

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100523\
 Data File : VN079426.D
 Acq On : 05 Oct 2023 17:50
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 06 03:03:16 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	259789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	456763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	419880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	183152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	204339	48.510	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.020%		
35) Dibromofluoromethane	8.171	113	159020	48.445	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.900%		
50) Toluene-d8	10.571	98	612229	51.548	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.100%		
62) 4-Bromofluorobenzene	12.853	95	201333	52.822	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	194343	52.206	ug/l	99
3) Chloromethane	2.365	50	226455	48.753	ug/l	98
4) Vinyl Chloride	2.512	62	242548	50.202	ug/l	98
5) Bromomethane	2.936	94	134403	47.174	ug/l	96
6) Chloroethane	3.112	64	166253	46.385	ug/l	99
7) Trichlorofluoromethane	3.489	101	277729	48.686	ug/l	97
8) Diethyl Ether	3.965	74	104768	51.516	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	155057	46.513	ug/l	98
10) Methyl Iodide	4.589	142	165894	57.348	ug/l	97
11) Tert butyl alcohol	5.530	59	156165	246.325	ug/l	99
12) 1,1-Dichloroethene	4.347	96	152269	49.608	ug/l	87
13) Acrolein	4.183	56	161575	255.953	ug/l	96
14) Allyl chloride	5.024	41	243357	49.130	ug/l	92
15) Acrylonitrile	5.724	53	473904	257.835	ug/l	99
16) Acetone	4.430	43	425610	254.745	ug/l	95
17) Carbon Disulfide	4.712	76	460447	48.092	ug/l	99
18) Methyl Acetate	5.030	43	390715	47.780	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	521456	52.286	ug/l	93
20) Methylene Chloride	5.283	84	180813	49.414	ug/l #	85
21) trans-1,2-Dichloroethene	5.789	96	169365	47.243	ug/l	85
22) Diisopropyl ether	6.677	45	576038	51.862	ug/l #	90
23) Vinyl Acetate	6.606	43	1716996	274.819	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	332605	48.929	ug/l	98
25) 2-Butanone	7.488	43	655981	264.538	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	265959	51.196	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	193006	49.557	ug/l	85
28) Bromochloromethane	7.818	49	168903	52.222	ug/l #	72
29) Tetrahydrofuran	7.841	42	426524	265.954	ug/l #	75
30) Chloroform	7.971	83	333926	48.619	ug/l	94
31) Cyclohexane	8.265	56	279872	46.841	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	285963	49.474	ug/l	95
36) 1,1-Dichloropropene	8.377	75	253573	51.471	ug/l	95
37) Ethyl Acetate	7.571	43	262353	51.989	ug/l #	91
38) Carbon Tetrachloride	8.365	117	248972	50.481	ug/l	99
39) Methylcyclohexane	9.606	83	256624	54.218	ug/l #	87
40) Benzene	8.612	78	740879	50.638	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	140657	54.578	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	262877	49.447	ug/l	98
43) Isopropyl Acetate	8.694	43	429602	50.022	ug/l #	89
44) Trichloroethene	9.359	130	170840	49.611	ug/l	97
45) 1,2-Dichloropropane	9.624	63	191686	49.725	ug/l	96
46) Dibromomethane	9.712	93	128841	51.605	ug/l	95
47) Bromodichloromethane	9.894	83	263864	51.378	ug/l	97
48) Methyl methacrylate	9.688	41	200499	54.480	ug/l #	81
49) 1,4-Dioxane	9.700	88	76573	1129.599	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1320593	272.397	ug/l	89
52) Toluene	10.635	92	459609	53.367	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	279393	53.984	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	305732	53.963	ug/l #	88
55) 1,1,2-Trichloroethane	11.024	97	176140	50.944	ug/l	97
56) Ethyl methacrylate	10.882	69	278647	58.649	ug/l #	82
57) 1,3-Dichloropropane	11.171	76	311102	52.108	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	521343	286.529	ug/l	89
59) 2-Hexanone	11.200	43	989510	282.848	ug/l	87
60) Dibromochloromethane	11.365	129	184235	53.019	ug/l	99
61) 1,2-Dibromoethane	11.476	107	175850	51.249	ug/l	100
64) Tetrachloroethene	11.106	164	139621	48.338	ug/l	98
65) Chlorobenzene	11.894	112	459971	49.191	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	170928	49.924	ug/l	98
67) Ethyl Benzene	11.971	91	874585	53.812	ug/l	97
68) m/p-Xylenes	12.076	106	642159	108.742	ug/l	93
69) o-Xylene	12.406	106	311651	53.663	ug/l	93
70) Styrene	12.418	104	523201	57.034	ug/l	98
71) Bromoform	12.582	173	126321	50.412	ug/l #	100
73) Isopropylbenzene	12.700	105	805340	47.264	ug/l	99
74) N-amyl acetate	12.500	43	354519	50.752	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	267974	48.693	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	246039m	45.331	ug/l	
77) Bromobenzene	12.982	156	184646	44.195	ug/l	96
78) n-propylbenzene	13.041	91	959048	49.748	ug/l	97
79) 2-Chlorotoluene	13.129	91	560748	45.456	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	664566	49.461	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	86059	47.286	ug/l	87
82) 4-Chlorotoluene	13.223	91	562697	47.935	ug/l	98
83) tert-Butylbenzene	13.441	119	549911	49.954	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	653763	50.985	ug/l	99
85) sec-Butylbenzene	13.623	105	769754	50.131	ug/l	98
86) p-Isopropyltoluene	13.735	119	617139	52.391	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	327341	49.398	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	321965	47.055	ug/l	98
89) n-Butylbenzene	14.059	91	517582	55.024	ug/l	99
90) Hexachloroethane	14.335	117	120024	50.193	ug/l	87
91) 1,2-Dichlorobenzene	14.112	146	320149	49.530	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	46668	47.365	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	119537	59.711	ug/l	99
94) Hexachlorobutadiene	15.506	225	72281	46.358	ug/l	99
95) Naphthalene	15.647	128	359506	58.808	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	128400	53.747	ug/l	98

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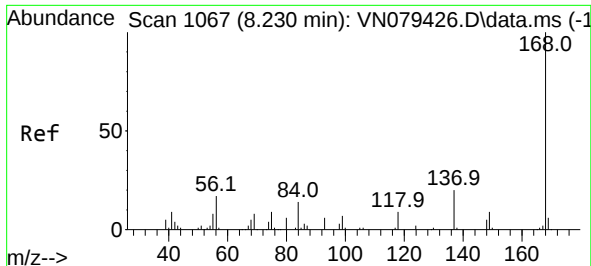
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

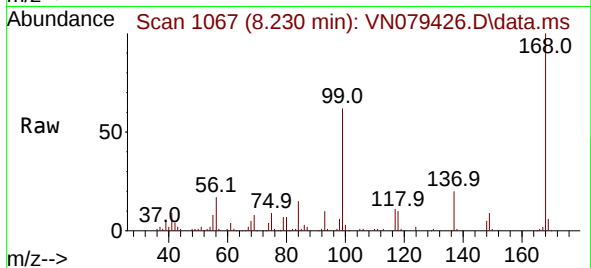
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

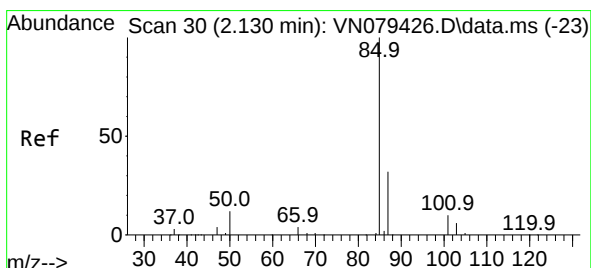
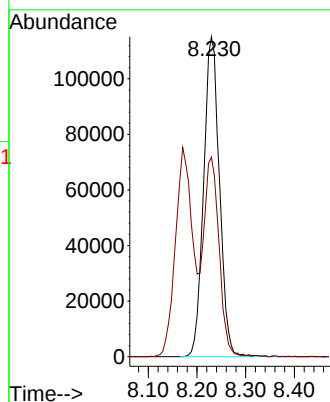
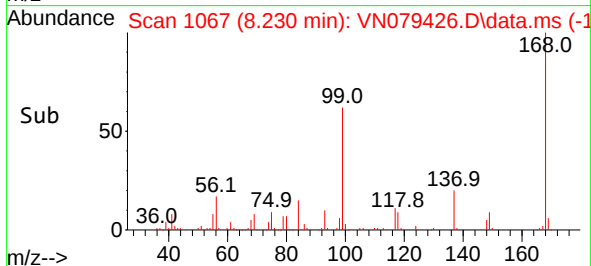
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 259789
Ion Ratio Lower Upper
168 100
99 62.3 53.0 79.6

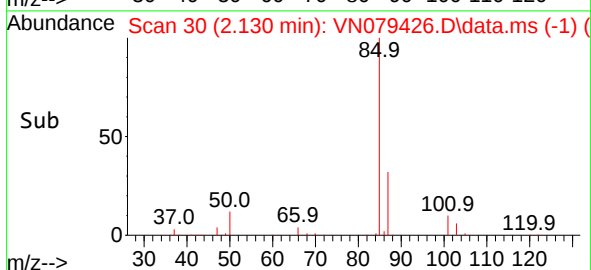
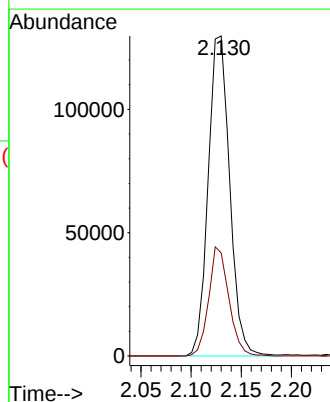
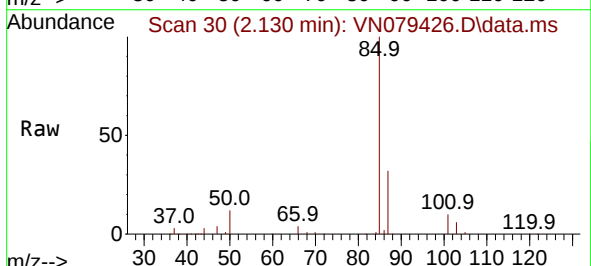
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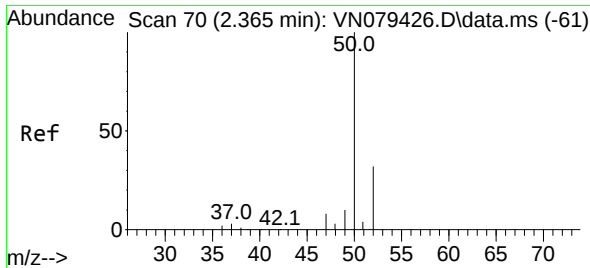
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#2
Dichlorodifluoromethane
Concen: 52.206 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

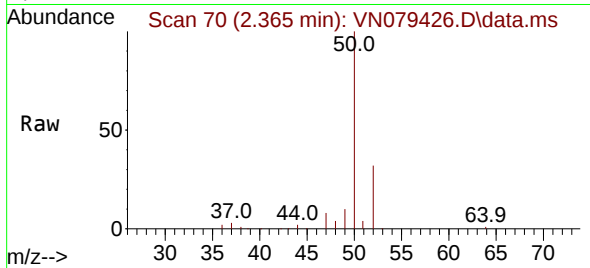
Tgt Ion: 85 Resp: 194343
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





#3
Chloromethane
Concen: 48.753 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

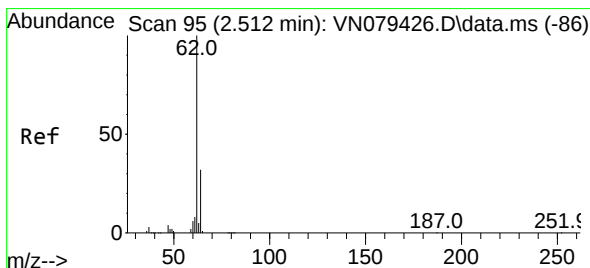
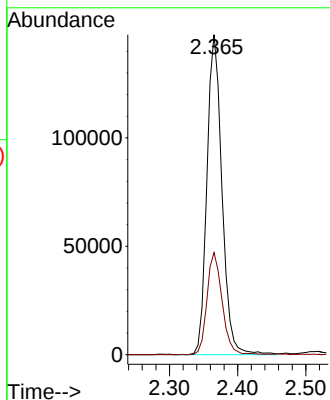
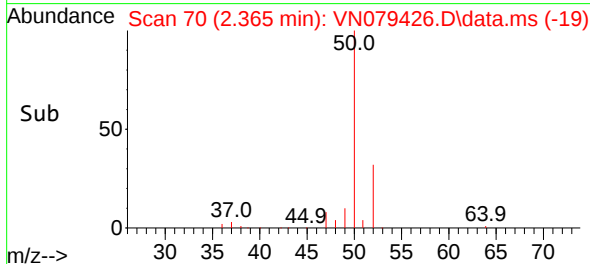
Instrument :
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Tgt Ion: 50 Resp: 226458
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7

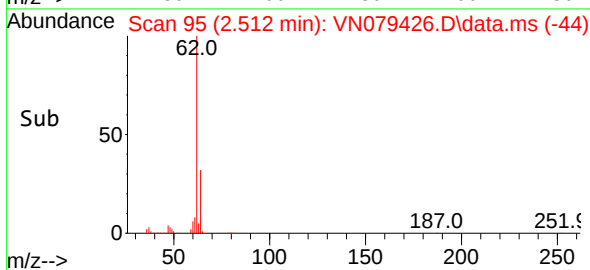
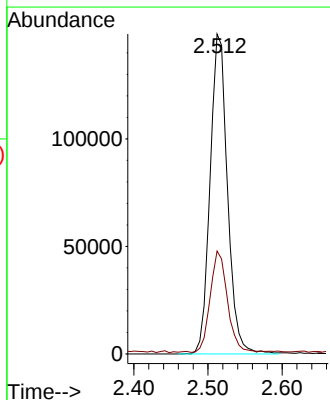
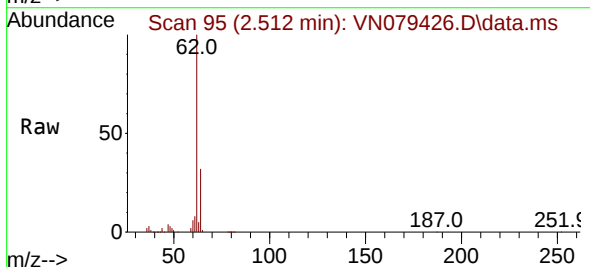
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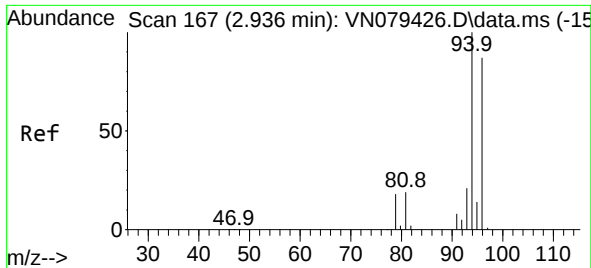
Reviewed By :John Carlone 10/06/2023
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#4
Vinyl Chloride
Concen: 50.202 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

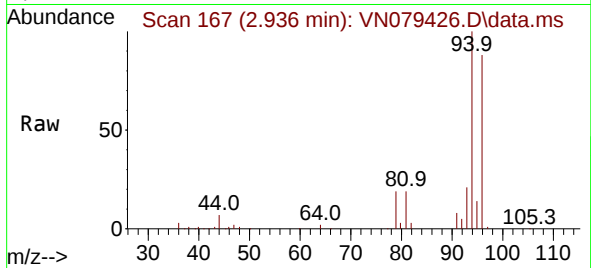
Tgt Ion: 62 Resp: 242548
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2





#5
Bromomethane
Concen: 47.174 ug/l
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

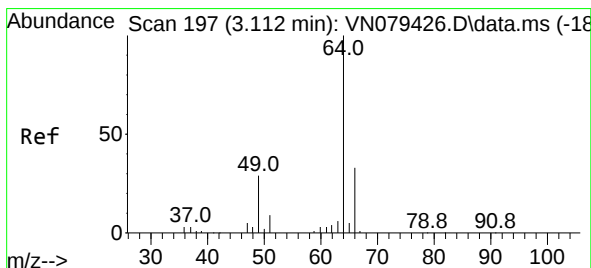
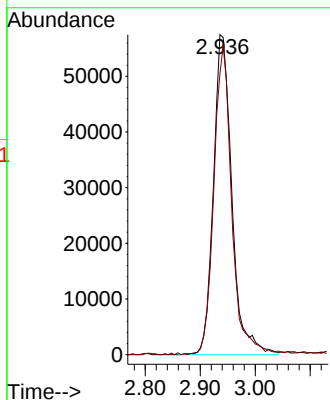
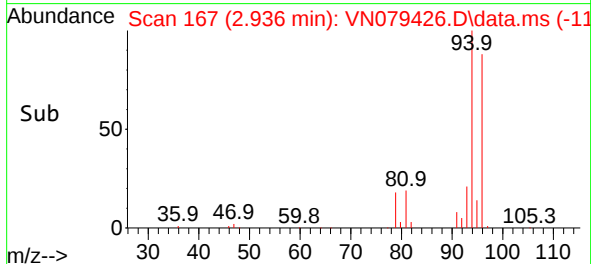
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Tgt Ion: 94 Resp: 13440
Ion Ratio Lower Upper
94 100
96 87.3 73.1 109.7

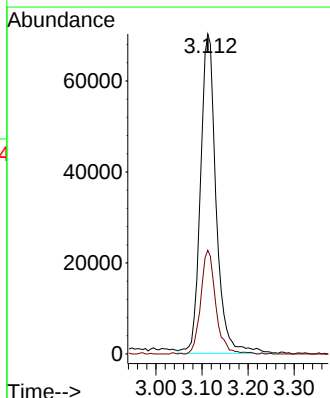
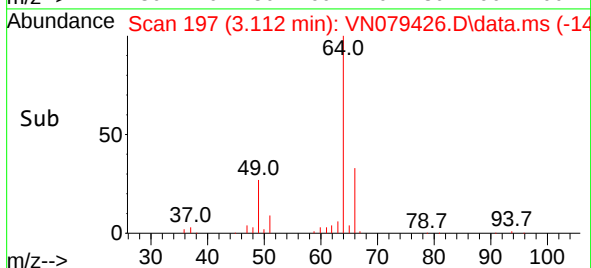
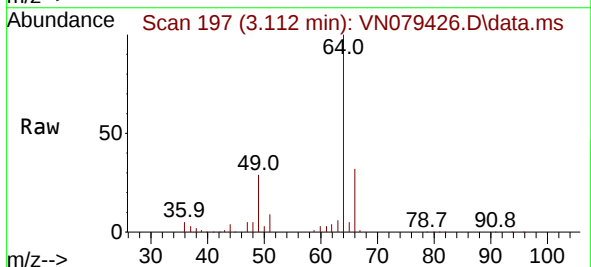
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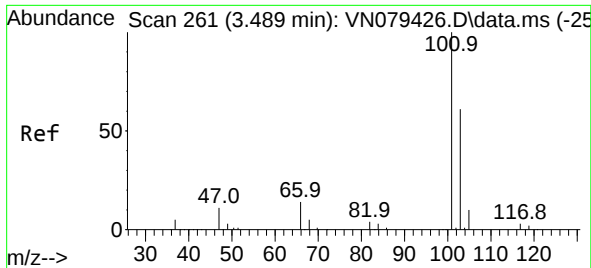
Reviewed By :John Carlone 10/06/2023
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#6
Chloroethane
Concen: 46.385 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN079426.D
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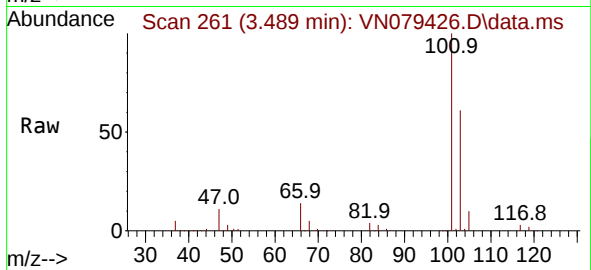
Tgt Ion: 64 Resp: 166253
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 48.686 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. 0.000 min
 Lab File: VN079426.D
 Acq: 05 Oct 2023 17:50

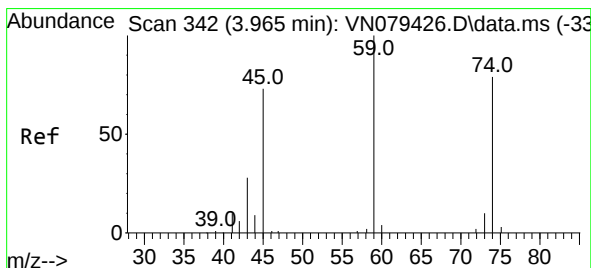
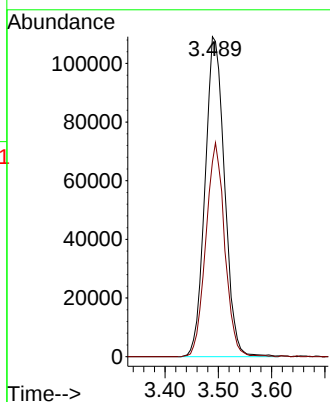
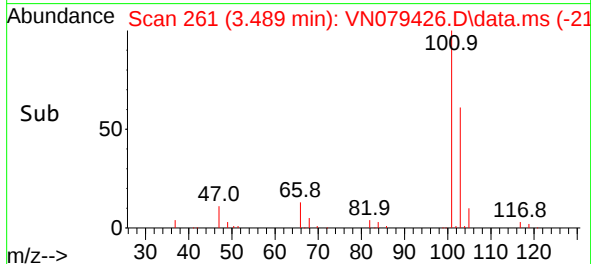
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion:101 Resp: 277729
 Ion Ratio Lower Upper
 101 100
 103 60.9 50.7 76.1

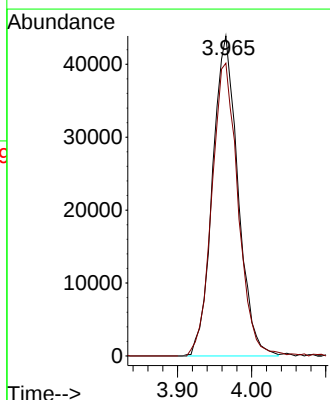
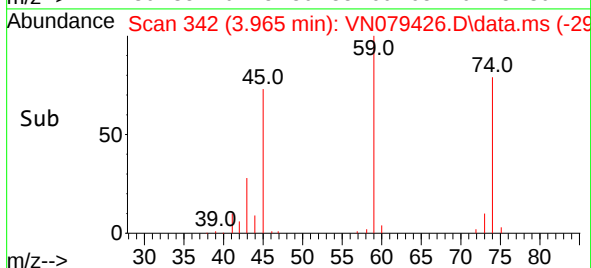
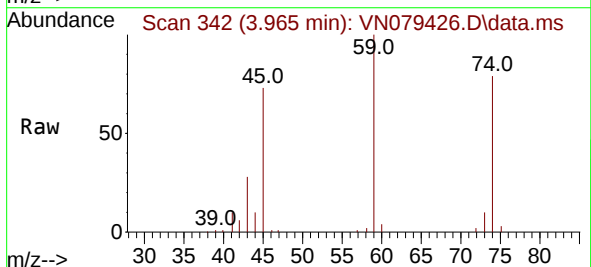
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#8
 Diethyl Ether
 Concen: 51.516 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 104768
 Ion Ratio Lower Upper
 74 100
 45 94.5 34.4 103.3





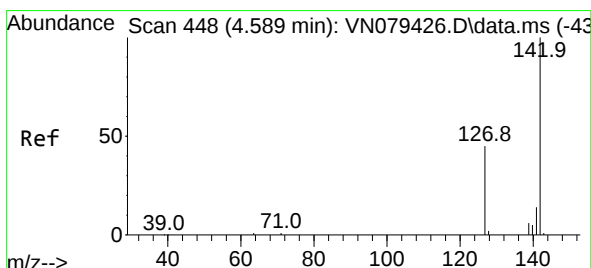
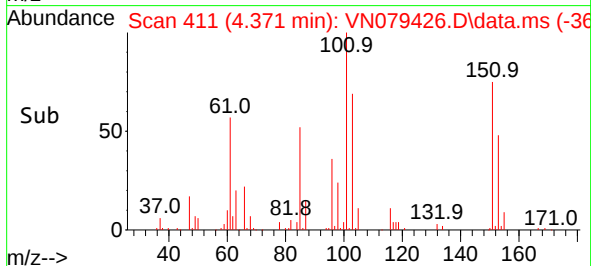
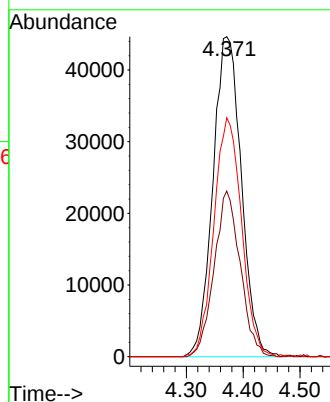
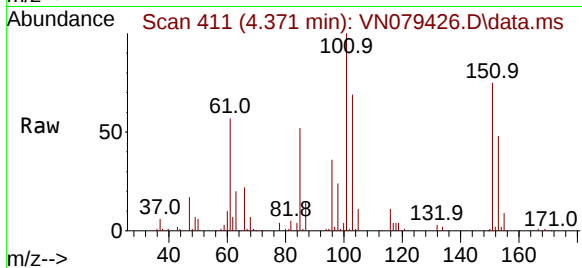
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.513 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 15505
Ion Ratio Lower Upper
101 100
85 47.5 36.6 55.0
151 72.7 57.6 86.4

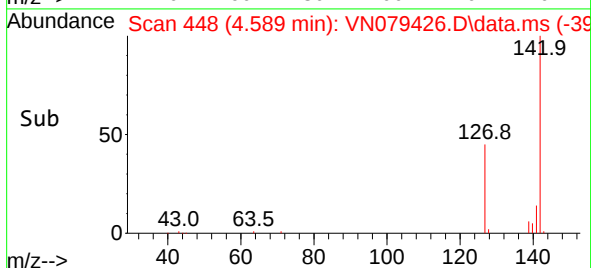
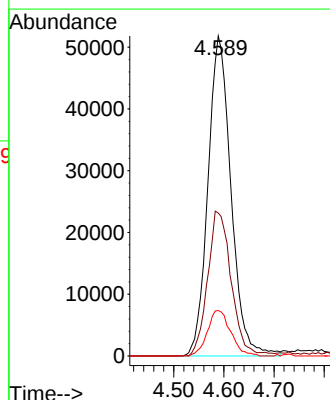
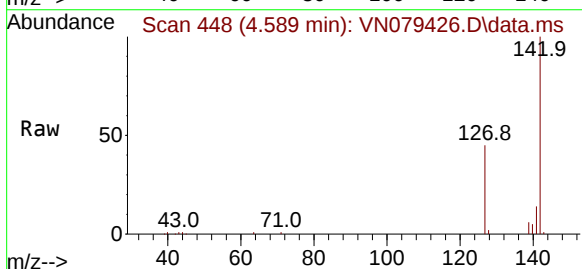
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 57.348 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

