

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100523\
 Data File : VN079424.D
 Acq On : 05 Oct 2023 17:02
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/06/2023
 Supervised By : Mahesh Dadoda 10/06/2023

Quant Time: Oct 06 03:02:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 02:55:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	253176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	441714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	414905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	396186	96.512	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 193.020%#			
35) Dibromofluoromethane	8.171	113	310576	97.840	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 195.680%#			
50) Toluene-d8	10.571	98	1196018	104.132	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 208.260%#			
62) 4-Bromofluorobenzene	12.853	95	458460	124.380	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 248.760%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	370719	102.186	ug/l	99
3) Chloromethane	2.365	50	416766	92.068	ug/l	97
4) Vinyl Chloride	2.512	62	473159	100.491	ug/l	96
5) Bromomethane	2.924	94	234683	84.522	ug/l	96
6) Chloroethane	3.106	64	303281	86.826	ug/l	100
7) Trichlorofluoromethane	3.489	101	539797	97.097	ug/l	99
8) Diethyl Ether	3.959	74	202290	102.068	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.365	101	307787	94.740	ug/l	99
10) Methyl Iodide	4.589	142	351218	124.585	ug/l	97
11) Tert butyl alcohol	5.530	59	285834	462.633	ug/l	100
12) 1,1-Dichloroethene	4.342	96	297446	99.438	ug/l	84
13) Acrolein	4.183	56	315194	512.344	ug/l	98
14) Allyl chloride	5.024	41	475555	98.515	ug/l	90
15) Acrylonitrile	5.724	53	916215	511.501	ug/l	99
16) Acetone	4.430	43	879946	540.441	ug/l	92
17) Carbon Disulfide	4.712	76	893404	95.749	ug/l	99
18) Methyl Acetate	5.024	43	726600	91.176	ug/l #	83
19) Methyl tert-butyl Ether	5.794	73	1007123	103.621	ug/l	93
20) Methylene Chloride	5.277	84	355595	100.339	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	331274	94.820	ug/l #	79
22) Diisopropyl ether	6.677	45	1139418	105.264	ug/l #	89
23) Vinyl Acetate	6.606	43	3380208	555.161	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	639592	96.547	ug/l	97
25) 2-Butanone	7.488	43	1291611	534.475	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	534428	105.562	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	386518	101.836	ug/l	86
28) Bromochloromethane	7.818	49	294594	93.463	ug/l #	72
29) Tetrahydrofuran	7.841	42	826067	528.539	ug/l #	75
30) Chloroform	7.971	83	659385	98.513	ug/l	94
31) Cyclohexane	8.259	56	554666	95.256	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	559965	99.410	ug/l	94
36) 1,1-Dichloropropene	8.377	75	500212	104.994	ug/l	95
37) Ethyl Acetate	7.565	43	508266	104.152	ug/l #	90
38) Carbon Tetrachloride	8.371	117	482370	101.137	ug/l	98
39) Methylcyclohexane	9.606	83	527268	115.193	ug/l #	87
40) Benzene	8.612	78	1465564	103.582	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	279727	112.239	ug/l #	83
42) 1,2-Dichloroethane	8.677	62	513476	99.875	ug/l	98
43) Isopropyl Acetate	8.694	43	830572	100.006	ug/l #	89
44) Trichloroethene	9.359	130	337641	101.389	ug/l	100
45) 1,2-Dichloropropane	9.630	63	383170	102.784	ug/l	98
46) Dibromomethane	9.712	93	253489	104.990	ug/l	96
47) Bromodichloromethane	9.894	83	517845	104.267	ug/l	97
48) Methyl methacrylate	9.688	41	401779	112.893	ug/l #	79
49) 1,4-Dioxane	9.700	88	140101	2137.172	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	2620997	559.050	ug/l	89
52) Toluene	10.635	92	918714	110.309	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	571797	114.245	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	609611	111.264	ug/l #	90
55) 1,1,2-Trichloroethane	11.024	97	347143	103.822	ug/l	96
56) Ethyl methacrylate	10.877	69	563107	122.560	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	621829	107.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1081165	614.450	ug/l	89
59) 2-Hexanone	11.200	43	1975375	583.892	ug/l	88
60) Dibromochloromethane	11.365	129	368750	109.733	ug/l	100
61) 1,2-Dibromoethane	11.476	107	354036	106.695	ug/l	96
64) Tetrachloroethene	11.106	164	270449	94.754	ug/l	98
65) Chlorobenzene	11.894	112	915728	99.105	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	341881	101.053	ug/l	97
67) Ethyl Benzene	11.971	91	1777352	110.668	ug/l	96
68) m/p-Xylenes	12.076	106	1377621	236.081	ug/l	93
69) o-Xylene	12.400	106	688212	119.923	ug/l	91
70) Styrene	12.418	104	1166331	128.667	ug/l	97
71) Bromoform	12.582	173	292132	117.981	ug/l #	100
73) Isopropylbenzene	12.700	105	1799704	99.000	ug/l	98
74) N-amyl acetate	12.500	43	774506	103.924	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	582713	100.538	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	534139m	92.242	ug/l	
77) Bromobenzene	12.982	156	411744	92.372	ug/l	92
78) n-propylbenzene	13.041	91	2169515	105.481	ug/l	96
79) 2-Chlorotoluene	13.129	91	1269808	96.481	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1540219	107.445	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	196000	100.941	ug/l	86
82) 4-Chlorotoluene	13.223	91	1311124	104.689	ug/l	97
83) tert-Butylbenzene	13.441	119	1261857	107.441	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	1384694	101.218	ug/l	99
85) sec-Butylbenzene	13.618	105	1622974	99.071	ug/l	99
86) p-Isopropyltoluene	13.735	119	1313361	104.506	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	679934	96.174	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	661473	90.613	ug/l	99
89) n-Butylbenzene	14.059	91	1116438	111.247	ug/l	98
90) Hexachloroethane	14.335	117	252097	99.850	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	644986	93.529	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	93648	89.088	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	257348	120.491	ug/l	97
94) Hexachlorobutadiene	15.506	225	145235	87.308	ug/l	99
95) Naphthalene	15.647	128	796737	122.160	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	265371	104.117	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

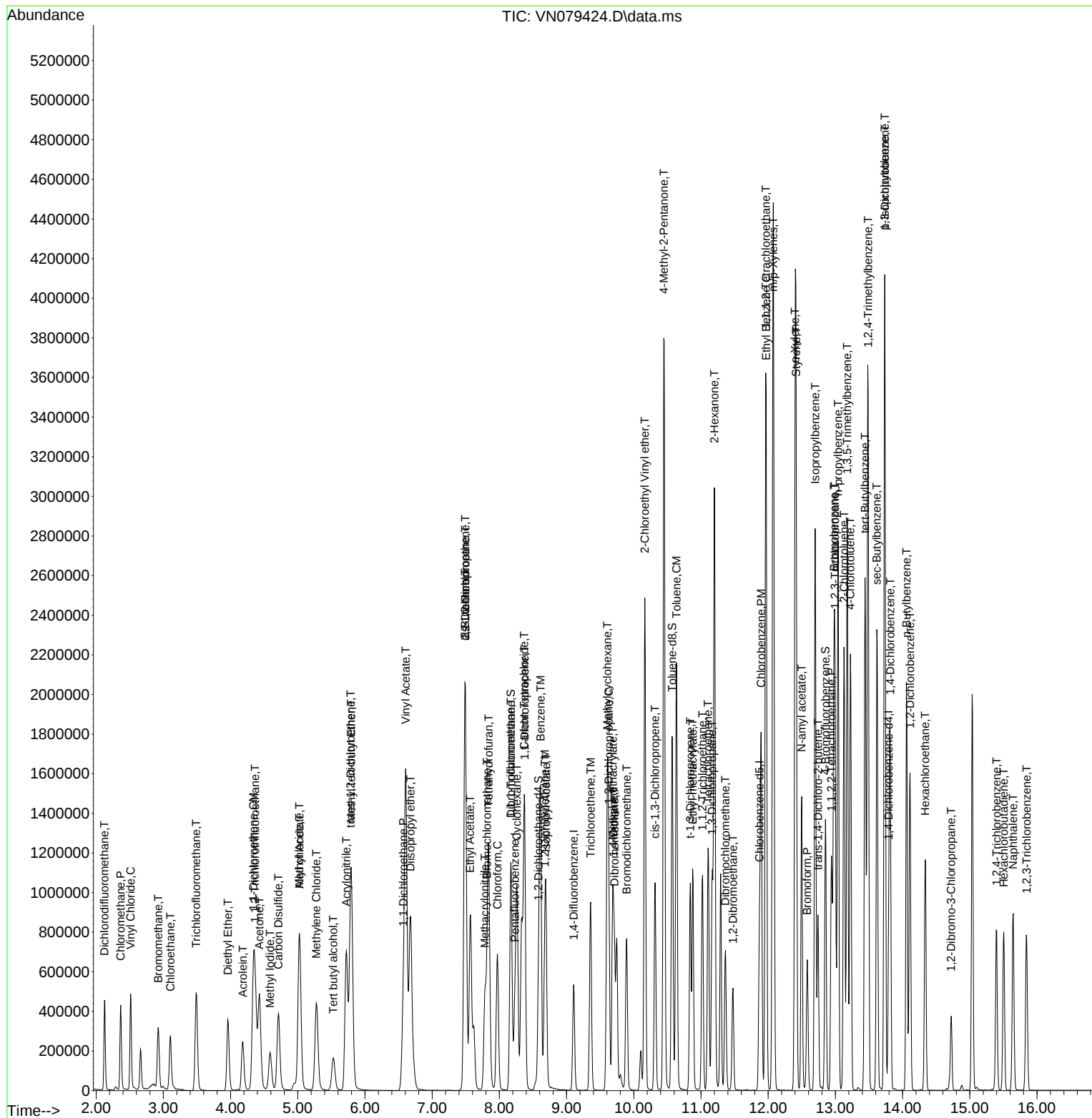
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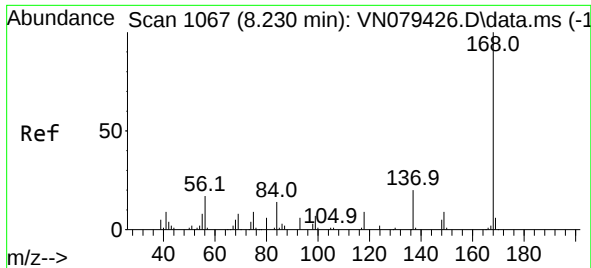
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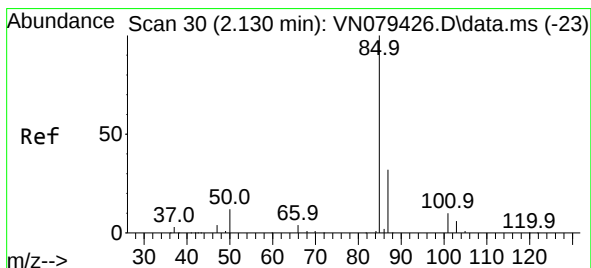
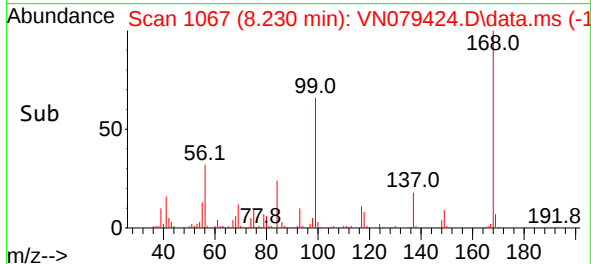
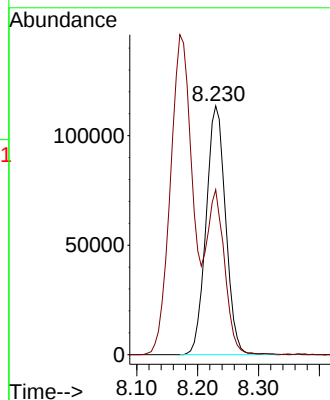
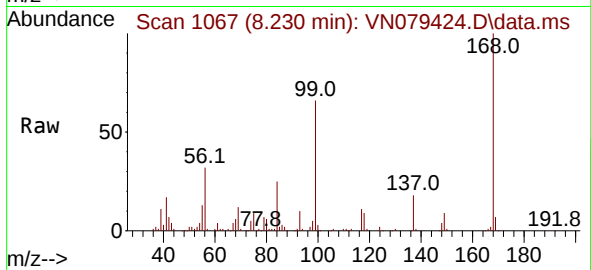
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079424.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:168 Resp: 253170
Ion Ratio Lower Upper
168 100
99 66.2 53.0 79.6

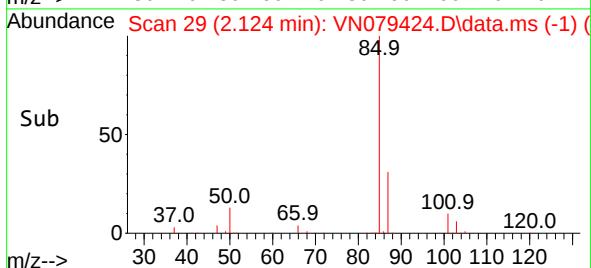
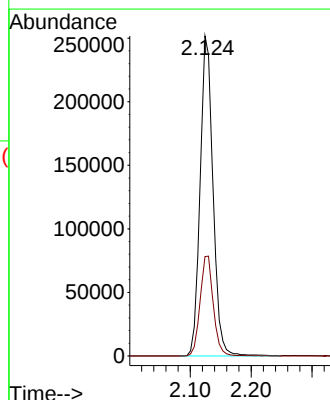
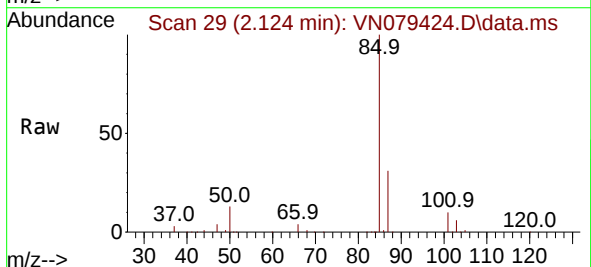
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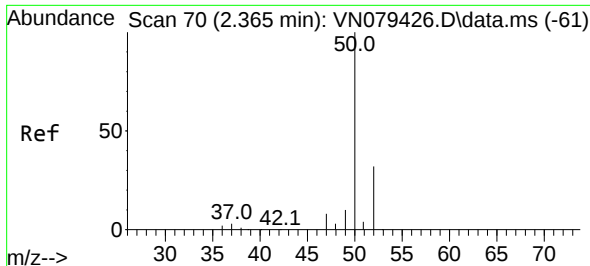
Reviewed By :John Carlone 10/06/2023
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#2
Dichlorodifluoromethane
Concen: 102.186 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079424.D
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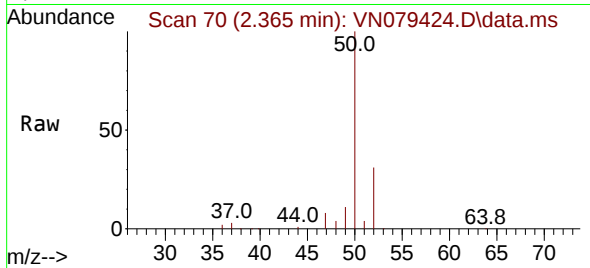
Tgt Ion: 85 Resp: 370719
Ion Ratio Lower Upper
85 100
87 31.0 15.8 47.4





#3
Chloromethane
Concen: 92.068 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

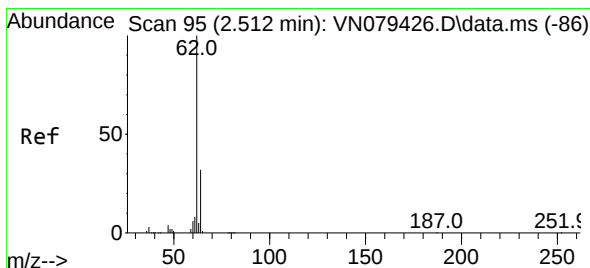
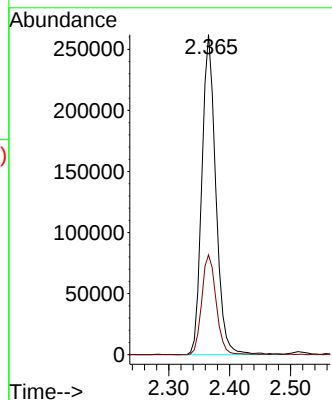
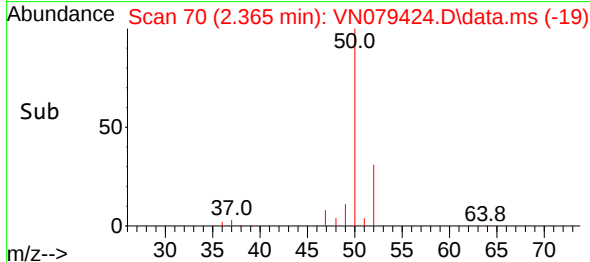
Instrument :
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Tgt Ion: 50 Resp: 416760
Ion Ratio Lower Upper
50 100
52 31.2 26.5 39.7

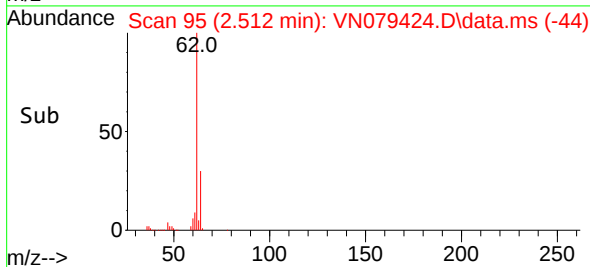
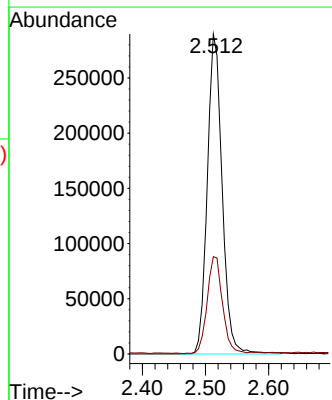
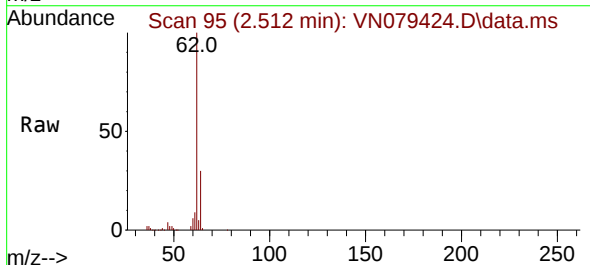
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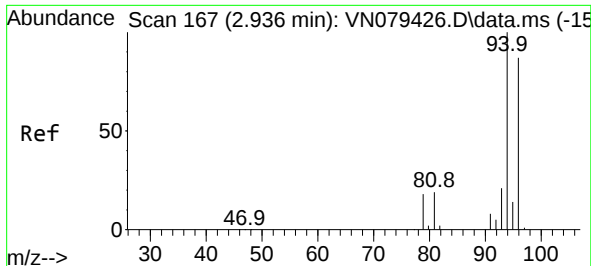
Reviewed By :John Carlone 10/06/2023
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#4
Vinyl Chloride
Concen: 100.491 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

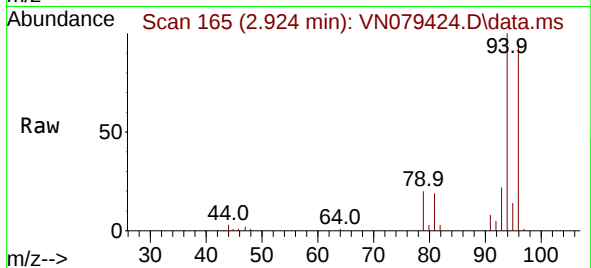
Tgt Ion: 62 Resp: 473159
Ion Ratio Lower Upper
62 100
64 30.2 26.2 39.2





#5
Bromomethane
Concen: 84.522 ug/l
RT: 2.924 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

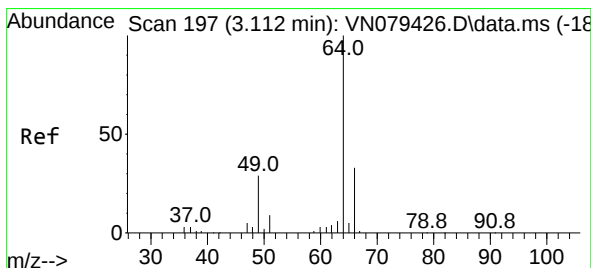
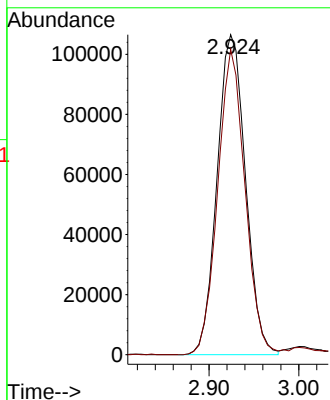
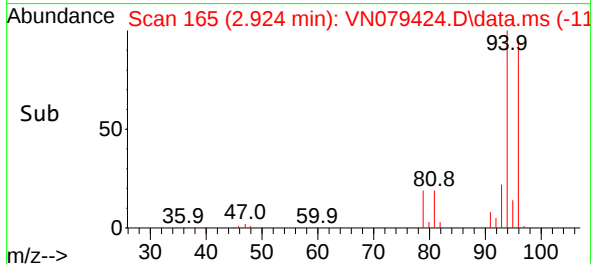
Instrument :
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Tgt Ion: 94 Resp: 23468
Ion Ratio Lower Upper
94 100
96 95.4 73.1 109.7

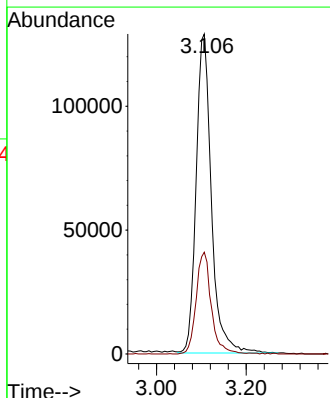
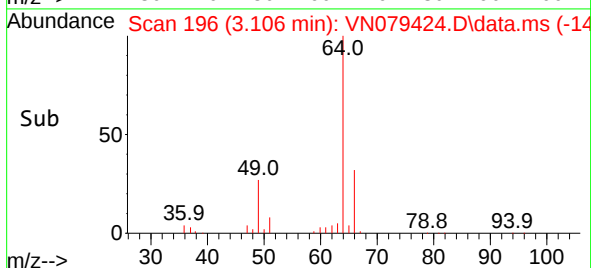
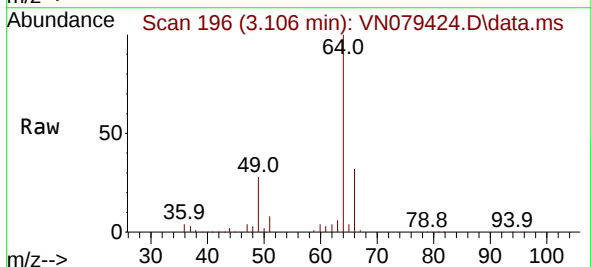
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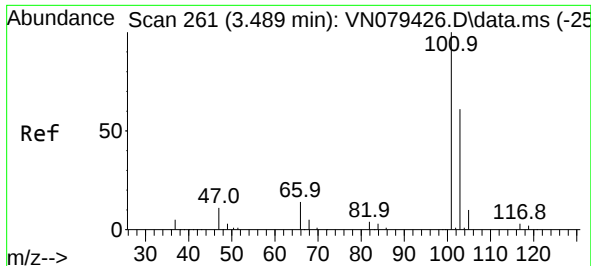
Reviewed By :John Carlone 10/06/2023
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#6
Chloroethane
Concen: 86.826 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

Tgt Ion: 64 Resp: 303281
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.2





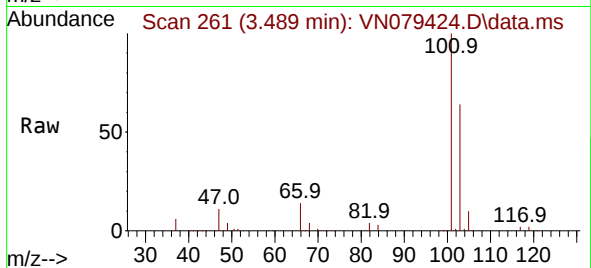
#7
Trichlorofluoromethane
Concen: 97.097 ug/l
RT: 3.489 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

Instrument :

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ClientSampleId :

VSTDIC100



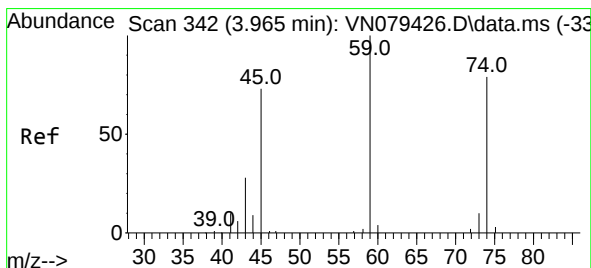
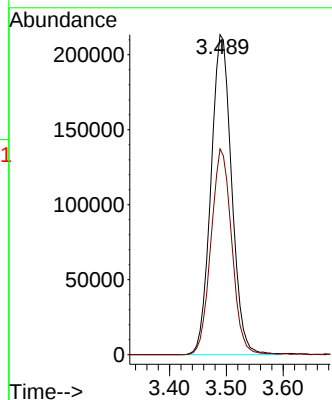
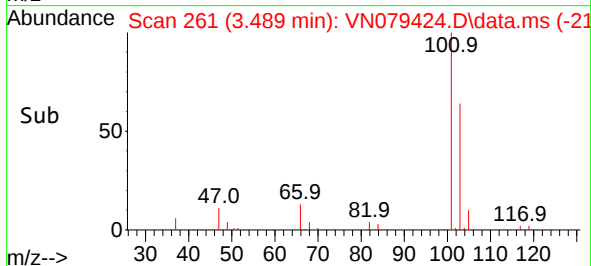
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Ion Ratio Lower Upper
101 100
103 64.3 50.7 76.1

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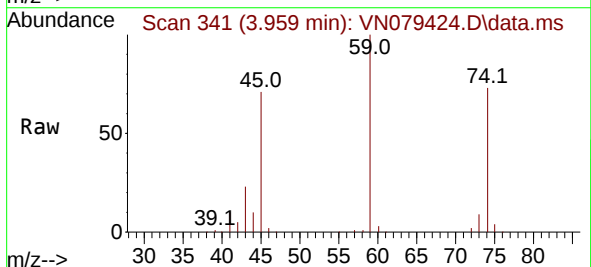
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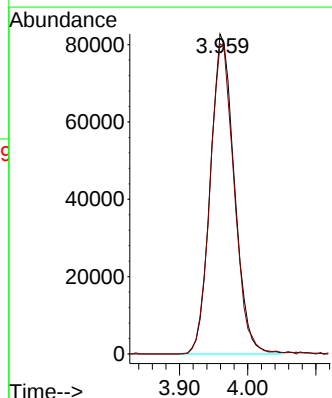
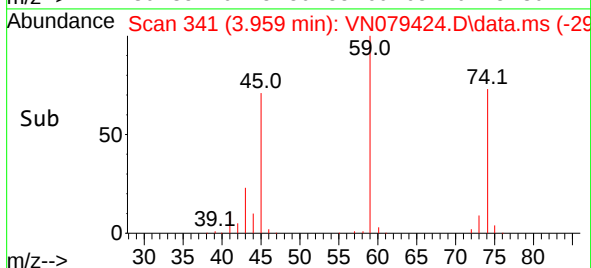
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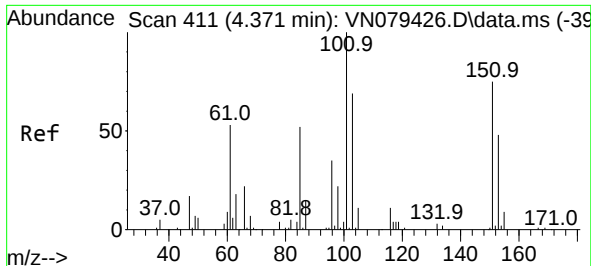


#8
Diethyl Ether
Concen: 102.068 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02



Tgt Ion: 74 Resp: 202290
Ion Ratio Lower Upper
74 100
45 97.7 34.4 103.3





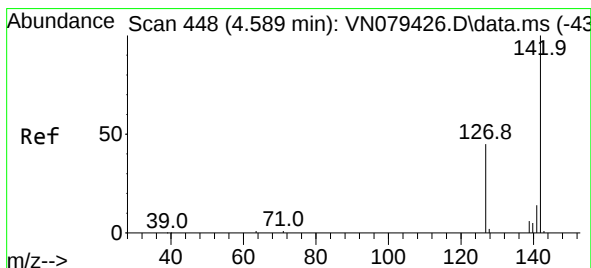
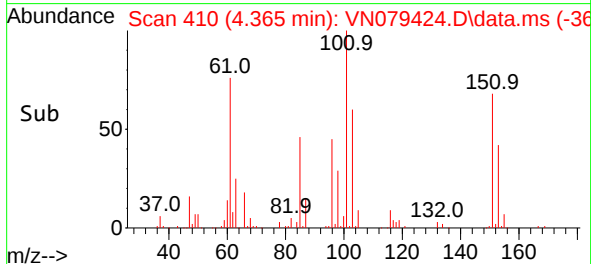
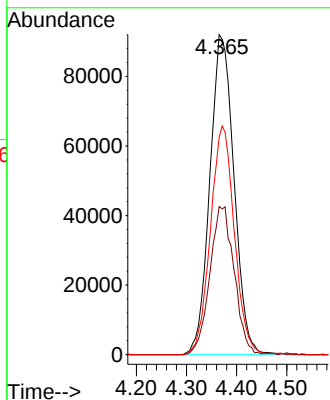
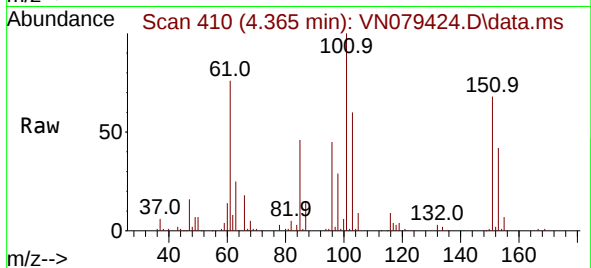
#9
1,1,2-Trichlorotrifluoroethane
Concen: 94.740 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 30778
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 70.8 57.6 86.4

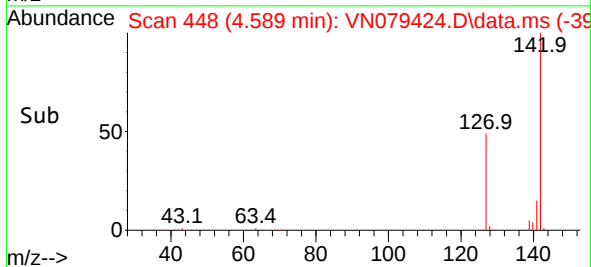
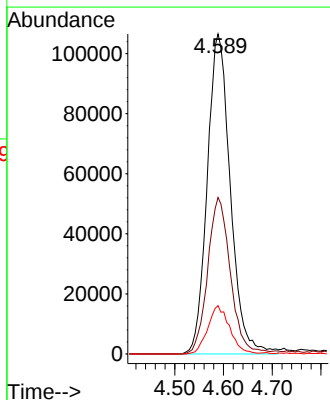
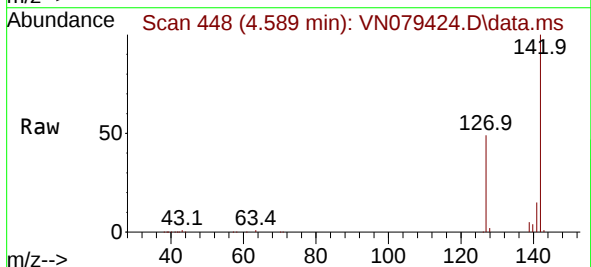
Manual Integrations
APPROVED

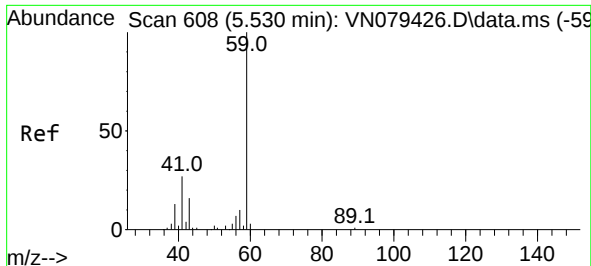
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#10
Methyl Iodide
Concen: 124.585 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

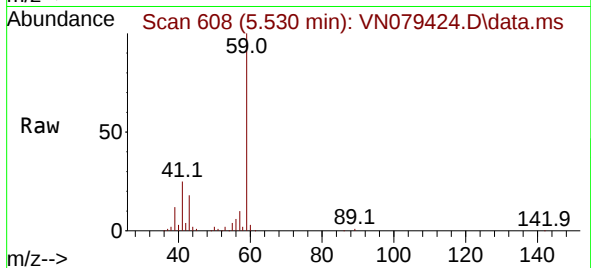
Tgt Ion:142 Resp: 351218
Ion Ratio Lower Upper
142 100
127 48.9 37.6 56.4
141 15.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 462.633 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

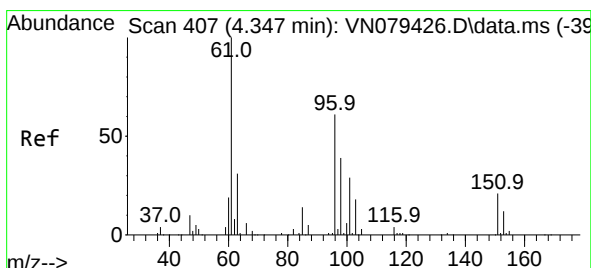
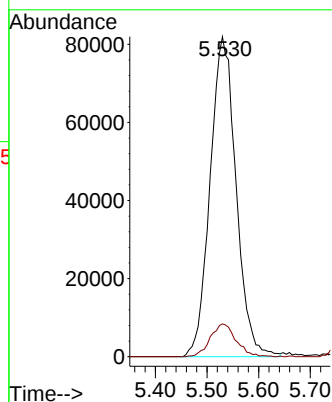
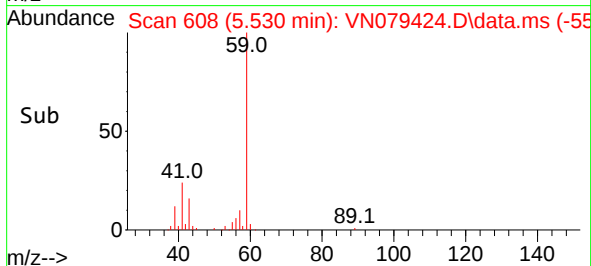
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



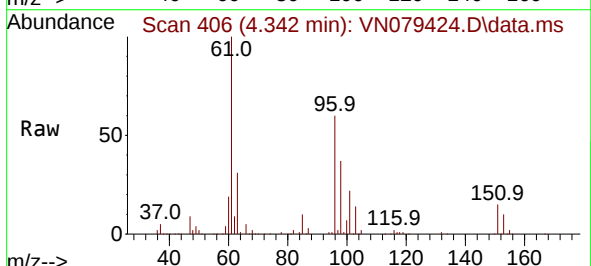
Tgt Ion: 59 Resp: 285834
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

Manual Integrations
APPROVED

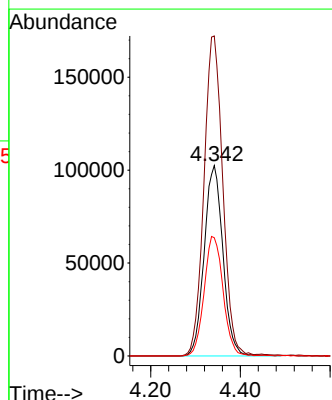
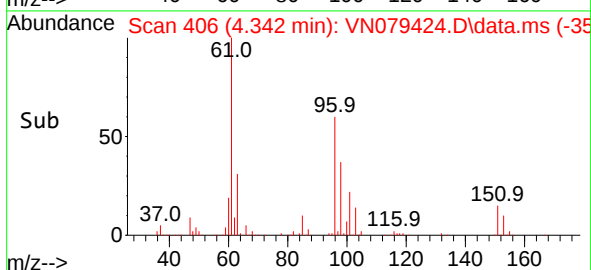
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

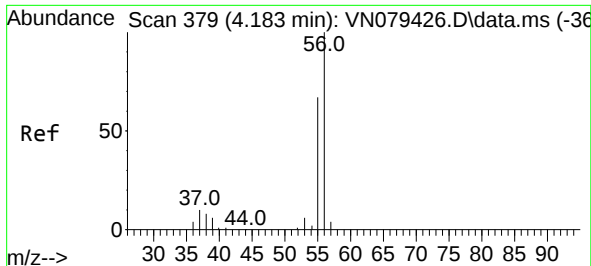


#12
1,1-Dichloroethene
Concen: 99.438 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02



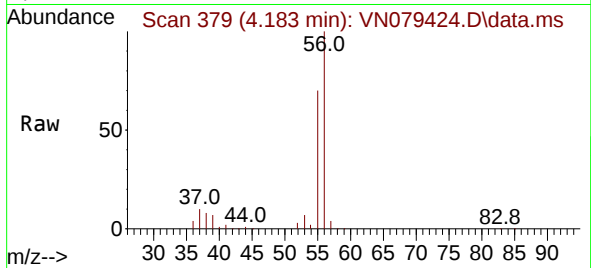
Tgt Ion: 96 Resp: 297446
Ion Ratio Lower Upper
96 100
61 168.1 112.7 169.1
98 62.1 51.2 76.8





#13
Acrolein
Concen: 512.344 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

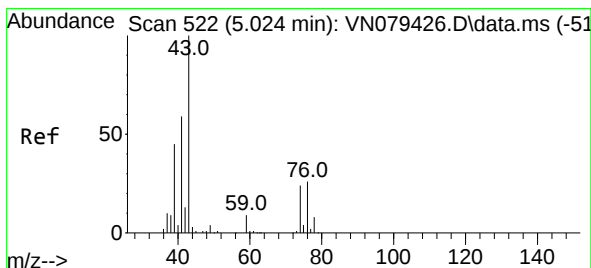
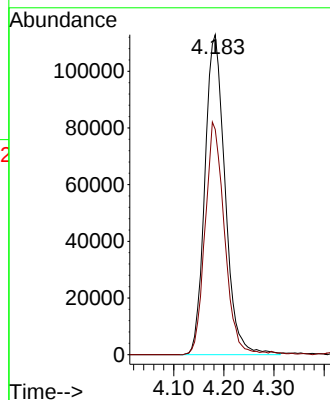
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 315194
Ion Ratio Lower Upper
56 100
55 70.0 54.5 81.7

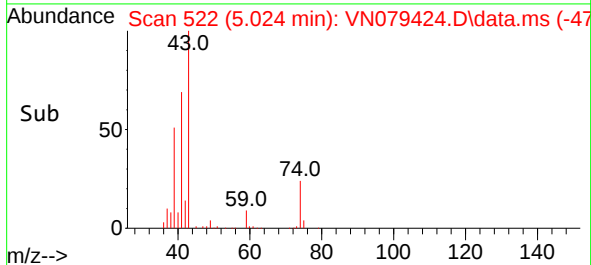
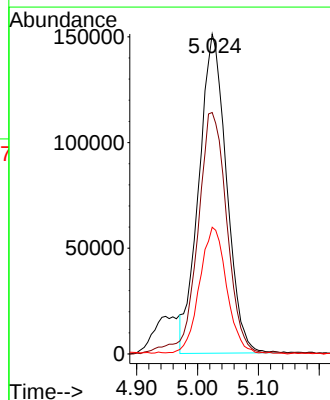
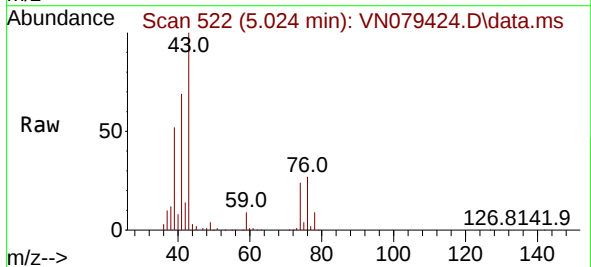
Manual Integrations
APPROVED

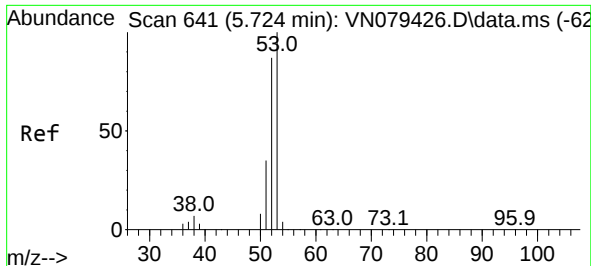
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#14
Allyl chloride
Concen: 98.515 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

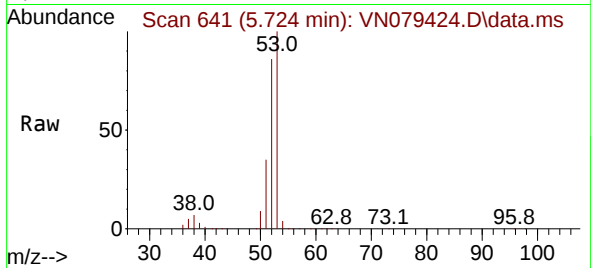
Tgt Ion: 41 Resp: 475555
Ion Ratio Lower Upper
41 100
39 80.1 58.8 88.2
76 39.5 39.1 58.7





#15
Acrylonitrile
Concen: 511.501 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

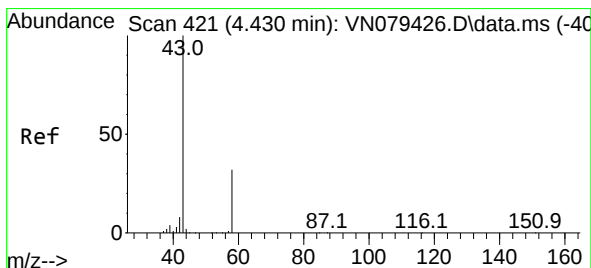
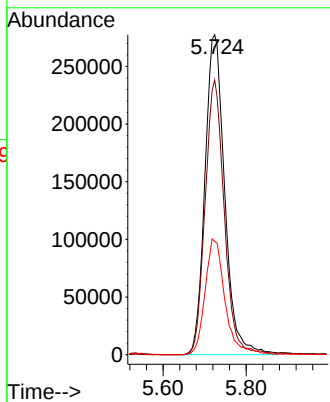
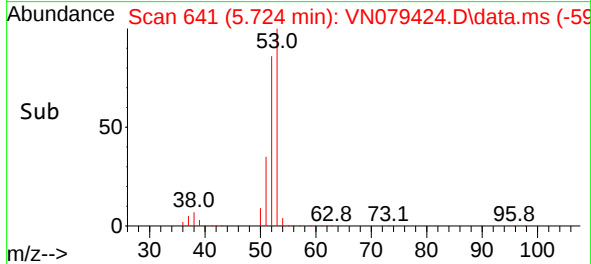
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



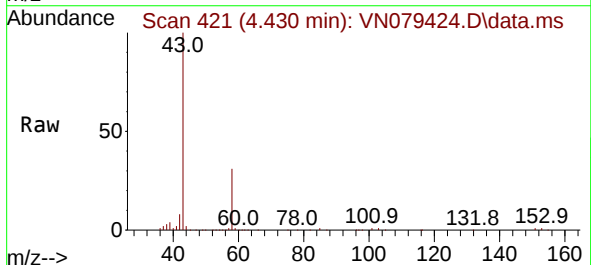
Tgt Ion: 53 Resp: 916215
Ion Ratio Lower Upper
53 100
52 83.0 65.3 97.9
51 36.5 28.9 43.3

Manual Integrations
APPROVED

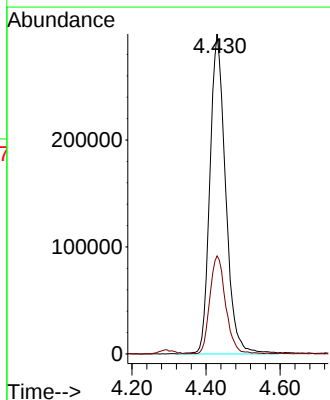
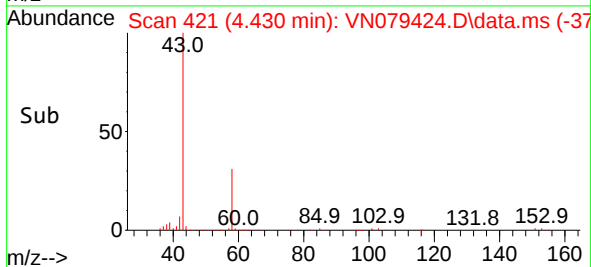
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

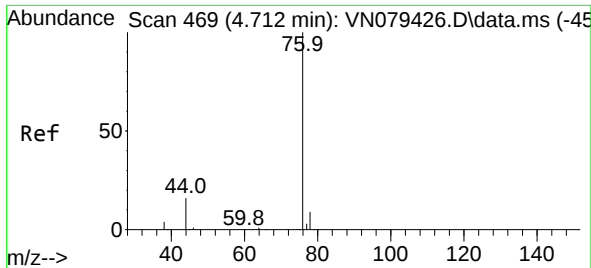


#16
Acetone
Concen: 540.441 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02



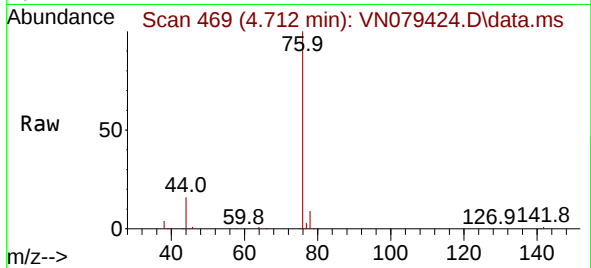
Tgt Ion: 43 Resp: 879946
Ion Ratio Lower Upper
43 100
58 30.5 28.0 42.0





#17
Carbon Disulfide
Concen: 95.749 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

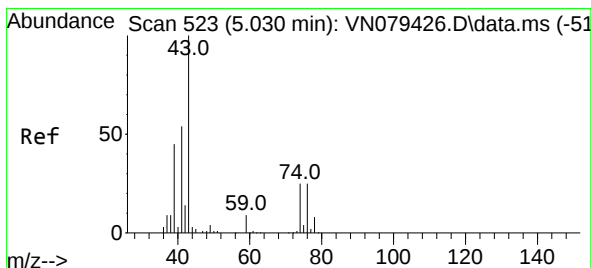
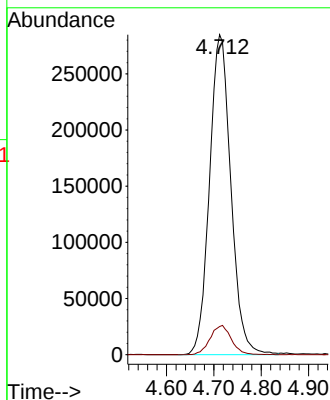
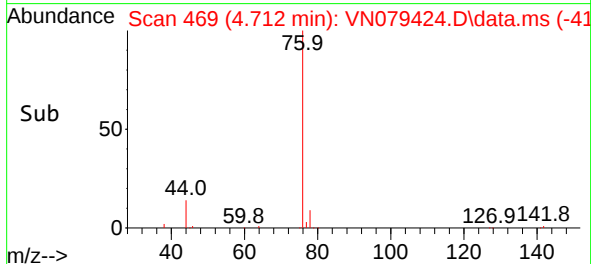
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



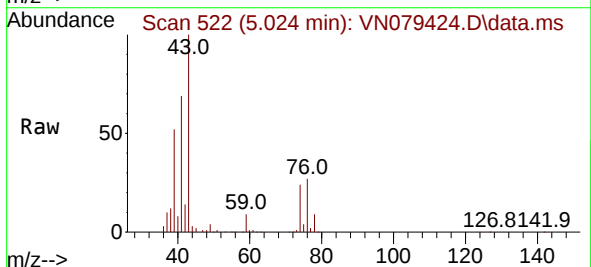
Tgt Ion: 76 Resp: 893404
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

Manual Integrations
APPROVED

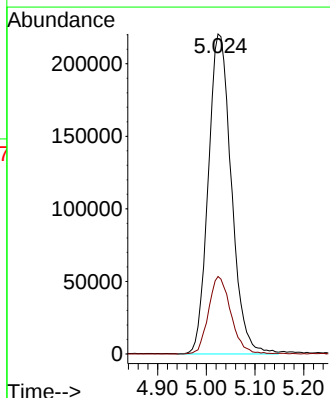
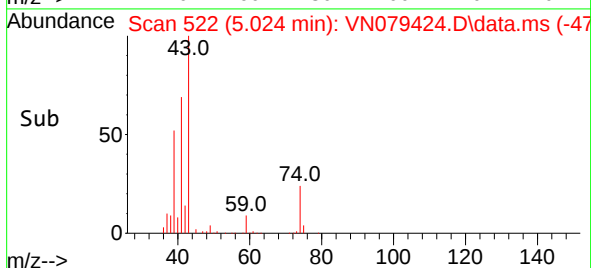
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

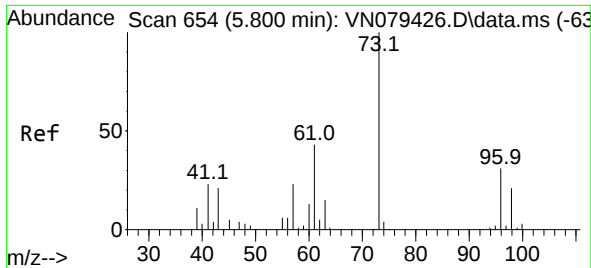


#18
Methyl Acetate
Concen: 91.176 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02



Tgt Ion: 43 Resp: 726600
Ion Ratio Lower Upper
43 100
74 23.4 26.2 39.4#





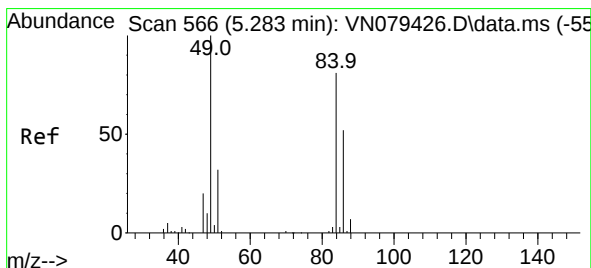
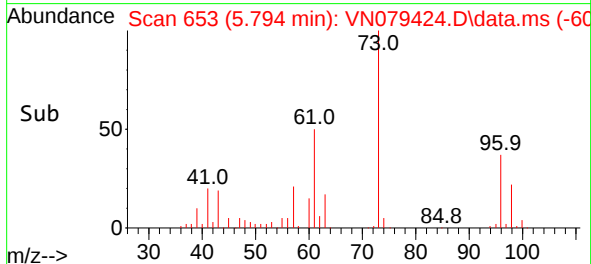
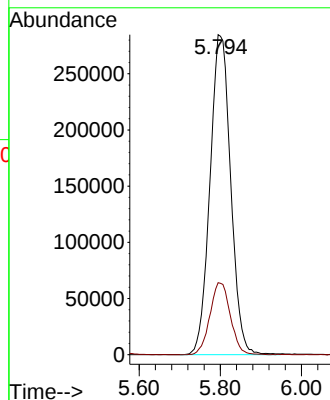
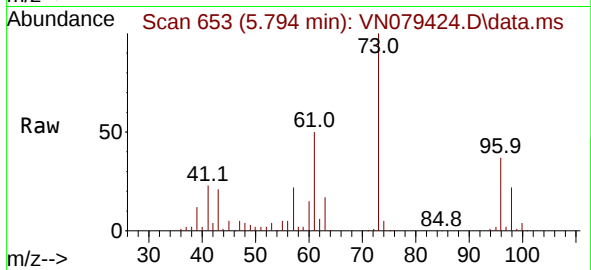
#19
Methyl tert-butyl Ether
Concen: 103.621 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 100712
Ion Ratio Lower Upper
73 100
57 22.5 15.6 23.4

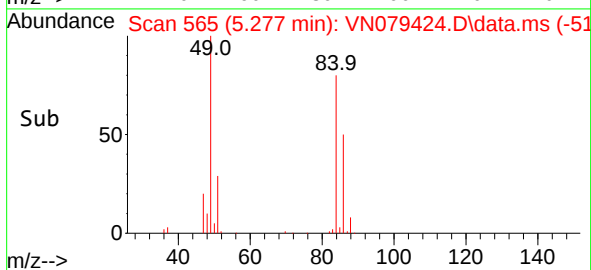
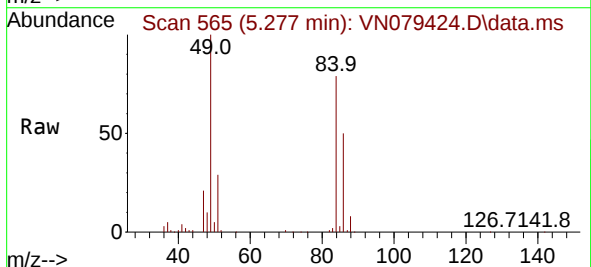
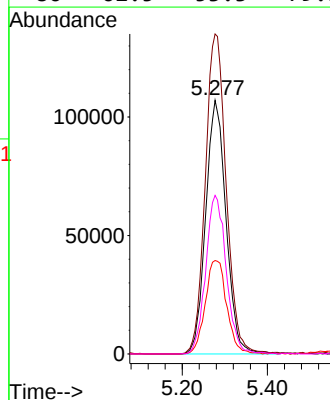
Manual Integrations
APPROVED

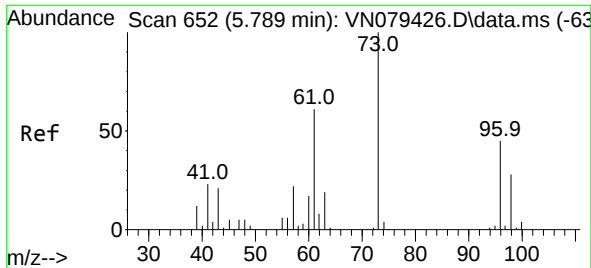
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#20
Methylene Chloride
Concen: 100.339 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

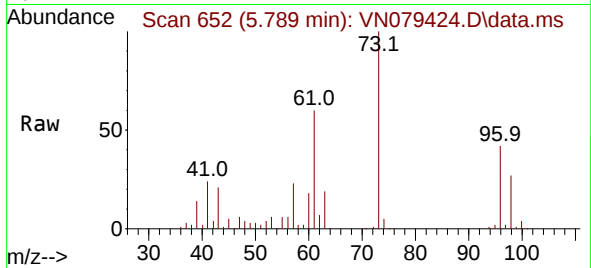
Tgt Ion: 84 Resp: 355595
Ion Ratio Lower Upper
84 100
49 126.1 79.7 119.5#
51 36.8 25.2 37.8
86 62.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 94.820 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