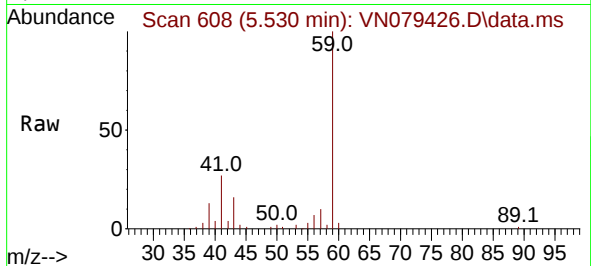
Tgt Ion:142 Resp: 165894
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 246.325 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

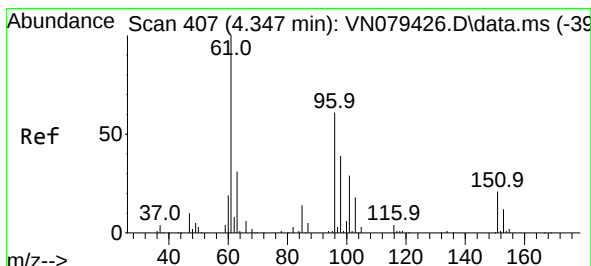
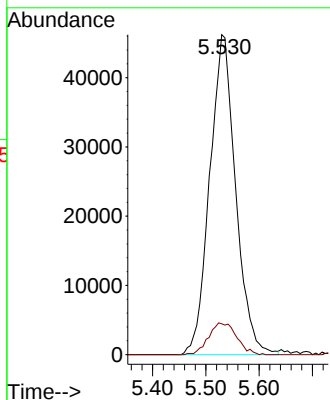
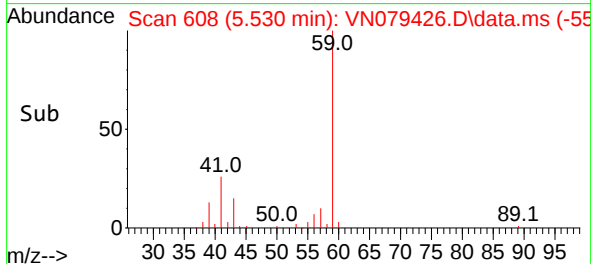
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



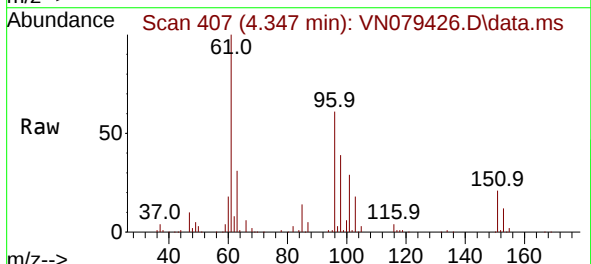
Tgt Ion: 59 Resp: 15616
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

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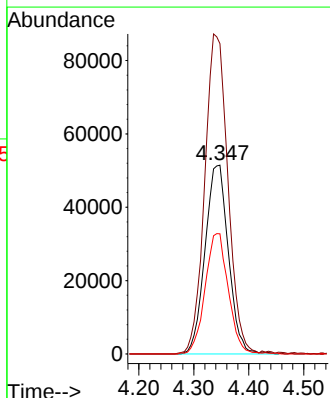
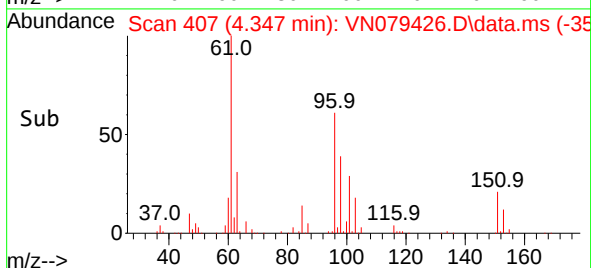
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

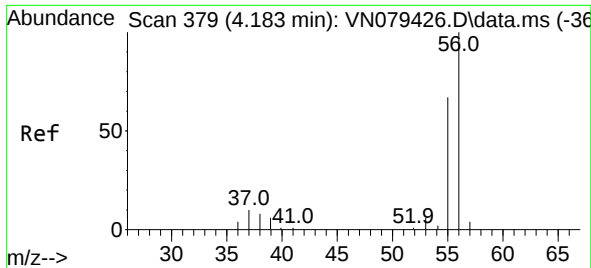


#12
1,1-Dichloroethene
Concen: 49.608 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50



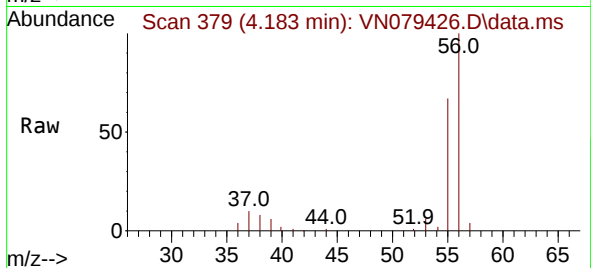
Tgt Ion: 96 Resp: 152269
Ion Ratio Lower Upper
96 100
61 163.9 112.7 169.1
98 63.7 51.2 76.8





#13
Acrolein
Concen: 255.953 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

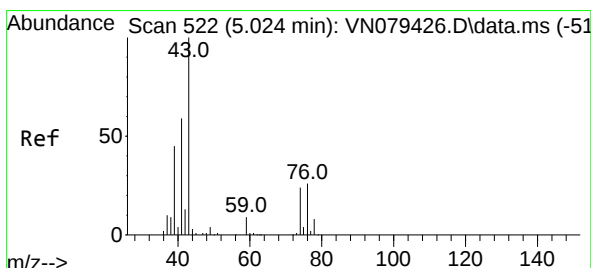
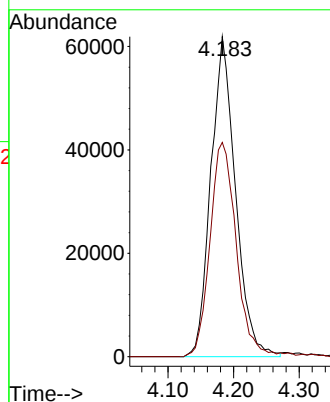
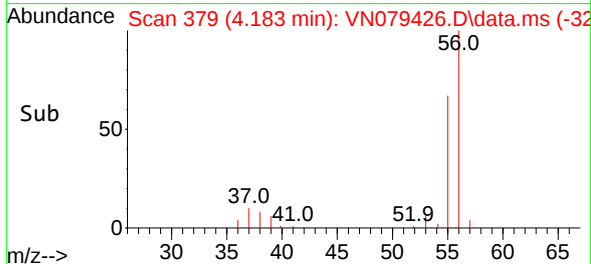
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



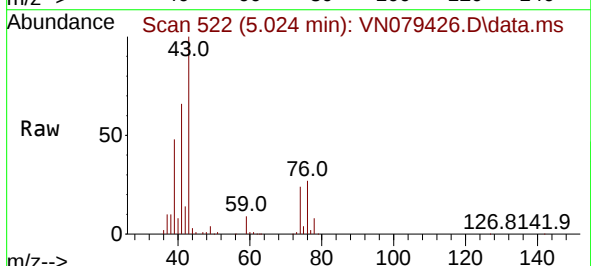
Tgt Ion: 56 Resp: 16157
Ion Ratio Lower Upper
56 100
55 71.1 54.5 81.7

Manual Integrations
APPROVED

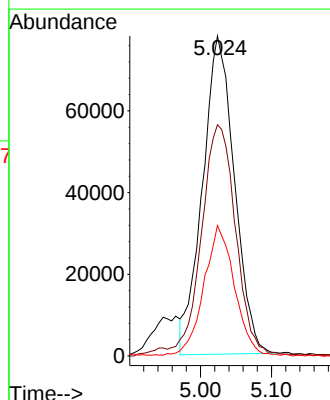
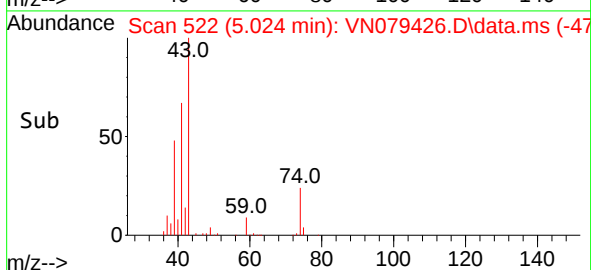
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

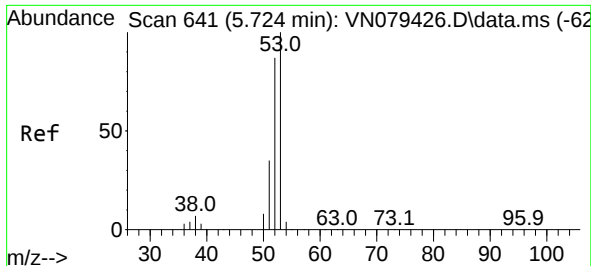


#14
Allyl chloride
Concen: 49.130 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50



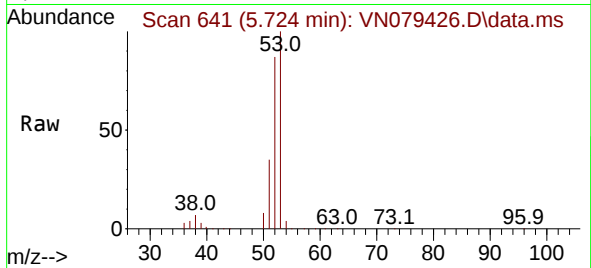
Tgt Ion: 41 Resp: 243357
Ion Ratio Lower Upper
41 100
39 77.2 58.8 88.2
76 39.7 39.1 58.7





#15
Acrylonitrile
Concen: 257.835 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

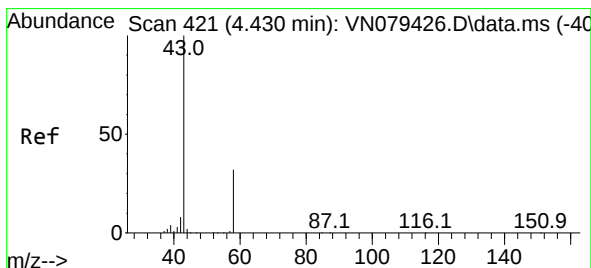
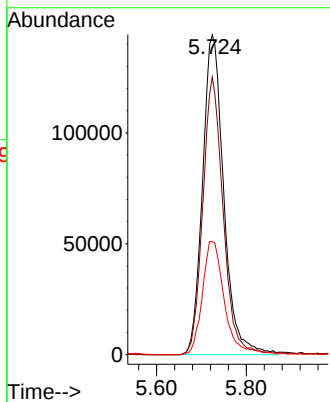
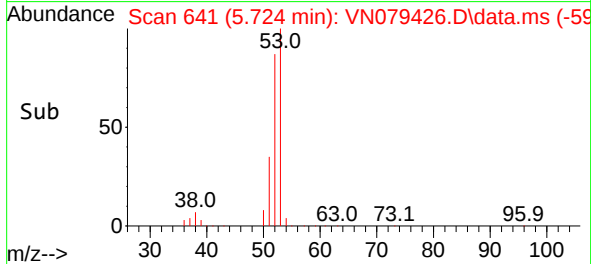
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 473904
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 35.5 28.9 43.3

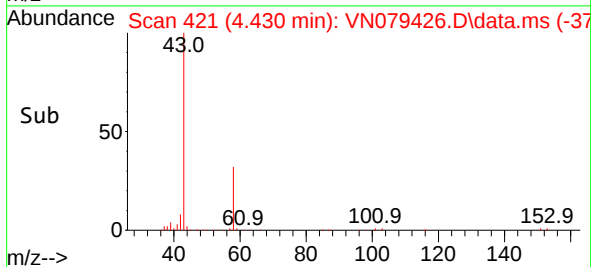
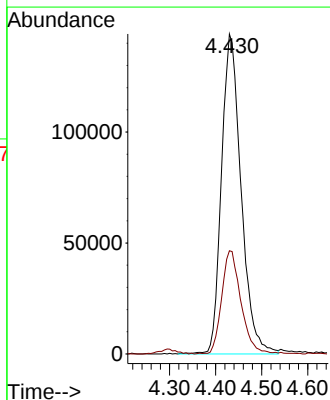
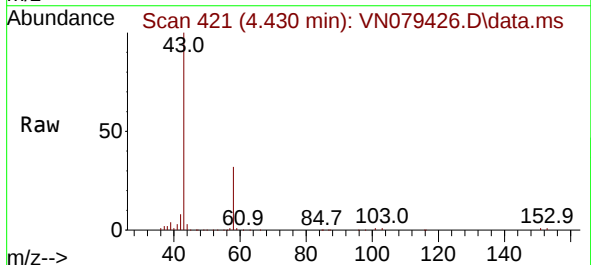
Manual Integrations
APPROVED

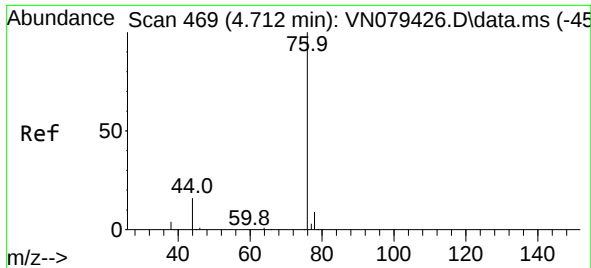
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#16
Acetone
Concen: 254.745 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Tgt Ion: 43 Resp: 425610
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0





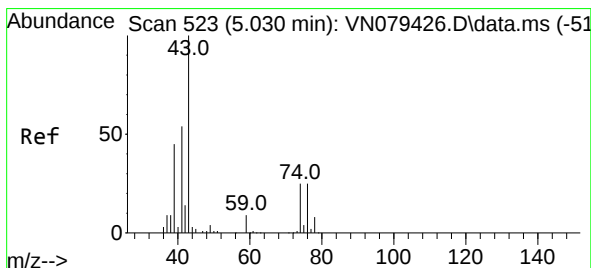
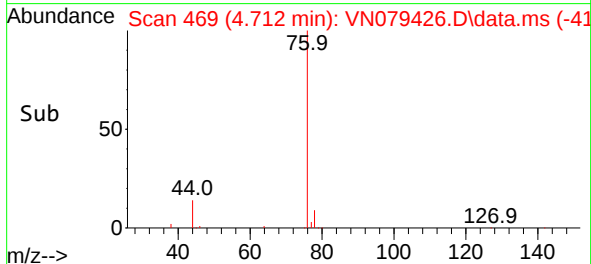
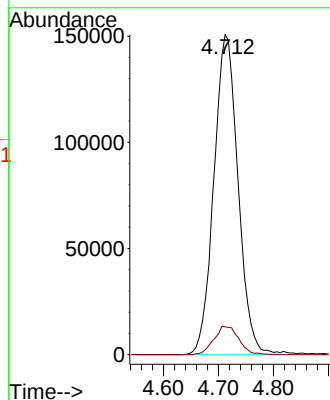
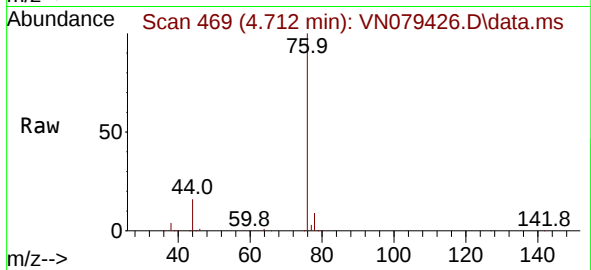
#17
Carbon Disulfide
Concen: 48.092 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC050

Tgt Ion: 76 Resp: 46044
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

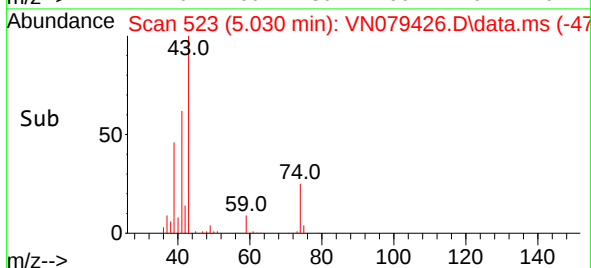
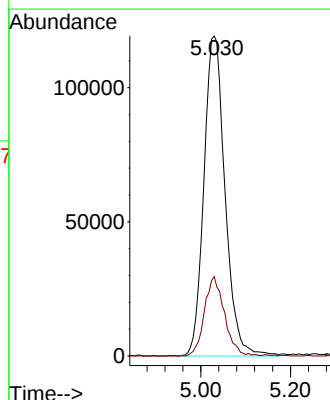
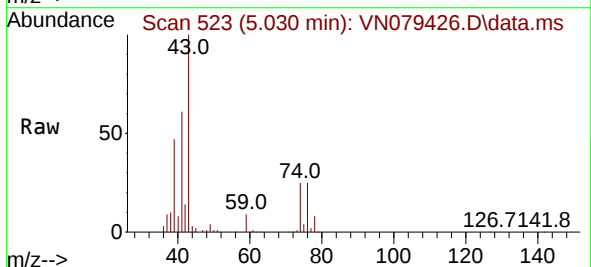
Manual Integrations
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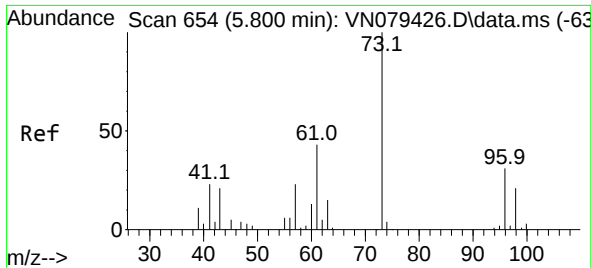
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#18
Methyl Acetate
Concen: 47.780 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Tgt Ion: 43 Resp: 390715
Ion Ratio Lower Upper
43 100
74 23.5 26.2 39.4#





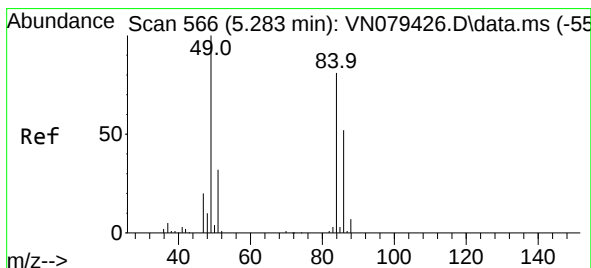
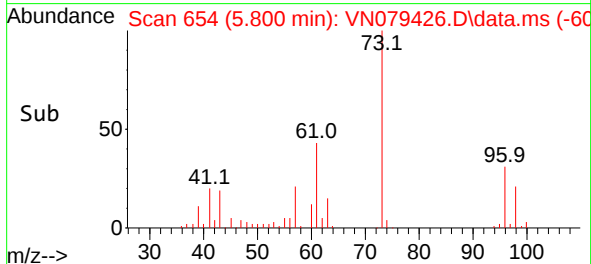
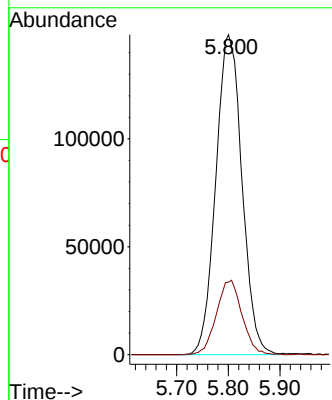
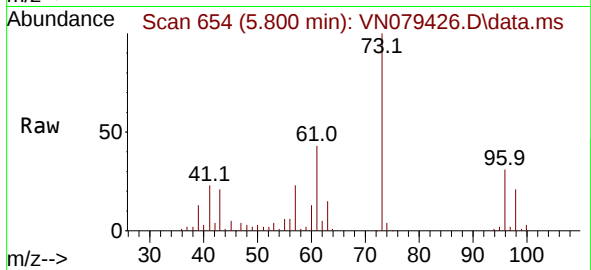
#19
Methyl tert-butyl Ether
Concen: 52.286 ug/l
RT: 5.800 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 521456
Ion Ratio Lower Upper
73 100
57 22.7 15.6 23.4

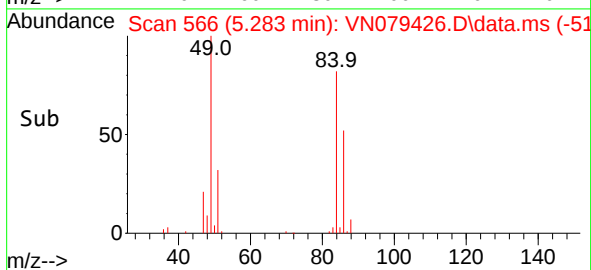
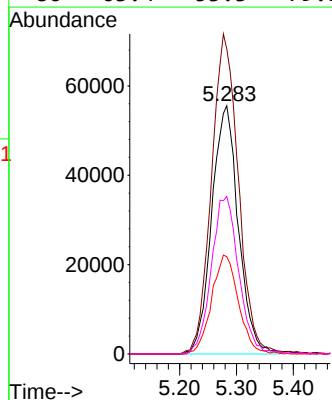
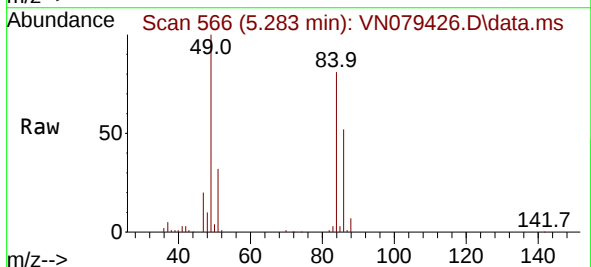
Manual Integrations
APPROVED

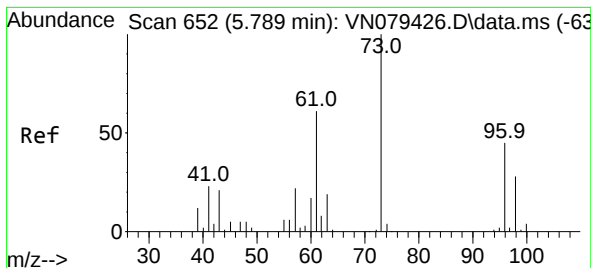
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#20
Methylene Chloride
Concen: 49.414 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Tgt Ion: 84 Resp: 180813
Ion Ratio Lower Upper
84 100
49 122.9 79.7 119.5#
51 39.2 25.2 37.8#
86 63.4 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 47.243 ug/l

RT: 5.789 min Scan# 652

Delta R.T. 0.000 min

Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 16936

Ion Ratio Lower Upper

96 100

61 134.4 90.1 135.1

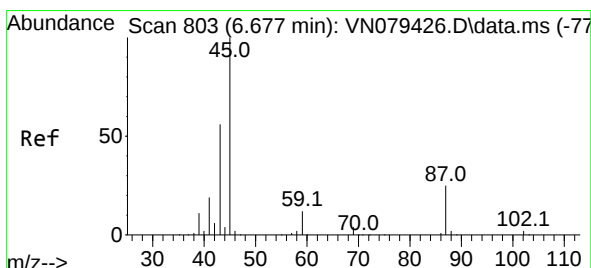
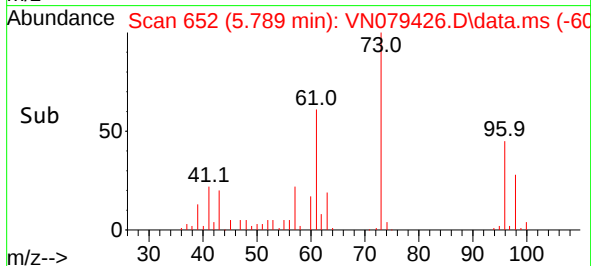
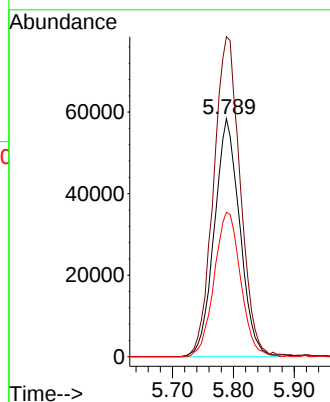
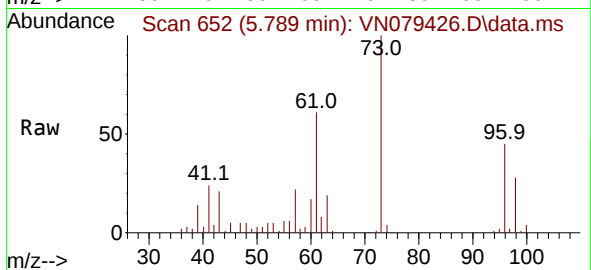
98 60.7 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#22

Diisopropyl ether

Concen: 51.862 ug/l

RT: 6.677 min Scan# 803

Delta R.T. 0.000 min

Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Tgt Ion: 45 Resp: 576038

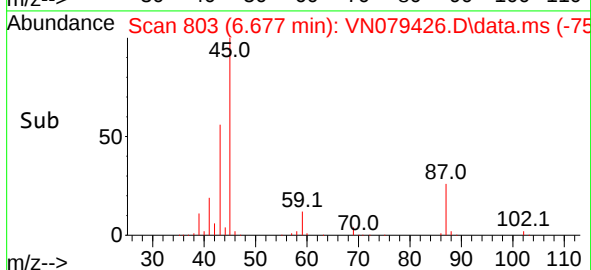
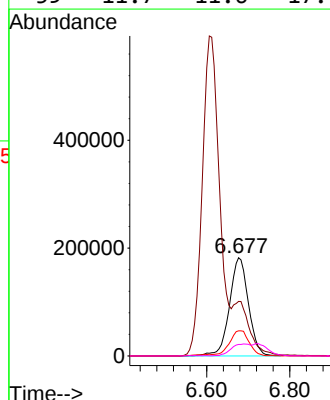
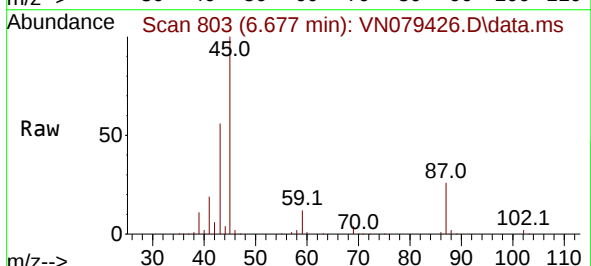
Ion Ratio Lower Upper