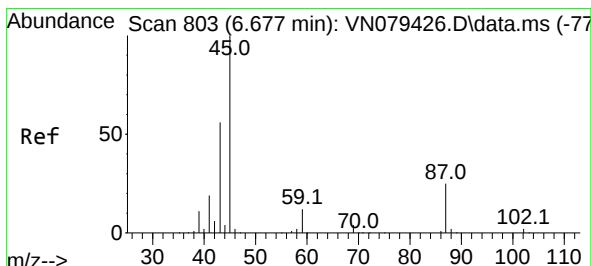
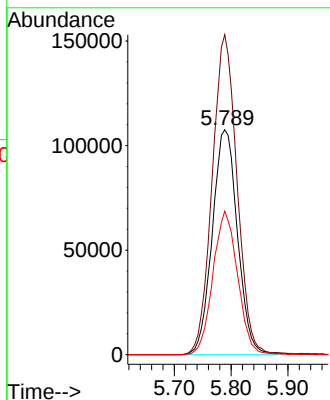
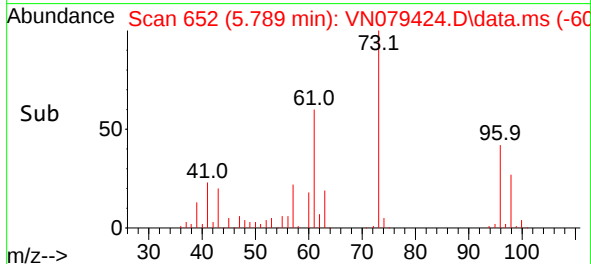
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 331274
Ion Ratio Lower Upper
96 100
61 142.2 90.1 135.1
98 63.8 46.4 69.6

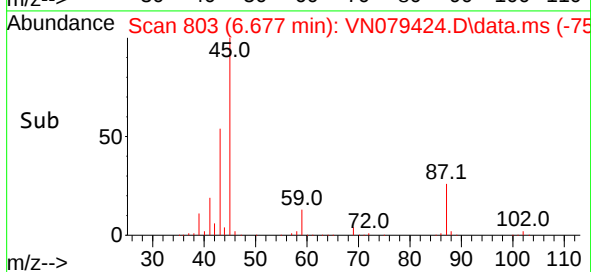
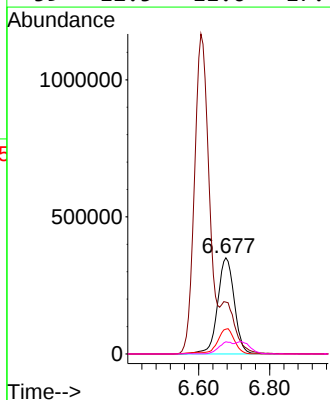
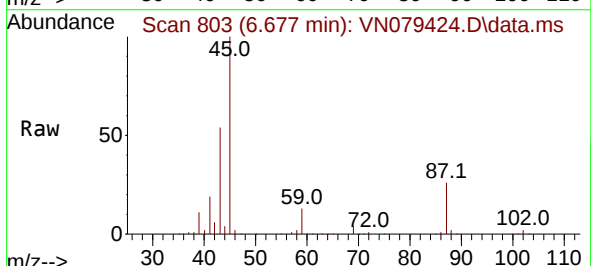
Manual Integrations
APPROVED

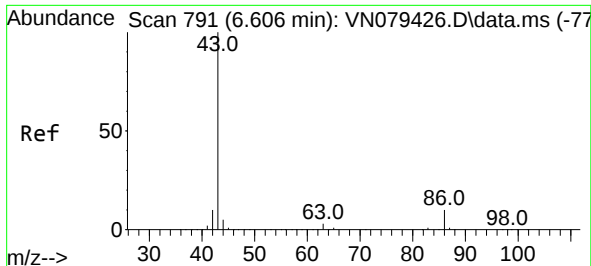
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#22
Diisopropyl ether
Concen: 105.264 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

Tgt Ion: 45 Resp: 1139418
Ion Ratio Lower Upper
45 100
43 53.5 45.5 68.3
87 25.7 31.8 47.8#
59 12.5 11.6 17.4





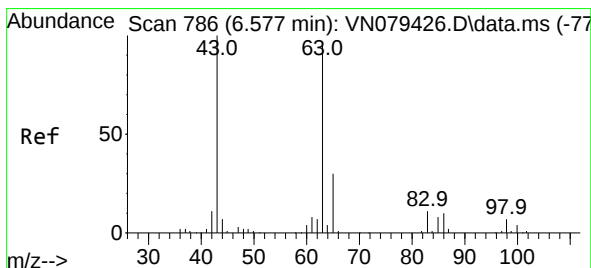
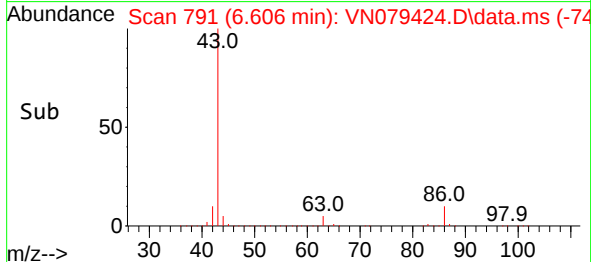
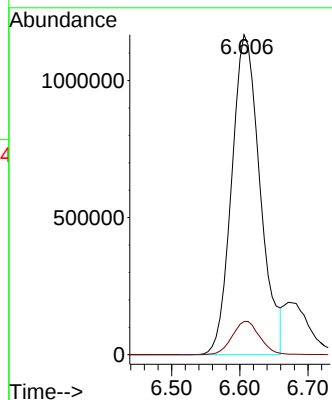
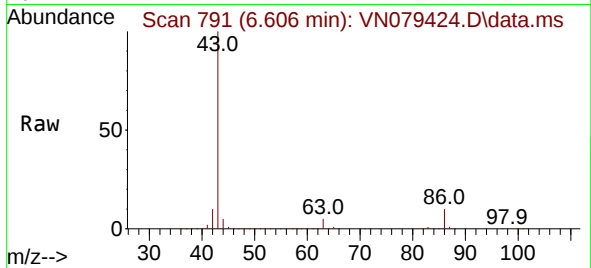
#23
 Vinyl Acetate
 Concen: 555.161 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079424.D
 Acq: 05 Oct 2023 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Tgt Ion: 43 Resp: 3380208
 Ion Ratio Lower Upper
 43 100
 86 10.3 13.0 19.6

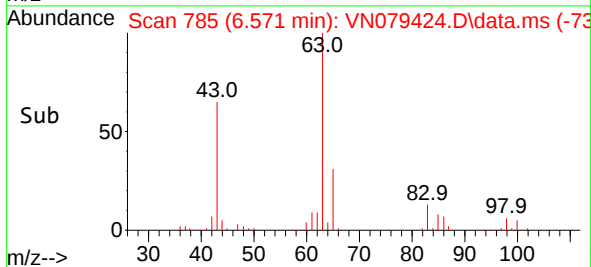
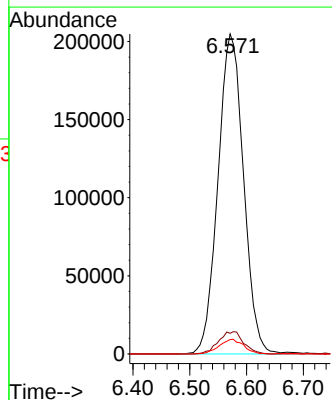
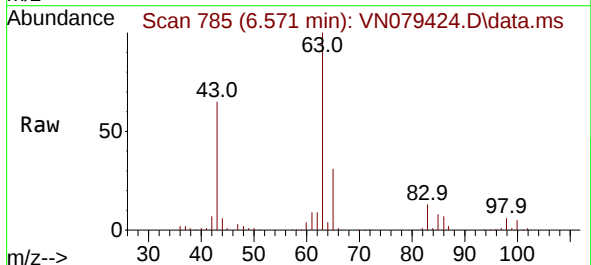
Manual Integrations
 APPROVED

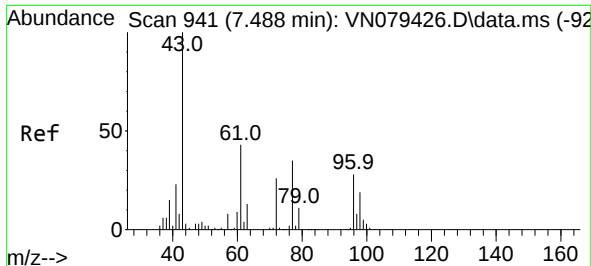
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#24
 1,1-Dichloroethane
 Concen: 96.547 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079424.D
 Acq: 05 Oct 2023 17:02

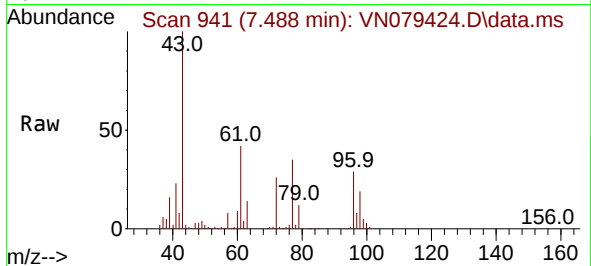
Tgt Ion: 63 Resp: 639592
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 4.5 2.5 7.4





#25
2-Butanone
Concen: 534.475 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

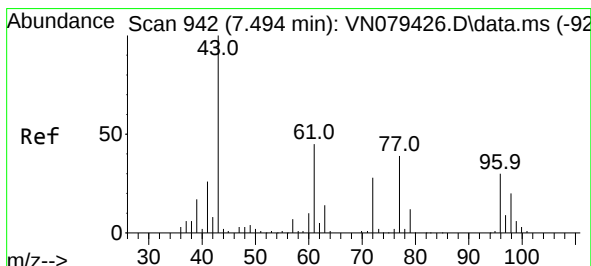
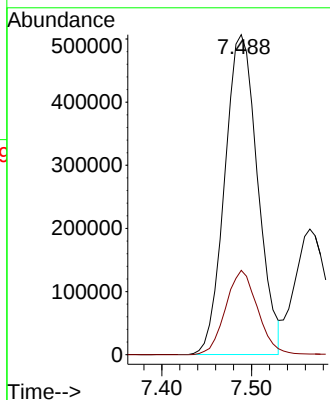
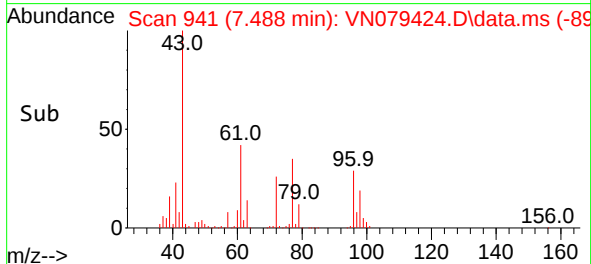
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



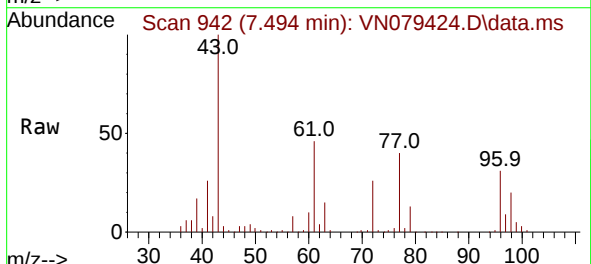
Tgt Ion: 43 Resp: 129161
Ion Ratio Lower Upper
43 100
72 26.4 30.2 45.2

Manual Integrations
APPROVED

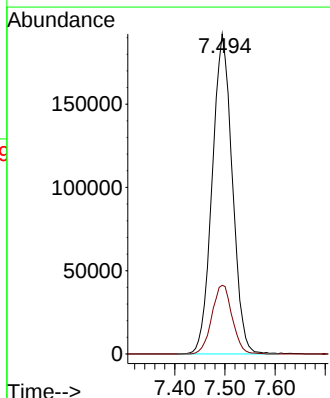
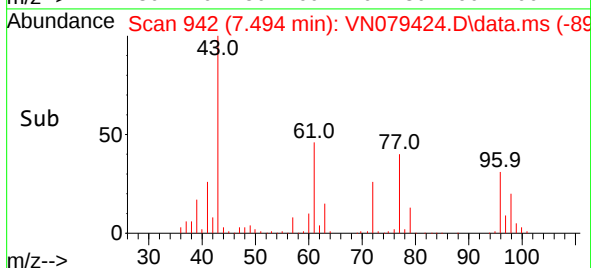
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

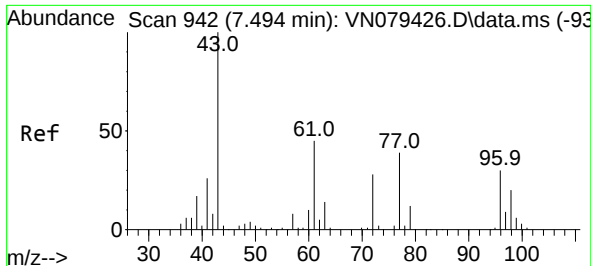


#26
2,2-Dichloropropane
Concen: 105.562 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02



Tgt Ion: 77 Resp: 534428
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.6





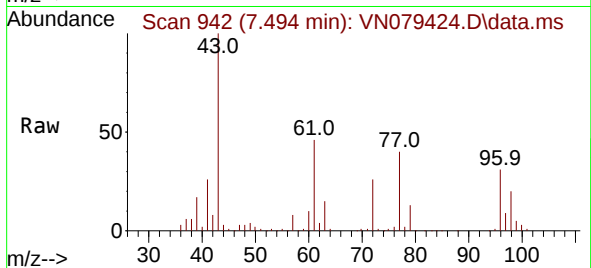
#27
 cis-1,2-Dichloroethene
 Concen: 101.836 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN079424.D
 Acq: 05 Oct 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100



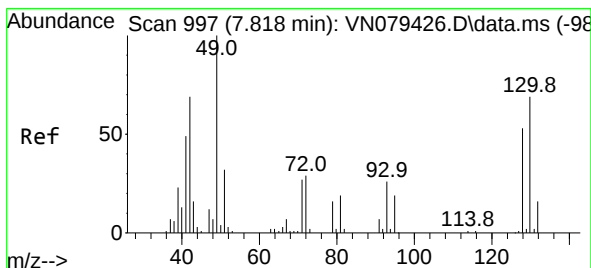
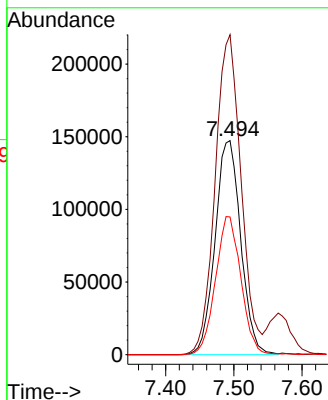
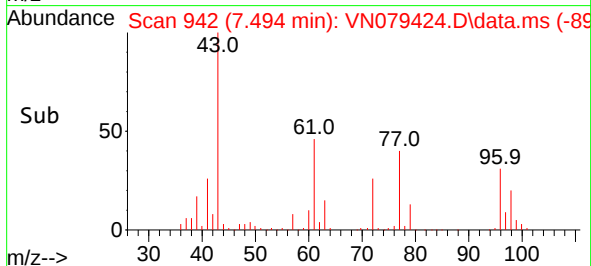
Tgt Ion: 96 Resp: 386518
 Ion Ratio Lower Upper
 96 100
 61 151.1 0.0 255.2
 98 64.0 0.0 128.8

Manual Integrations

APPROVED

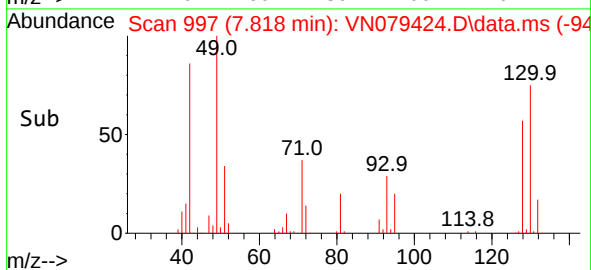
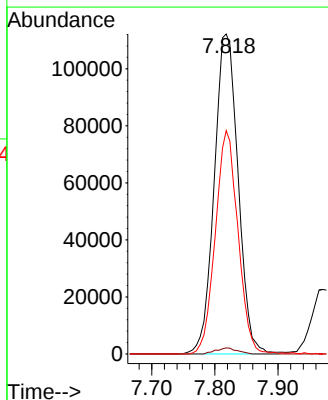
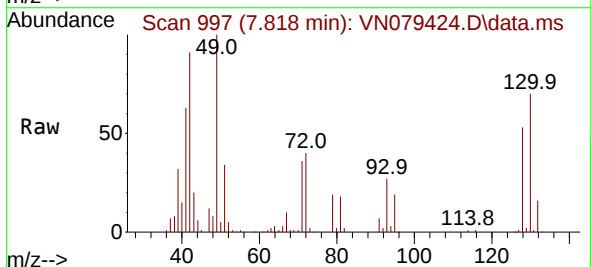
Reviewed By :John Carlone 10/06/2023

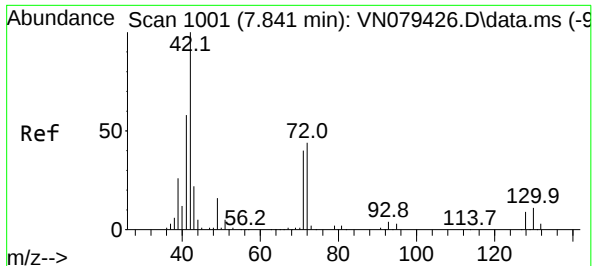
Supervised By :Mahesh Dadoda 10/06/2023



#28
 Bromochloromethane
 Concen: 93.463 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN079424.D
 Acq: 05 Oct 2023 17:02

Tgt Ion: 49 Resp: 294594
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 66.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 528.539 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079424.D

Acq: 05 Oct 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 82606

Ion Ratio Lower Upper

42 100

72 43.3 49.8 74.6

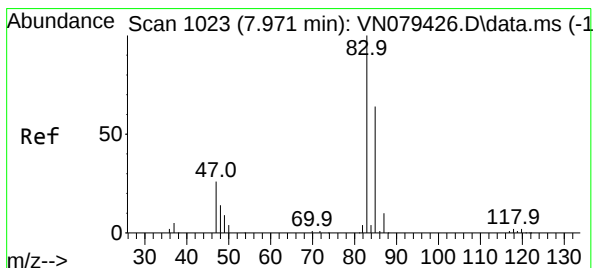
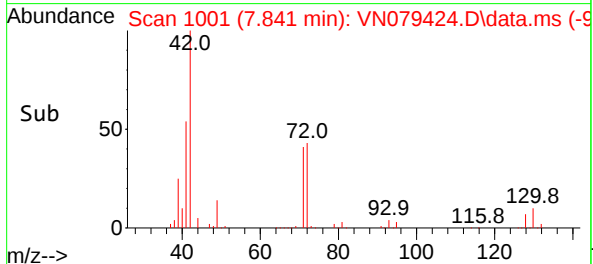
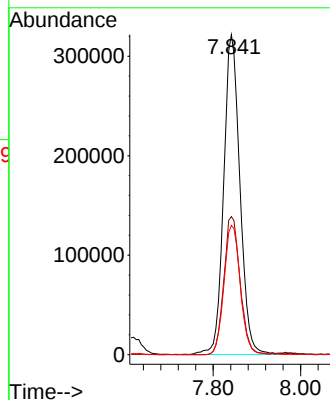
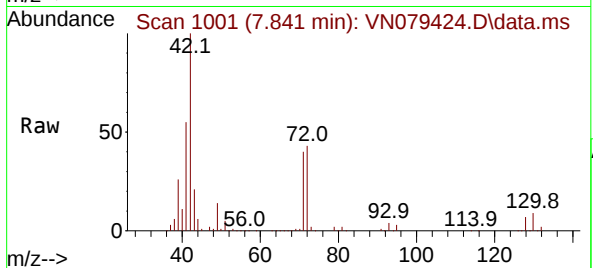
71 40.6 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#30

Chloroform

Concen: 98.513 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079424.D

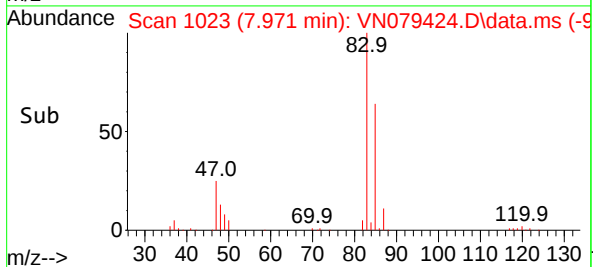
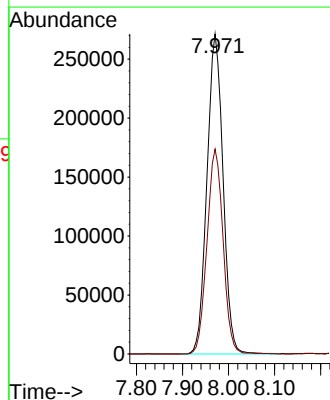
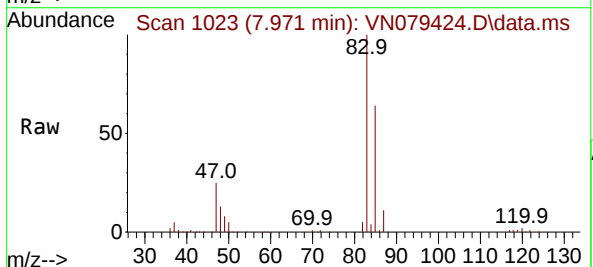
Acq: 05 Oct 2023 17:02

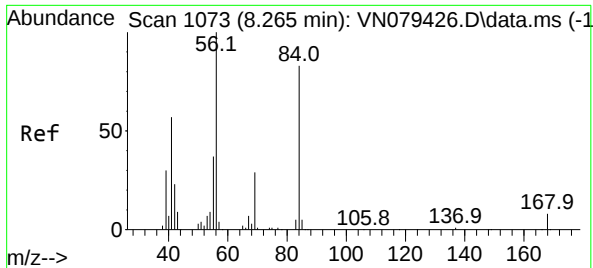
Tgt Ion: 83 Resp: 659385

Ion Ratio Lower Upper

83 100

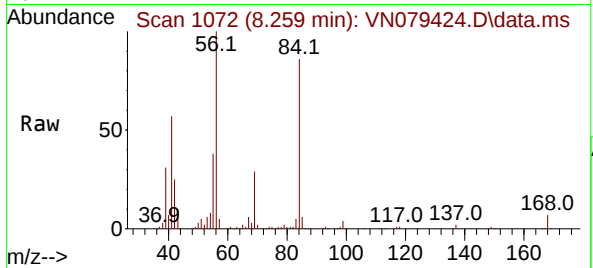
85 64.0 55.4 83.0





#31
Cyclohexane
Concen: 95.256 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

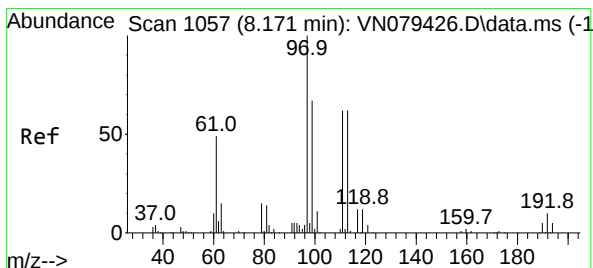
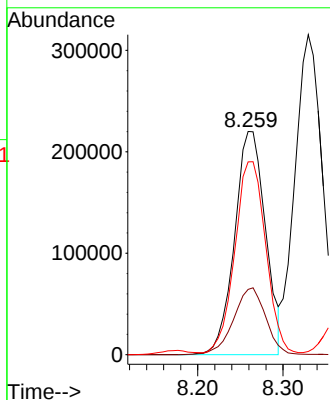
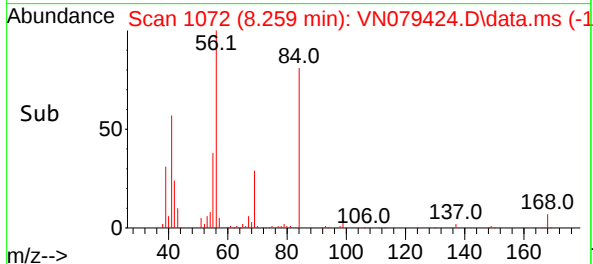
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 554660
Ion Ratio Lower Upper
56 100
69 29.2 26.8 40.2
84 84.4 81.8 122.6

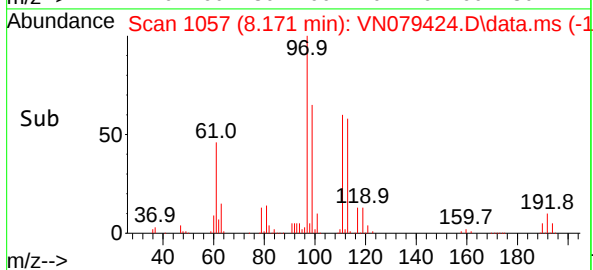
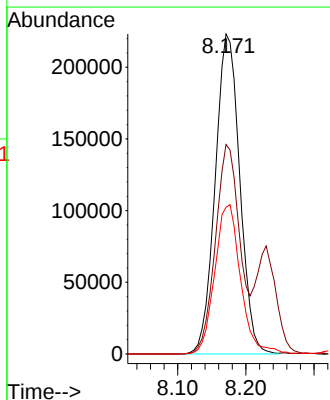
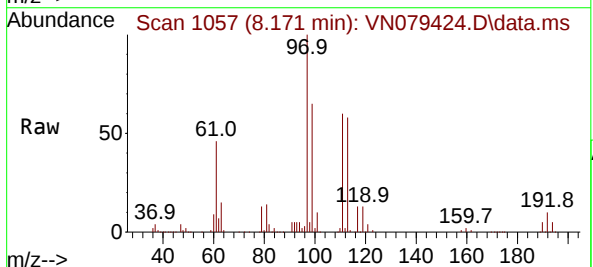
Manual Integrations
APPROVED

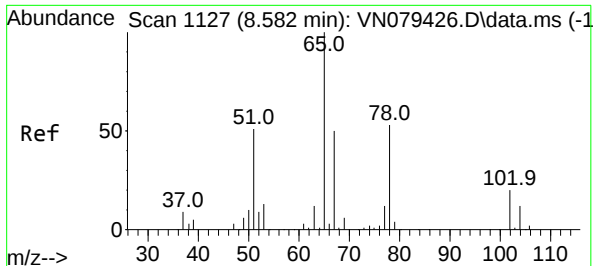
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#32
1,1,1-Trichloroethane
Concen: 99.410 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

Tgt Ion: 97 Resp: 559965
Ion Ratio Lower Upper
97 100
99 65.4 50.3 75.5
61 49.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 96.512 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079424.D

Acq: 05 Oct 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 396180

Ion Ratio Lower Upper

65 100

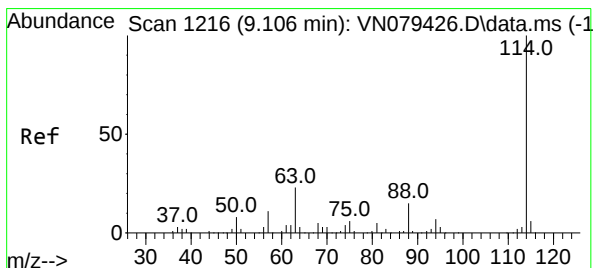
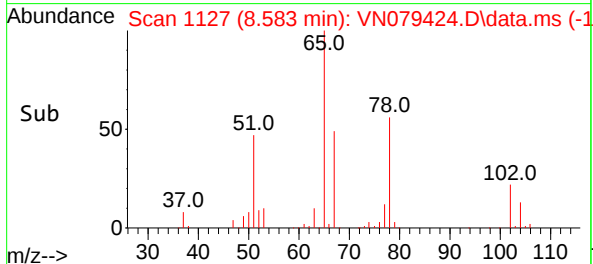
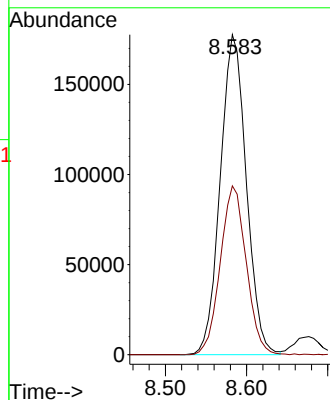
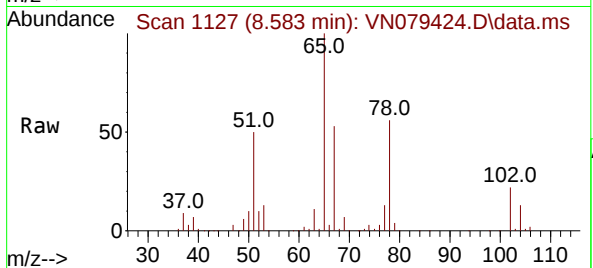
67 52.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079424.D