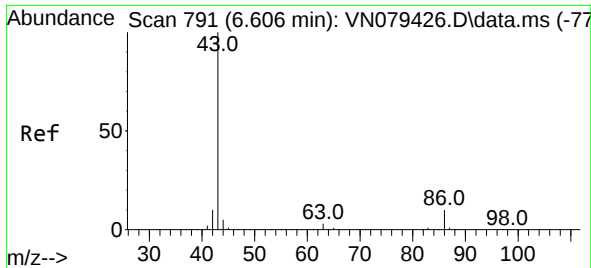
45 100

43 55.5 45.5 68.3

87 25.4 31.8 47.8#

59 11.7 11.6 17.4





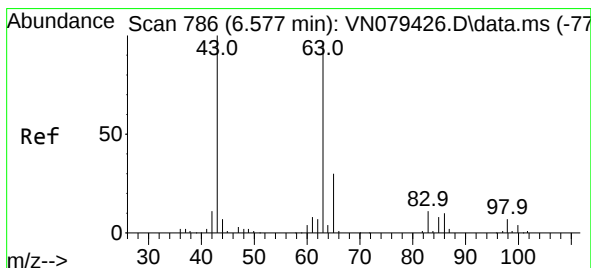
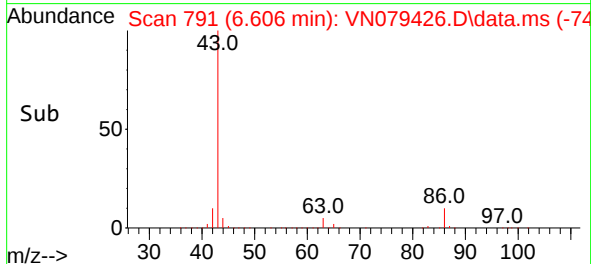
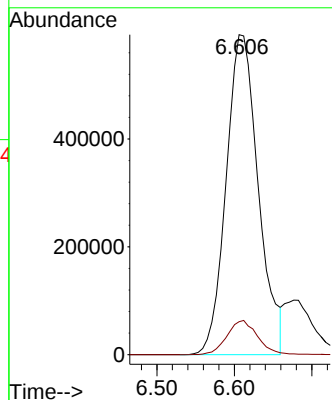
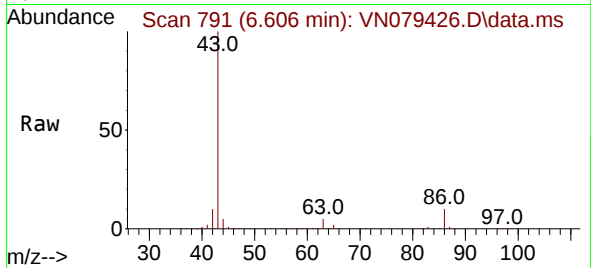
#23
 Vinyl Acetate
 Concen: 274.819 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079426.D
 Acq: 05 Oct 2023 17:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1716990
 Ion Ratio Lower Upper
 43 100
 86 10.3 13.0 19.6

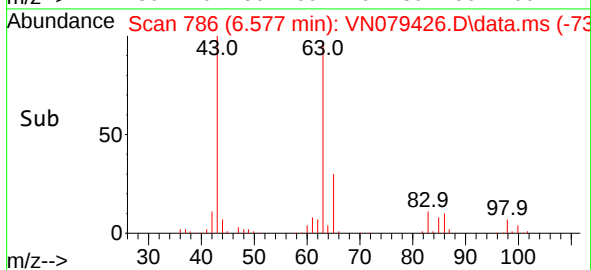
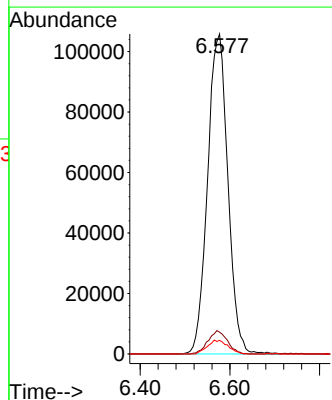
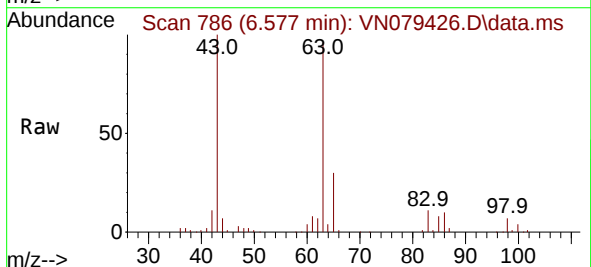
Manual Integrations
 APPROVED

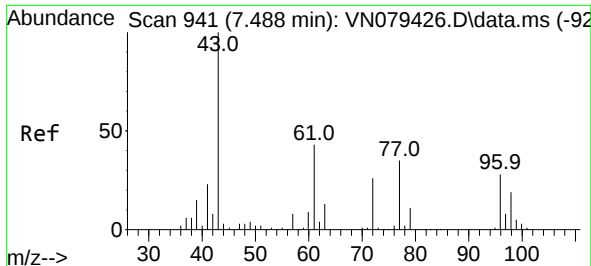
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#24
 1,1-Dichloroethane
 Concen: 48.929 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN079426.D
 Acq: 05 Oct 2023 17:50

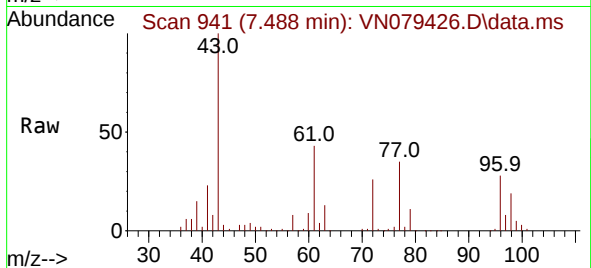
Tgt Ion: 63 Resp: 332605
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.3 2.5 7.4





#25
2-Butanone
Concen: 264.538 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

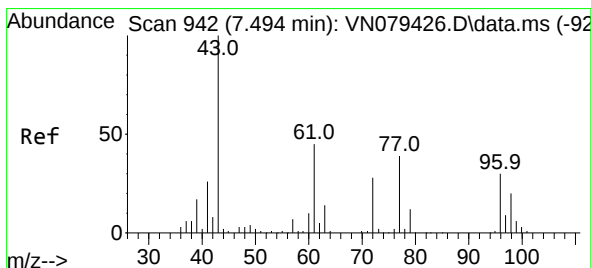
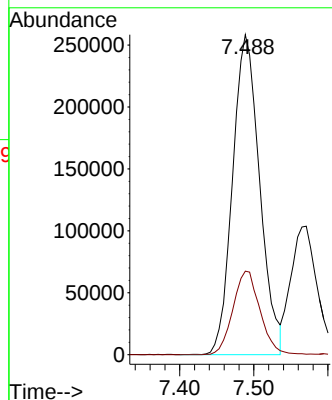
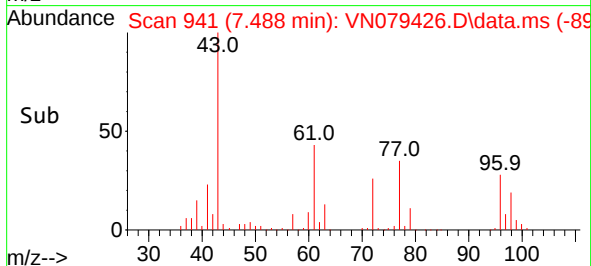
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



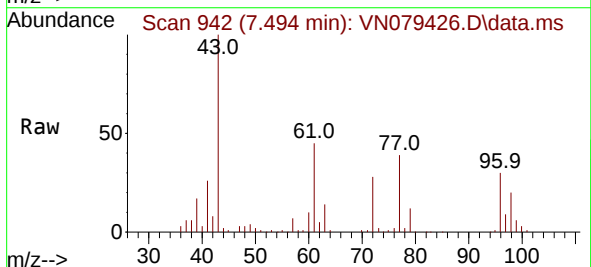
Tgt Ion: 43 Resp: 65598
Ion Ratio Lower Upper
43 100
72 26.1 30.2 45.2

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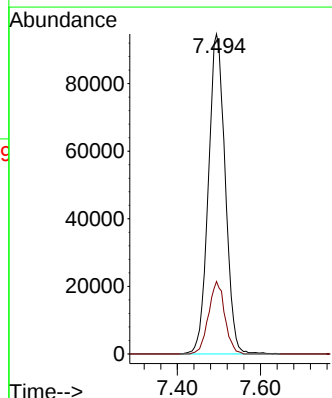
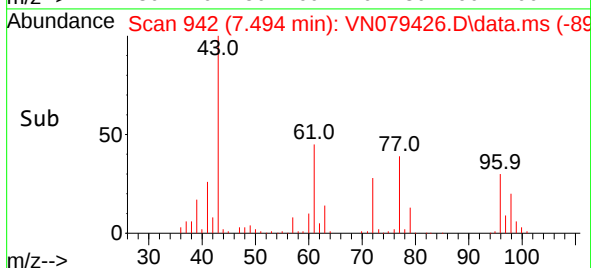
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

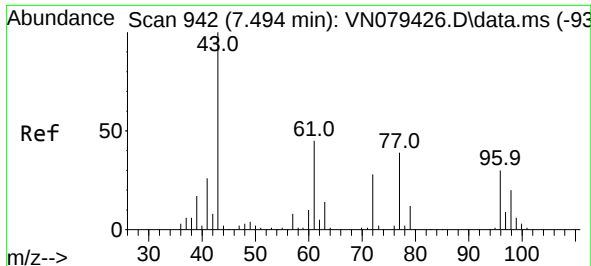


#26
2,2-Dichloropropane
Concen: 51.196 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50



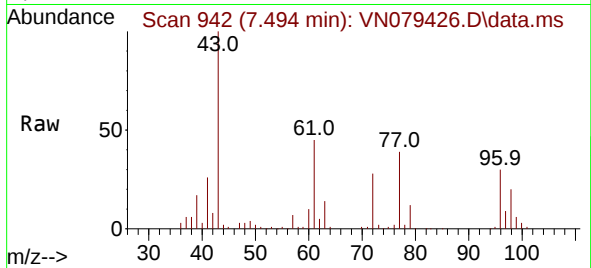
Tgt Ion: 77 Resp: 265959
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 49.557 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

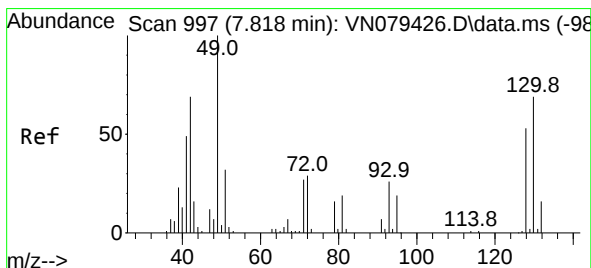
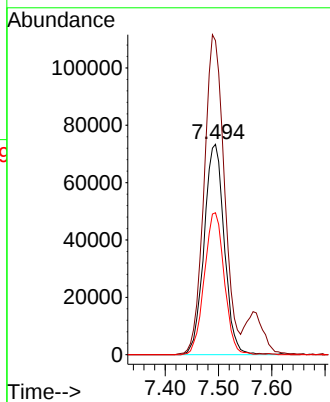
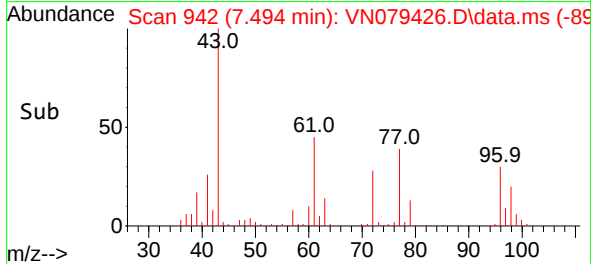
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 193000
Ion Ratio Lower Upper
96 100
61 152.3 0.0 255.2
98 66.6 0.0 128.8

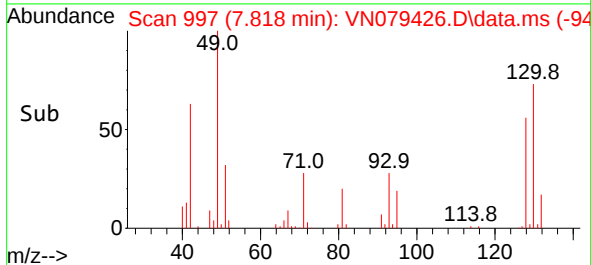
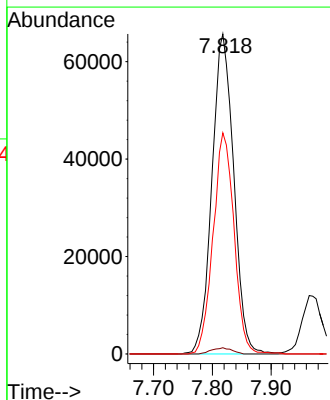
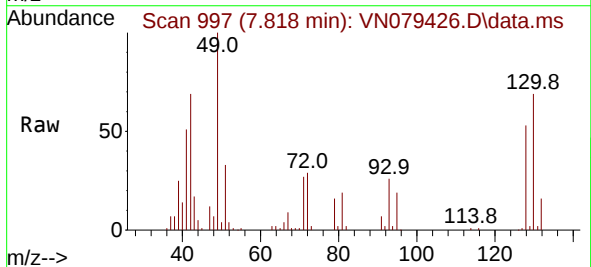
Manual Integrations
APPROVED

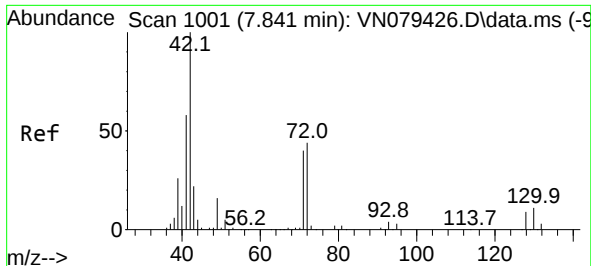
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#28
Bromochloromethane
Concen: 52.222 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Tgt Ion: 49 Resp: 168903
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.8
130 66.4 75.3 112.9#





#29

Tetrahydrofuran

Concen: 265.954 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 426524

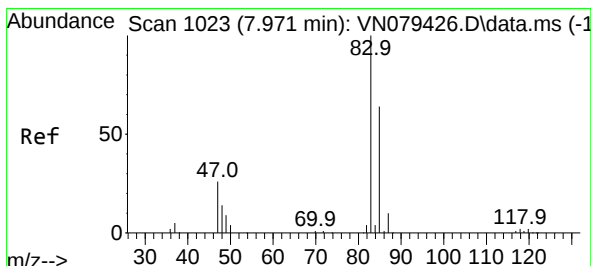
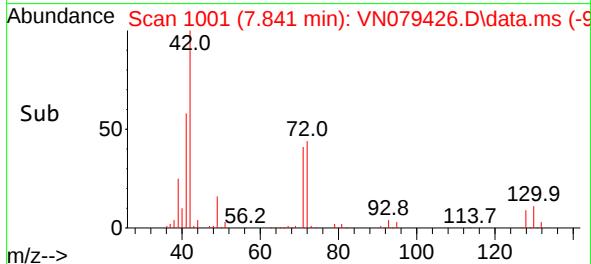
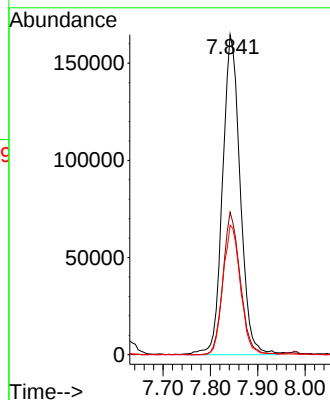
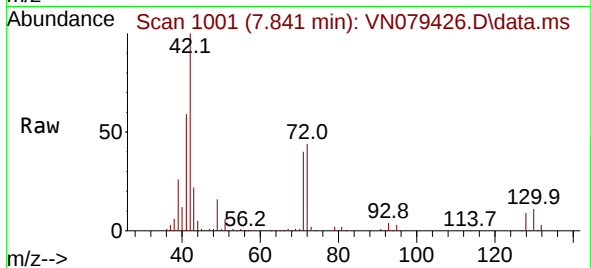
Ion	Ratio	Lower	Upper
42	100		
72	43.4	49.8	74.6
71	40.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#30

Chloroform

Concen: 48.619 ug/l

RT: 7.971 min Scan# 1023

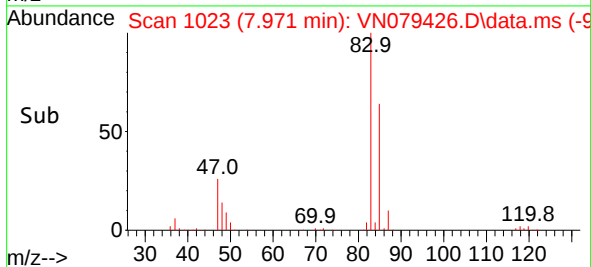
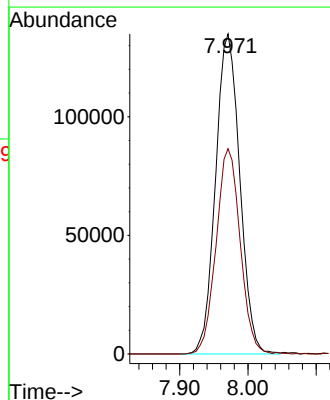
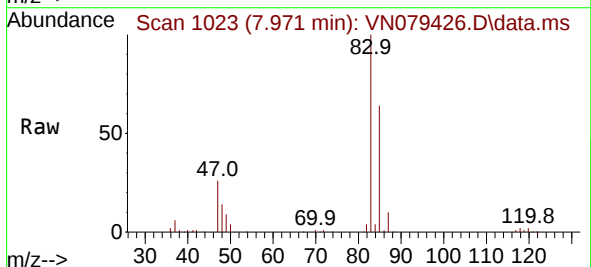
Delta R.T. 0.000 min

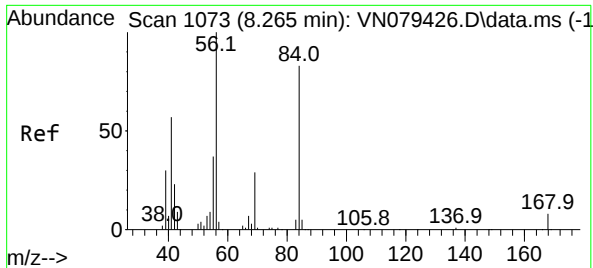
Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Tgt Ion: 83 Resp: 333926

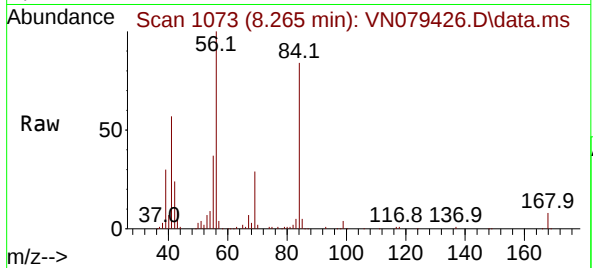
Ion	Ratio	Lower	Upper
83	100		
85	64.2	55.4	83.0





#31
Cyclohexane
Concen: 46.841 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

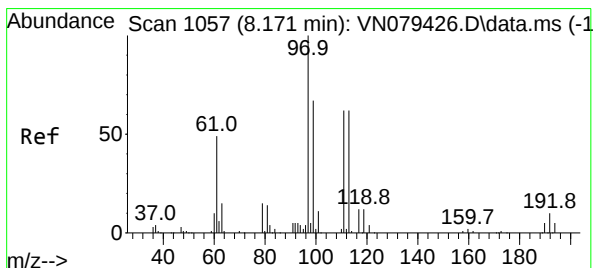
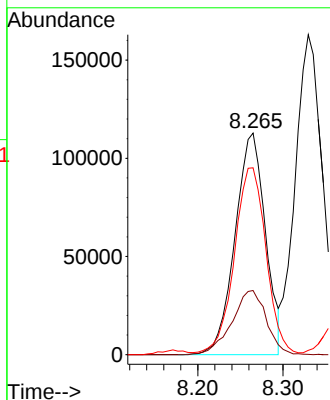
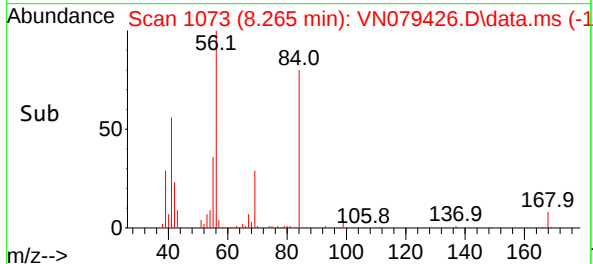
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



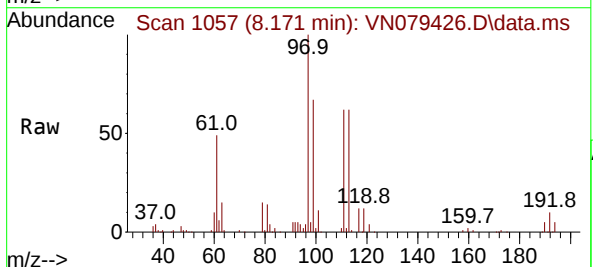
Tgt Ion: 56 Resp: 279872
Ion Ratio Lower Upper
56 100
69 29.0 26.8 40.2
84 82.7 81.8 122.6

Manual Integrations
APPROVED

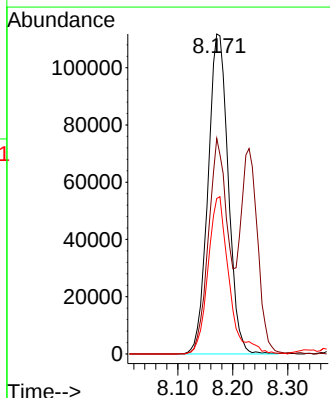
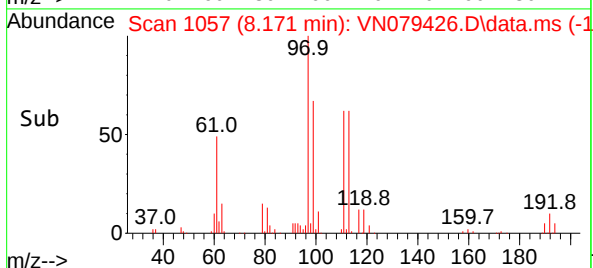
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

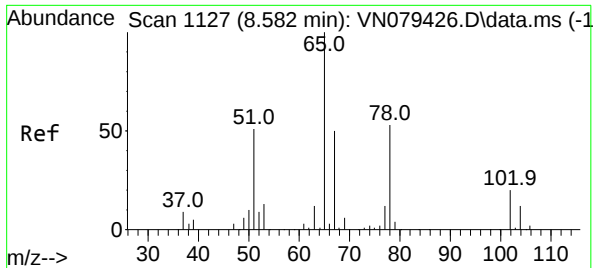


#32
1,1,1-Trichloroethane
Concen: 49.474 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50



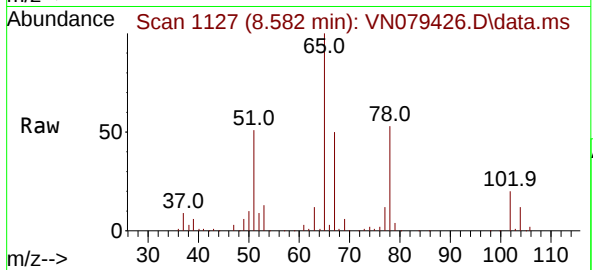
Tgt Ion: 97 Resp: 285963
Ion Ratio Lower Upper
97 100
99 63.2 50.3 75.5
61 51.0 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 48.510 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

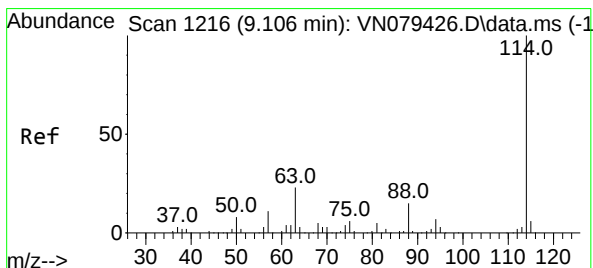
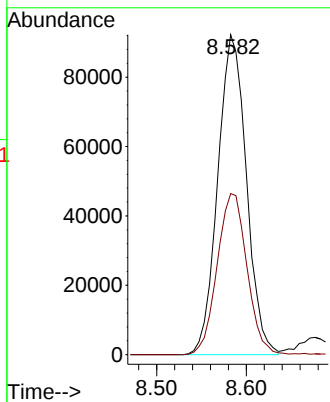
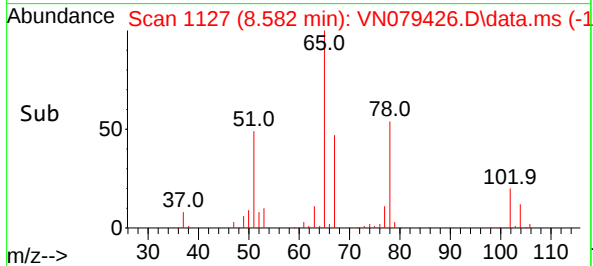
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



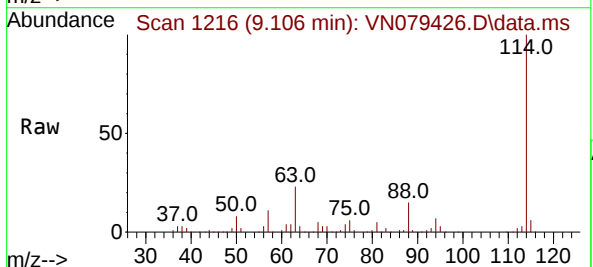
Tgt Ion: 65 Resp: 204339
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6

Manual Integrations
APPROVED

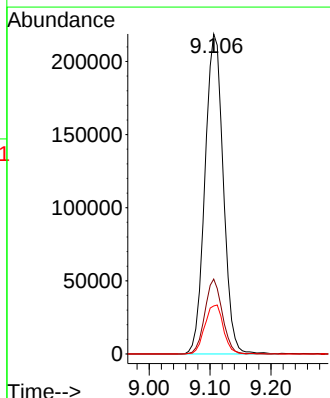
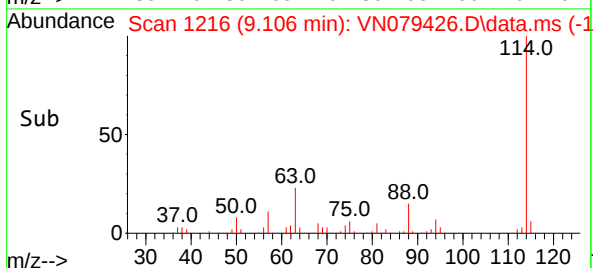
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50



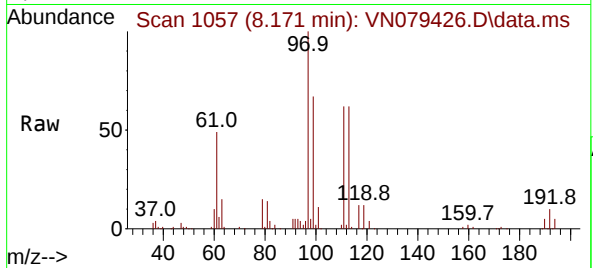
Tgt Ion:114 Resp: 456763
Ion Ratio Lower Upper
114 100
63 23.4 0.0 36.4
88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.445 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

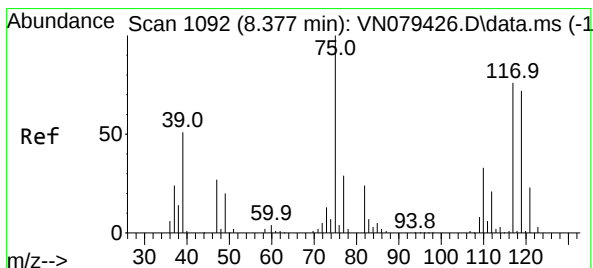
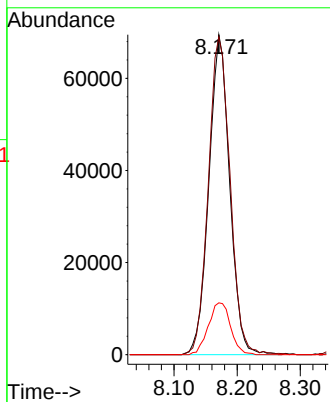
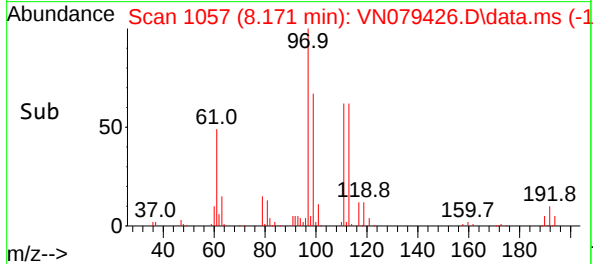
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



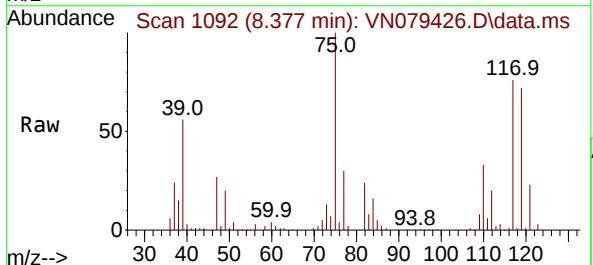
Tgt Ion:113 Resp: 159020
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 17.3 12.7 19.1

Manual Integrations
APPROVED

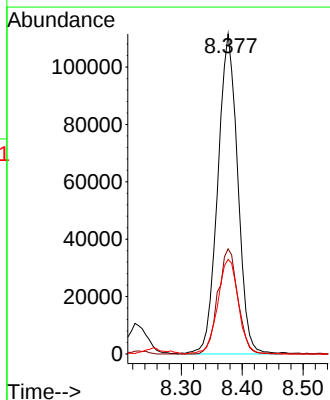
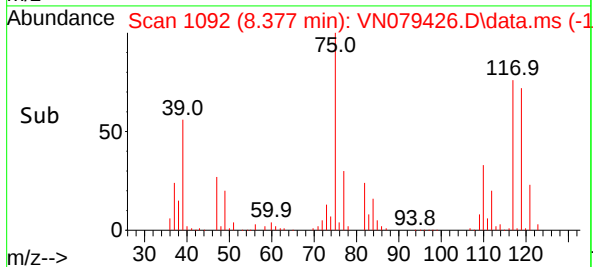
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

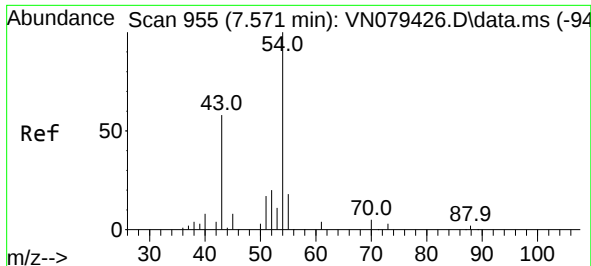


#36
1,1-Dichloropropene
Concen: 51.471 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50



Tgt Ion: 75 Resp: 253573
Ion Ratio Lower Upper
75 100
110 32.7 19.1 57.3
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 51.989 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.000 min

Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 26235

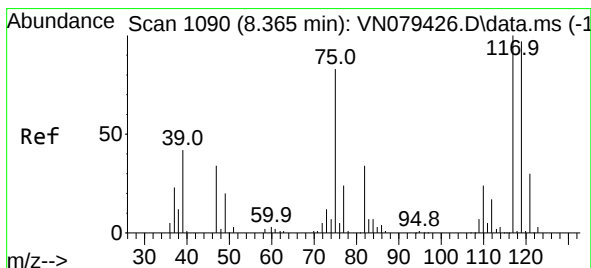
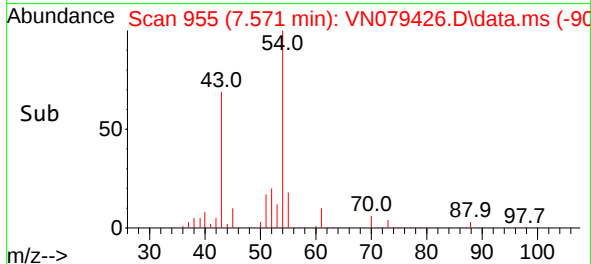
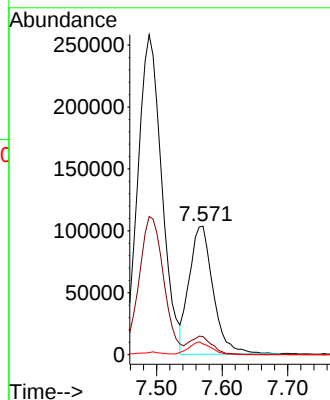
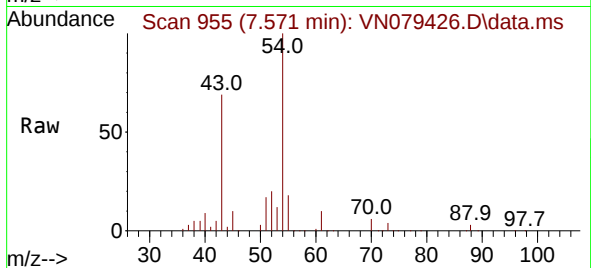
Ion	Ratio	Lower	Upper
43	100		
61	13.7	13.2	19.8
70	9.2	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#38

Carbon Tetrachloride

Concen: 50.481 ug/l

RT: 8.365 min Scan# 1090

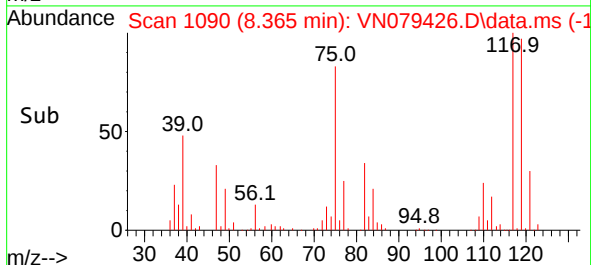
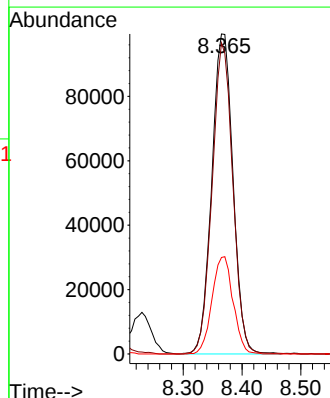
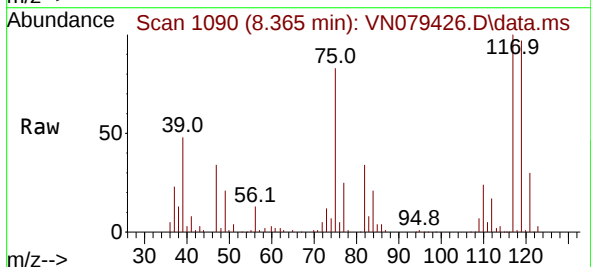
Delta R.T. 0.000 min

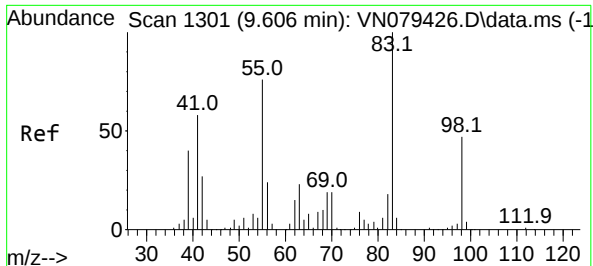
Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Tgt Ion:117 Resp: 248972

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.3	115.9
121	30.2	23.3	34.9





#39

Methylcyclohexane

Concen: 54.218 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 256624

Ion Ratio Lower Upper

83 100

55 76.4 49.1 73.7

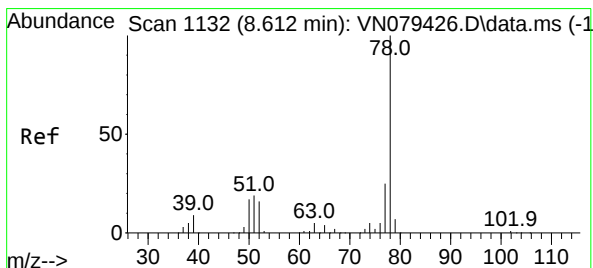
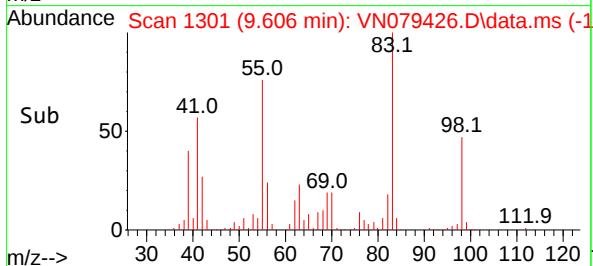
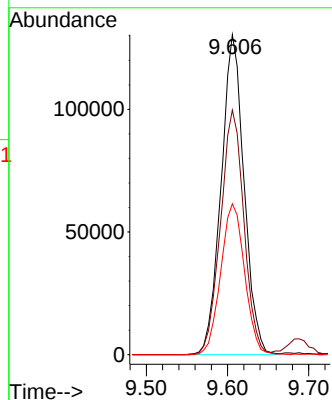
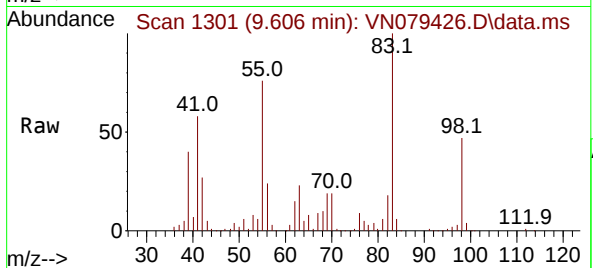
98 47.2 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#40

Benzene

Concen: 50.638 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079426.D

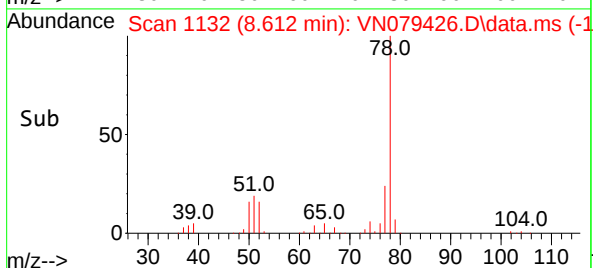
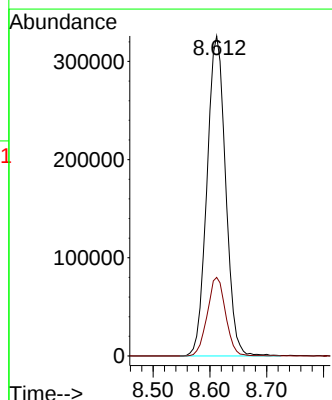
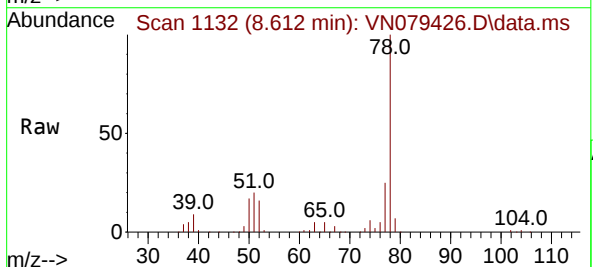
Acq: 05 Oct 2023 17:50

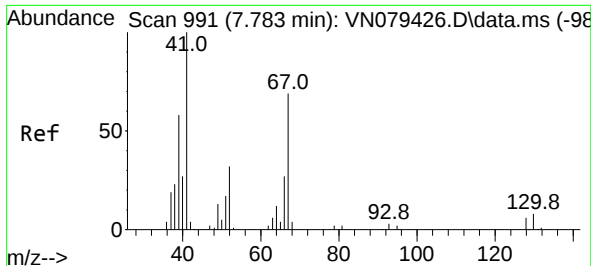
Tgt Ion: 78 Resp: 740879

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.6





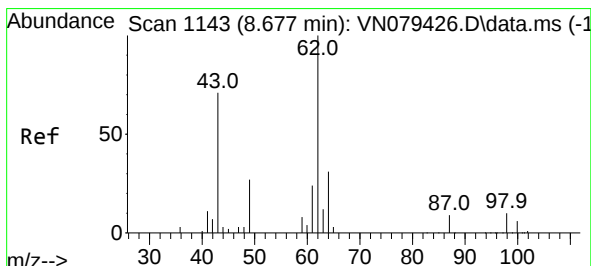
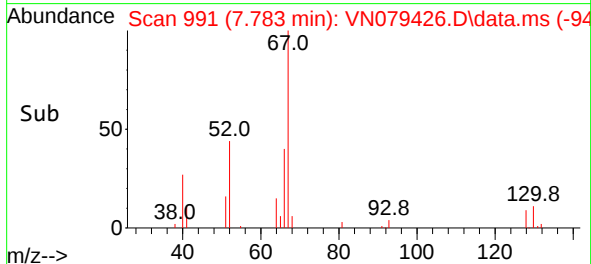
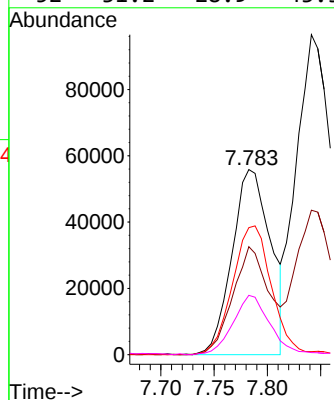
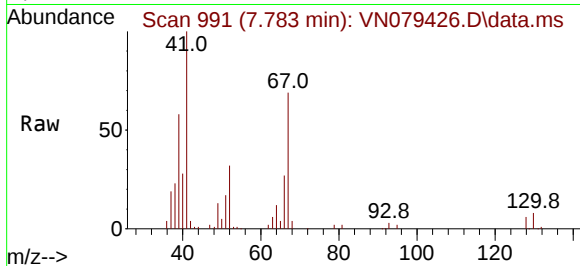
#41
Methacrylonitrile
Concen: 54.578 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 14065
Ion Ratio Lower Upper
41 100
39 55.1 42.6 64.0
67 70.8 77.5 116.3
52 31.2 28.9 43.3

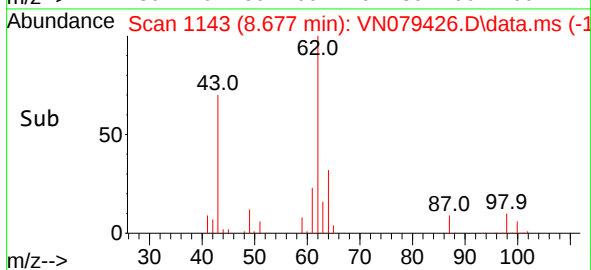
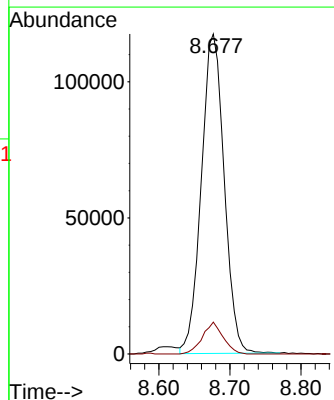
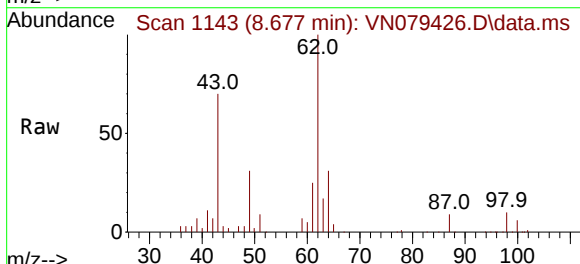
Manual Integrations
APPROVED

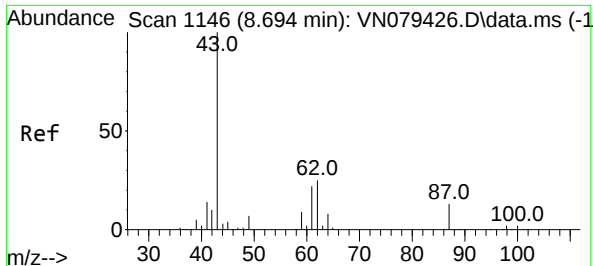
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#42
1,2-Dichloroethane
Concen: 49.447 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Tgt Ion: 62 Resp: 262877
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 50.022 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 429602

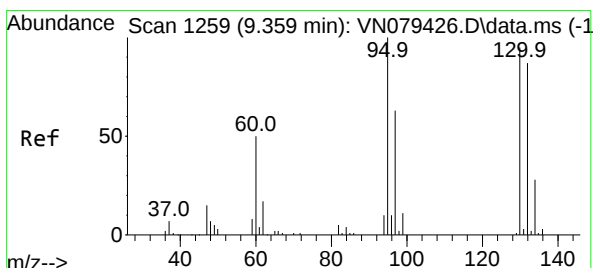
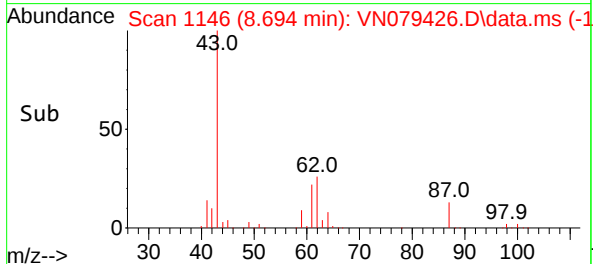
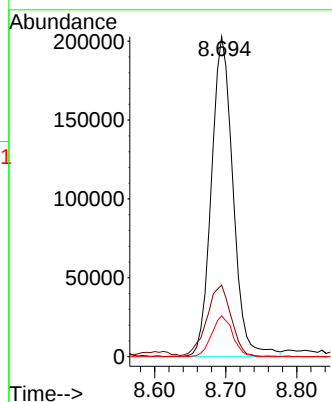
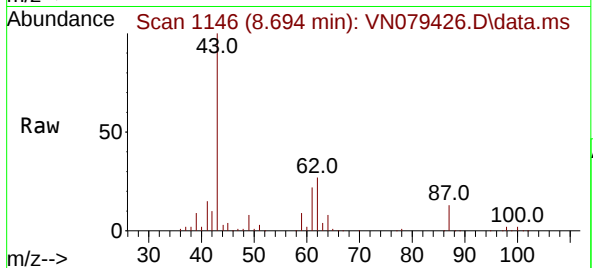
Ion	Ratio	Lower	Upper
43	100		
61	25.2	24.7	37.1
87	12.4	14.6	21.8

Manual Integrations

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Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#44

Trichloroethene

Concen: 49.611 ug/l

RT: 9.359 min Scan# 1259

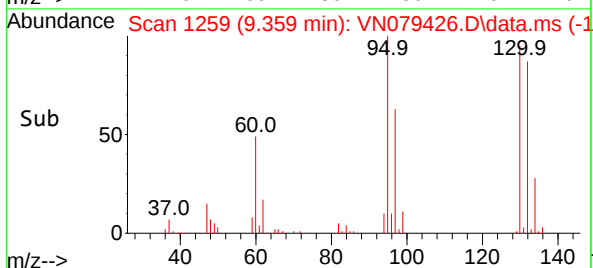
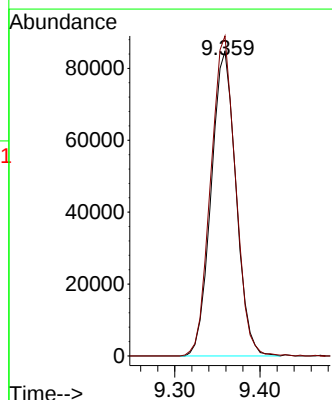
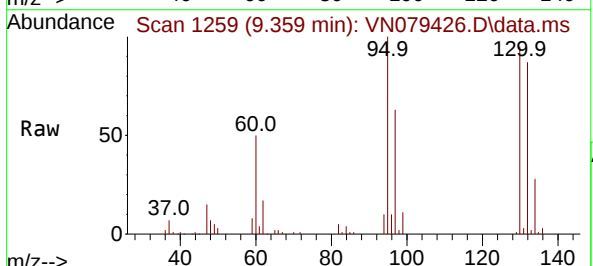
Delta R.T. 0.000 min

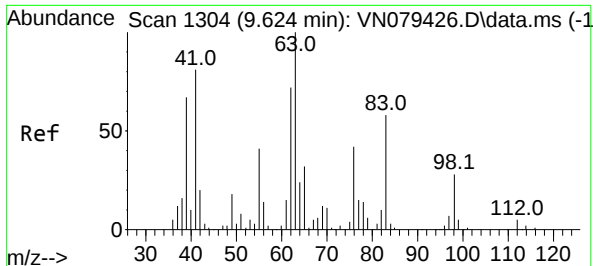
Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Tgt Ion:130 Resp: 170840

Ion	Ratio	Lower	Upper
130	100		
95	105.0	0.0	204.6





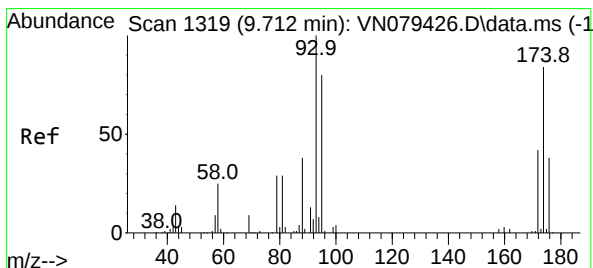
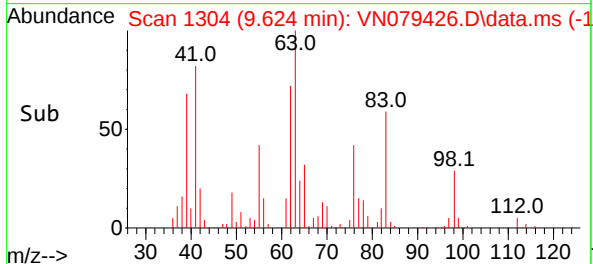
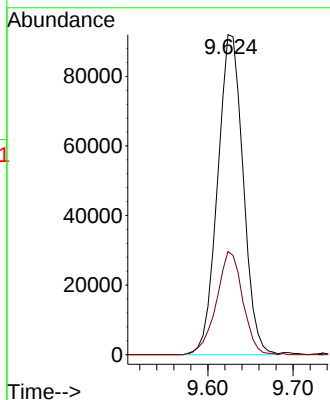
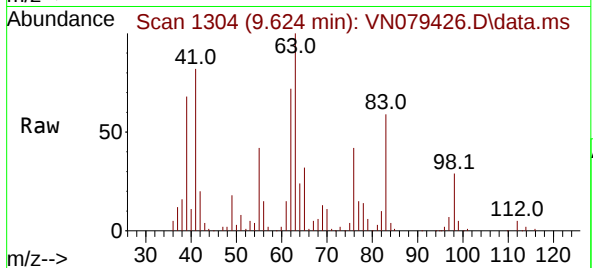
#45
1,2-Dichloropropane
Concen: 49.725 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 191680
Ion Ratio Lower Upper
63 100
65 32.2 23.9 35.9

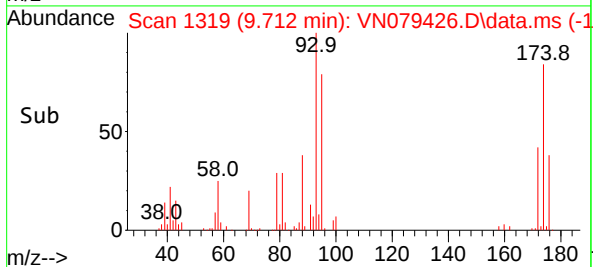
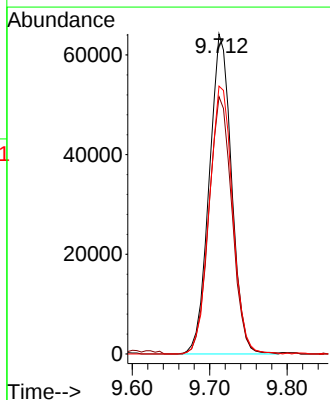
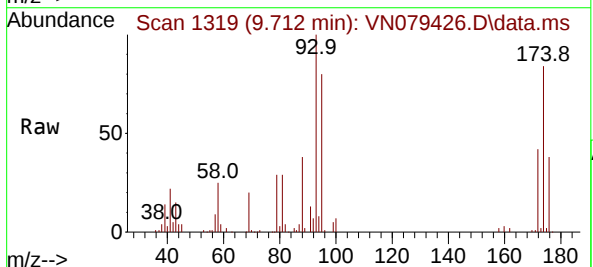
Manual Integrations
APPROVED

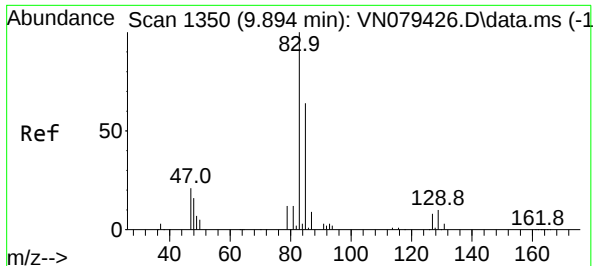
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#46
Dibromomethane
Concen: 51.605 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

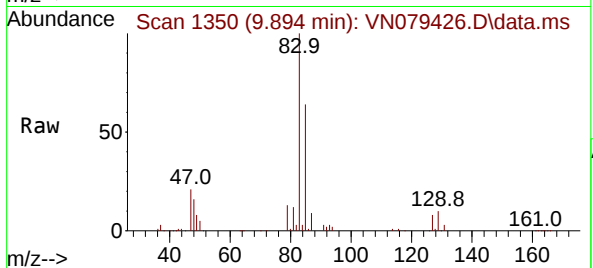
Tgt Ion: 93 Resp: 128841
Ion Ratio Lower Upper
93 100
95 82.8 63.8 95.8
174 87.5 65.6 98.4





#47
Bromodichloromethane
Concen: 51.378 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