Acq: 05 Oct 2023 17:02

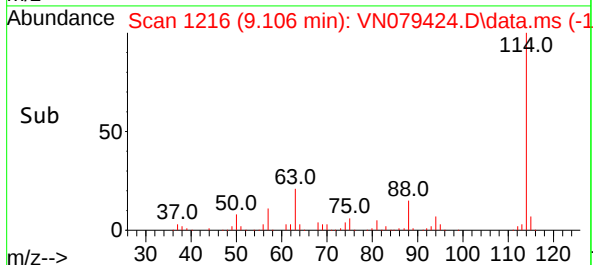
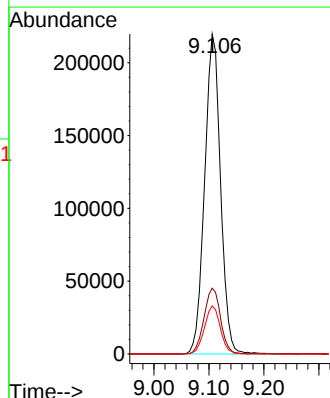
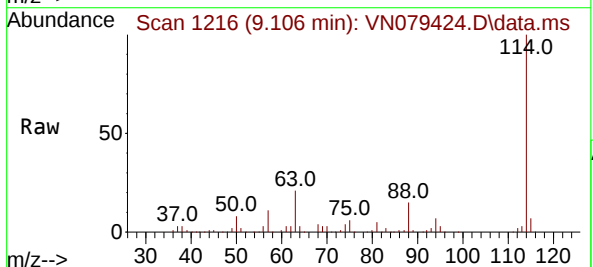
Tgt Ion:114 Resp: 441714

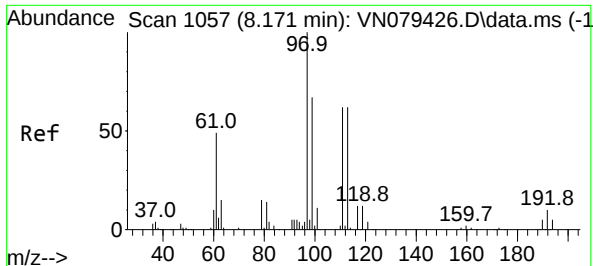
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 97.840 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079424.D

Acq: 05 Oct 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 310570

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

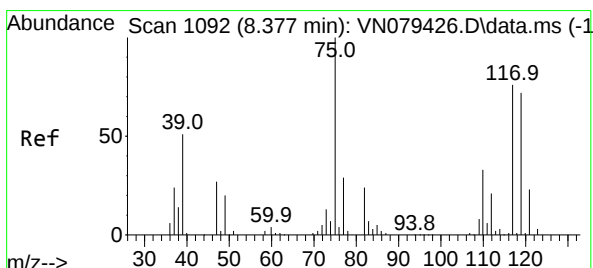
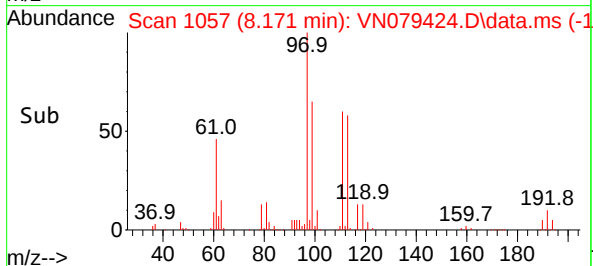
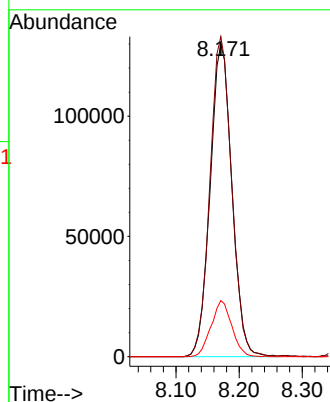
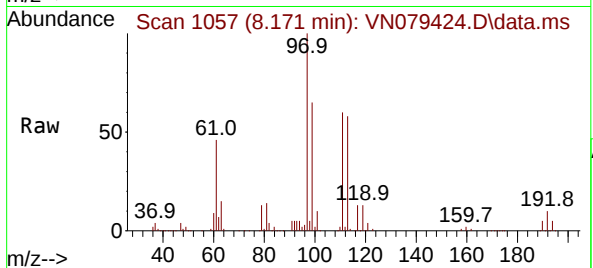
192 17.1 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#36

1,1-Dichloropropene

Concen: 104.994 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079424.D

Acq: 05 Oct 2023 17:02

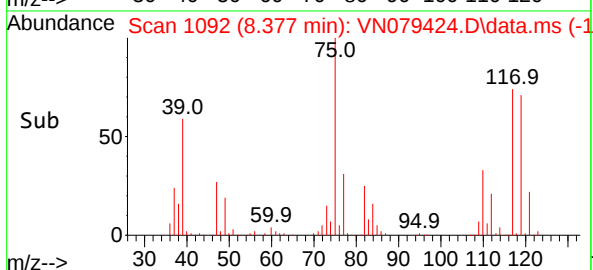
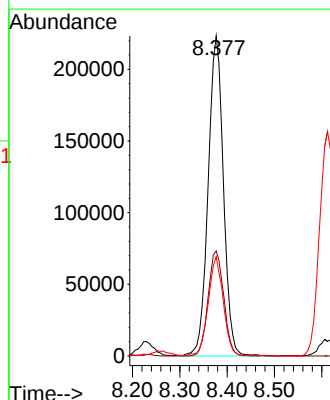
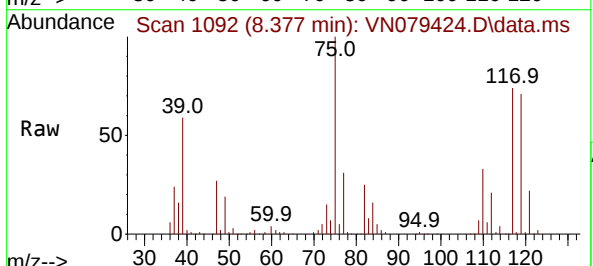
Tgt Ion: 75 Resp: 500212

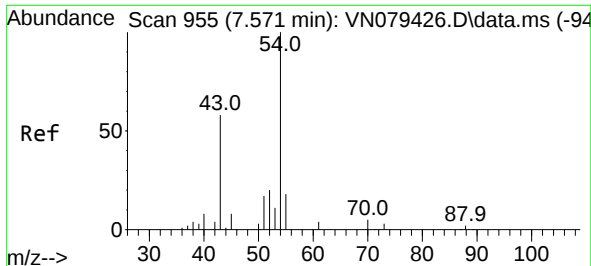
Ion Ratio Lower Upper

75 100

110 33.7 19.1 57.3

77 30.4 25.0 37.4





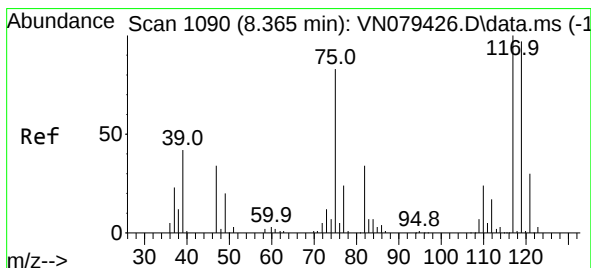
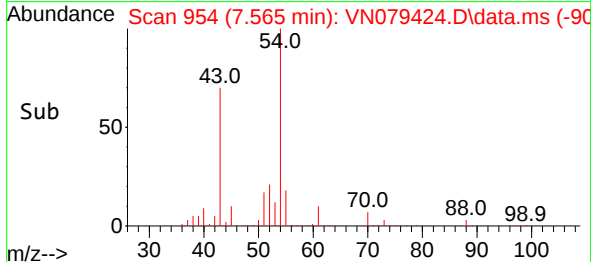
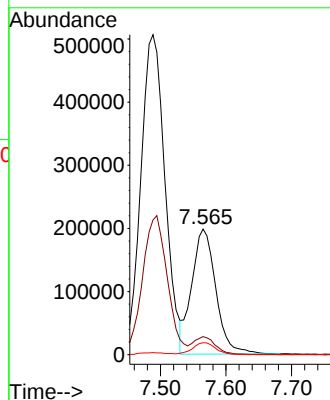
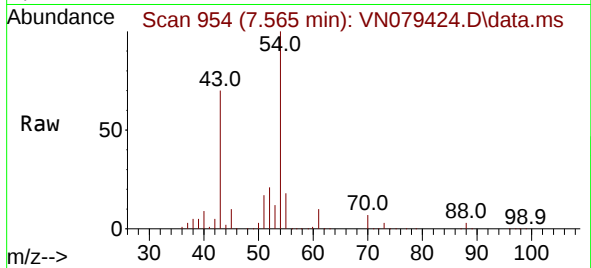
#37
Ethyl Acetate
Concen: 104.152 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 508260
Ion Ratio Lower Upper
43 100
61 12.8 13.2 19.8
70 9.3 11.3 16.9

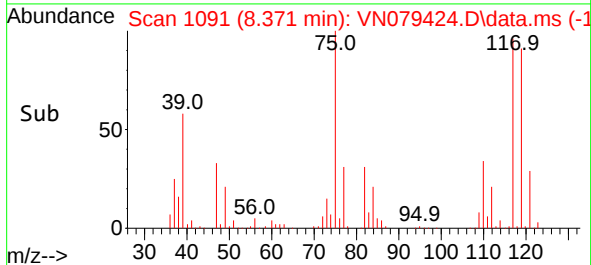
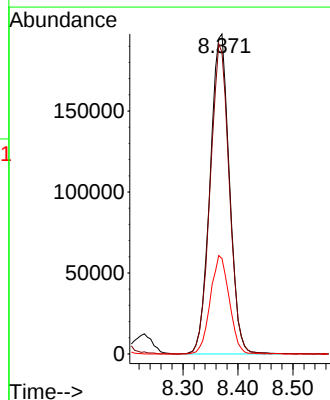
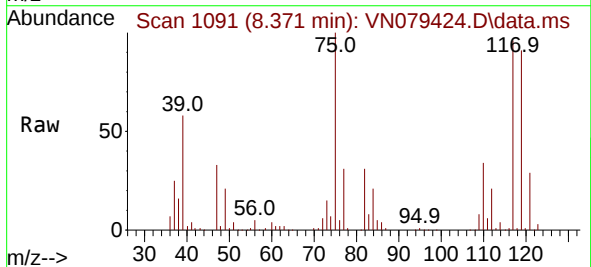
Manual Integrations
APPROVED

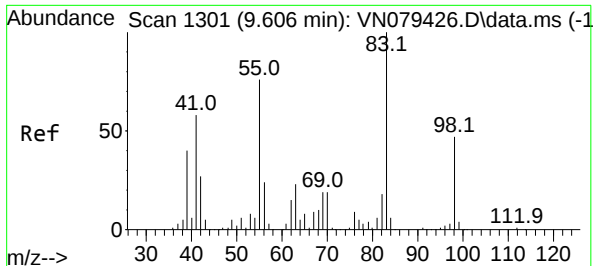
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#38
Carbon Tetrachloride
Concen: 101.137 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

Tgt Ion:117 Resp: 482370
Ion Ratio Lower Upper
117 100
119 94.2 77.3 115.9
121 29.8 23.3 34.9





#39

Methylcyclohexane

Concen: 115.193 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079424.D

Acq: 05 Oct 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 52726

Ion Ratio Lower Upper

83 100

55 77.3 49.1 73.7

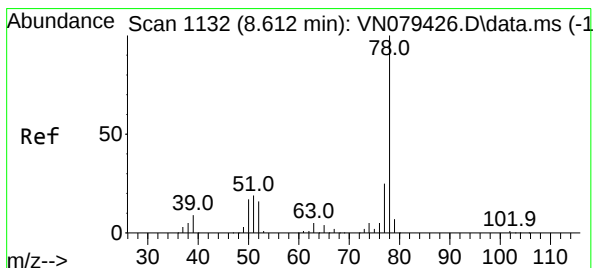
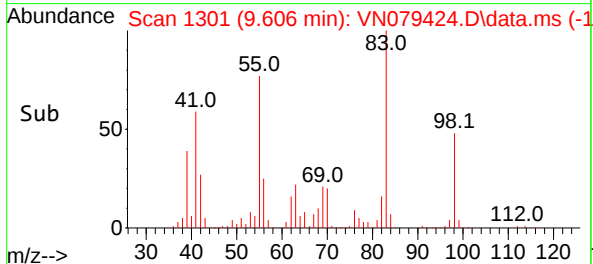
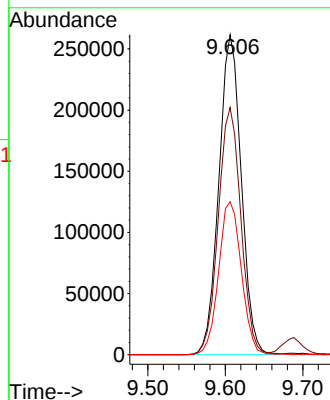
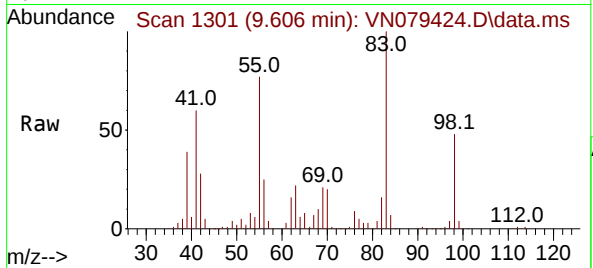
98 47.8 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#40

Benzene

Concen: 103.582 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079424.D

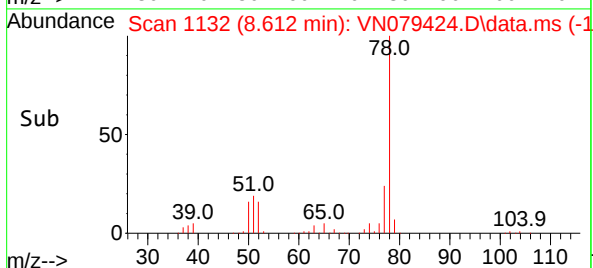
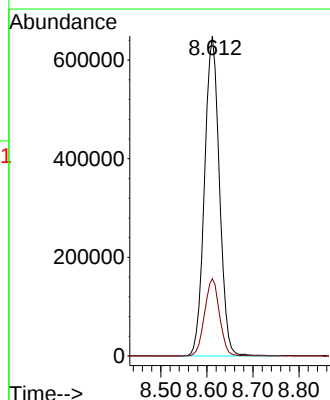
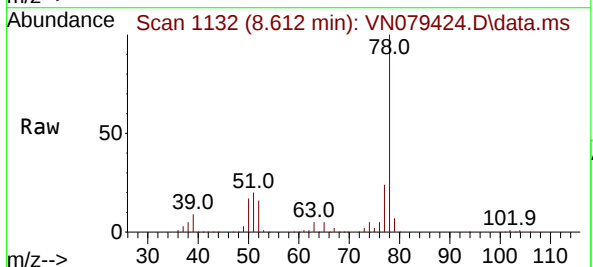
Acq: 05 Oct 2023 17:02

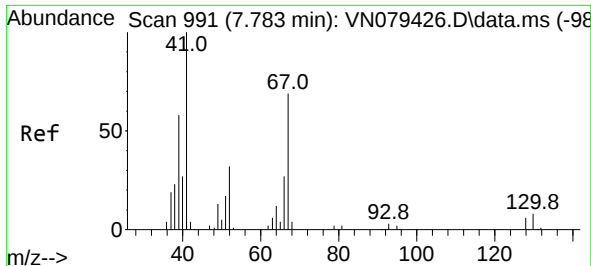
Tgt Ion: 78 Resp: 1465564

Ion Ratio Lower Upper

78 100

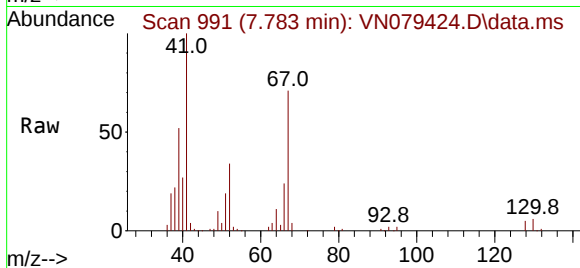
77 24.2 19.0 28.6





#41
Methacrylonitrile
Concen: 112.239 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

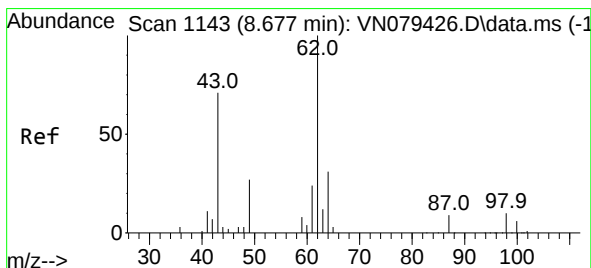
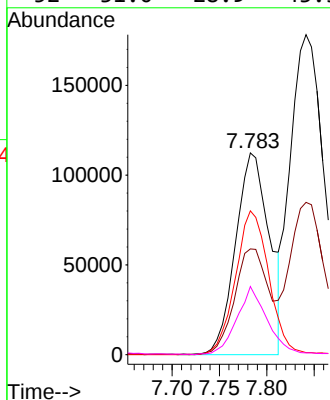
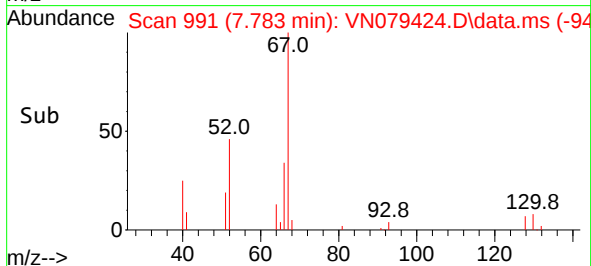
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



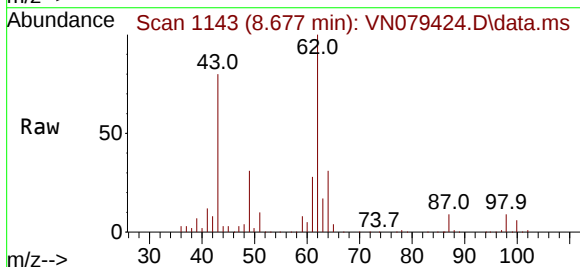
Tgt Ion: 41 Resp: 27972
Ion Ratio Lower Upper
41 100
39 50.4 42.6 64.0
67 71.1 77.5 116.3
52 31.0 28.9 43.3

Manual Integrations
APPROVED

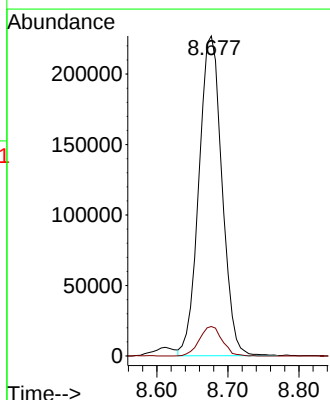
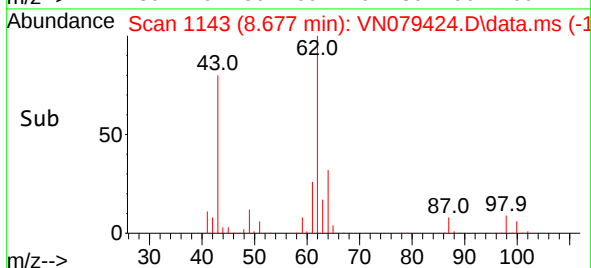
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

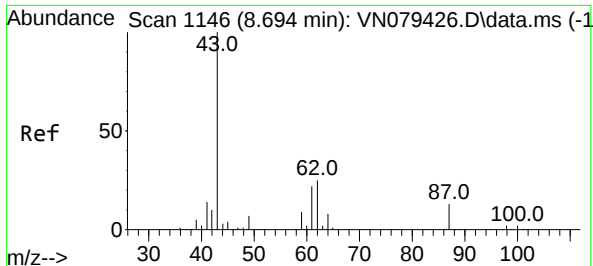


#42
1,2-Dichloroethane
Concen: 99.875 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02



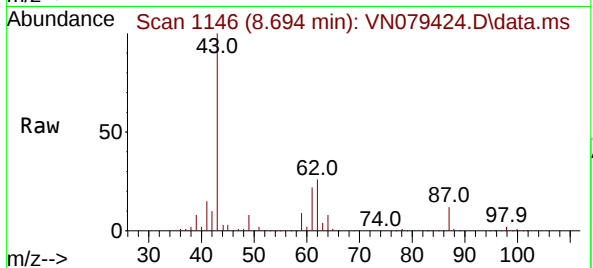
Tgt Ion: 62 Resp: 513476
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 100.006 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

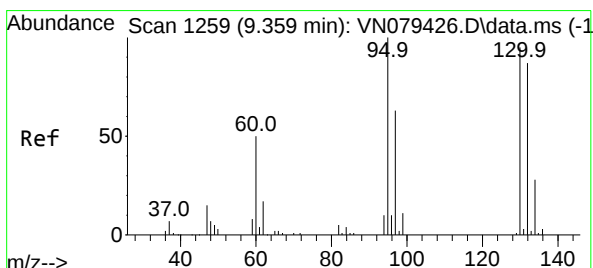
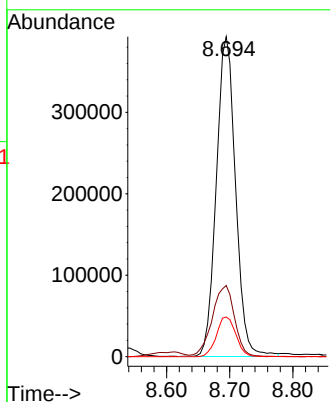
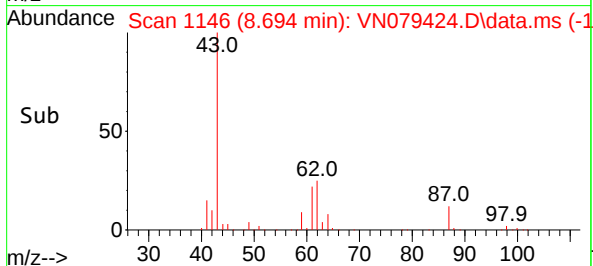
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 830572
Ion Ratio Lower Upper
43 100
61 25.8 24.7 37.1
87 12.5 14.6 21.8

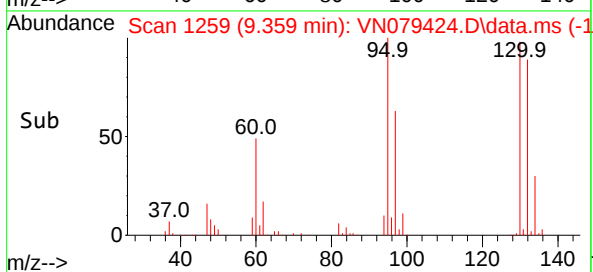
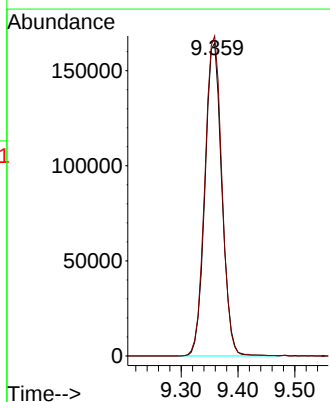
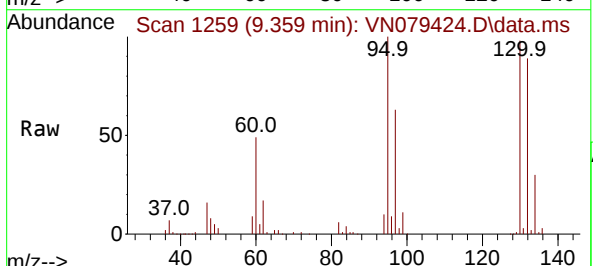
Manual Integrations
APPROVED

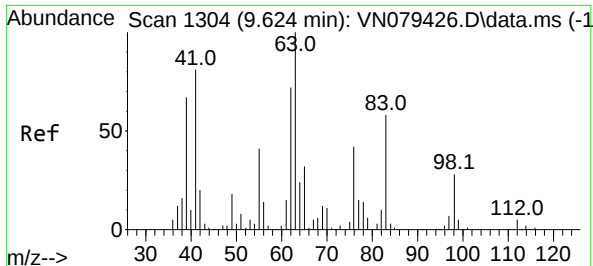
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#44
Trichloroethene
Concen: 101.389 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

Tgt Ion:130 Resp: 337641
Ion Ratio Lower Upper
130 100
95 102.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 102.784 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN079424.D

Acq: 05 Oct 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 383170

Ion Ratio Lower Upper

63 100

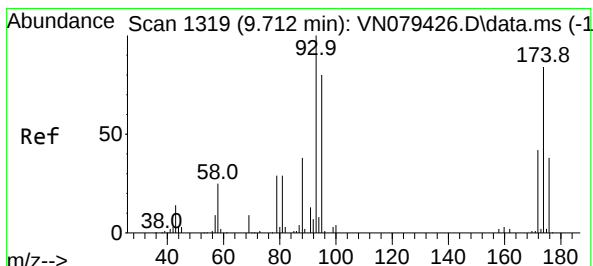
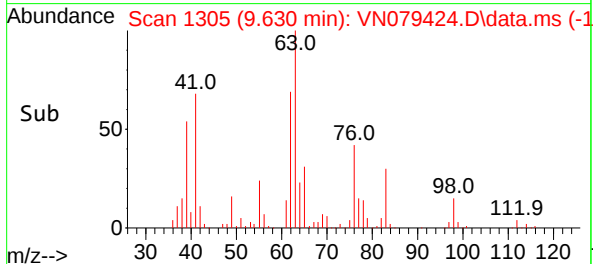
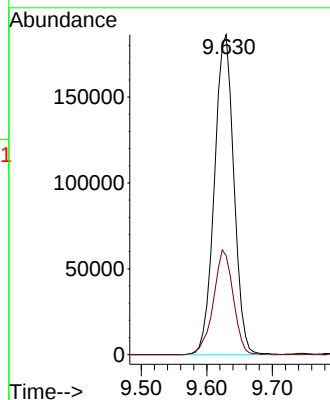
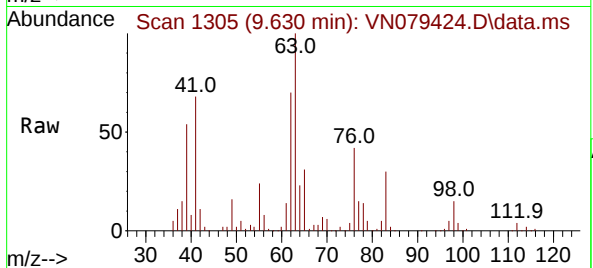
65 31.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#46

Dibromomethane

Concen: 104.990 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079424.D

Acq: 05 Oct 2023 17:02

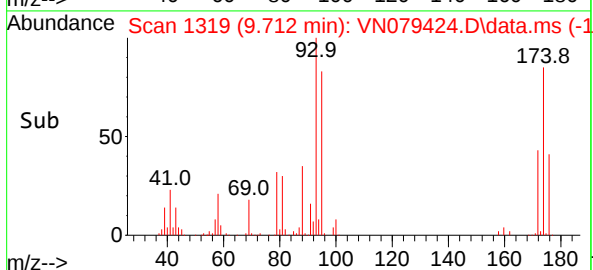
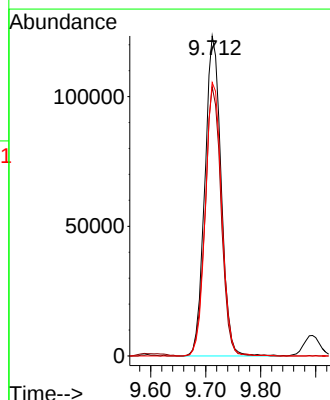
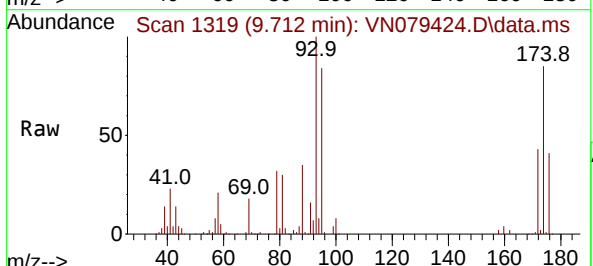
Tgt Ion: 93 Resp: 253489

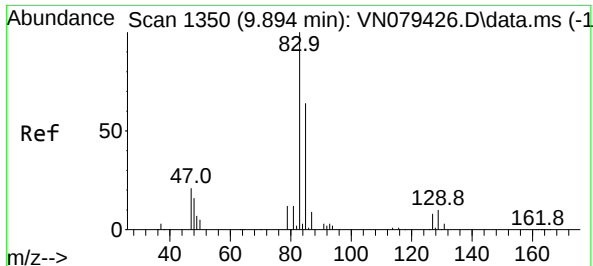
Ion Ratio Lower Upper

93 100

95 82.8 63.8 95.8

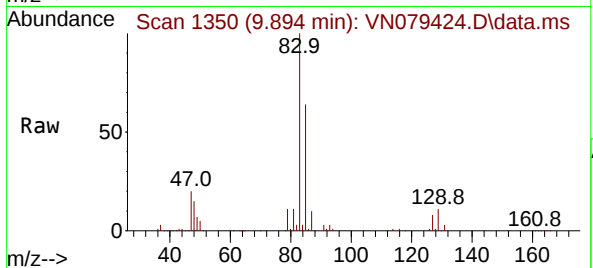
174 85.5 65.6 98.4





#47
Bromodichloromethane
Concen: 104.267 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

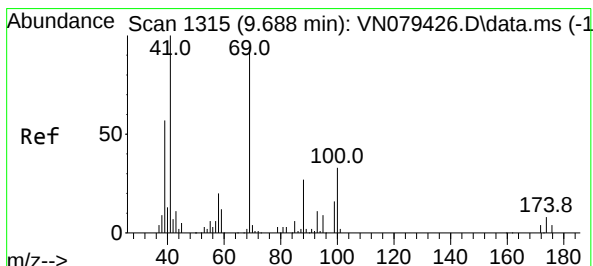
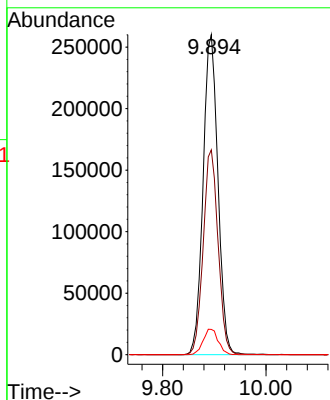
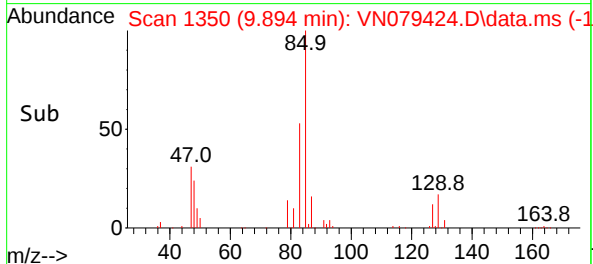
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



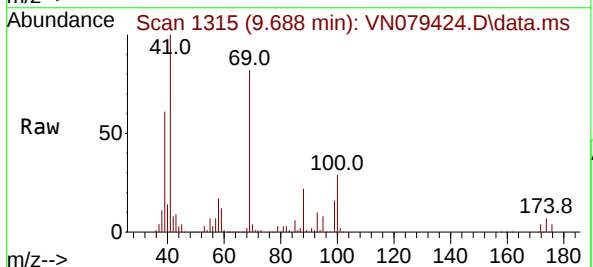
Tgt Ion: 83 Resp: 51784
Ion Ratio Lower Upper
83 100
85 64.0 49.6 74.4
127 7.9 7.0 10.6

Manual Integrations
APPROVED

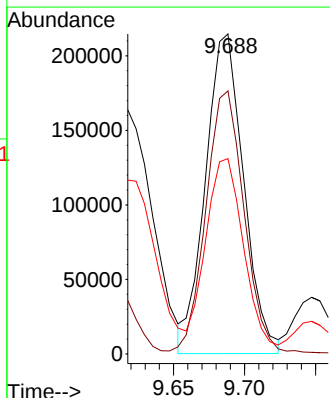
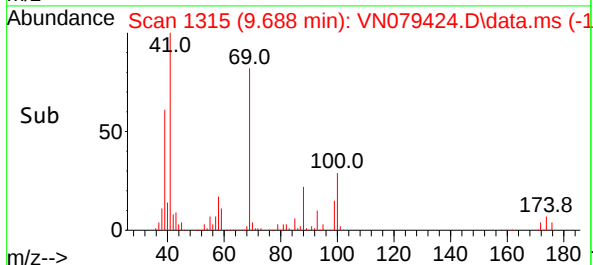
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

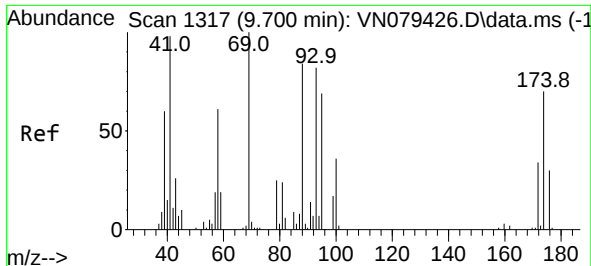


#48
Methyl methacrylate
Concen: 112.893 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02



Tgt Ion: 41 Resp: 401779
Ion Ratio Lower Upper
41 100
69 83.0 90.4 135.6
39 61.2 54.6 81.8





#49

1,4-Dioxane

Concen: 2137.172 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079424.D

Acq: 05 Oct 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 14010

Ion Ratio Lower Upper

88 100

43 31.3 17.0 25.6

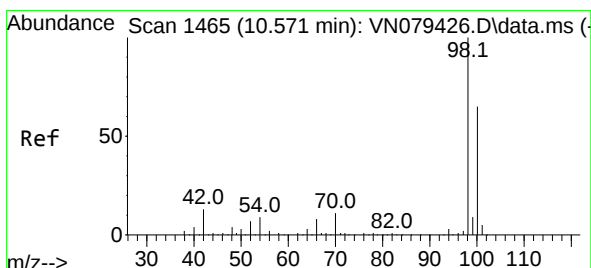
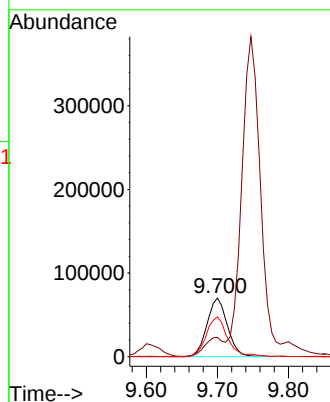
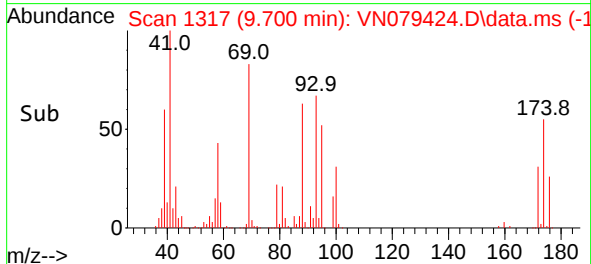
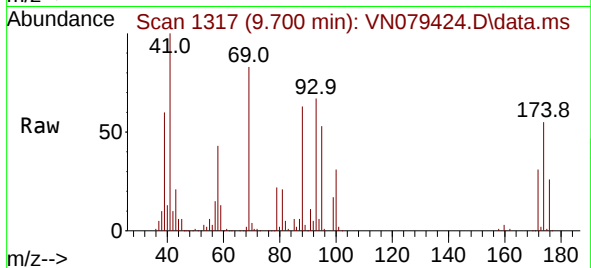
58 70.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#50

Toluene-d8

Concen: 104.132 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079424.D

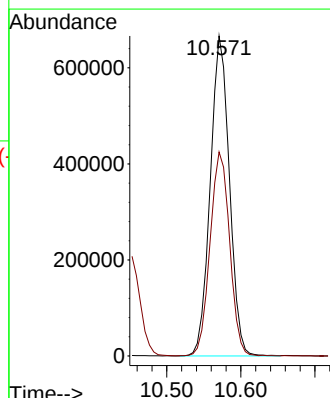
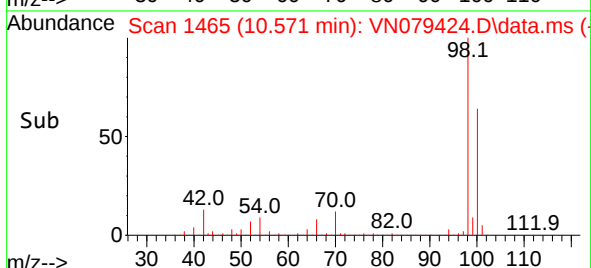
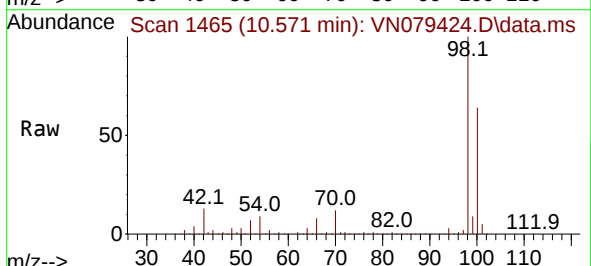
Acq: 05 Oct 2023 17:02

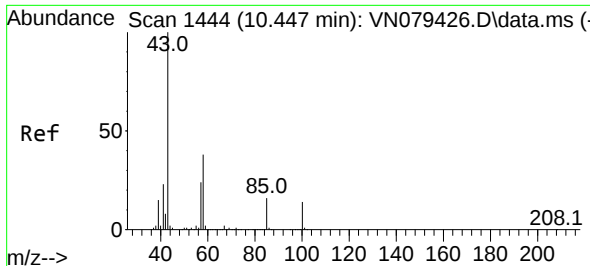
Tgt Ion: 98 Resp: 1196018

Ion Ratio Lower Upper

98 100

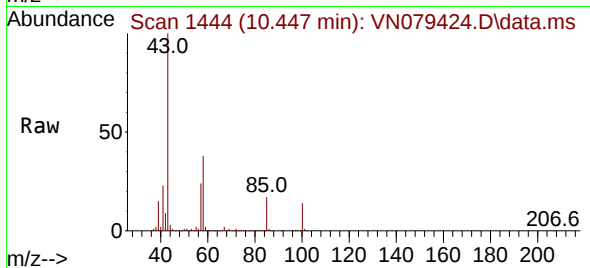
100 65.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 559.050 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

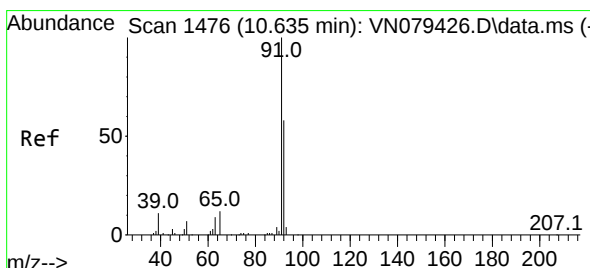
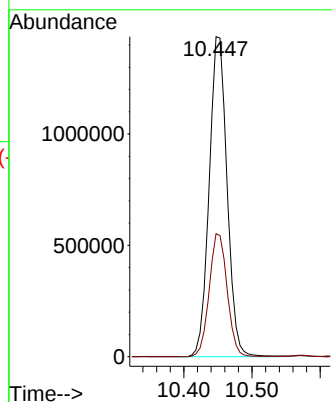
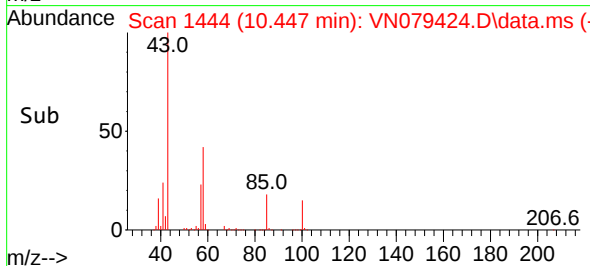
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 262099
Ion Ratio Lower Upper
43 100
58 38.7 36.6 54.8

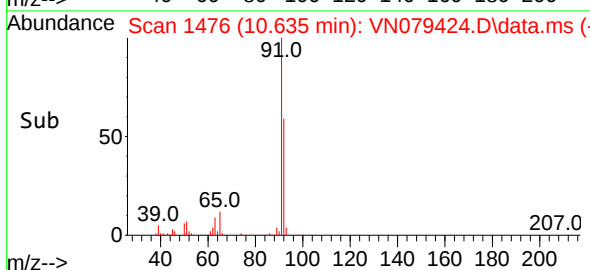
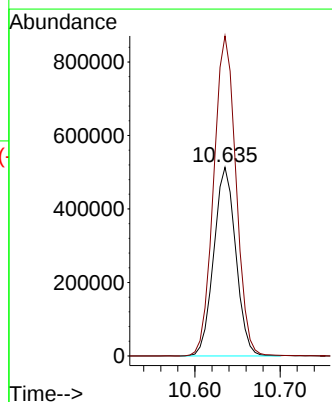
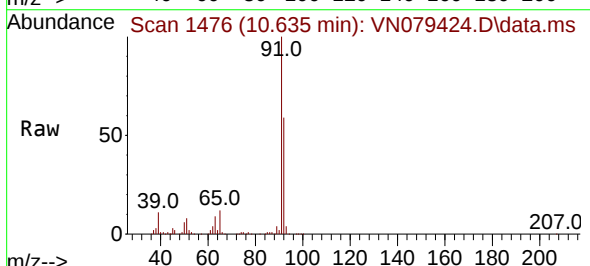
Manual Integrations
APPROVED

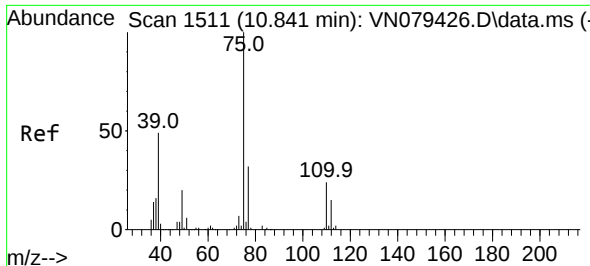
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#52
Toluene
Concen: 110.309 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

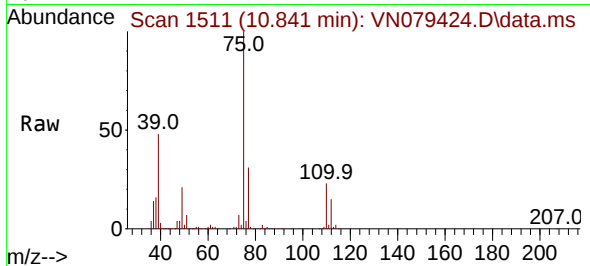
Tgt Ion: 92 Resp: 918714
Ion Ratio Lower Upper
92 100
91 172.7 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 114.245 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079424.D
 Acq: 05 Oct 2023 17:02

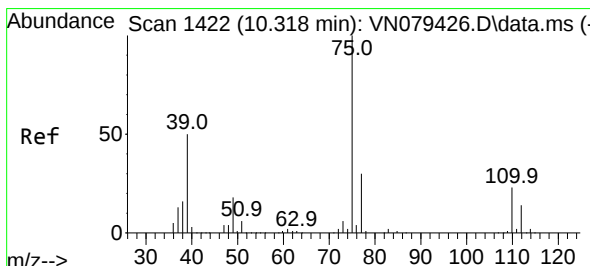
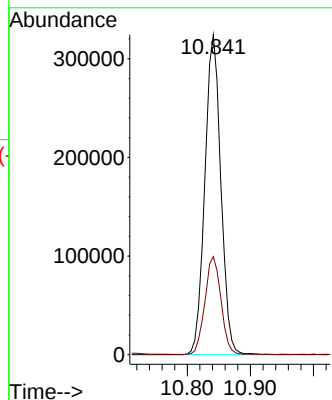
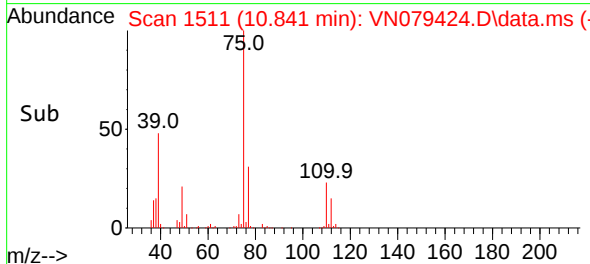
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 57179
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0

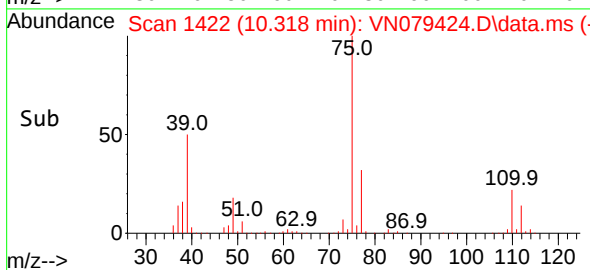
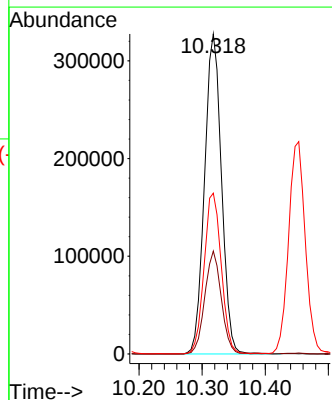
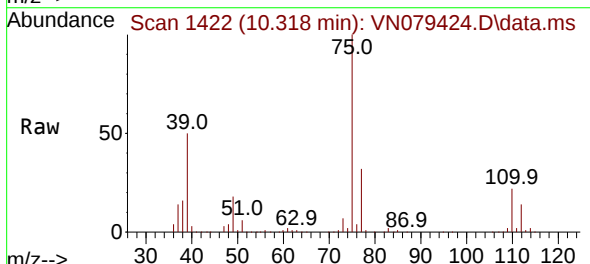
Manual Integrations
 APPROVED

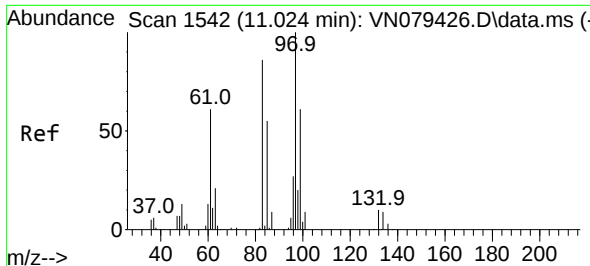
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#54
 cis-1,3-Dichloropropene
 Concen: 111.264 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079424.D
 Acq: 05 Oct 2023 17:02

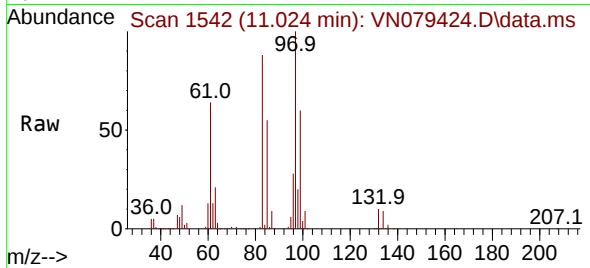
Tgt Ion: 75 Resp: 609611
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.1 39.1
 39 50.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 103.822 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

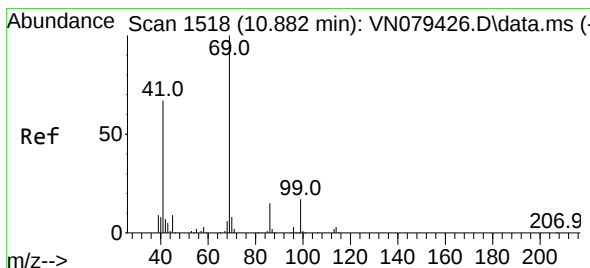
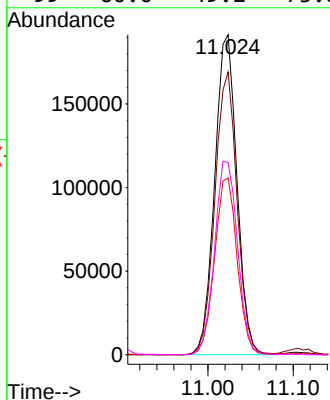
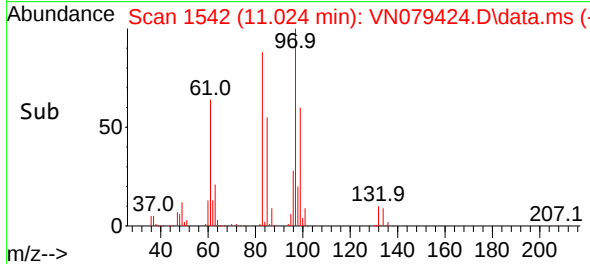
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



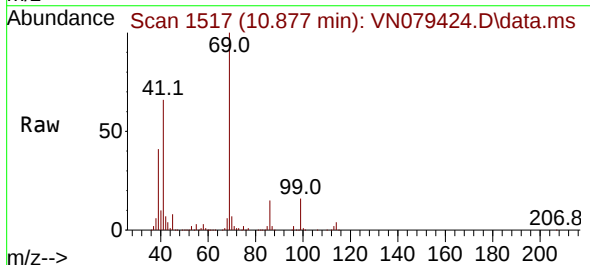
Tgt Ion:	97	Resp:	34714
Ion	Ratio	Lower	Upper
97	100		
83	88.3	65.1	97.7
85	55.2	43.4	65.2
99	60.0	49.2	73.8

Manual Integrations
APPROVED

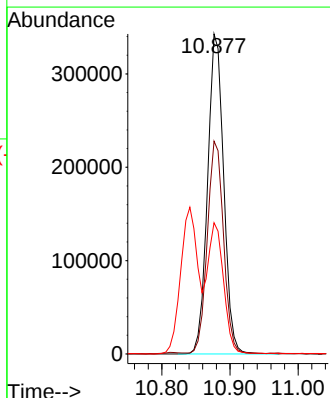
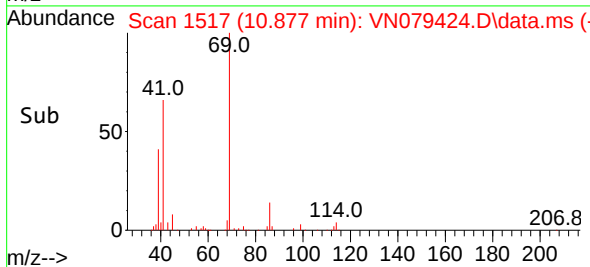
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

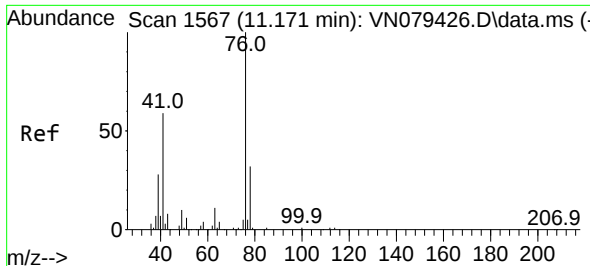


#56
Ethyl methacrylate
Concen: 122.560 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02



Tgt Ion:	69	Resp:	563107
Ion	Ratio	Lower	Upper
69	100		
41	66.8	39.6	59.4
39	40.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 107.702 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079424.D

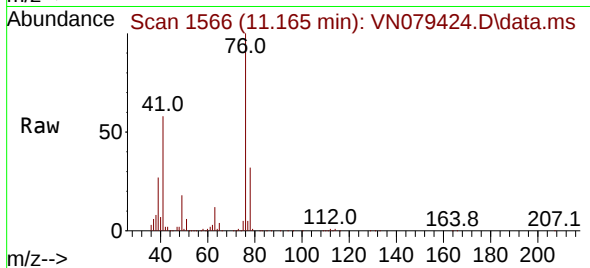
Acq: 05 Oct 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



Tgt Ion: 76 Resp: 621829

Ion Ratio Lower Upper

76 100

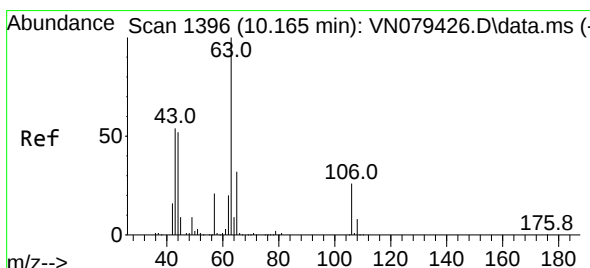
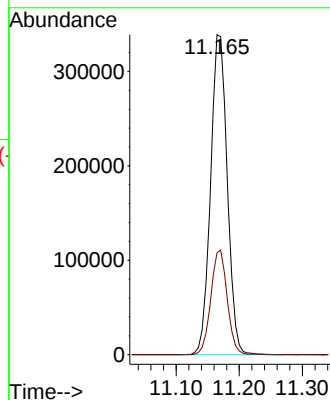
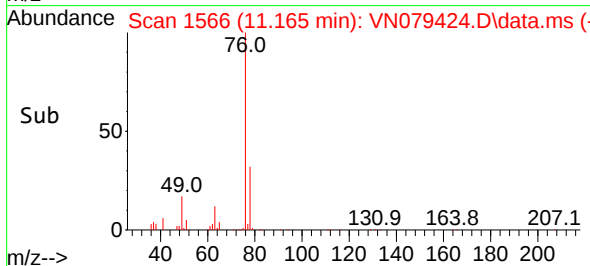
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 614.450 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079424.D

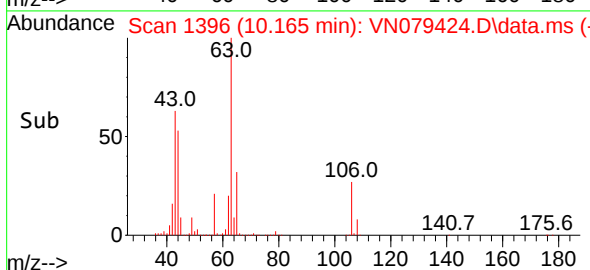
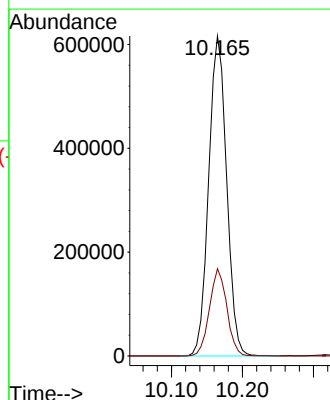
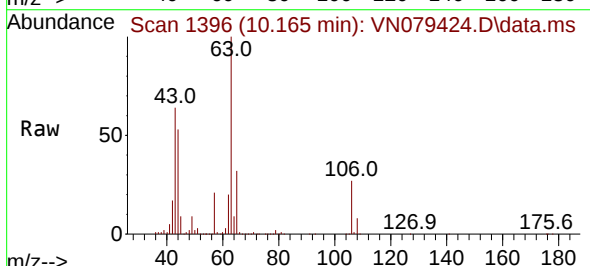
Acq: 05 Oct 2023 17:02