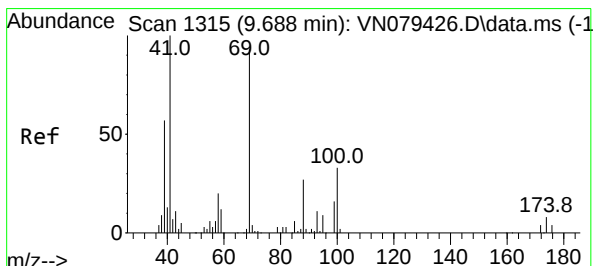
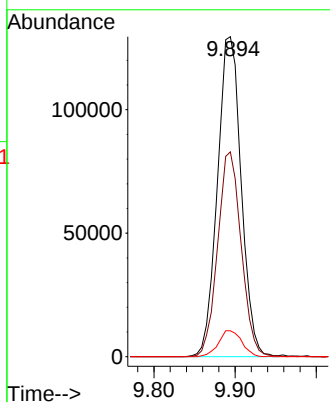
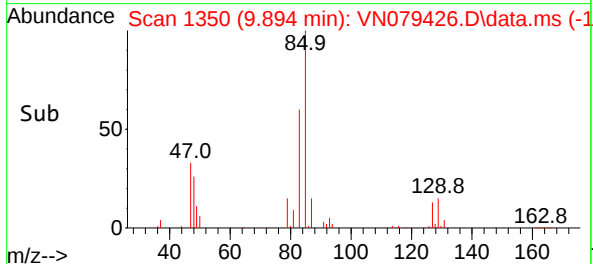
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 263864
Ion Ratio Lower Upper
83 100
85 64.0 49.6 74.4
127 8.1 7.0 10.6

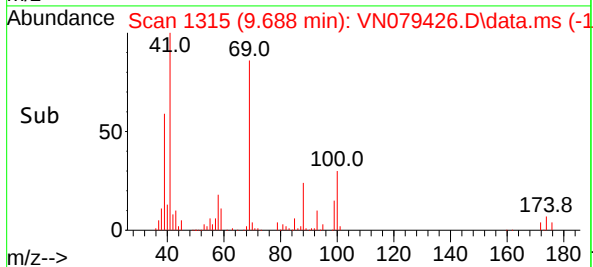
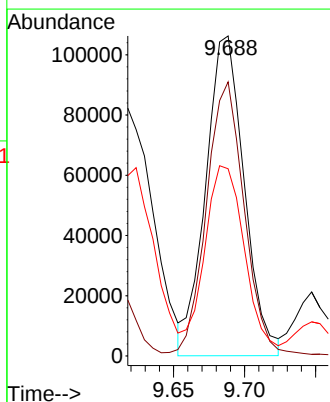
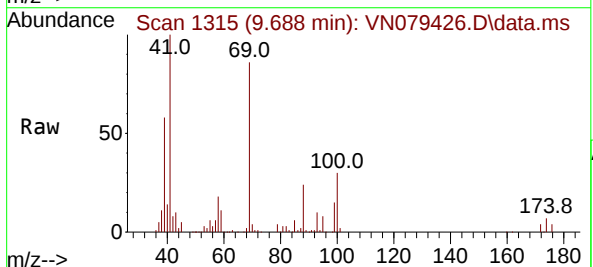
Manual Integrations
APPROVED

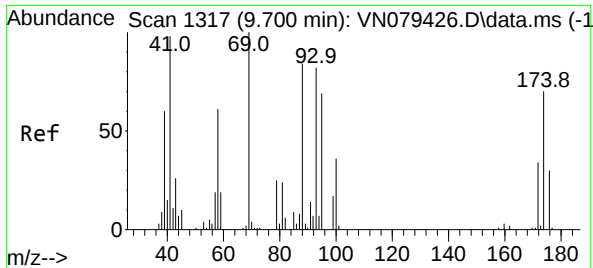
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#48
Methyl methacrylate
Concen: 54.480 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Tgt Ion: 41 Resp: 200499
Ion Ratio Lower Upper
41 100
69 85.2 90.4 135.6#
39 62.3 54.6 81.8





#49

1,4-Dioxane

Concen: 1129.599 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 7657

Ion Ratio Lower Upper

88 100

43 29.7 17.0 25.6

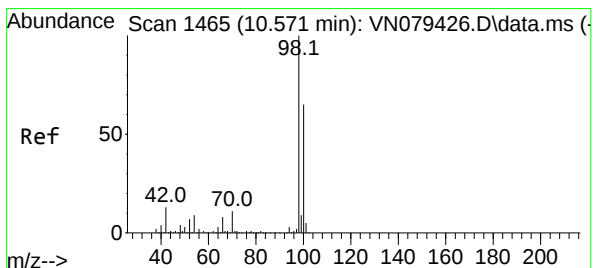
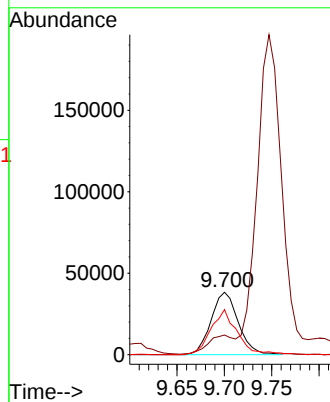
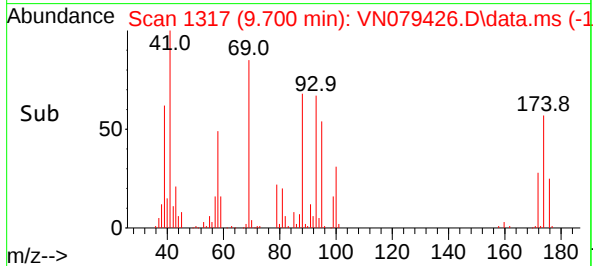
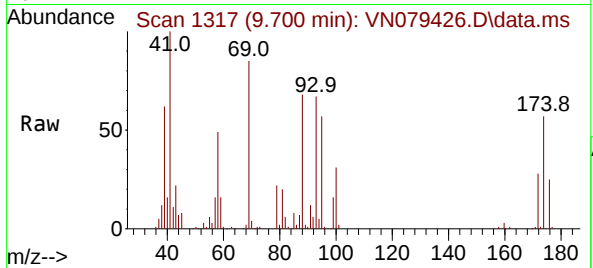
58 70.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#50

Toluene-d8

Concen: 51.548 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079426.D

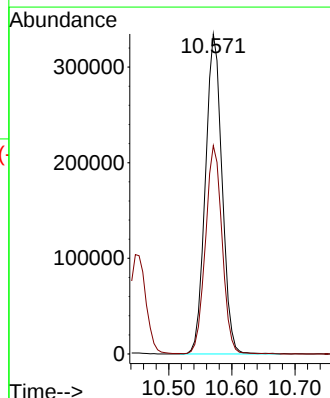
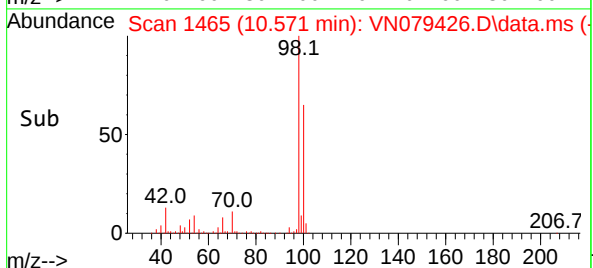
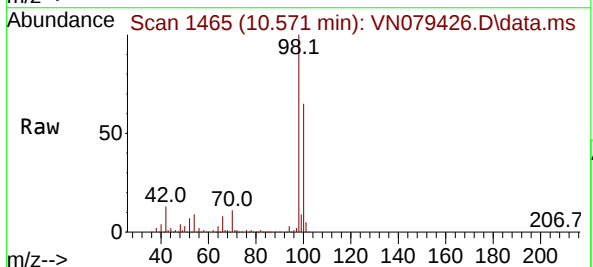
Acq: 05 Oct 2023 17:50

Tgt Ion: 98 Resp: 612229

Ion Ratio Lower Upper

98 100

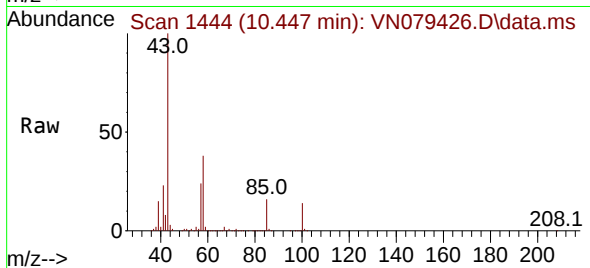
100 64.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 272.397 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

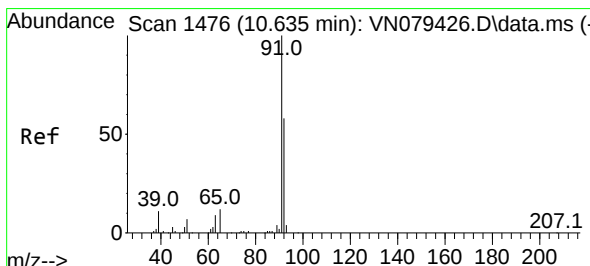
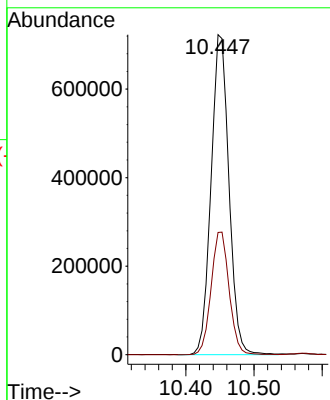
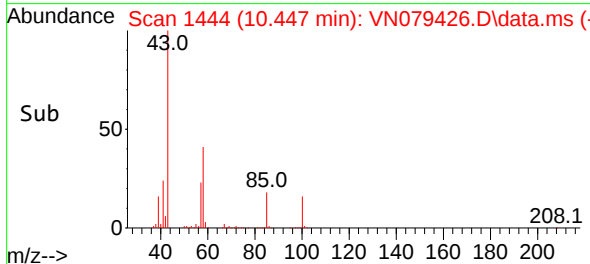
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



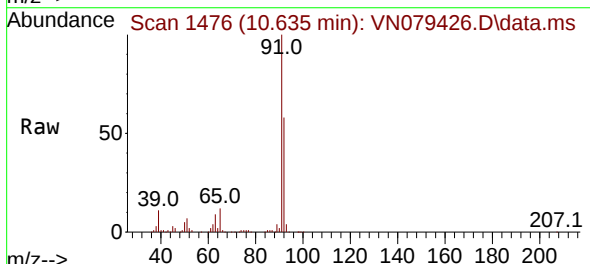
Tgt Ion: 43 Resp: 132059
Ion Ratio Lower Upper
43 100
58 38.6 36.6 54.8

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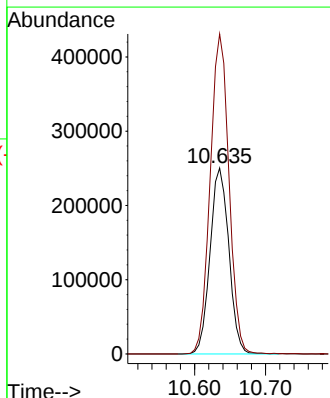
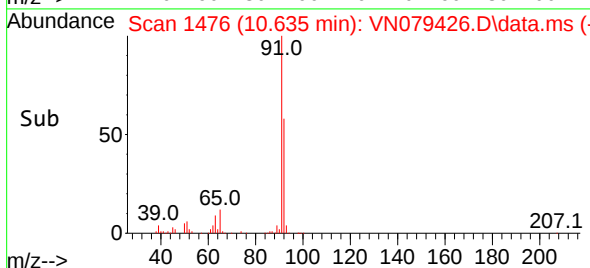
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

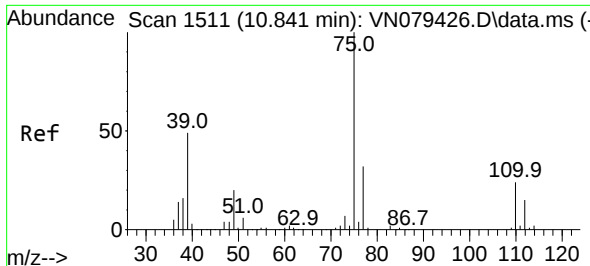


#52
Toluene
Concen: 53.367 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50



Tgt Ion: 92 Resp: 459609
Ion Ratio Lower Upper
92 100
91 171.9 137.4 206.0





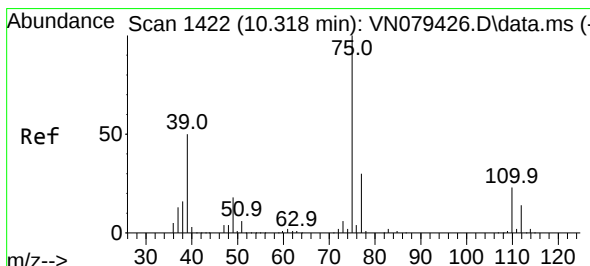
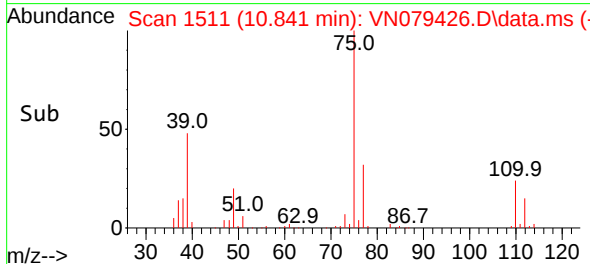
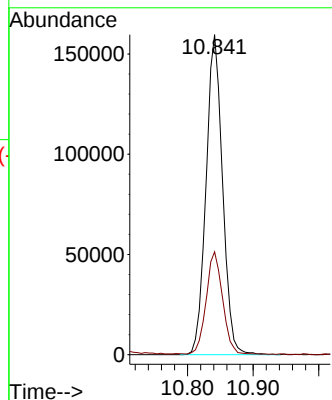
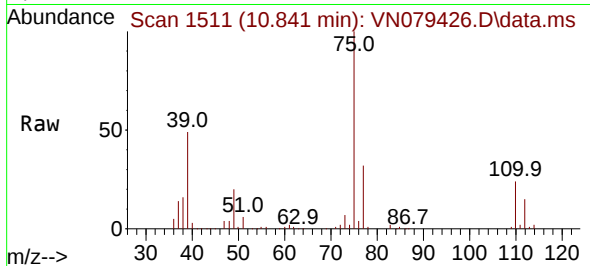
#53
 t-1,3-Dichloropropene
 Concen: 53.984 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079426.D
 Acq: 05 Oct 2023 17:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 27939
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0

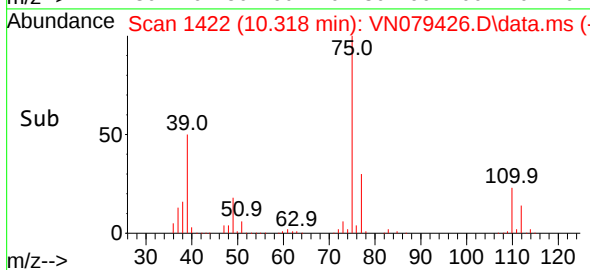
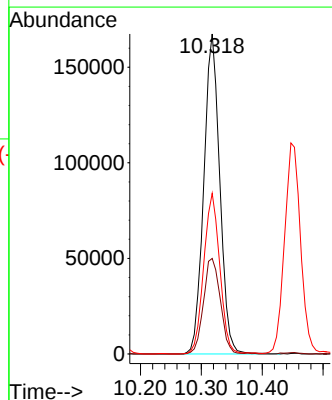
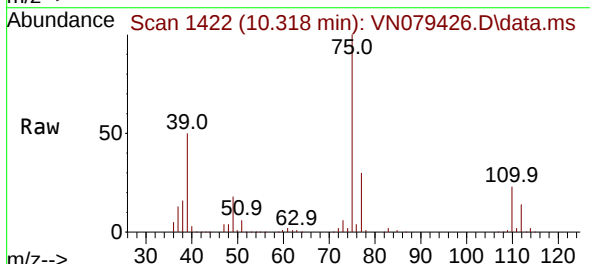
Manual Integrations
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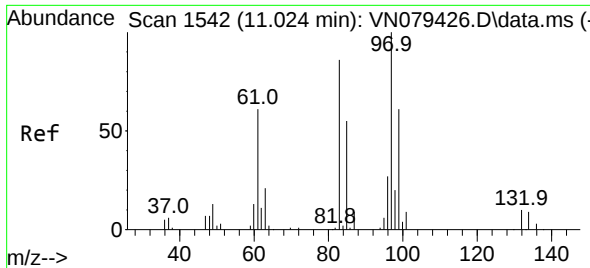
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#54
 cis-1,3-Dichloropropene
 Concen: 53.963 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079426.D
 Acq: 05 Oct 2023 17:50

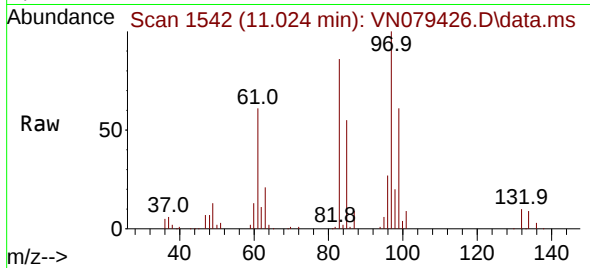
Tgt Ion: 75 Resp: 305732
 Ion Ratio Lower Upper
 75 100
 77 29.8 26.1 39.1
 39 50.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 50.944 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

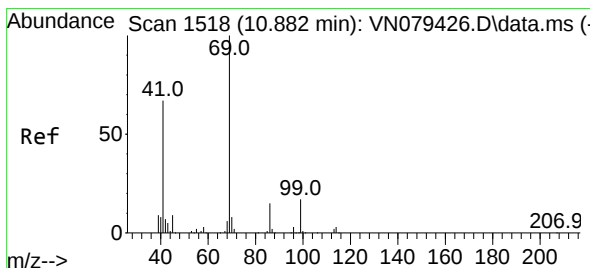
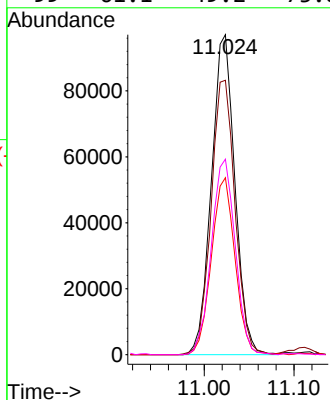
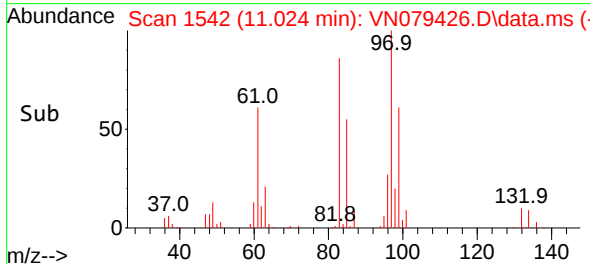


Tgt Ion: 97 Resp: 176140

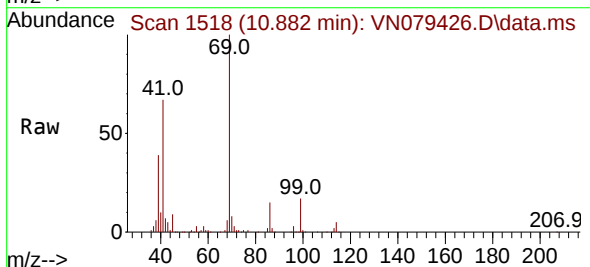
Ion	Ratio	Lower	Upper
97	100		
83	85.8	65.1	97.7
85	55.3	43.4	65.2
99	61.1	49.2	73.8

Manual Integrations
APPROVED

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

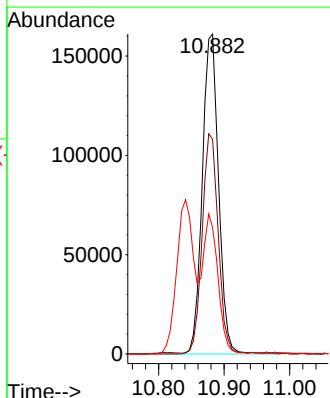
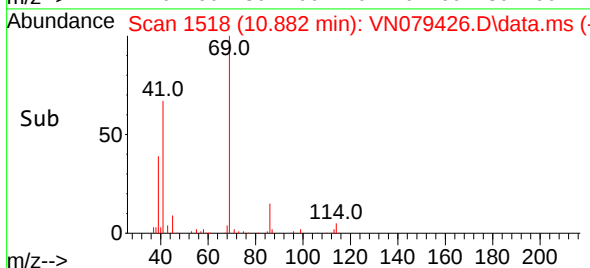


#56
Ethyl methacrylate
Concen: 58.649 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50



Tgt Ion: 69 Resp: 278647

Ion	Ratio	Lower	Upper
69	100		
41	67.1	39.6	59.4
39	40.6	28.6	43.0





#57

1,3-Dichloropropane

Concen: 52.108 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 311102

Ion Ratio Lower Upper

76 100

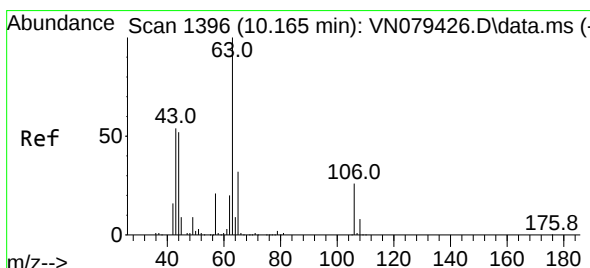
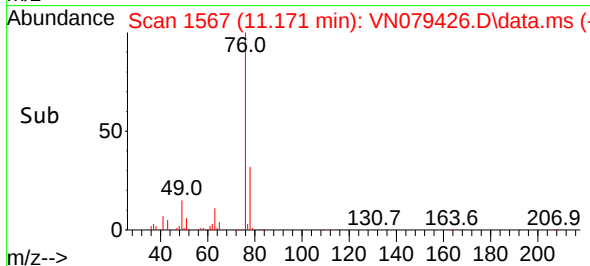
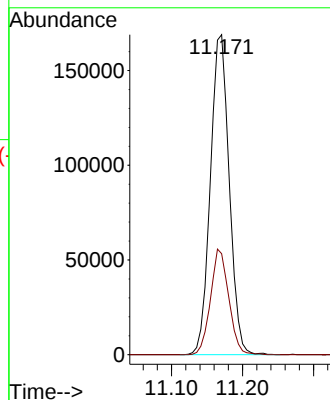
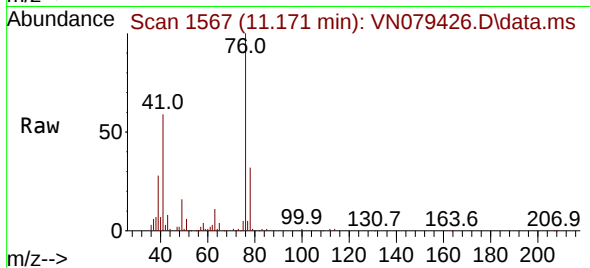
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 286.529 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079426.D

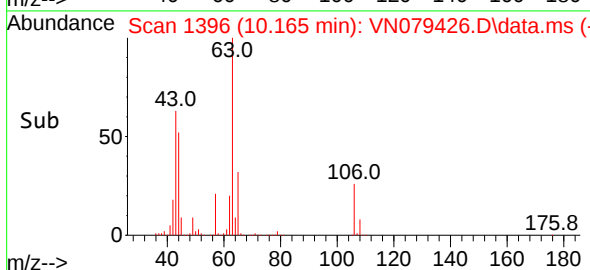
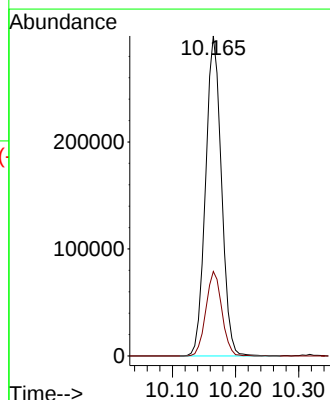
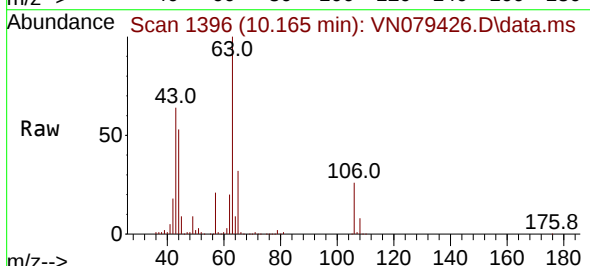
Acq: 05 Oct 2023 17:50

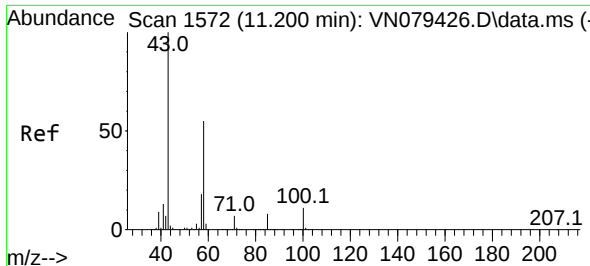
Tgt Ion: 63 Resp: 521343

Ion Ratio Lower Upper

63 100

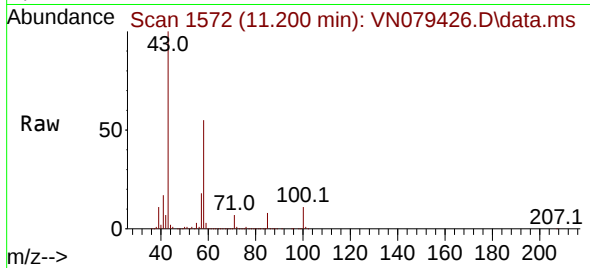
106 26.5 26.2 39.4





#59
2-Hexanone
Concen: 282.848 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

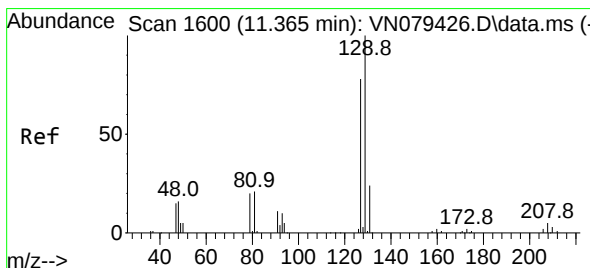
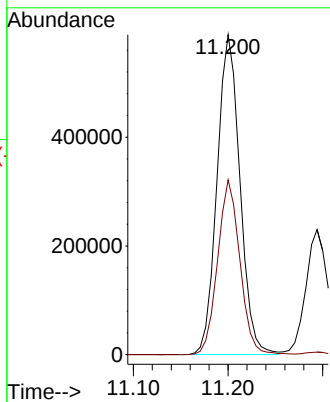
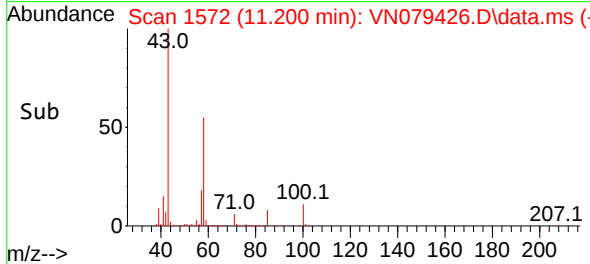
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