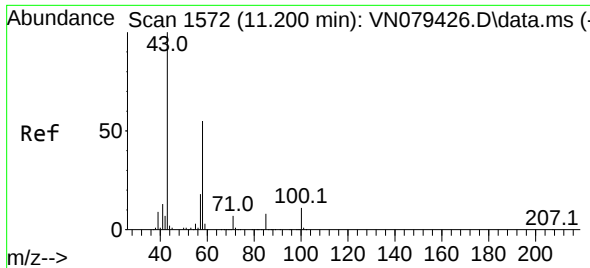
Tgt Ion: 63 Resp: 1081165

Ion Ratio Lower Upper

63 100

106 26.4 26.2 39.4





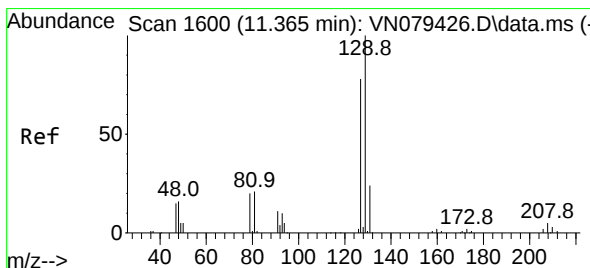
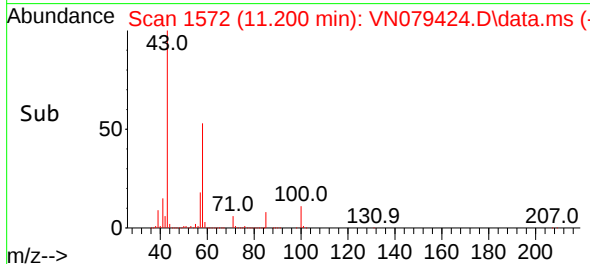
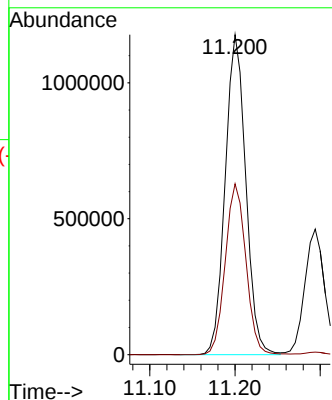
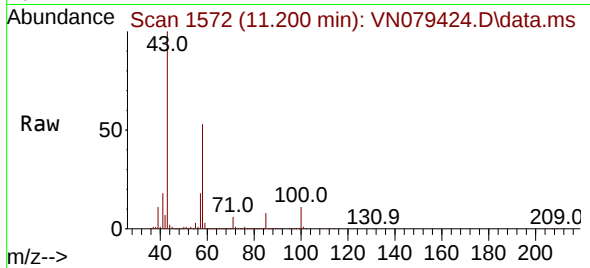
#59
2-Hexanone
Concen: 583.892 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 197537
Ion Ratio Lower Upper
43 100
58 53.7 31.7 95.1

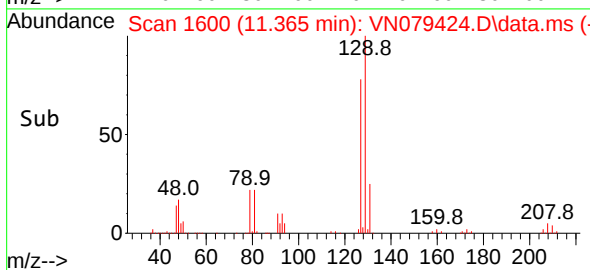
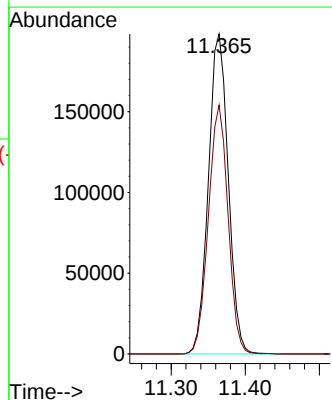
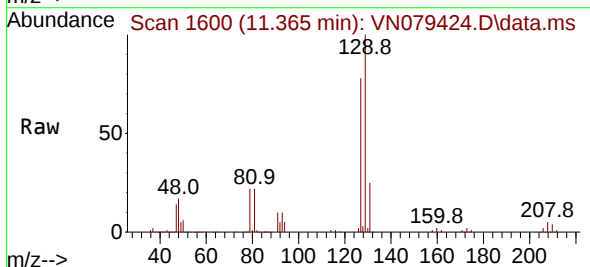
Manual Integrations
APPROVED

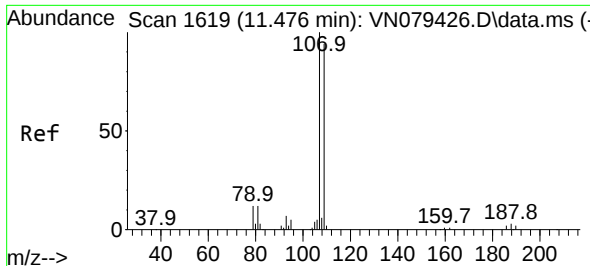
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#60
Dibromochloromethane
Concen: 109.733 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

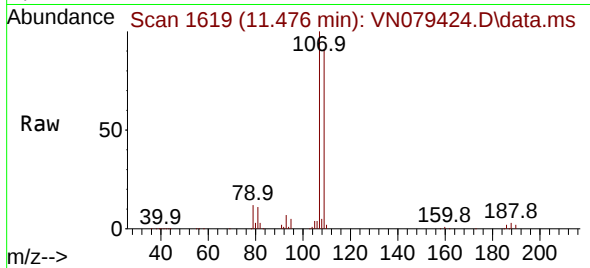
Tgt Ion:129 Resp: 368750
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 106.695 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

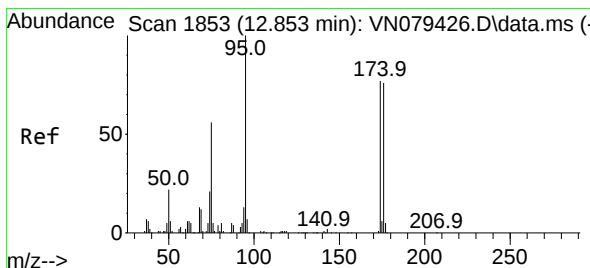
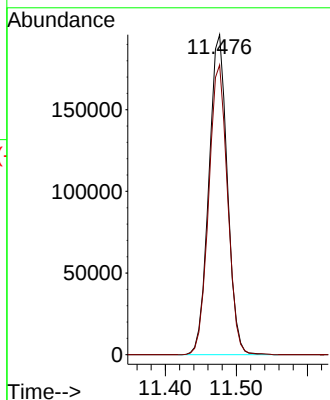
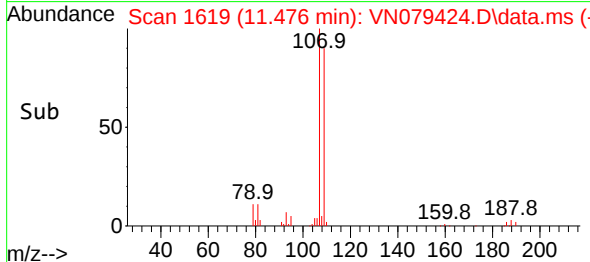
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:107 Resp: 354036
Ion Ratio Lower Upper
107 100
109 92.1 76.6 114.8

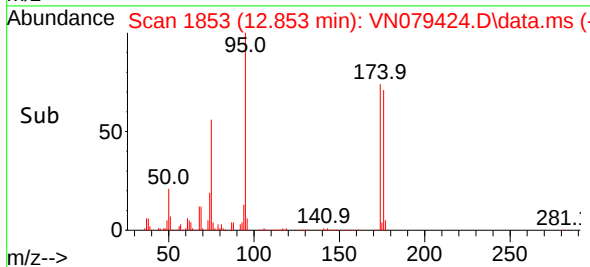
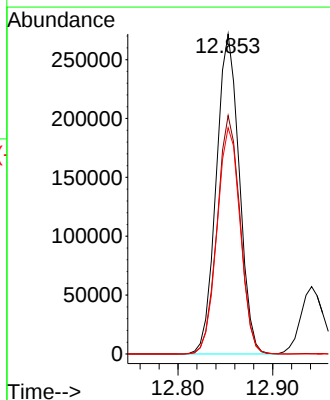
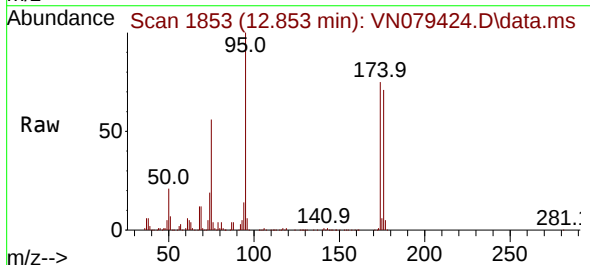
Manual Integrations
APPROVED

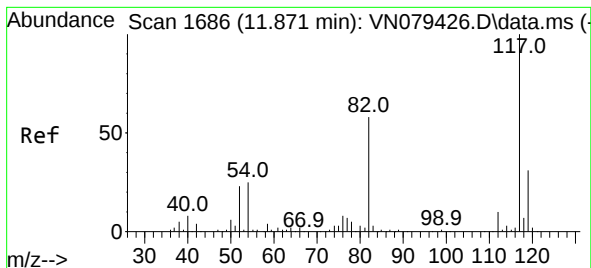
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#62
4-Bromofluorobenzene
Concen: 124.380 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

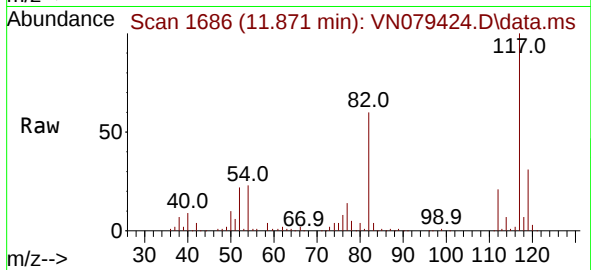
Tgt Ion: 95 Resp: 458460
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 71.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

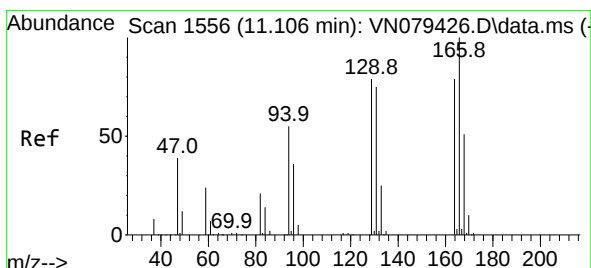
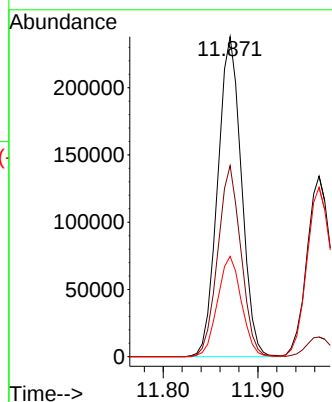
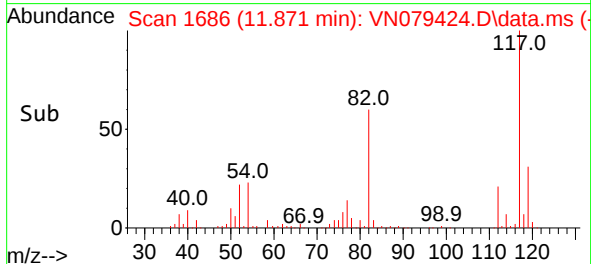
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 41490
Ion Ratio Lower Upper
117 100
82 59.7 44.0 66.0
119 31.4 25.6 38.4

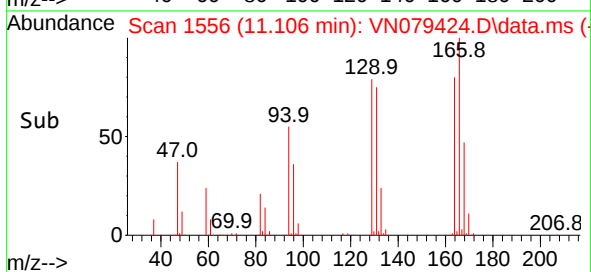
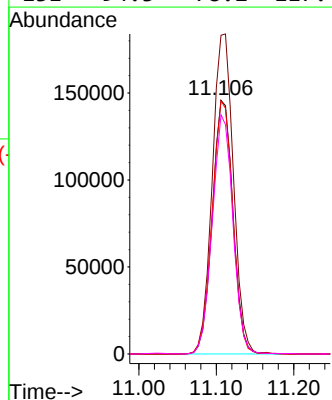
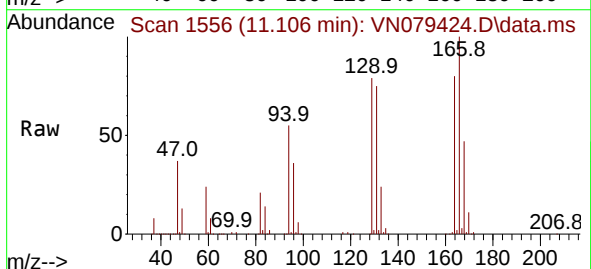
Manual Integrations
APPROVED

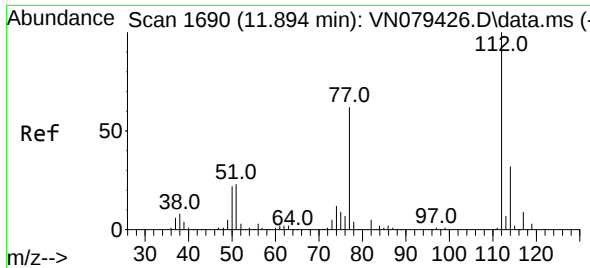
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#64
Tetrachloroethene
Concen: 94.754 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

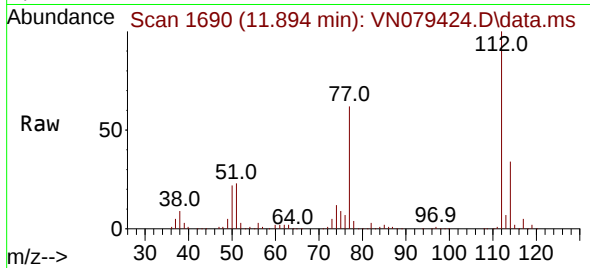
Tgt Ion:164 Resp: 270449
Ion Ratio Lower Upper
164 100
166 125.7 101.4 152.0
129 99.9 82.4 123.6
131 94.3 78.2 117.4





#65
Chlorobenzene
Concen: 99.105 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

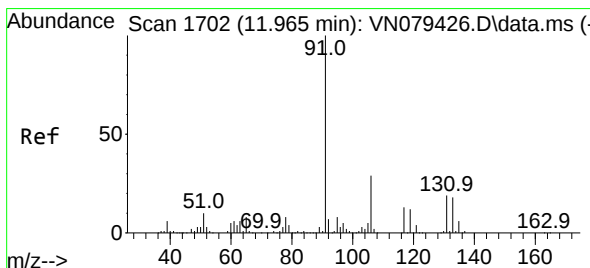
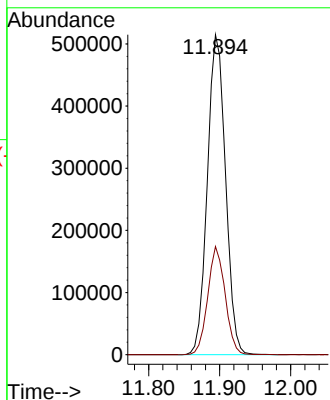
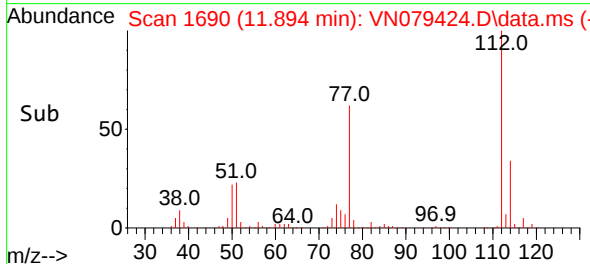
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:112 Resp: 915728
Ion Ratio Lower Upper
112 100
114 33.8 25.0 37.4

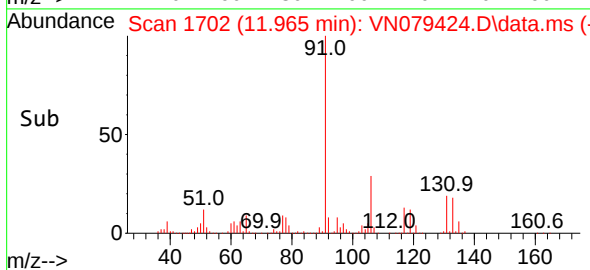
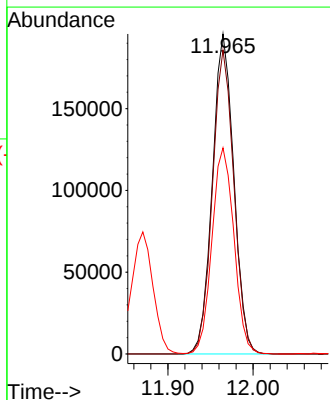
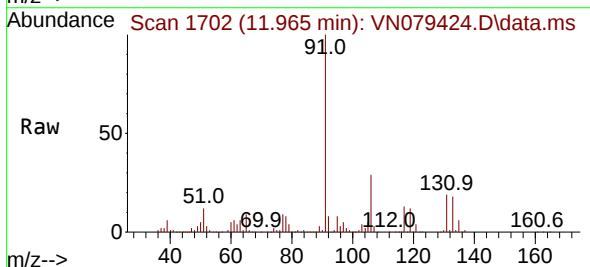
Manual Integrations
APPROVED

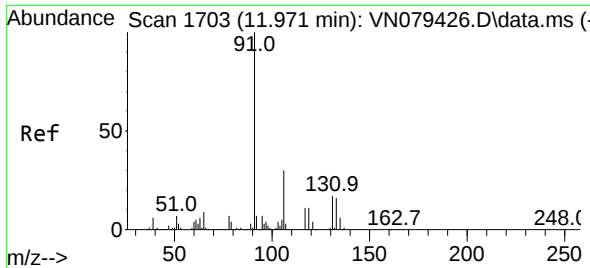
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 101.053 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

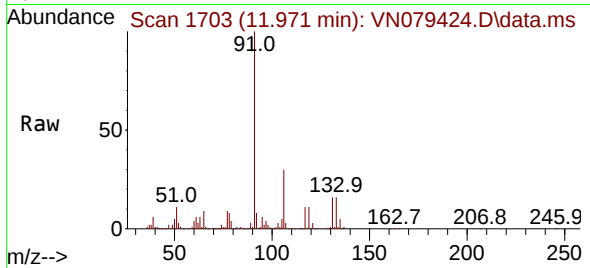
Tgt Ion:131 Resp: 341881
Ion Ratio Lower Upper
131 100
133 95.1 46.4 139.1
119 66.0 34.1 102.2





#67
Ethyl Benzene
Concen: 110.668 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

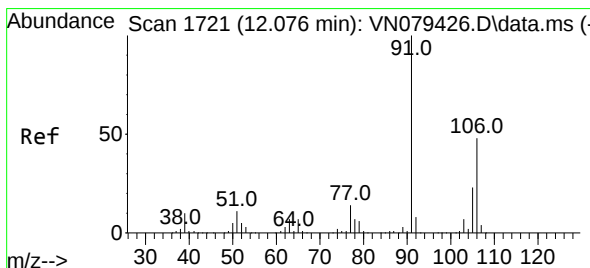
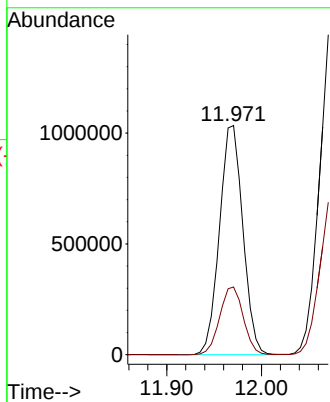
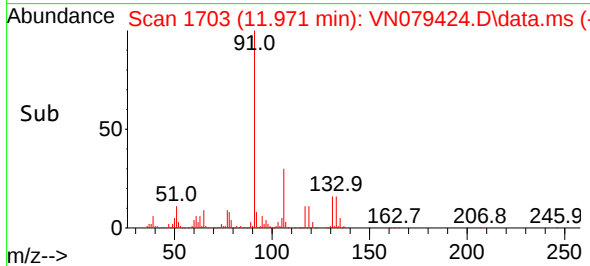
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



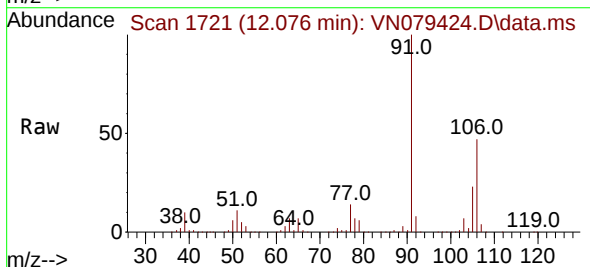
Tgt Ion: 91 Resp: 1777352
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4

Manual Integrations
APPROVED

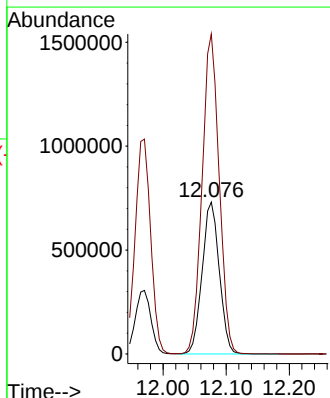
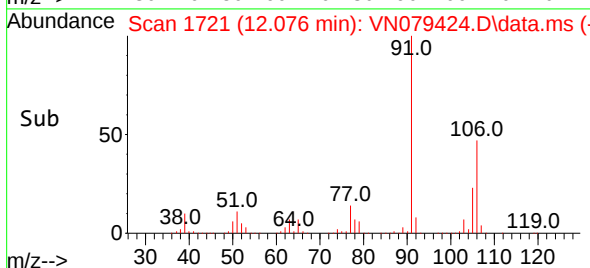
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

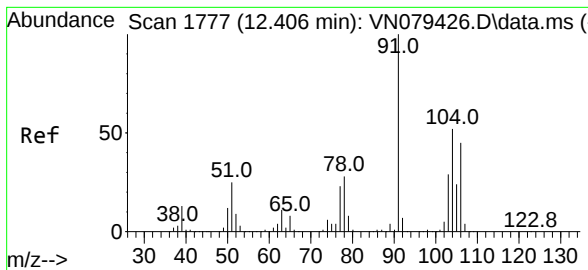


#68
m/p-Xylenes
Concen: 236.081 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02



Tgt Ion:106 Resp: 1377621
Ion Ratio Lower Upper
106 100
91 209.7 159.6 239.4





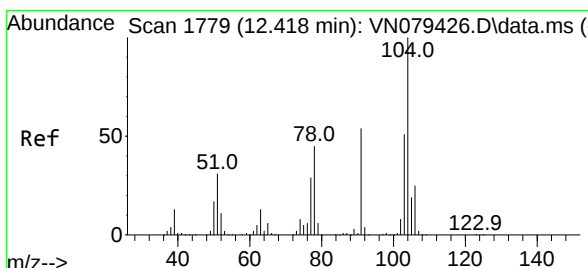
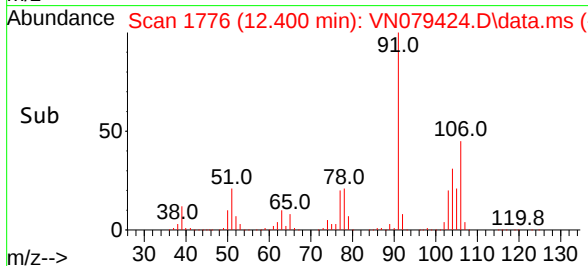
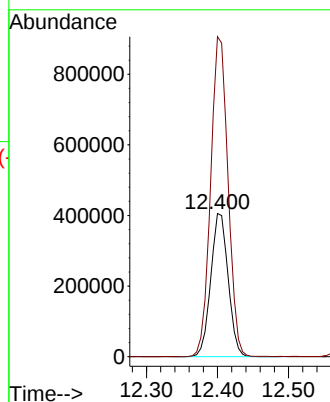
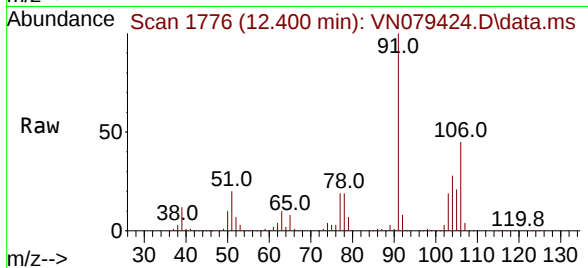
#69
o-Xylene
Concen: 119.923 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 68821
Ion Ratio Lower Upper
106 100
91 224.0 105.2 315.5

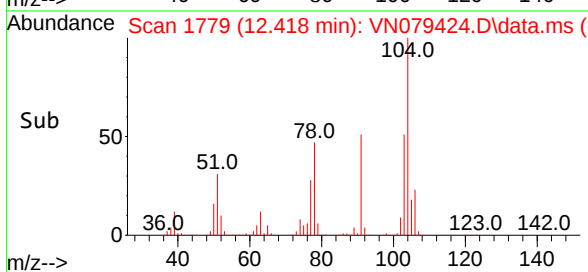
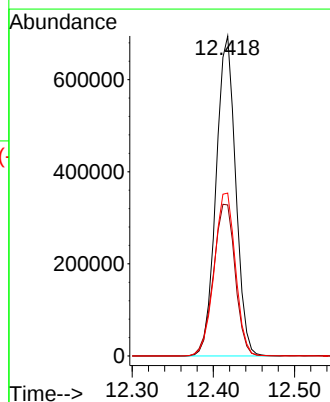
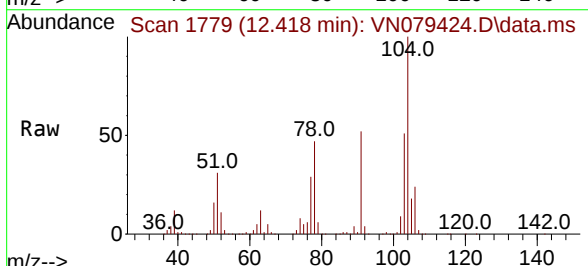
Manual Integrations
APPROVED

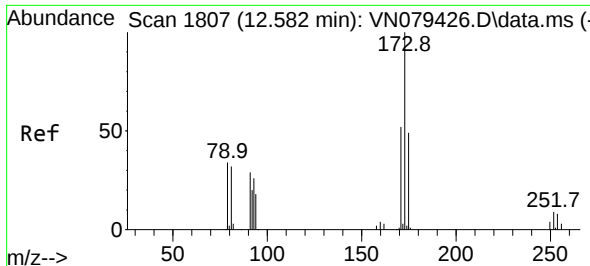
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#70
Styrene
Concen: 128.667 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

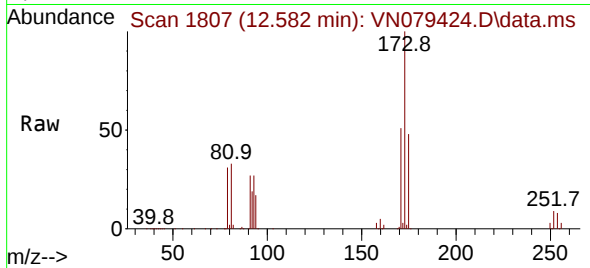
Tgt Ion:104 Resp: 1166331
Ion Ratio Lower Upper
104 100
78 52.7 39.5 59.3
103 55.2 43.2 64.8





#71
Bromoform
Concen: 117.981 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

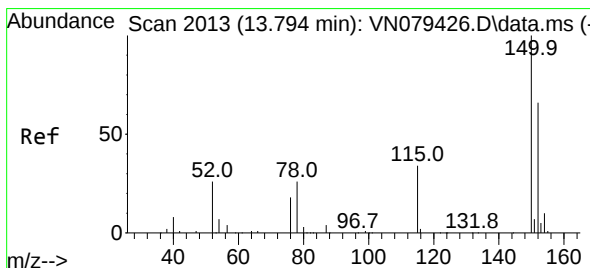
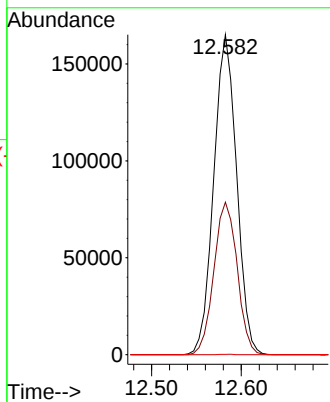
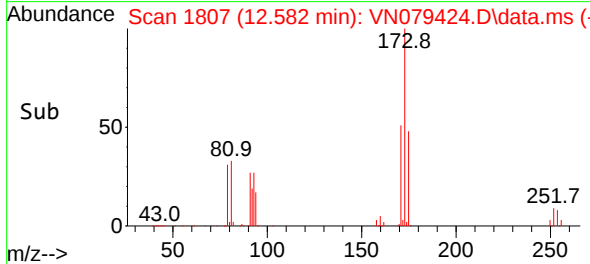
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:173 Resp: 29213
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.1 0.0 0.0

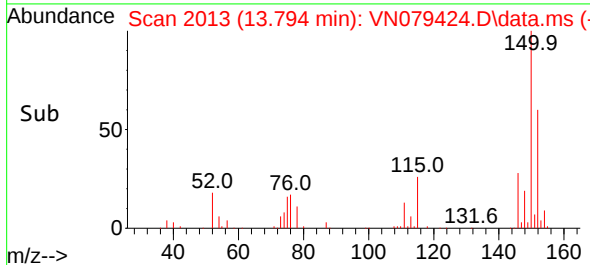
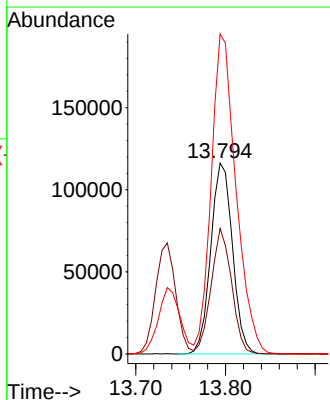
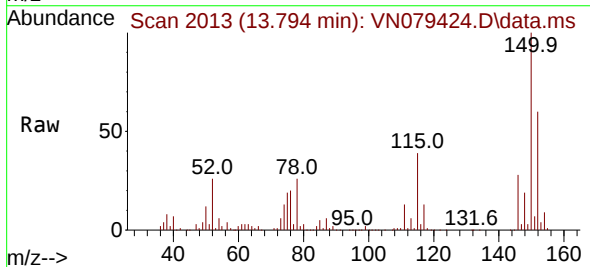
Manual Integrations
APPROVED

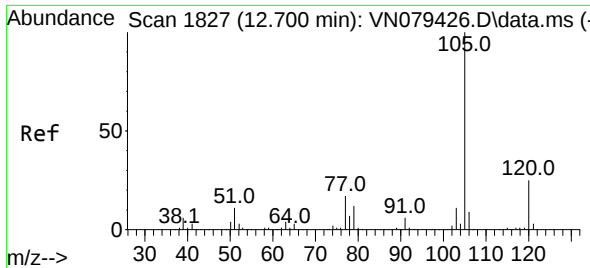
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

Tgt Ion:152 Resp: 195403
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 191.3 0.0 355.8





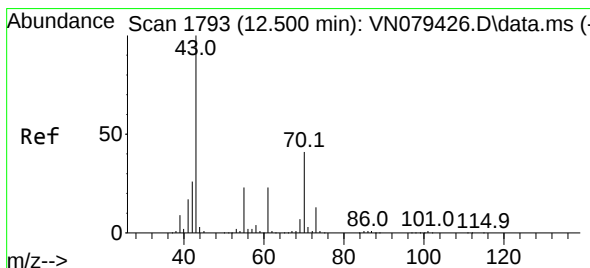
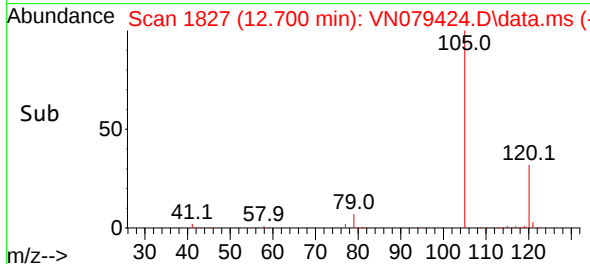
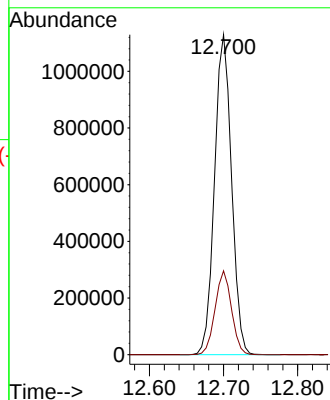
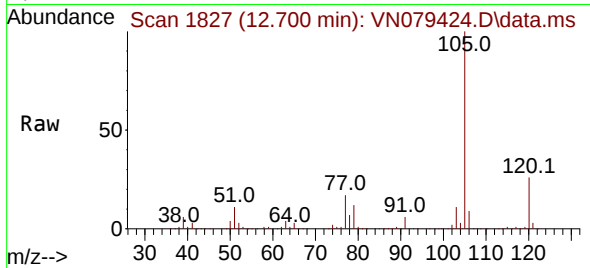
#73
Isopropylbenzene
Concen: 99.000 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:105 Resp: 1799704
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.1

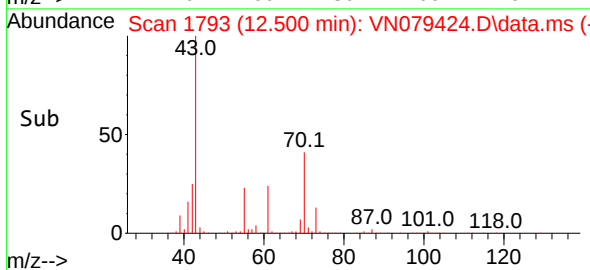
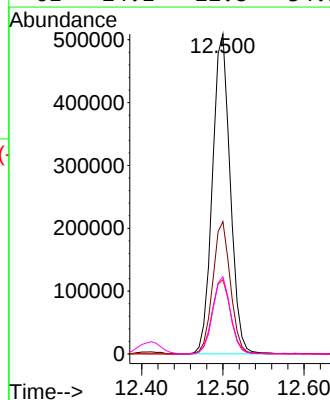
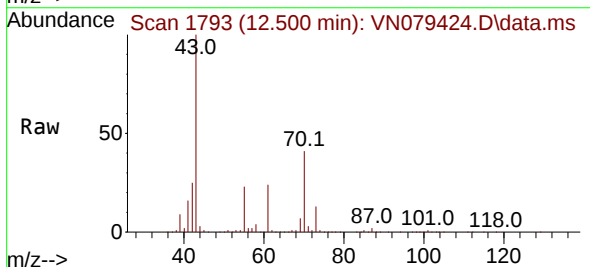
Manual Integrations
APPROVED

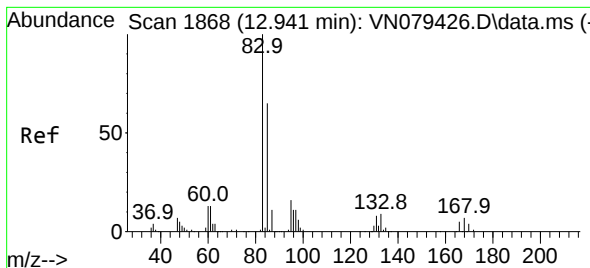
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#74
N-ethyl acetate
Concen: 103.924 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

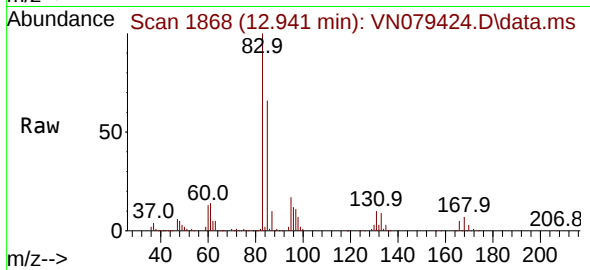
Tgt Ion: 43 Resp: 774506
Ion Ratio Lower Upper
43 100
70 41.2 43.4 65.2#
55 24.6 21.4 32.0
61 24.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 100.538 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

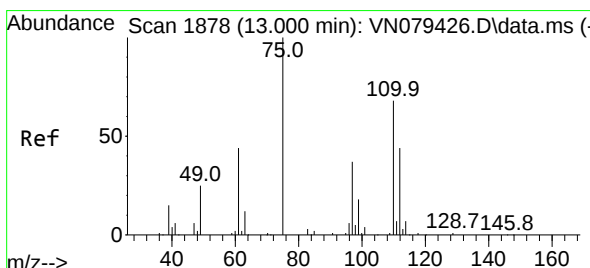
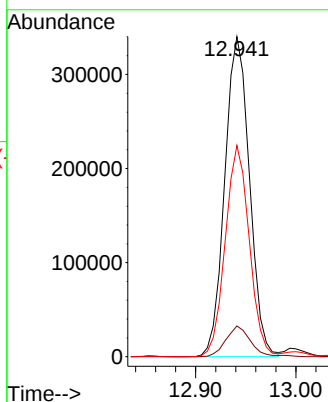
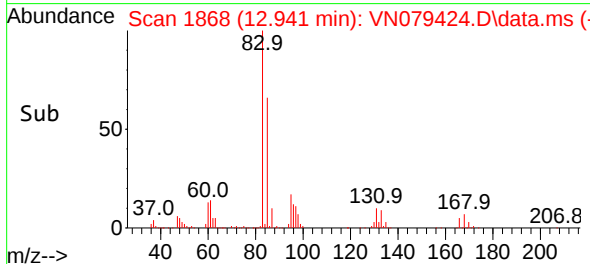
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 58271
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 64.1 31.9 95.7

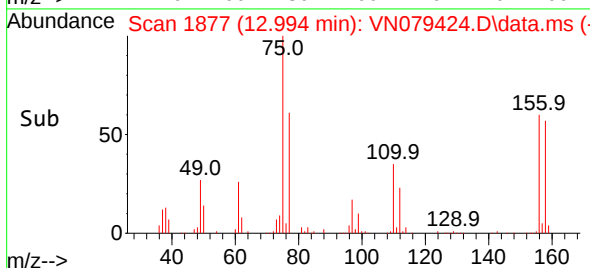
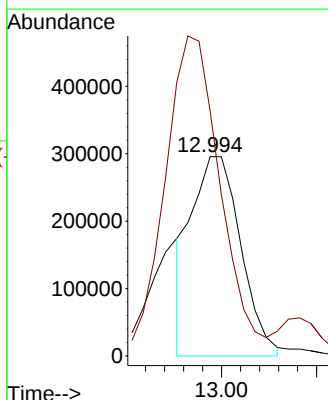
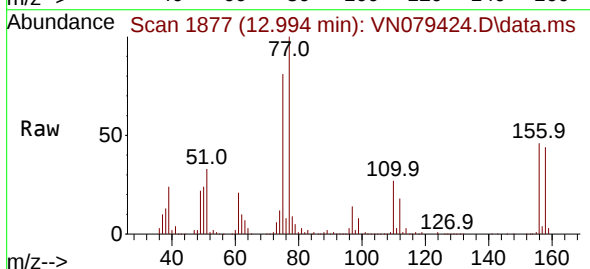
Manual Integrations
APPROVED

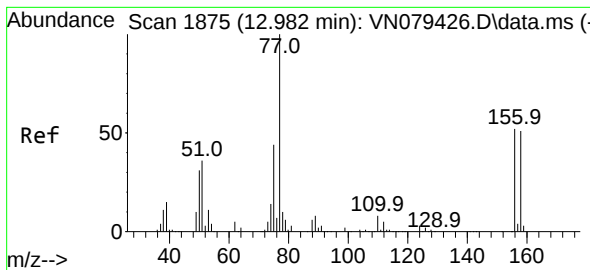
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#76
1,2,3-Trichloropropane
Concen: 92.242 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

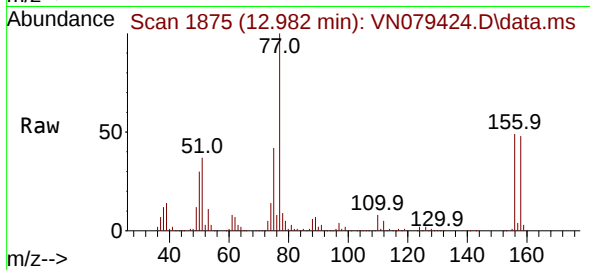
Tgt Ion: 75 Resp: 534139
Ion Ratio Lower Upper
75 100
77 180.3 84.5 253.5





#77
Bromobenzene
Concen: 92.372 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

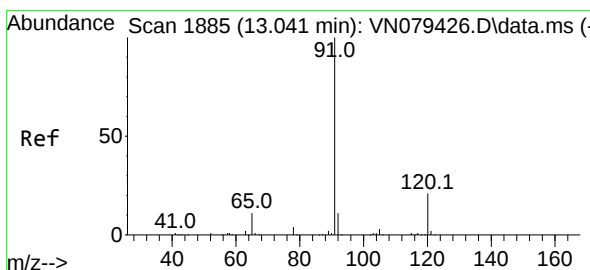
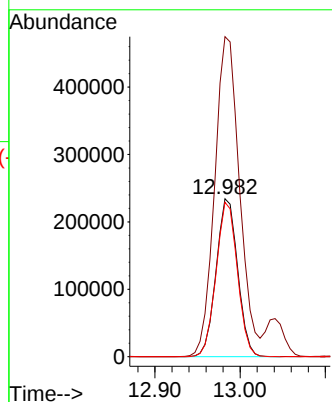
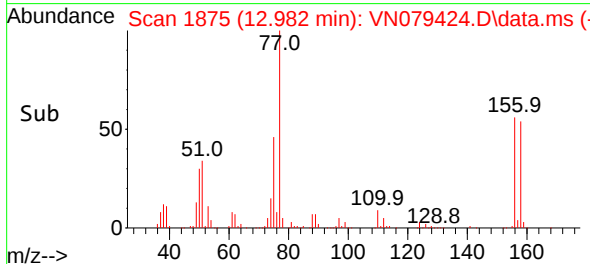
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:156 Resp: 411744
Ion Ratio Lower Upper
156 100
77 233.9 107.7 323.3
158 96.6 48.4 145.3

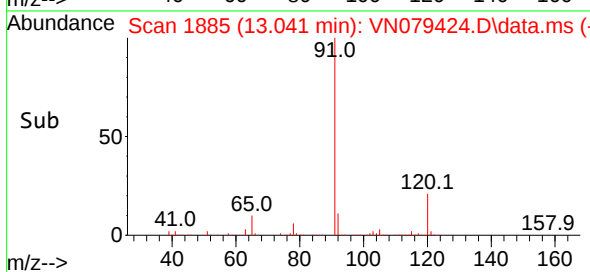
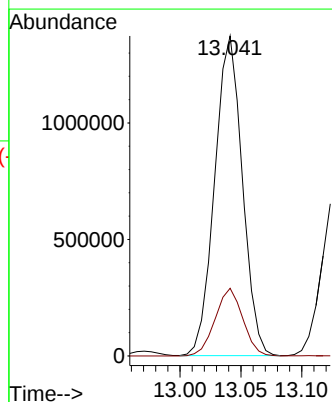
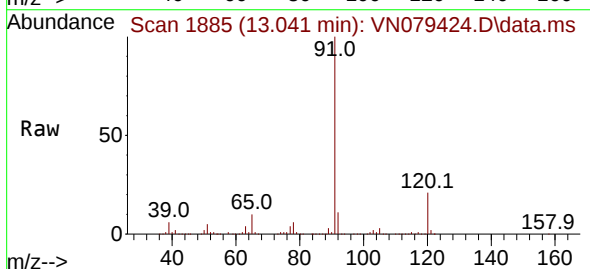
Manual Integrations
APPROVED

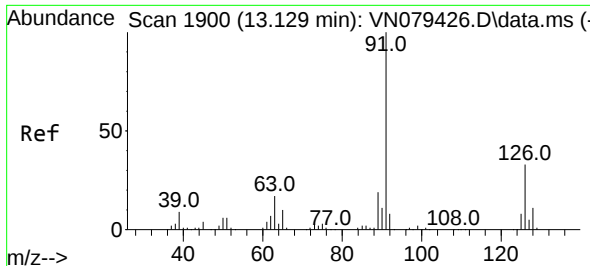
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#78
n-propylbenzene
Concen: 105.481 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

Tgt Ion: 91 Resp: 2169515
Ion Ratio Lower Upper
91 100
120 21.1 11.5 34.4





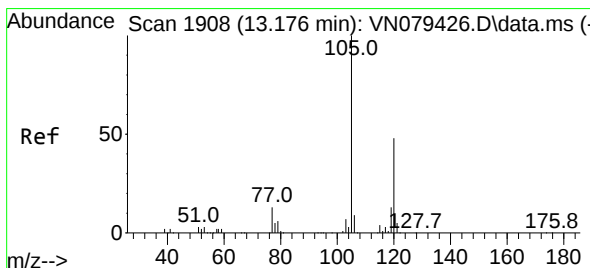
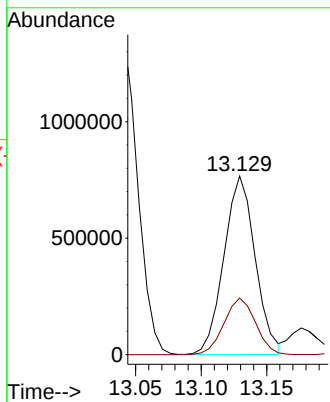
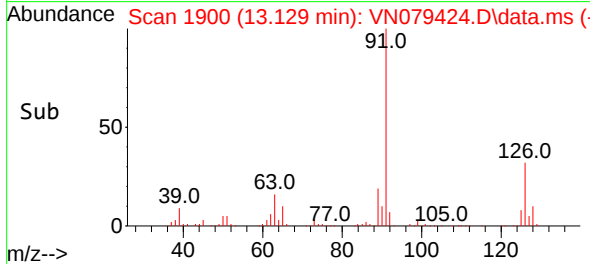
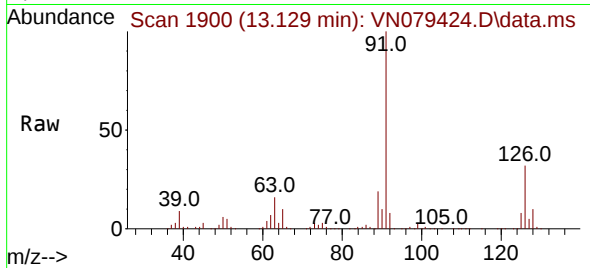
#79
2-Chlorotoluene
Concen: 96.481 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1269808
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8

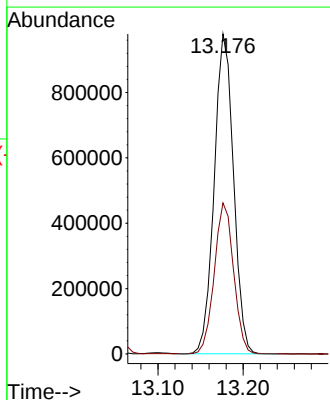
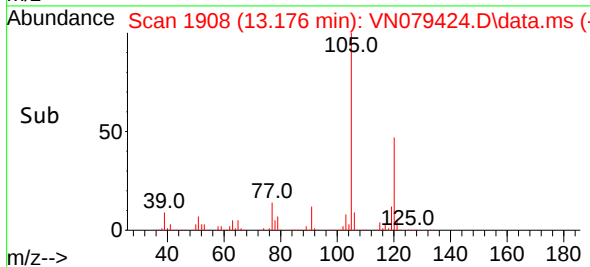
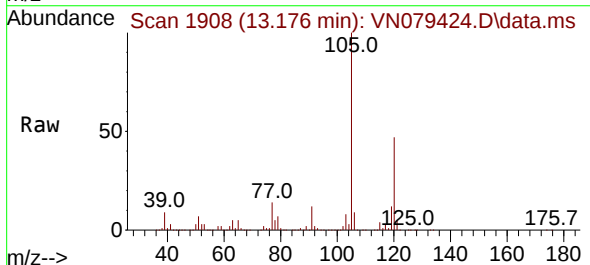
Manual Integrations
APPROVED

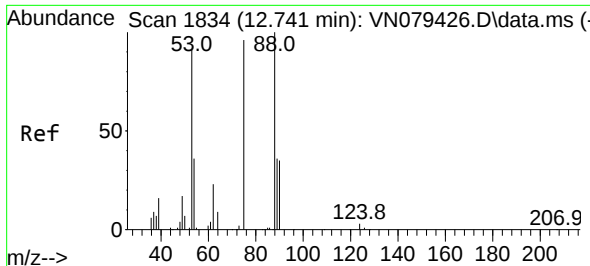
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 107.445 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

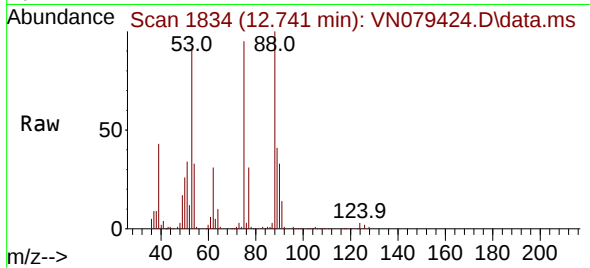
Tgt Ion:105 Resp: 1540219
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 100.941 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

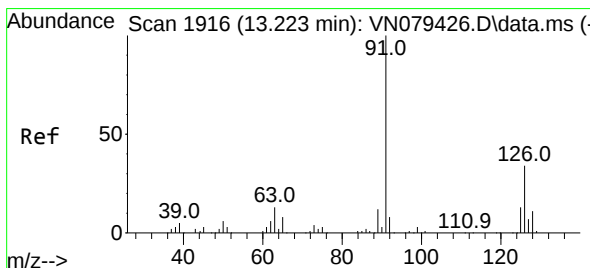
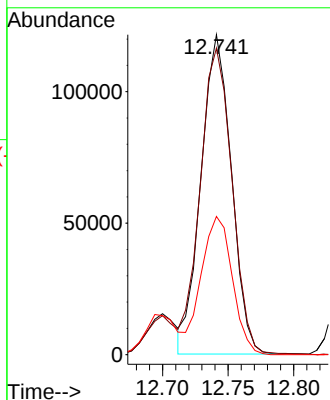
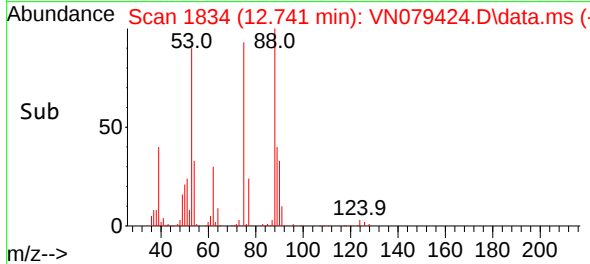
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 196000
Ion Ratio Lower Upper
75 100
53 101.0 67.4 101.2
89 43.8 38.8 58.2

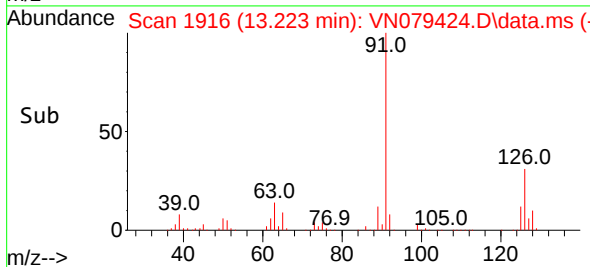
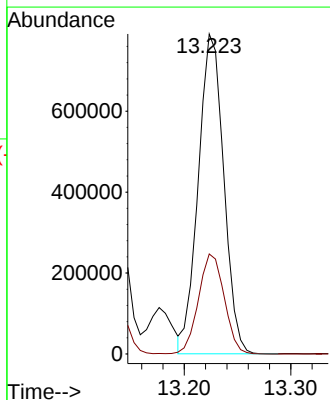
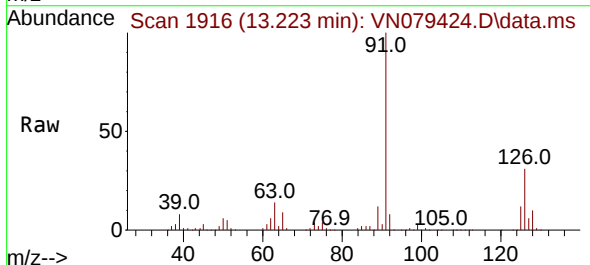
Manual Integrations
APPROVED

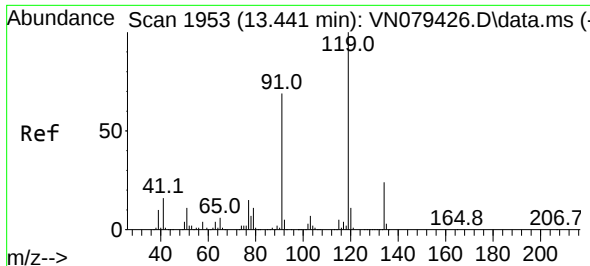
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#82
4-Chlorotoluene
Concen: 104.689 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

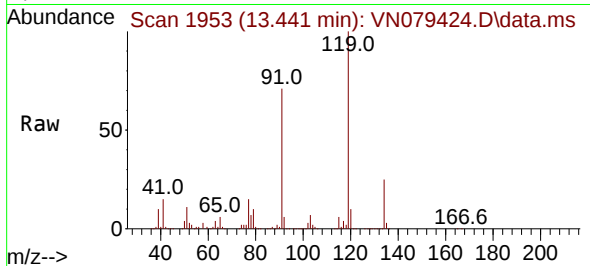
Tgt Ion: 91 Resp: 1311124
Ion Ratio Lower Upper
91 100
126 31.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 107.441 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

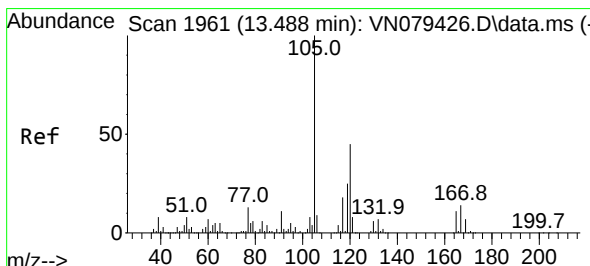
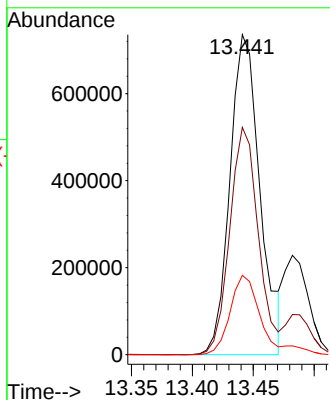
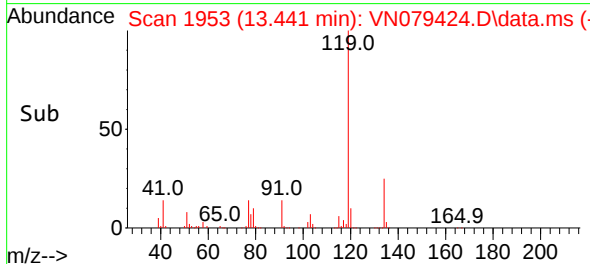
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