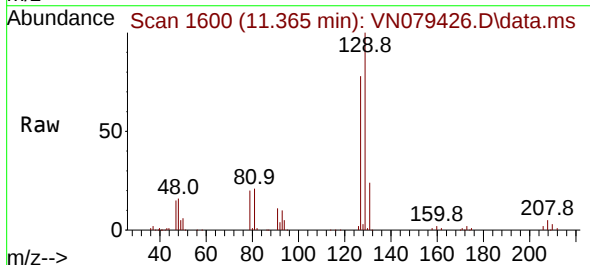
Tgt Ion: 43 Resp: 989510
Ion Ratio Lower Upper
43 100
58 53.2 31.7 95.1

Manual Integrations
APPROVED

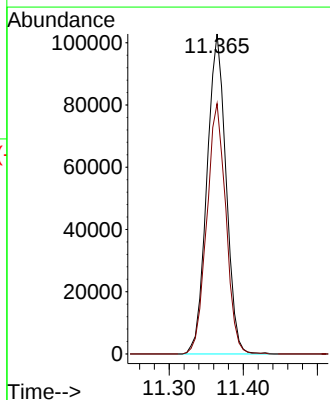
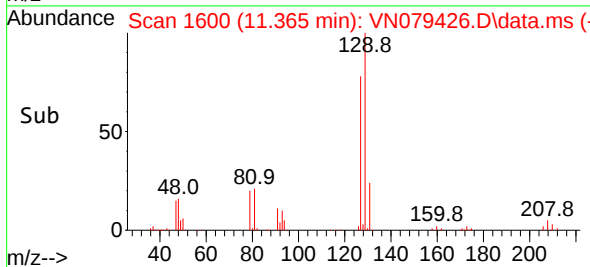
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

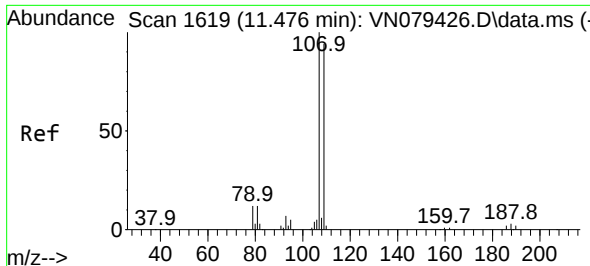


#60
Dibromochloromethane
Concen: 53.019 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50



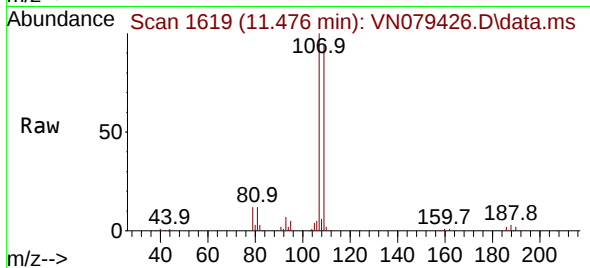
Tgt Ion:129 Resp: 184235
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.249 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

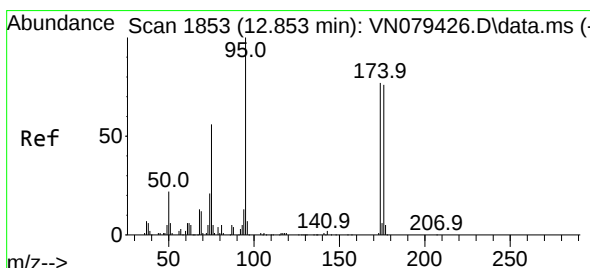
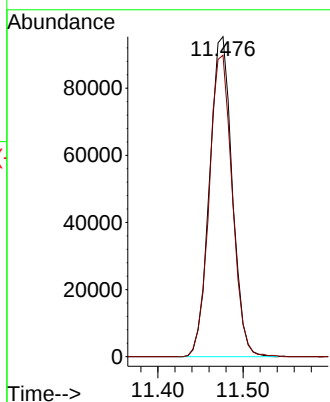
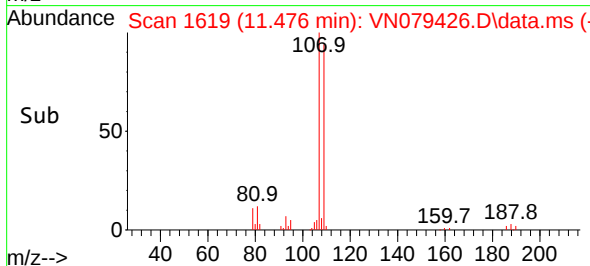
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 175850
Ion Ratio Lower Upper
107 100
109 96.0 76.6 114.8

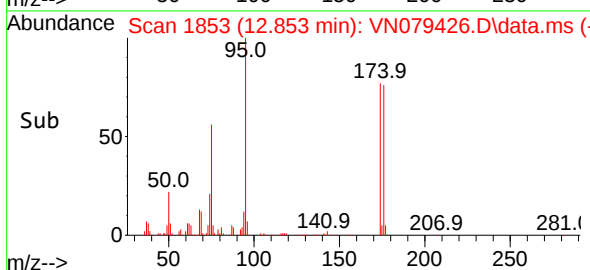
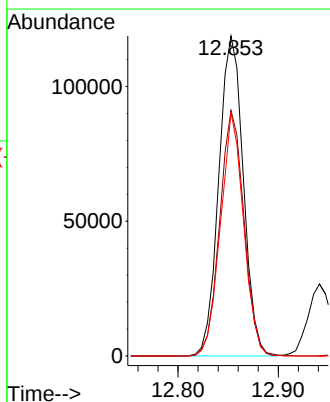
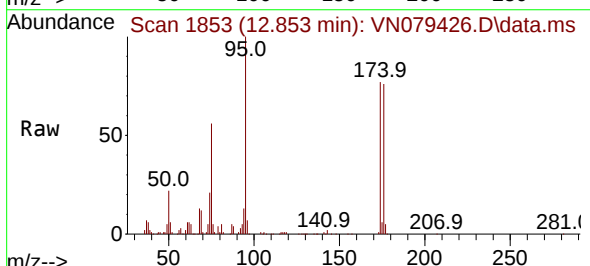
Manual Integrations
APPROVED

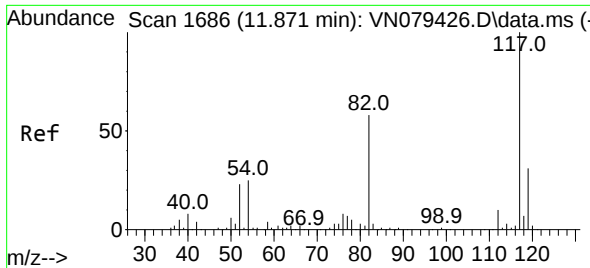
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#62
4-Bromofluorobenzene
Concen: 52.822 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

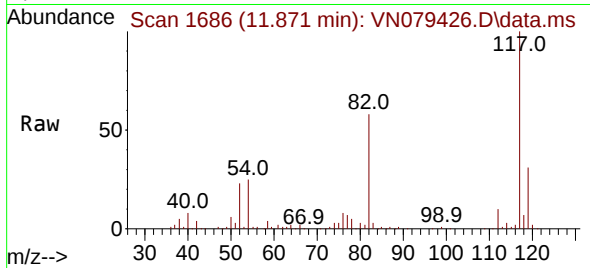
Tgt Ion: 95 Resp: 201333
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 71.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

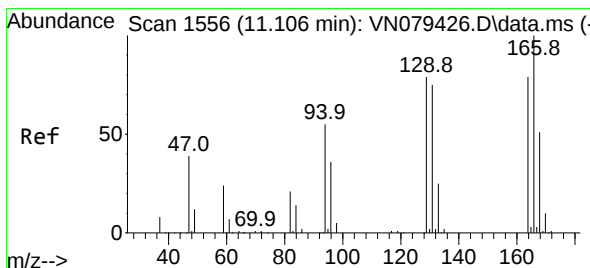
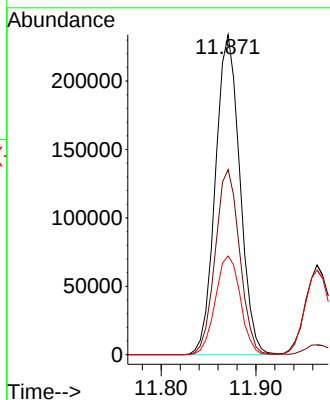
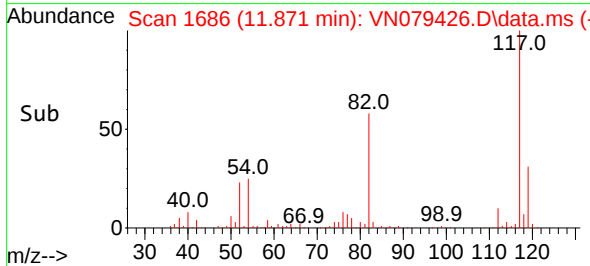
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 419880
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 30.9 25.6 38.4

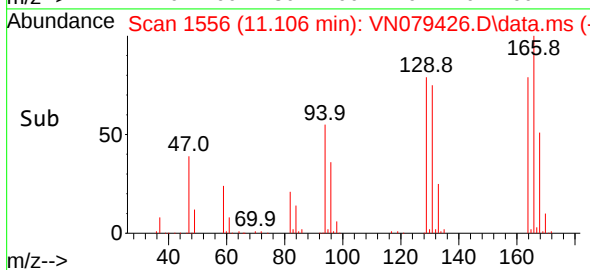
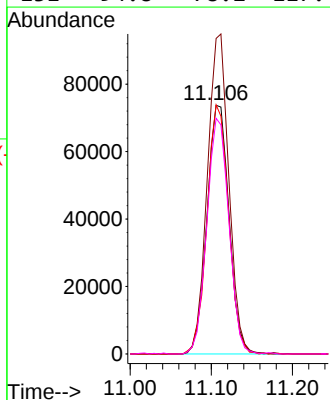
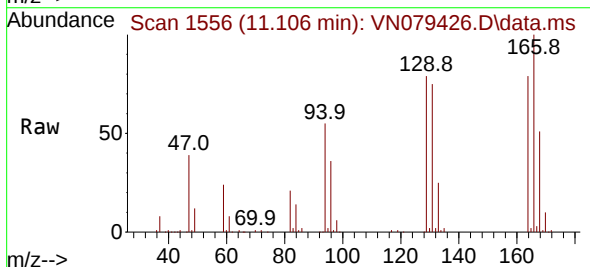
Manual Integrations
APPROVED

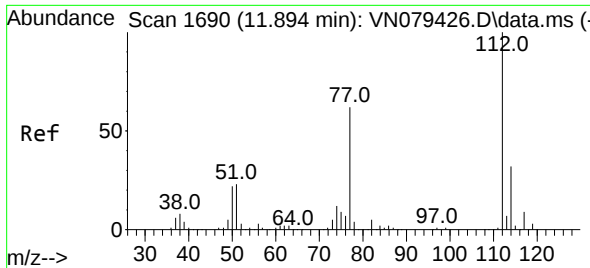
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#64
Tetrachloroethene
Concen: 48.338 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Tgt Ion:164 Resp: 139621
Ion Ratio Lower Upper
164 100
166 126.9 101.4 152.0
129 100.2 82.4 123.6
131 94.8 78.2 117.4





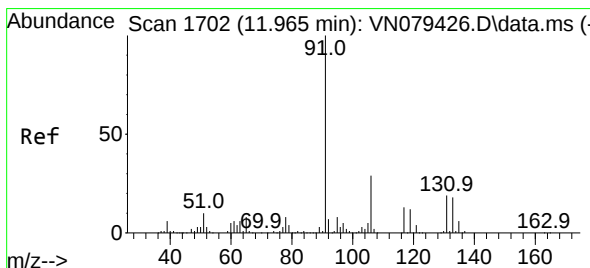
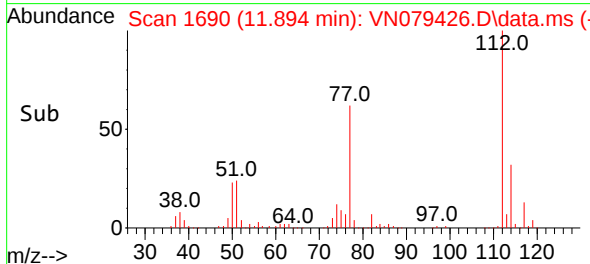
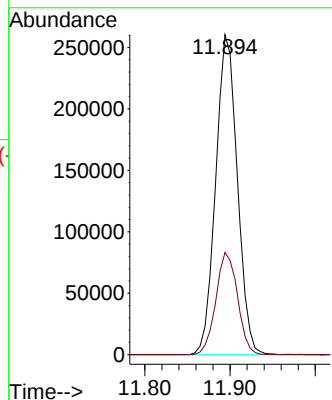
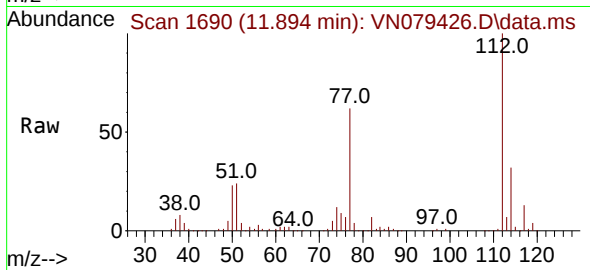
#65
Chlorobenzene
Concen: 49.191 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 45997
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4

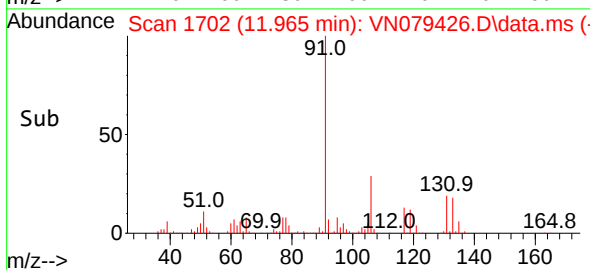
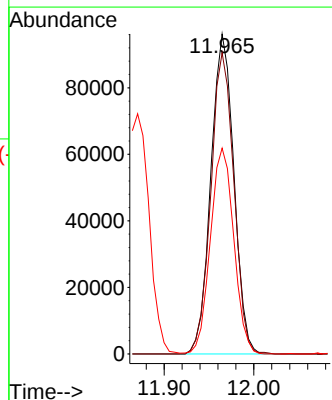
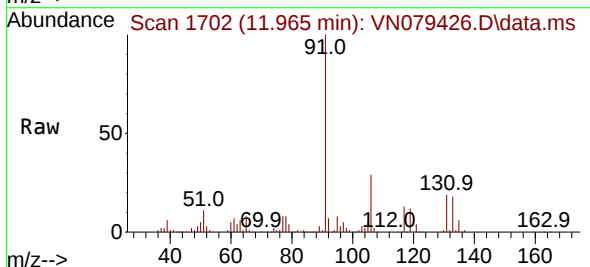
Manual Integrations
APPROVED

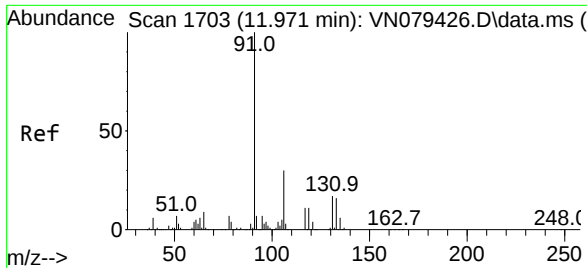
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.924 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

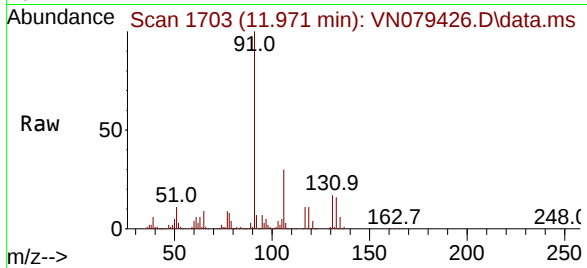
Tgt Ion:131 Resp: 170928
Ion Ratio Lower Upper
131 100
133 94.4 46.4 139.1
119 65.6 34.1 102.2





#67
Ethyl Benzene
Concen: 53.812 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

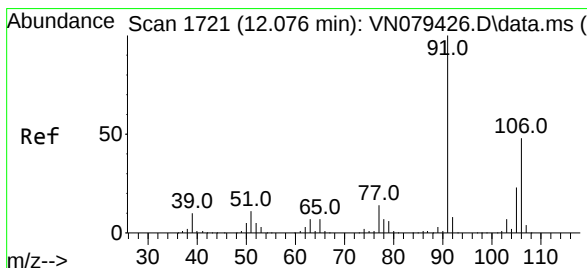
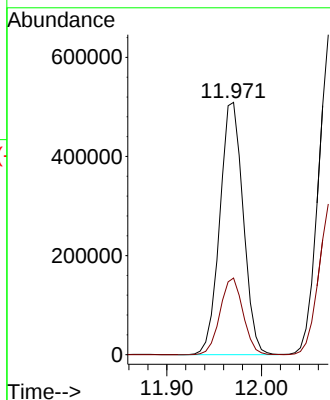
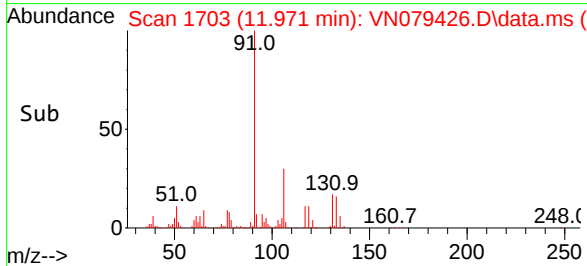
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



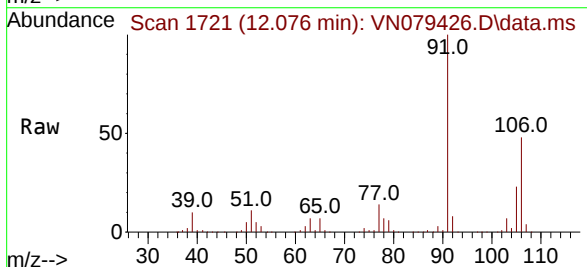
Tgt Ion: 91 Resp: 87458
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

Manual Integrations
APPROVED

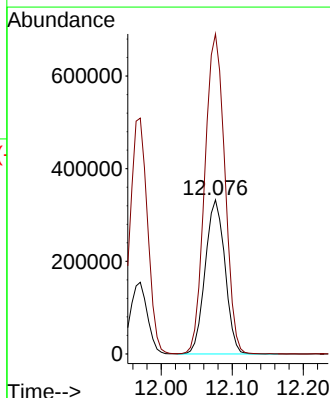
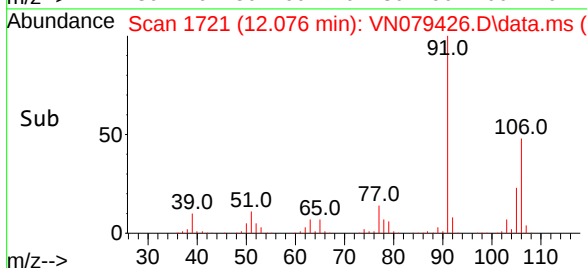
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

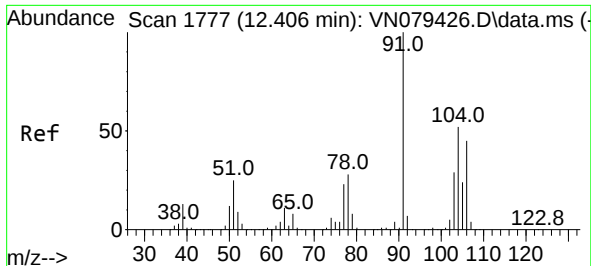


#68
m/p-Xylenes
Concen: 108.742 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50



Tgt Ion:106 Resp: 642159
Ion Ratio Lower Upper
106 100
91 210.7 159.6 239.4





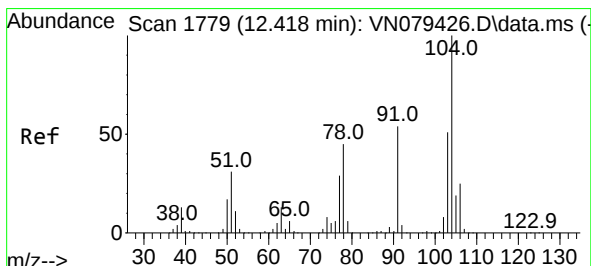
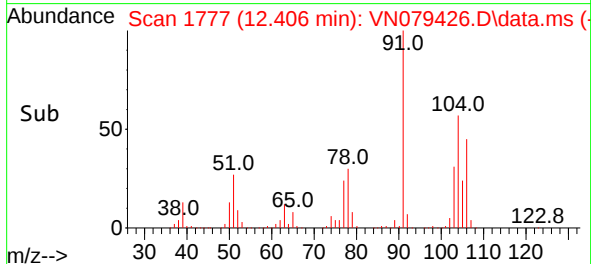
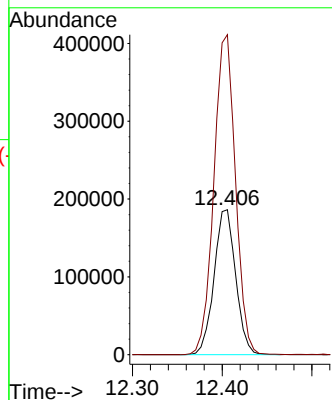
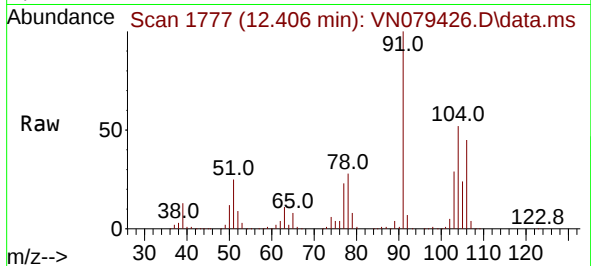
#69
o-Xylene
Concen: 53.663 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 31165
Ion Ratio Lower Upper
106 100
91 220.5 105.2 315.5

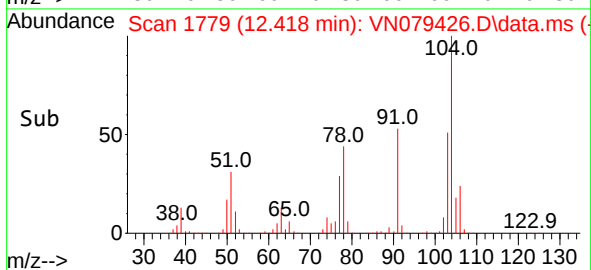
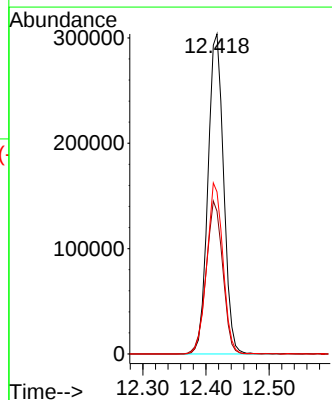
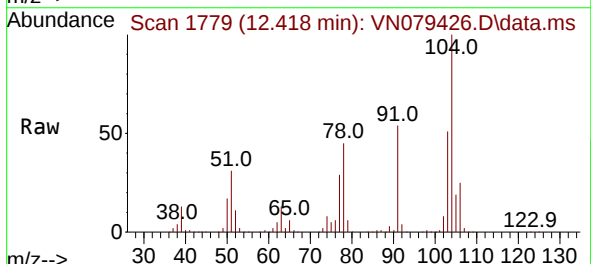
Manual Integrations
APPROVED

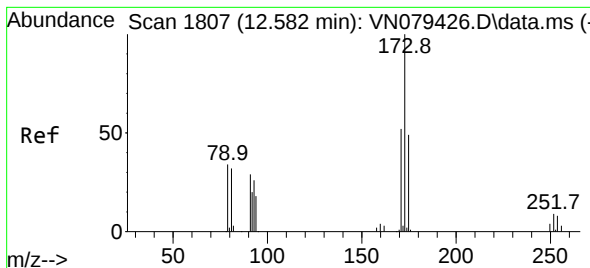
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#70
Styrene
Concen: 57.034 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Tgt Ion:104 Resp: 523201
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 55.0 43.2 64.8





#71

Bromoform

Concen: 50.412 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 12632

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

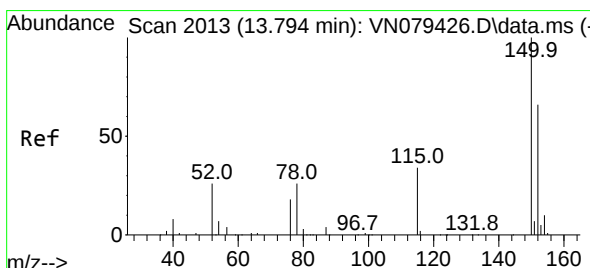
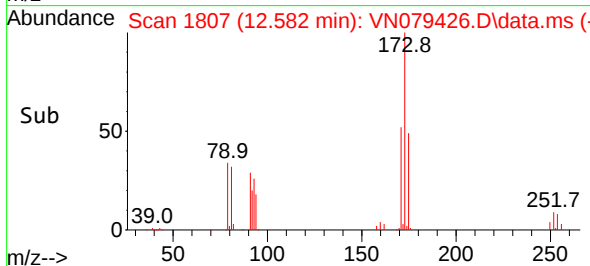
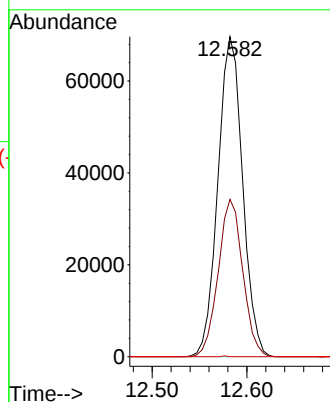
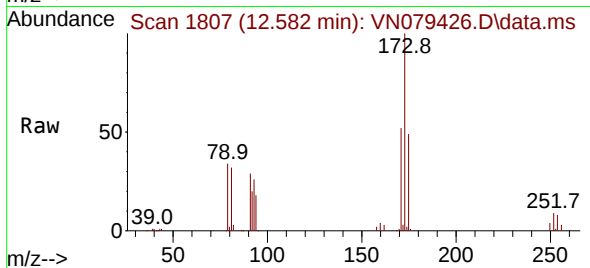
254 0.0 0.0 0.0

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: VN079426.D

Acq: 05 Oct 2023 17:50

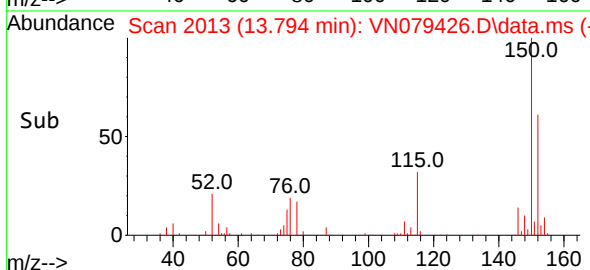
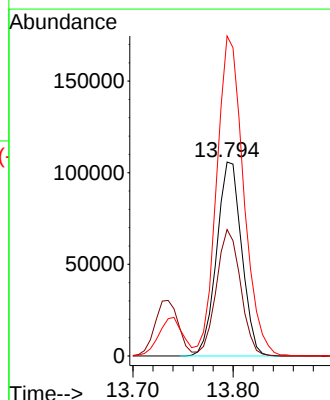
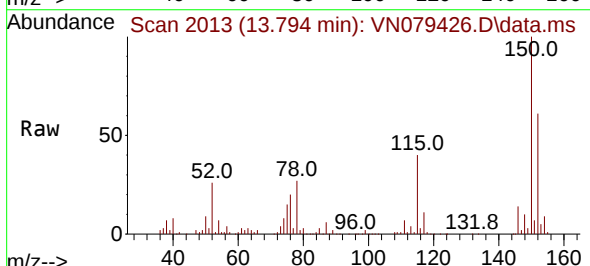
Tgt Ion:152 Resp: 183152

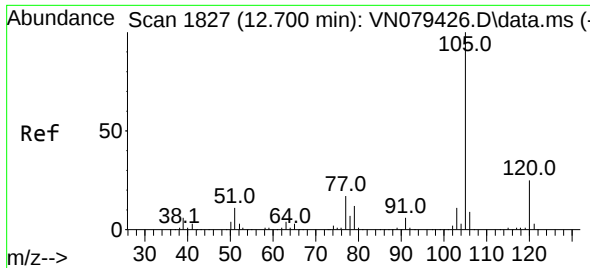
Ion Ratio Lower Upper

152 100

115 63.5 32.3 96.8

150 177.8 0.0 355.8





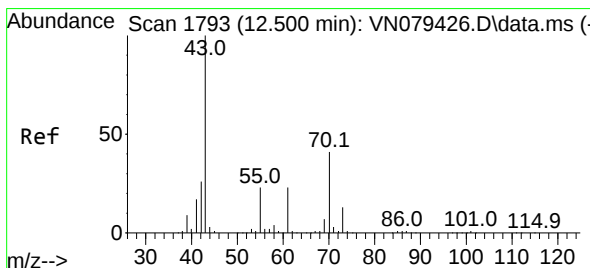
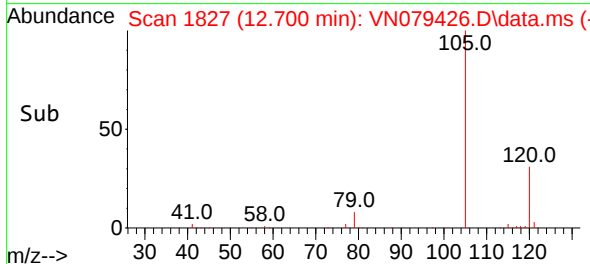
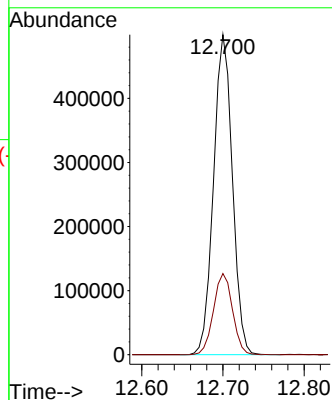
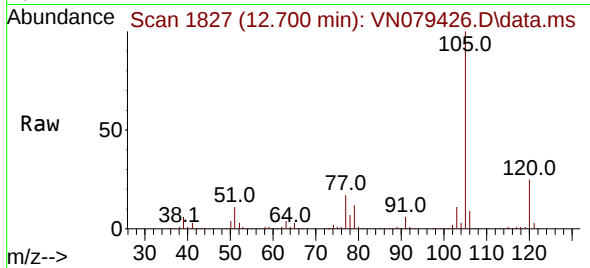
#73
Isopropylbenzene
Concen: 47.264 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 805340
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1

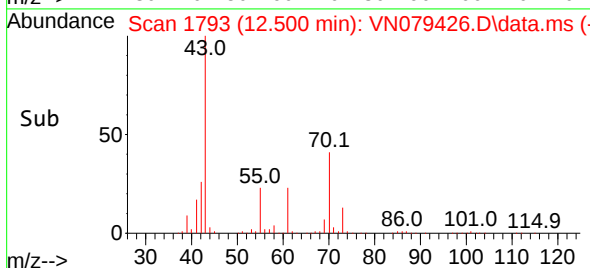
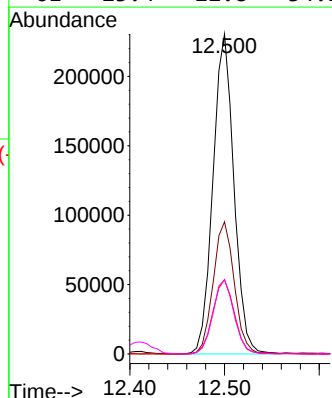
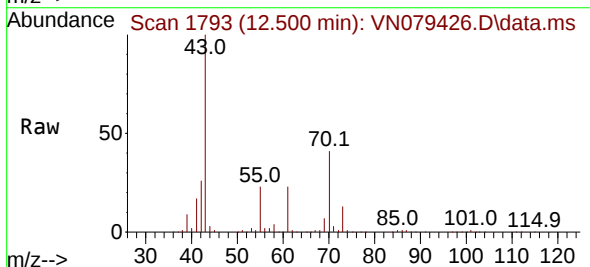
Manual Integrations
APPROVED

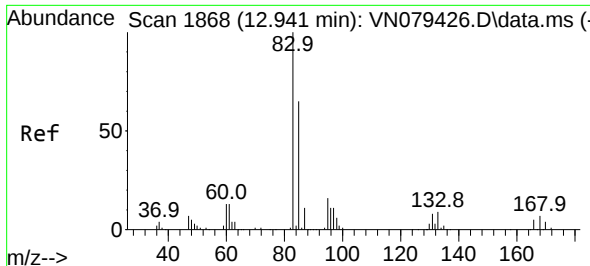
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#74
N-ethyl acetate
Concen: 50.752 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

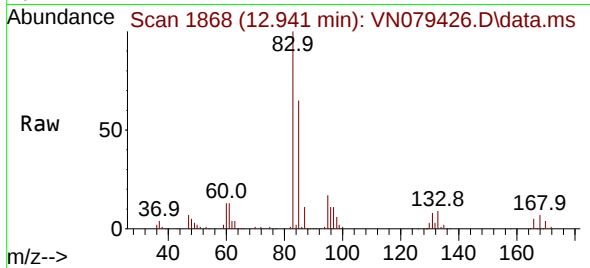
Tgt Ion: 43 Resp: 354519
Ion Ratio Lower Upper
43 100
70 41.8 43.4 65.2#
55 24.0 21.4 32.0
61 23.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.693 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

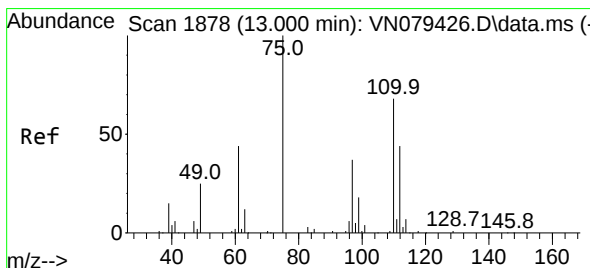
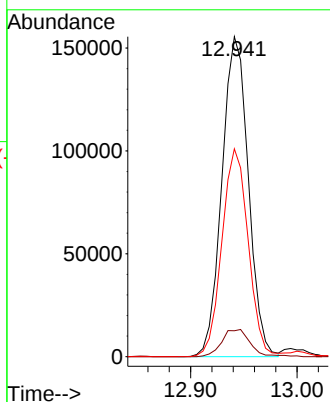
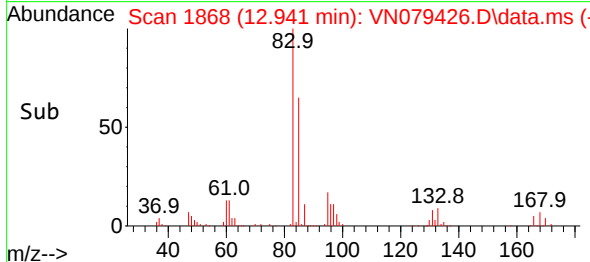
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 267974
Ion Ratio Lower Upper
83 100
131 9.2 5.0 15.0
85 64.4 31.9 95.7

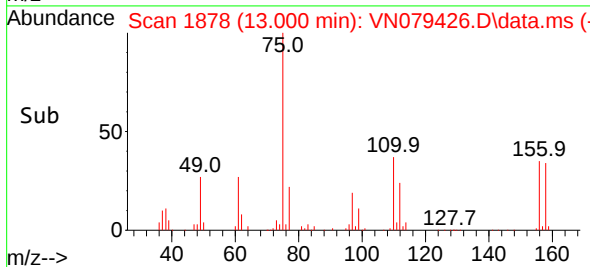
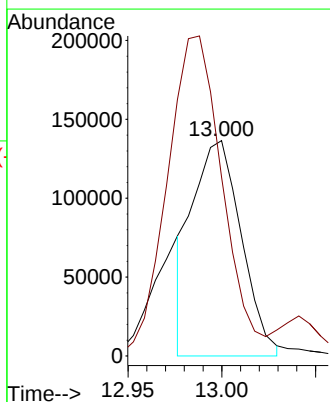
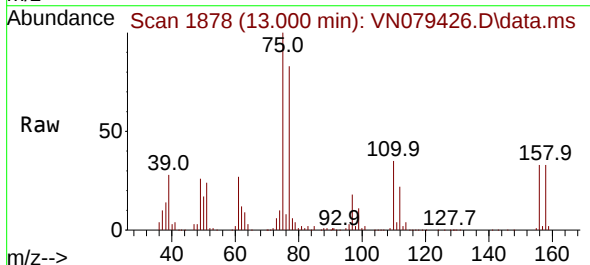
Manual Integrations
APPROVED

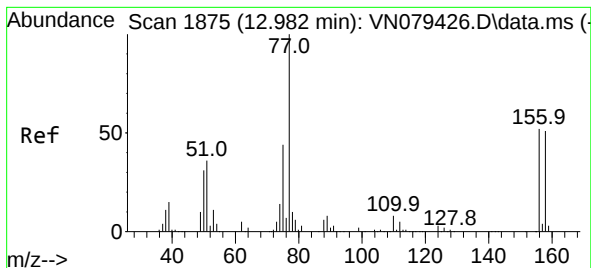
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#76
1,2,3-Trichloropropane
Concen: 45.331 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Tgt Ion: 75 Resp: 246039
Ion Ratio Lower Upper
75 100
77 168.9 84.5 253.5





#77

Bromobenzene

Concen: 44.195 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Instrument :

MSVOA_N

ClientSampleId :

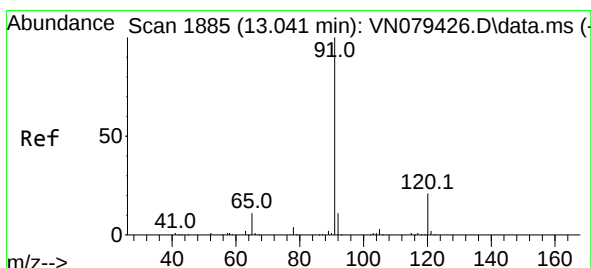
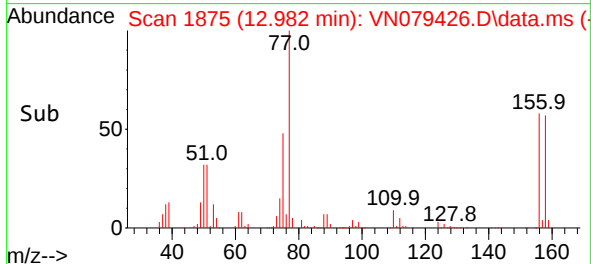
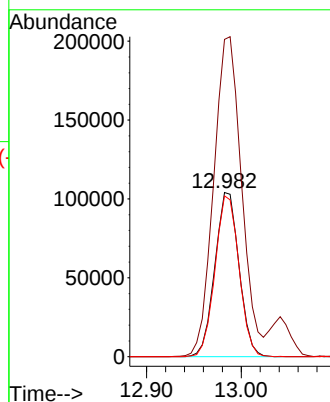
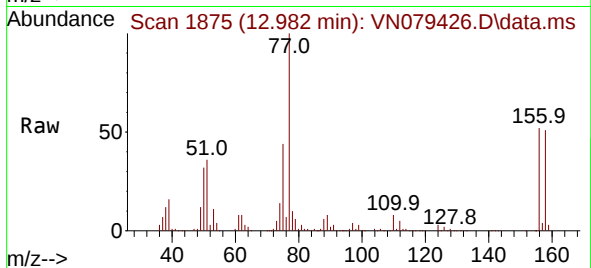
VSTDICCC050

Tgt Ion:156 Resp: 184640
 Ion Ratio Lower Upper
 156 100
 77 225.0 107.7 323.3
 158 96.9 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: 49.748 ug/l

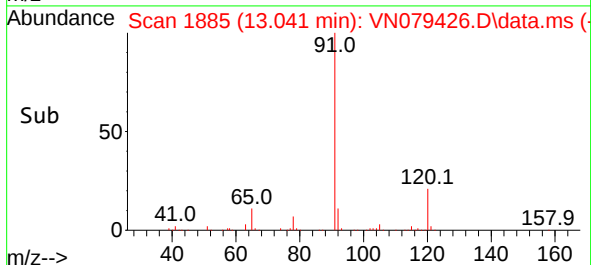
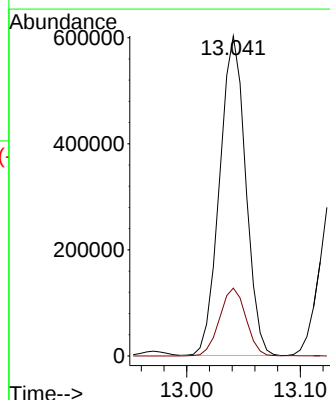
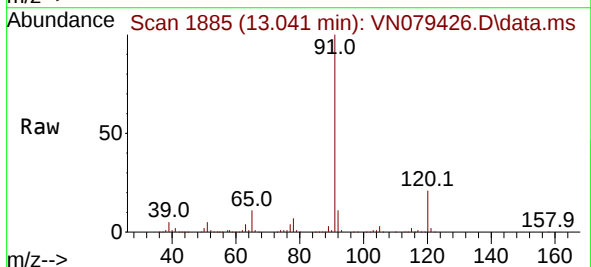
RT: 13.041 min Scan# 1885

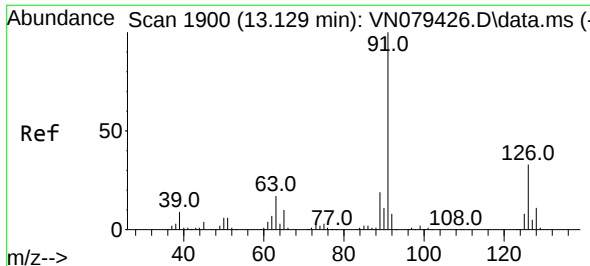
Delta R.T. 0.000 min

Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Tgt Ion: 91 Resp: 959048
 Ion Ratio Lower Upper
 91 100
 120 21.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 45.456 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 560748

Ion Ratio Lower Upper

91 100

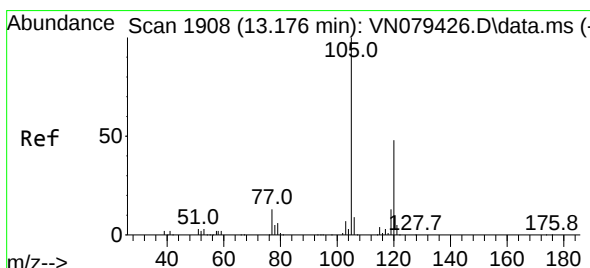
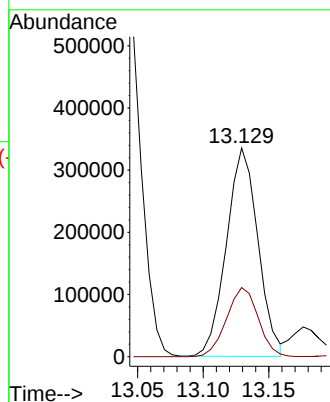
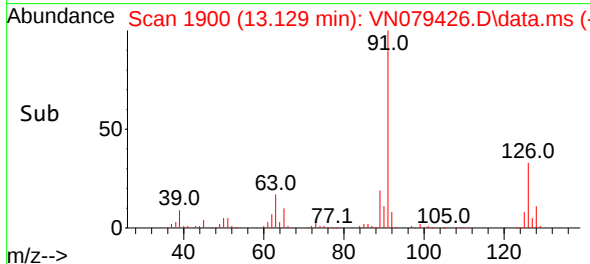
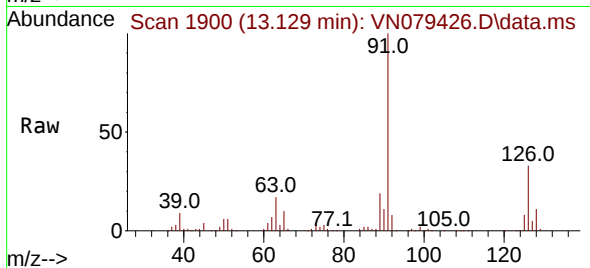
126 33.3 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#80

1,3,5-Trimethylbenzene

Concen: 49.461 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079426.D

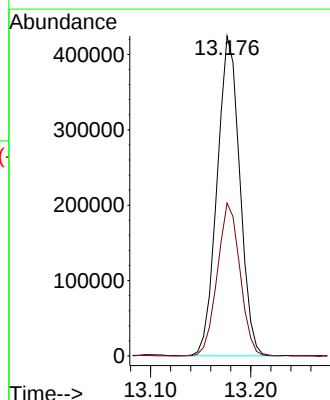
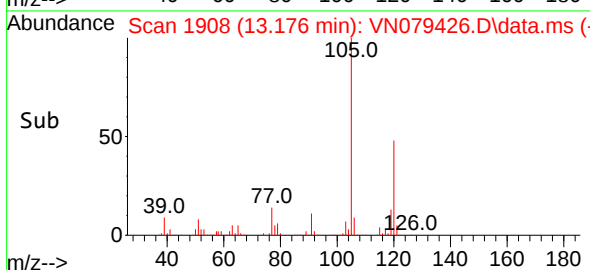
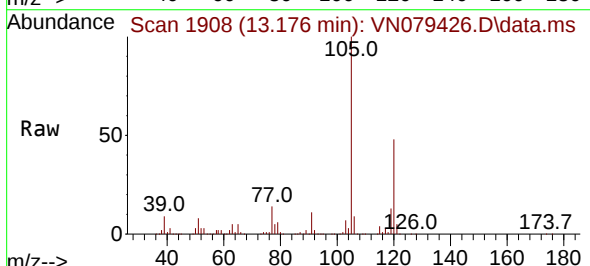
Acq: 05 Oct 2023 17:50

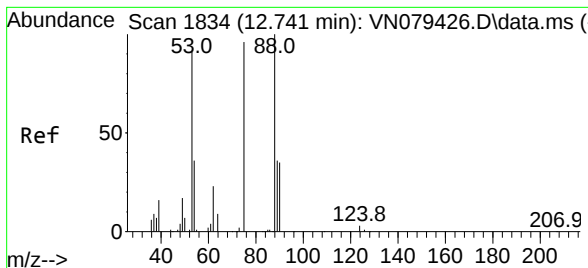
Tgt Ion:105 Resp: 664566

Ion Ratio Lower Upper

105 100

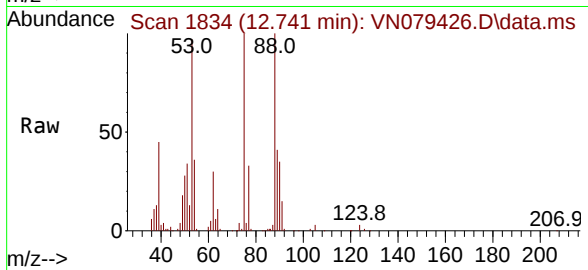
120 47.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.286 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

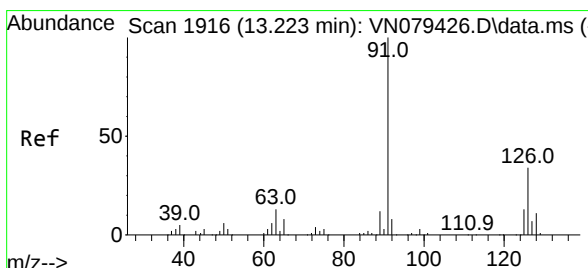
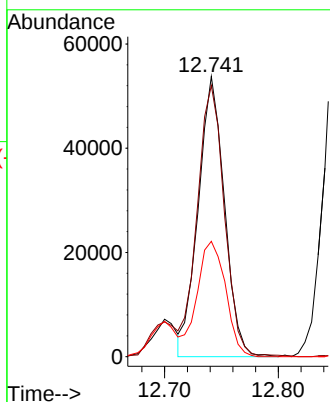
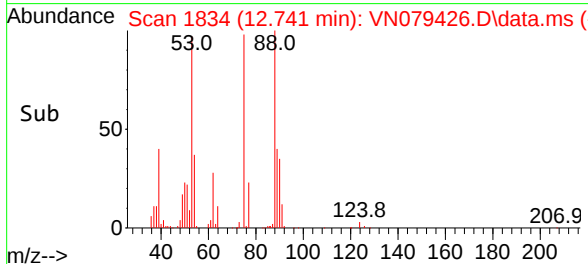
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 86059
Ion Ratio Lower Upper
75 100
53 100.3 67.4 101.2
89 45.2 38.8 58.2

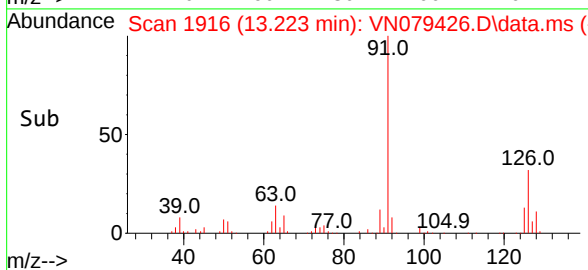
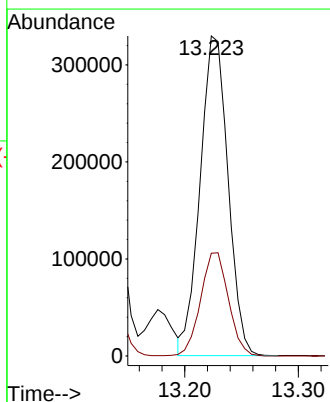
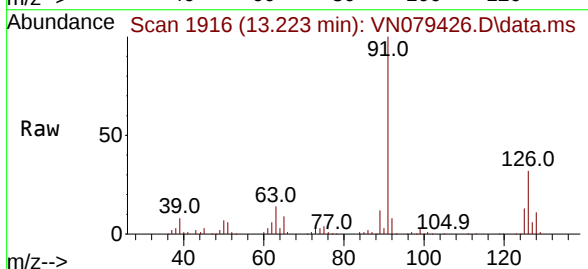
Manual Integrations
APPROVED

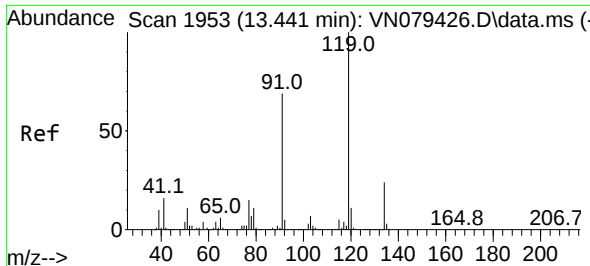
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#82
4-Chlorotoluene
Concen: 47.935 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

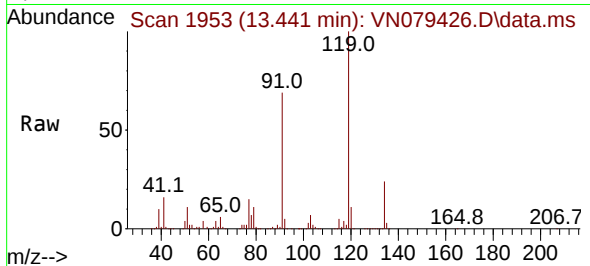
Tgt Ion: 91 Resp: 562697
Ion Ratio Lower Upper
91 100
126 32.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 49.954 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

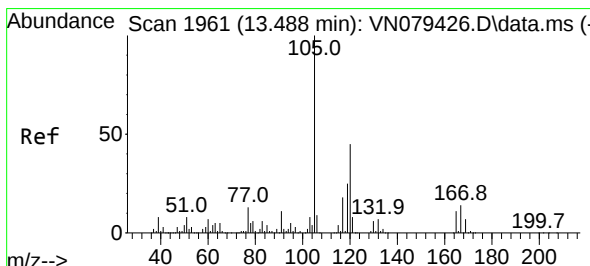
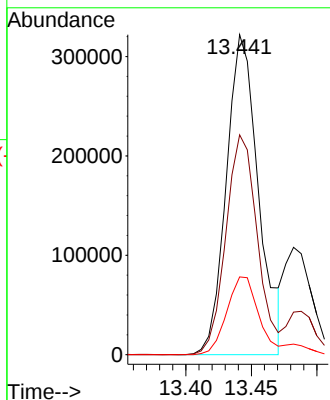
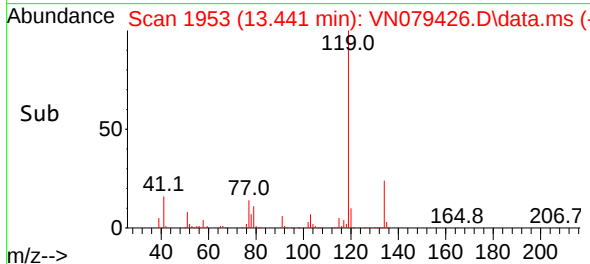
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:119 Resp: 54991
Ion Ratio Lower Upper
119 100
91 67.2 33.9 101.7
134 26.4 13.2 39.6