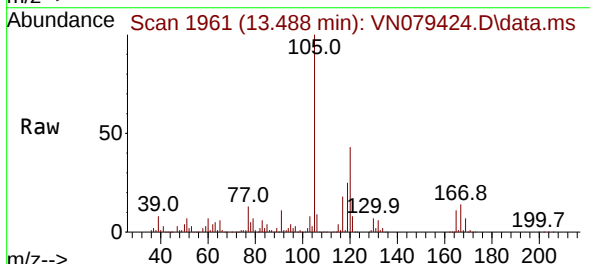
Tgt Ion:119 Resp: 126185
Ion Ratio Lower Upper
119 100
91 67.7 33.9 101.7
134 25.9 13.2 39.6

Manual Integrations
APPROVED

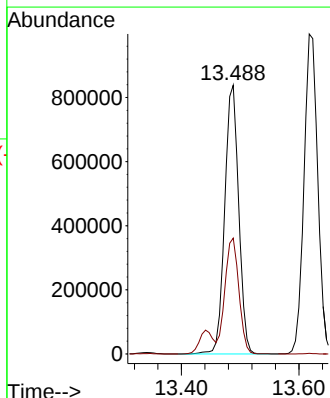
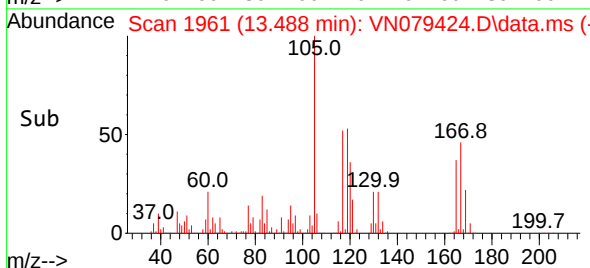
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

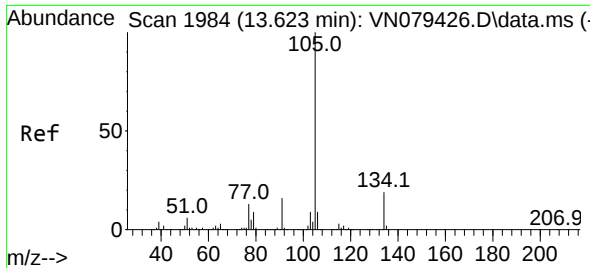


#84
1,2,4-Trimethylbenzene
Concen: 101.218 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02



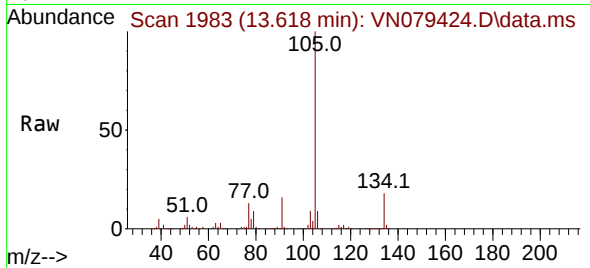
Tgt Ion:105 Resp: 1384694
Ion Ratio Lower Upper
105 100
120 43.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 99.071 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079424.D
 Acq: 05 Oct 2023 17:02

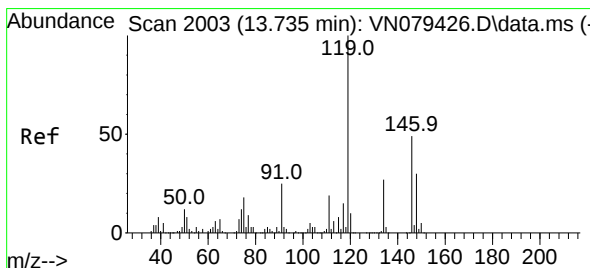
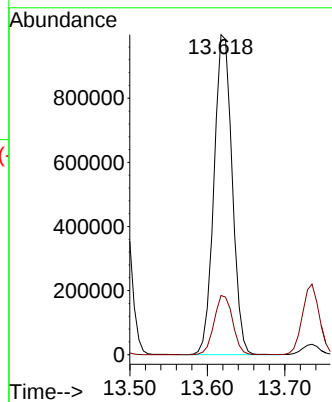
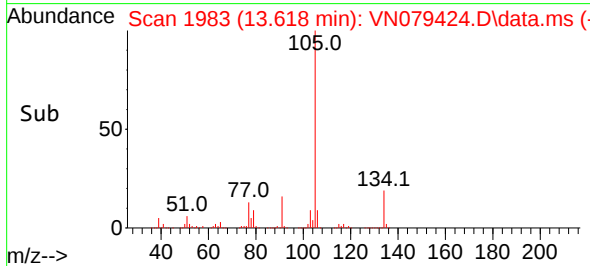
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion:105 Resp: 1622974
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.3

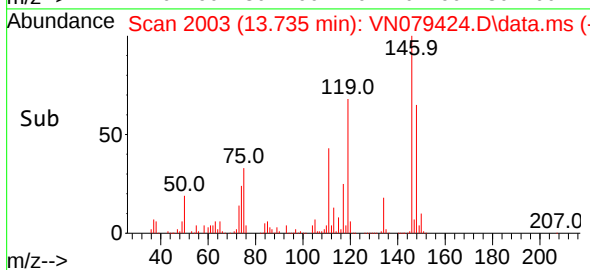
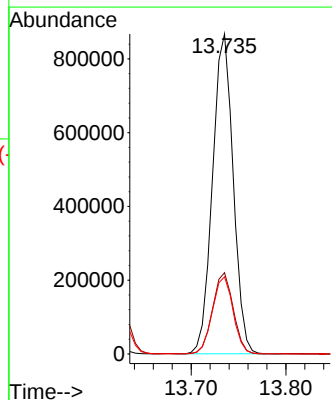
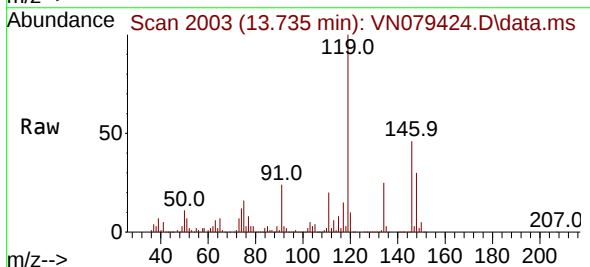
Manual Integrations
 APPROVED

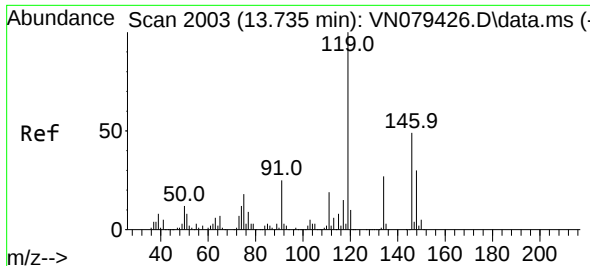
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#86
 p-Isopropyltoluene
 Concen: 104.506 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079424.D
 Acq: 05 Oct 2023 17:02

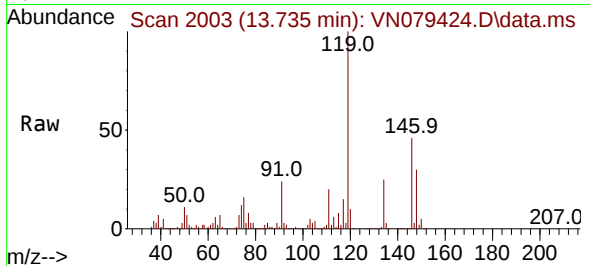
Tgt Ion:119 Resp: 1313361
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.1 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 96.174 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079424.D
 Acq: 05 Oct 2023 17:02

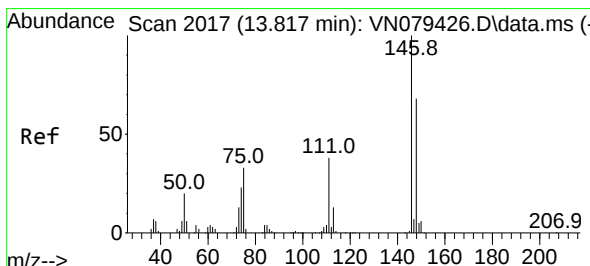
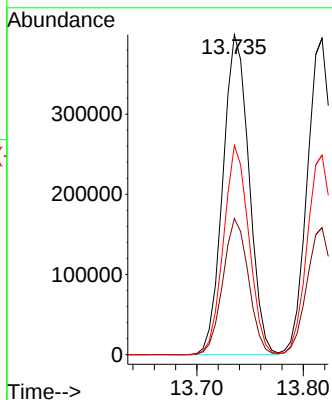
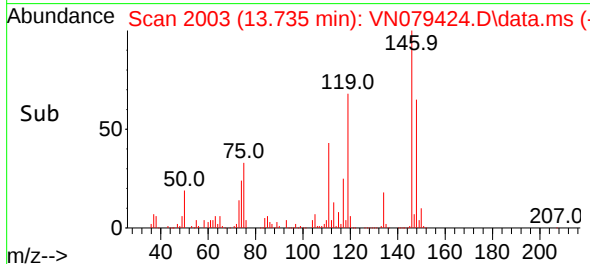
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



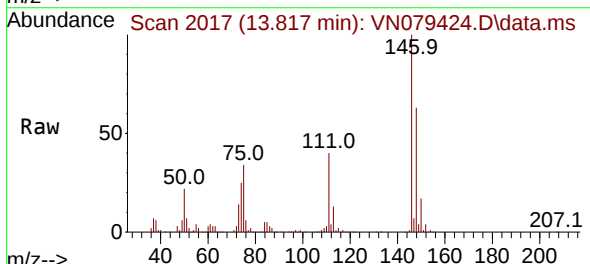
Tgt Ion:146 Resp: 679934
 Ion Ratio Lower Upper
 146 100
 111 41.7 22.1 66.3
 148 63.5 32.0 96.0

Manual Integrations
 APPROVED

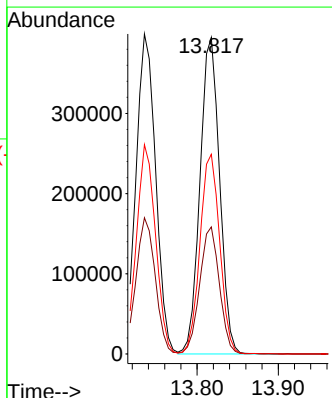
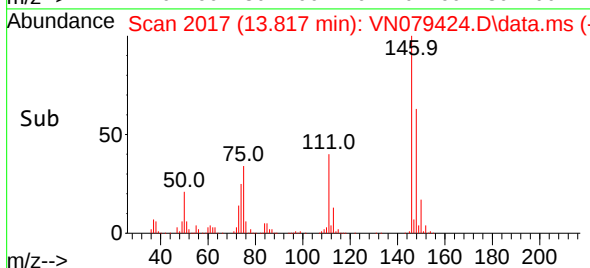
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023

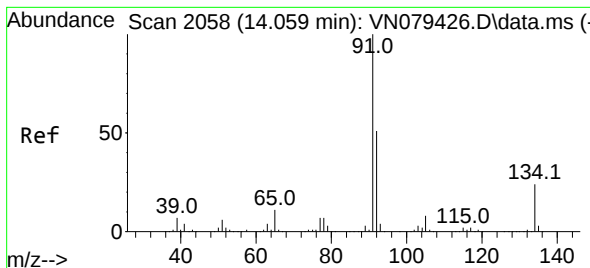


#88
 1,4-Dichlorobenzene
 Concen: 90.613 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN079424.D
 Acq: 05 Oct 2023 17:02



Tgt Ion:146 Resp: 661473
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.6 61.8
 148 63.6 31.6 94.8





#89
n-Butylbenzene
Concen: 111.247 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

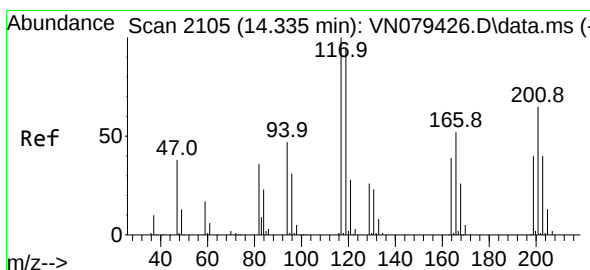
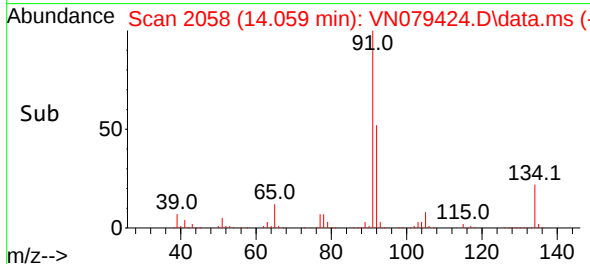
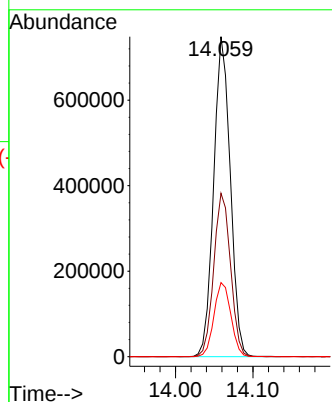
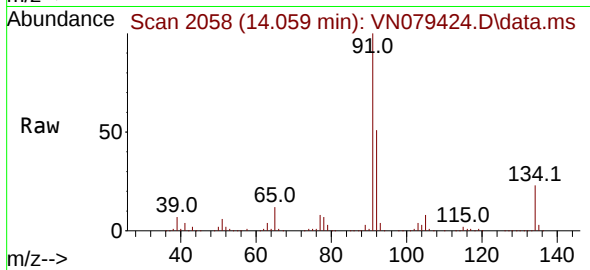
VSTDICC100

Tgt Ion: 91 Resp: 1116438
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 23.5 12.6 37.6

Manual Integrations

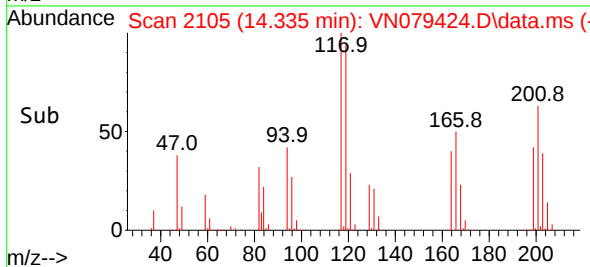
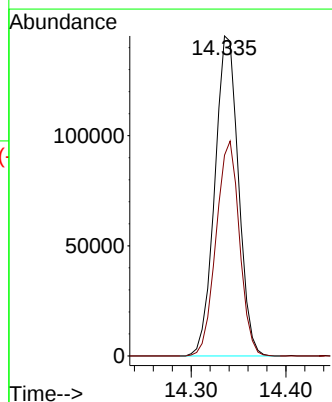
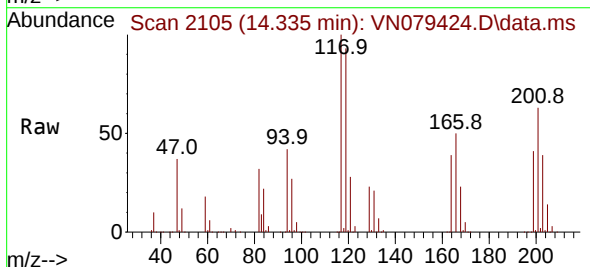
APPROVED

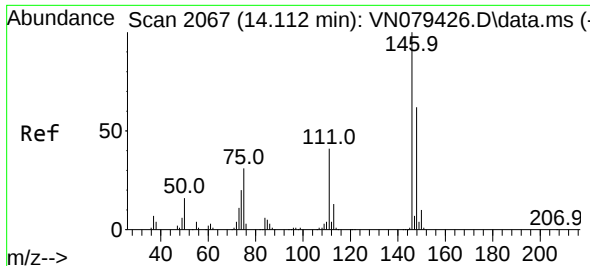
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#90
Hexachloroethane
Concen: 99.850 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

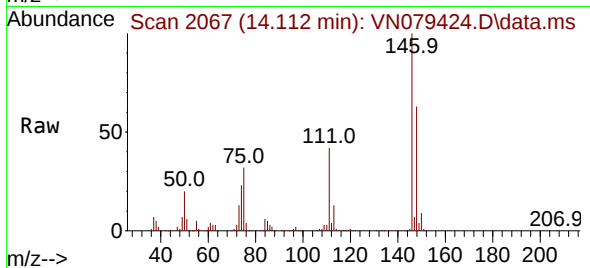
Tgt Ion:117 Resp: 252097
Ion Ratio Lower Upper
117 100
201 66.3 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 93.529 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

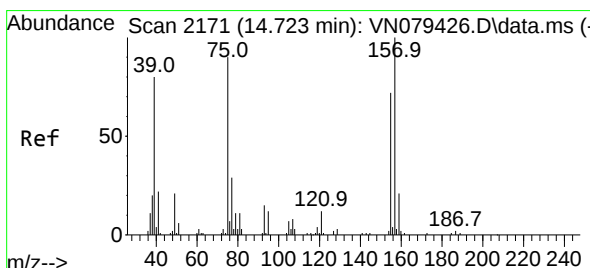
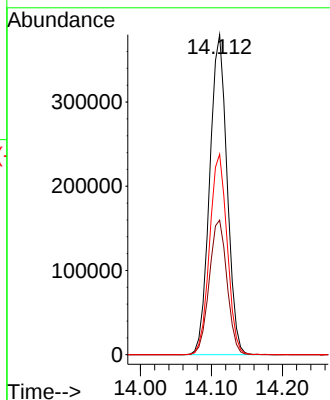
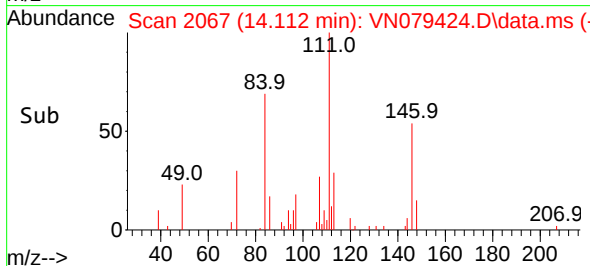
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



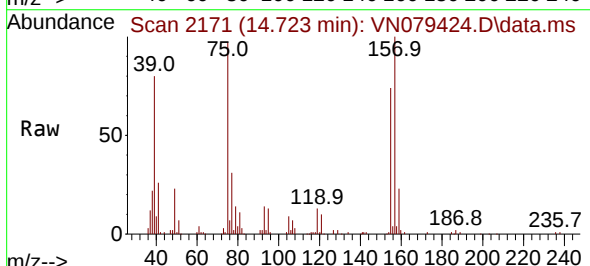
Tgt Ion:146 Resp: 644986
Ion Ratio Lower Upper
146 100
111 43.1 22.0 66.0
148 63.2 31.8 95.3

Manual Integrations
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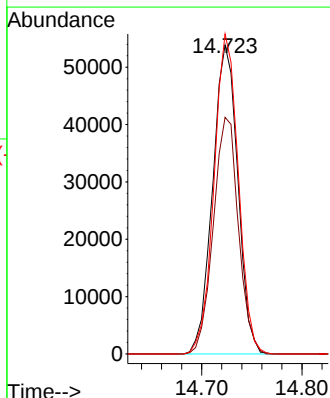
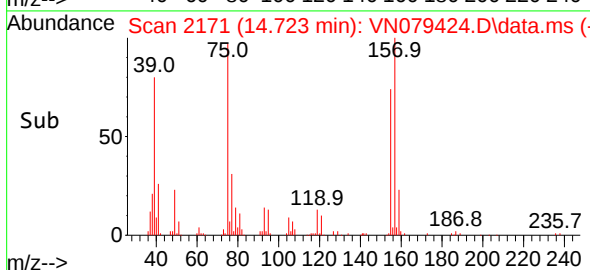
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

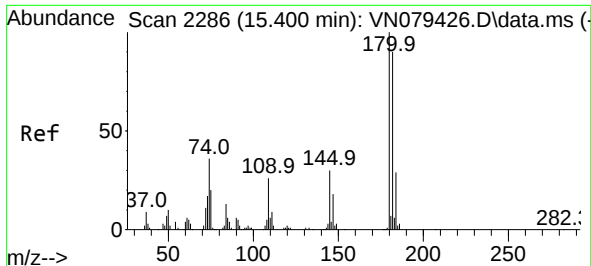


#92
1,2-Dibromo-3-Chloropropane
Concen: 89.088 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02



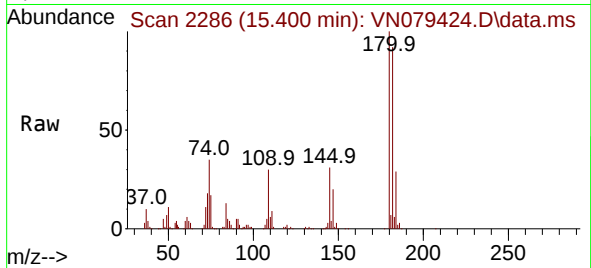
Tgt Ion: 75 Resp: 93648
Ion Ratio Lower Upper
75 100
155 76.6 39.1 117.2
157 100.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 120.491 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

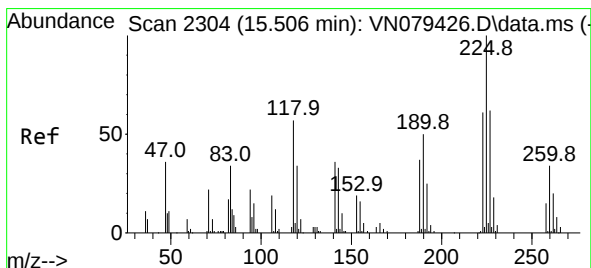
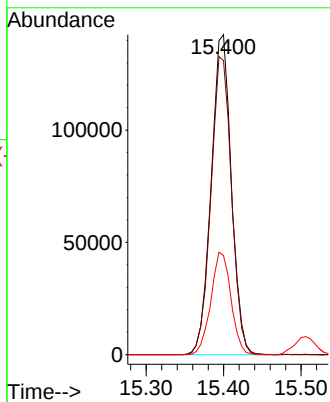
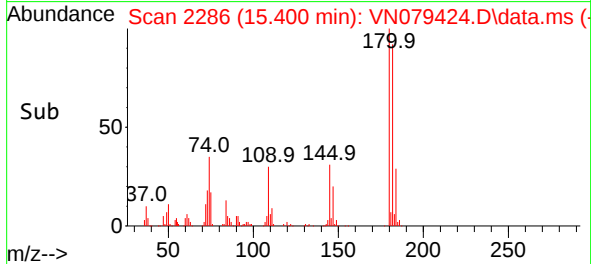
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



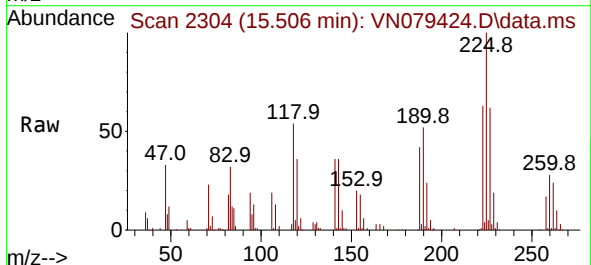
Tgt Ion:180 Resp: 257348
Ion Ratio Lower Upper
180 100
182 95.1 46.1 138.2
145 31.9 16.6 49.8

Manual Integrations
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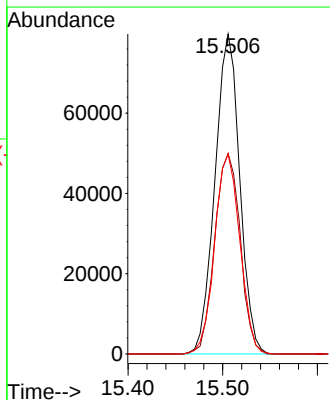
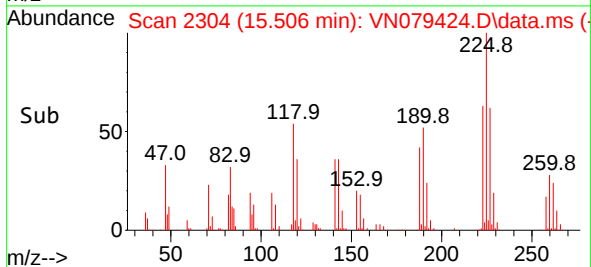
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

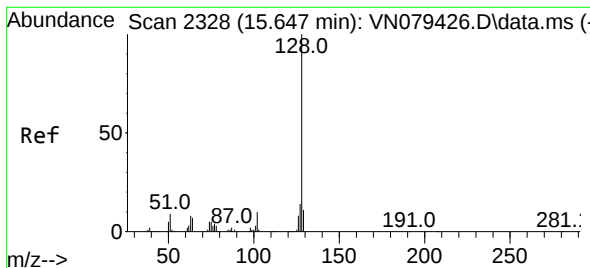


#94
Hexachlorobutadiene
Concen: 87.308 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02



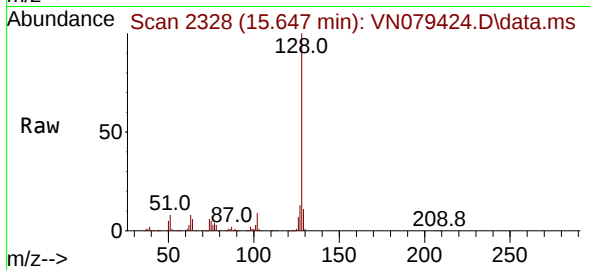
Tgt Ion:225 Resp: 145235
Ion Ratio Lower Upper
225 100
223 64.4 31.3 93.8
227 63.5 31.9 95.9





#95
Naphthalene
Concen: 122.160 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02

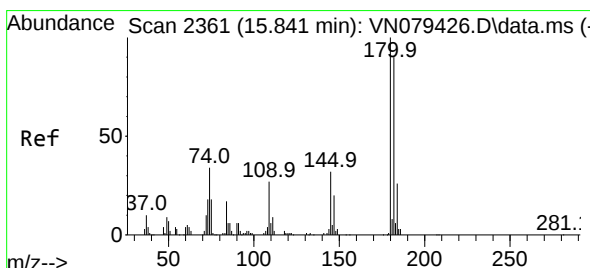
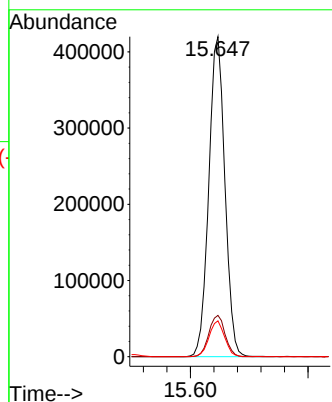
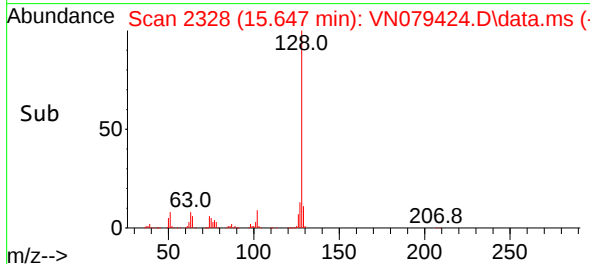
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



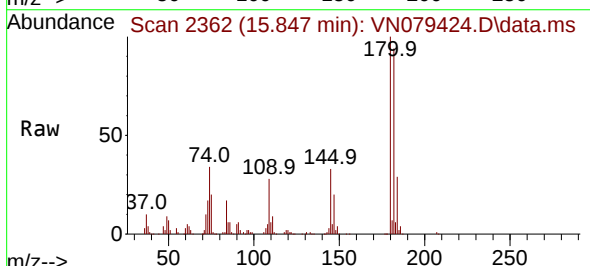
Tgt Ion:128 Resp: 796731
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 104.117 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079424.D
Acq: 05 Oct 2023 17:02



Tgt Ion:180 Resp: 265371
Ion Ratio Lower Upper
180 100
182 95.5 46.2 138.6
145 34.1 17.5 52.6