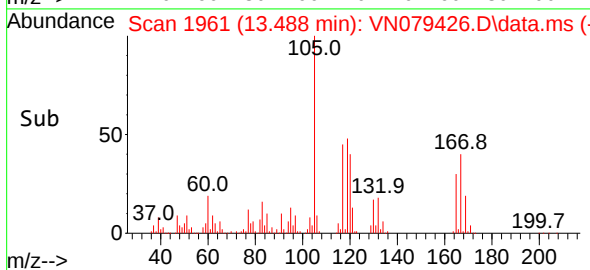
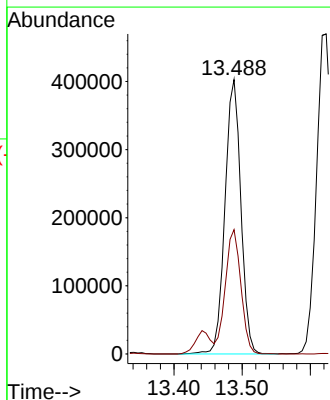
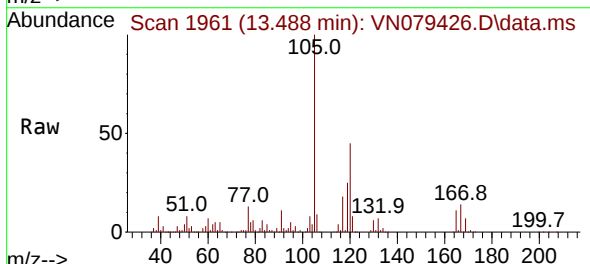
Manual Integrations
APPROVED

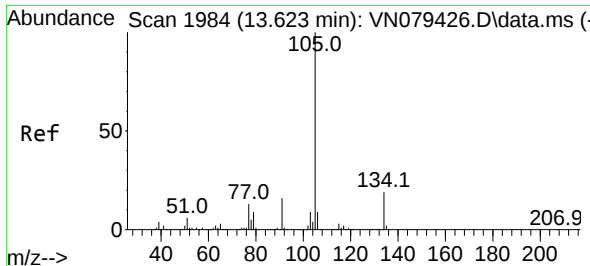
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.985 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

Tgt Ion:105 Resp: 653763
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0





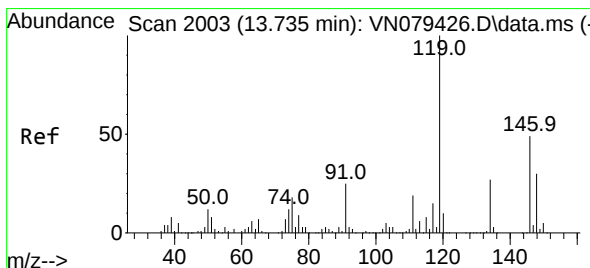
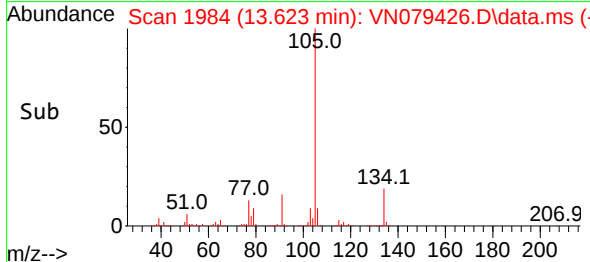
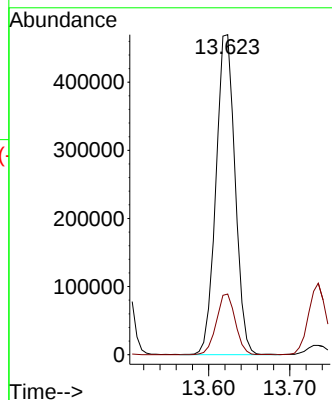
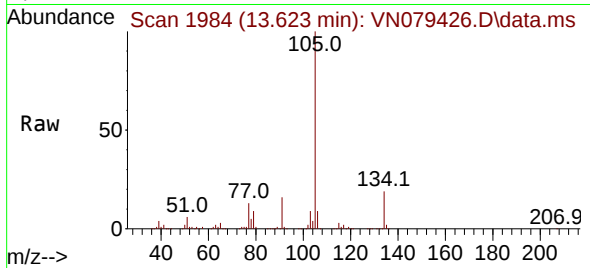
#85
 sec-Butylbenzene
 Concen: 50.131 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079426.D
 Acq: 05 Oct 2023 17:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 769754
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.3

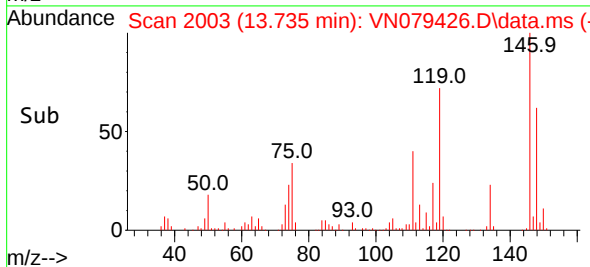
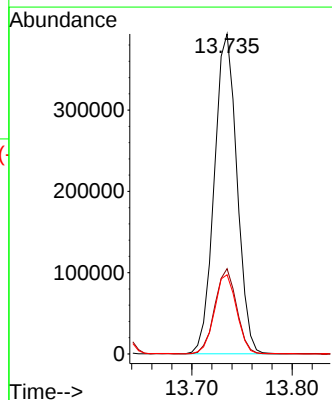
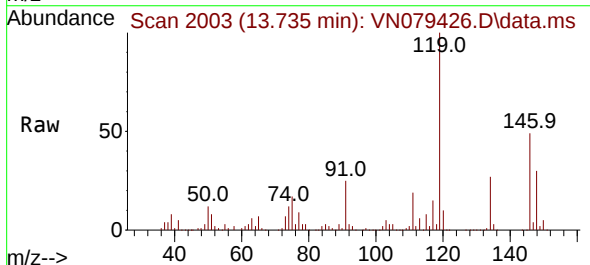
Manual Integrations
 APPROVED

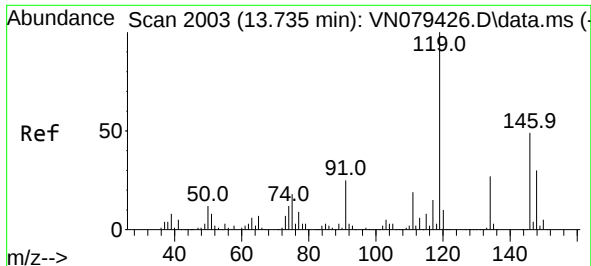
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#86
 p-Isopropyltoluene
 Concen: 52.391 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079426.D
 Acq: 05 Oct 2023 17:50

Tgt Ion:119 Resp: 617139
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.398 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 32734

Ion Ratio Lower Upper

146 100

111 41.5 22.1 66.3

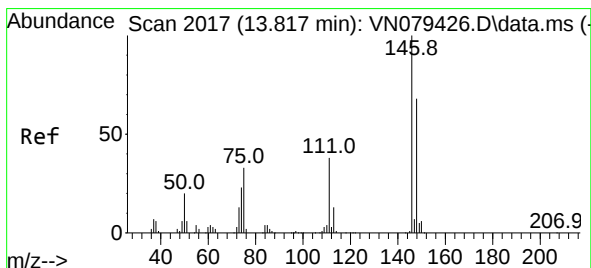
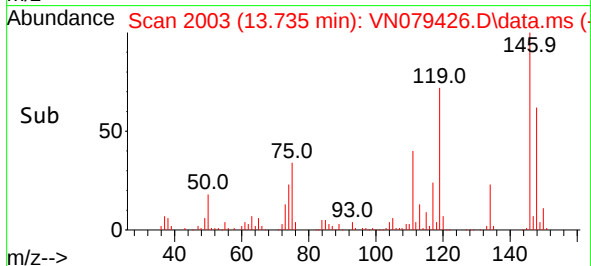
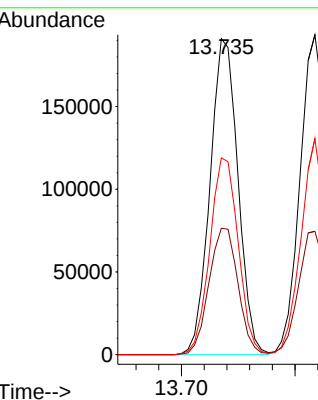
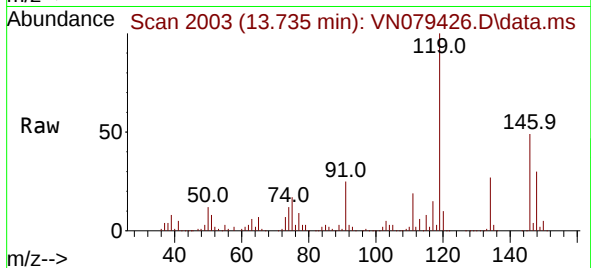
148 63.2 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#88

1,4-Dichlorobenzene

Concen: 47.055 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

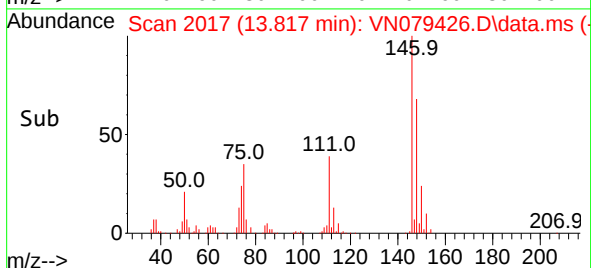
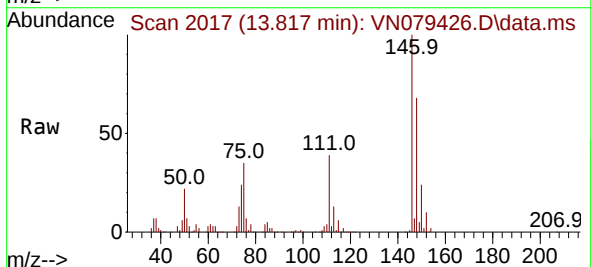
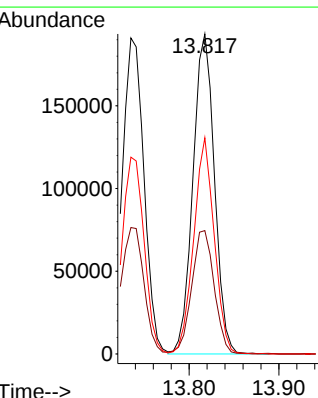
Tgt Ion:146 Resp: 321965

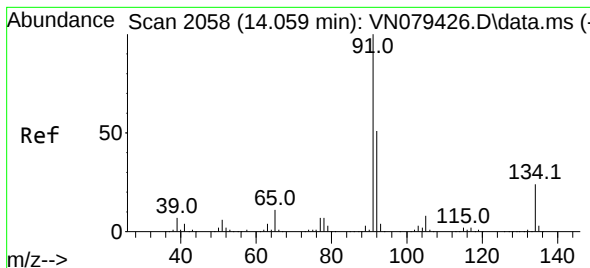
Ion Ratio Lower Upper

146 100

111 40.1 20.6 61.8

148 64.6 31.6 94.8





#89

n-Butylbenzene

Concen: 55.024 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 51758

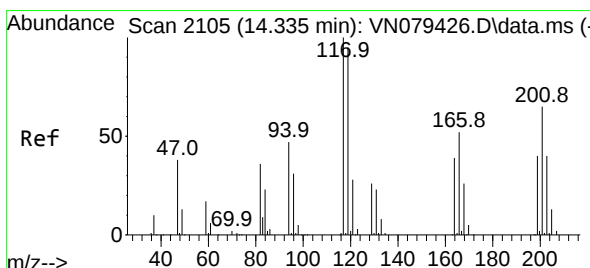
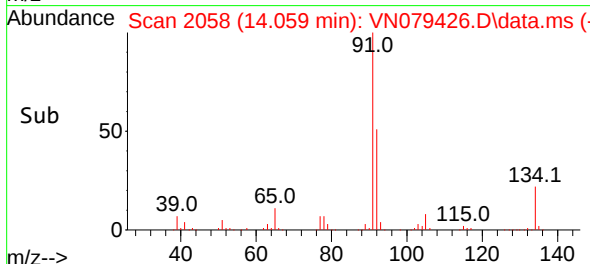
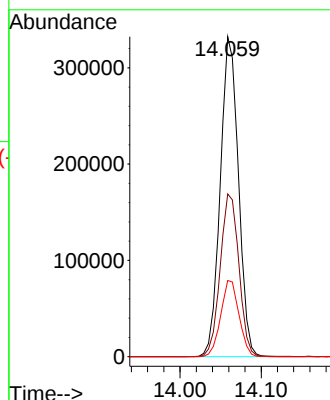
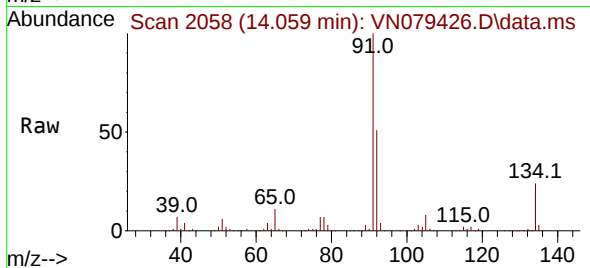
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.4	79.0
134	24.0	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#90

Hexachloroethane

Concen: 50.193 ug/l

RT: 14.335 min Scan# 2105

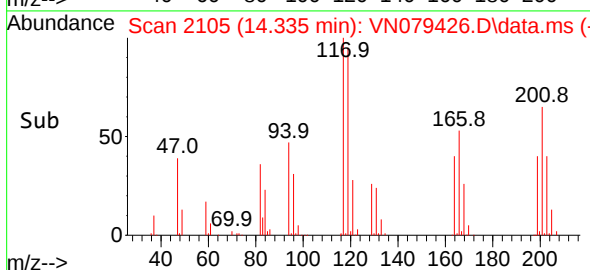
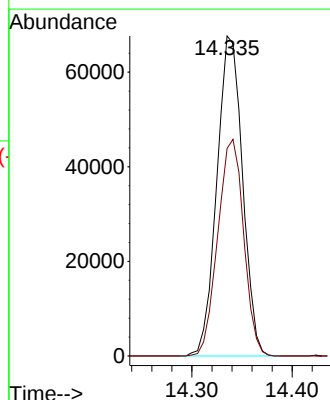
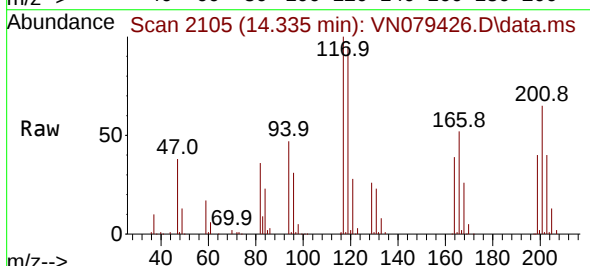
Delta R.T. 0.000 min

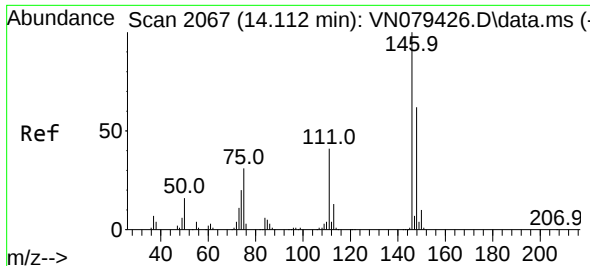
Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Tgt Ion:117 Resp: 120024

Ion	Ratio	Lower	Upper
117	100		
201	68.2	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 49.530 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 320149

Ion Ratio Lower Upper

146 100

111 41.8 22.0 66.0

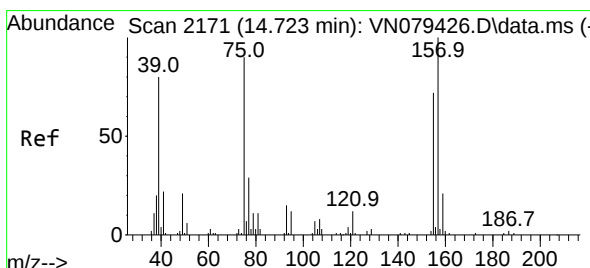
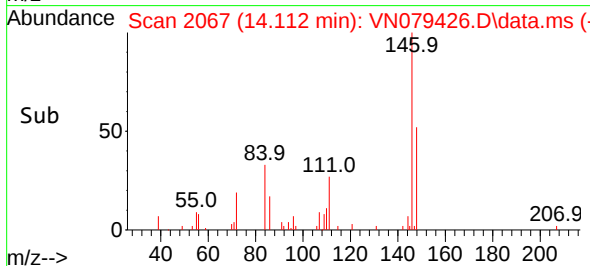
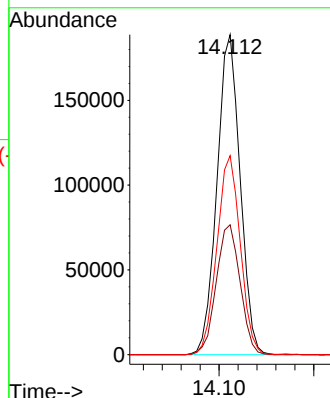
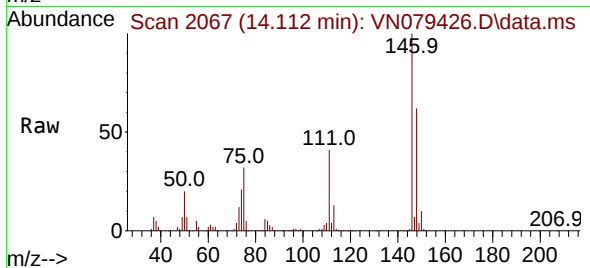
148 62.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.365 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079426.D

Acq: 05 Oct 2023 17:50

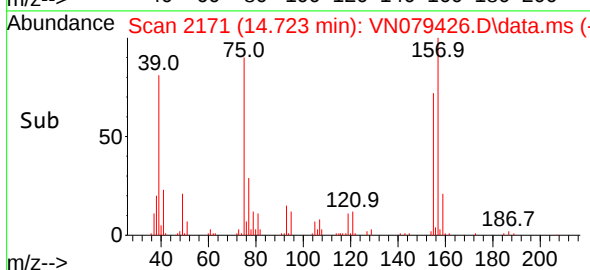
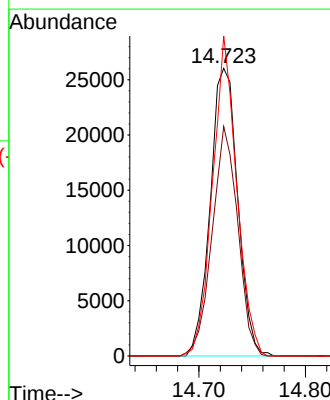
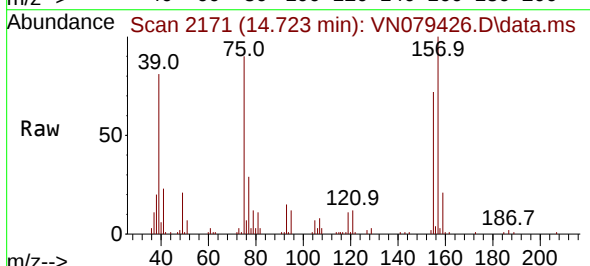
Tgt Ion: 75 Resp: 46668

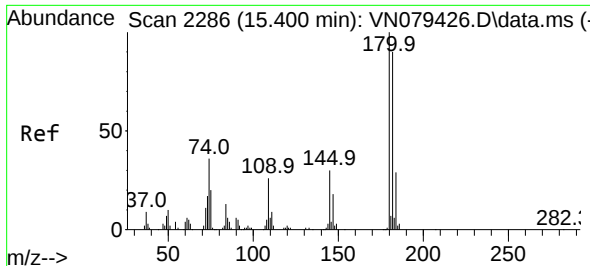
Ion Ratio Lower Upper

75 100

155 74.5 39.1 117.2

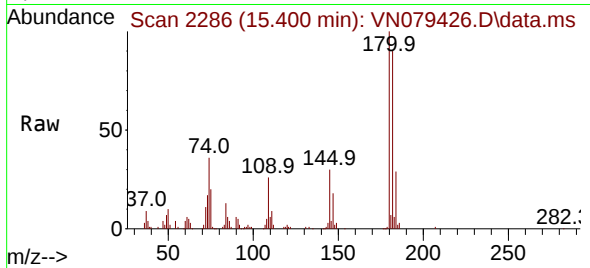
157 98.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 59.711 ug/l
RT: 15.400 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

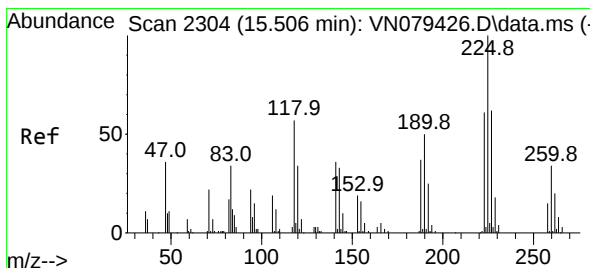
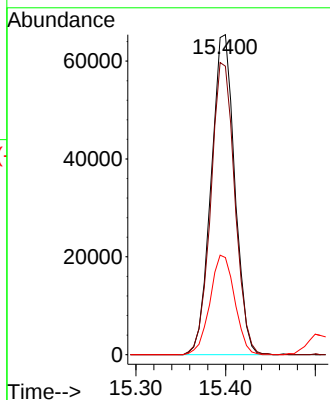
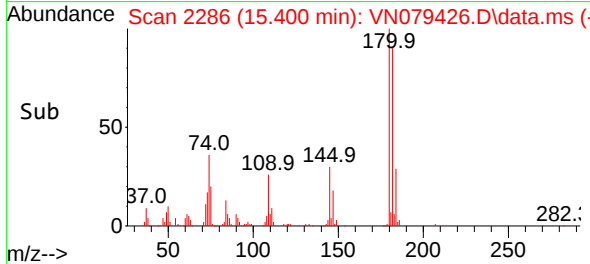
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



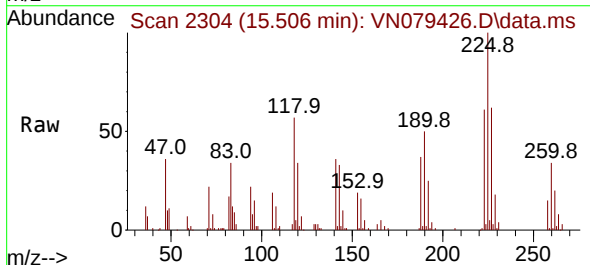
Tgt Ion:180 Resp: 11953
Ion Ratio Lower Upper
180 100
182 92.7 46.1 138.2
145 32.4 16.6 49.8

Manual Integrations
APPROVED

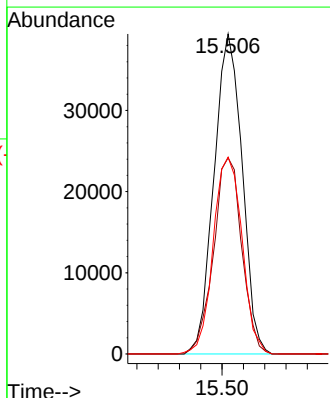
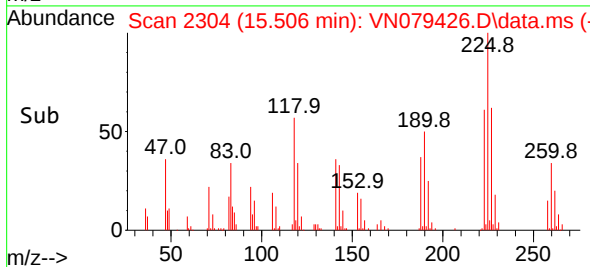
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

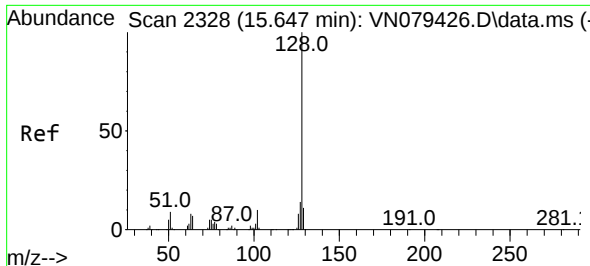


#94
Hexachlorobutadiene
Concen: 46.358 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50



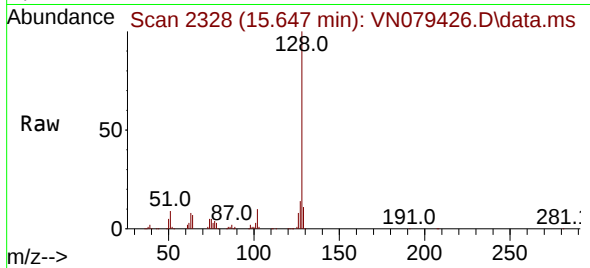
Tgt Ion:225 Resp: 72281
Ion Ratio Lower Upper
225 100
223 61.5 31.3 93.8
227 63.0 31.9 95.9





#95
Naphthalene
Concen: 58.808 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50

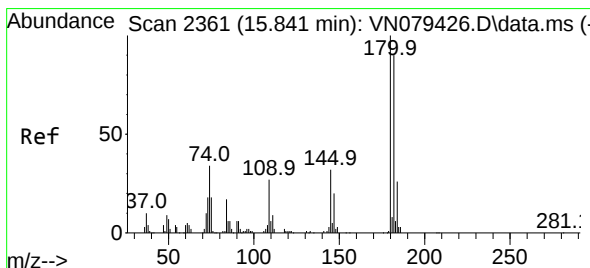
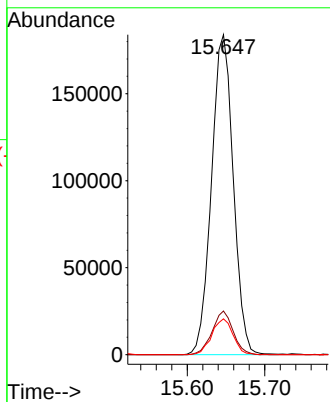
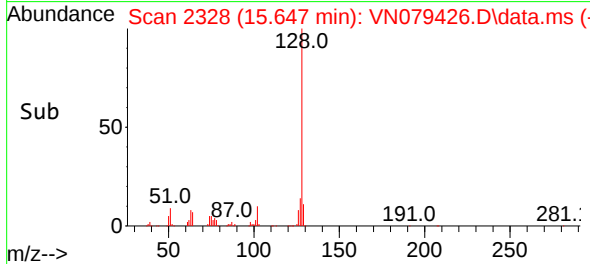
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



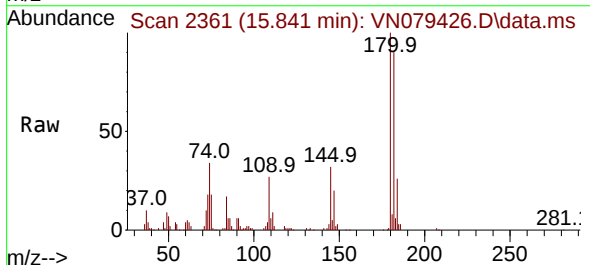
Tgt Ion:128 Resp: 359500
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 53.747 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079426.D
Acq: 05 Oct 2023 17:50



Tgt Ion:180 Resp: 128400
Ion Ratio Lower Upper
180 100
182 93.9 46.2 138.6
145 32.6 17.5 52.6

