

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100523\
 Data File : VN079427.D
 Acq On : 05 Oct 2023 18:14
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Oct 06 03:04:02 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	255261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	456268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	404541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	76059	18.377	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	36.760%#		
35) Dibromofluoromethane	8.171	113	62066	18.929	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.860%#		
50) Toluene-d8	10.571	98	224167	18.895	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	37.780%#		
62) 4-Bromofluorobenzene	12.853	95	70110	18.414	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	36.820%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	76086	20.801	ug/l	99
3) Chloromethane	2.365	50	89424	19.593	ug/l	99
4) Vinyl Chloride	2.512	62	94090	19.820	ug/l	99
5) Bromomethane	2.948	94	56614	20.223	ug/l	99
6) Chloroethane	3.118	64	70517	20.023	ug/l	97
7) Trichlorofluoromethane	3.495	101	110083	19.640	ug/l	98
8) Diethyl Ether	3.965	74	38497	19.266	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.377	101	62390	19.047	ug/l	98
10) Methyl Iodide	4.594	142	54241	19.083	ug/l	95
11) Tert butyl alcohol	5.530	59	58631	94.121	ug/l	99
12) 1,1-Dichloroethene	4.336	96	58958	19.549	ug/l	87
13) Acrolein	4.177	56	60495	97.531	ug/l	96
14) Allyl chloride	5.030	41	102234	21.006	ug/l #	90
15) Acrylonitrile	5.730	53	177584	98.331	ug/l	98
16) Acetone	4.436	43	156320	95.224	ug/l	90
17) Carbon Disulfide	4.718	76	182472	19.396	ug/l	96
18) Methyl Acetate	5.036	43	150004	18.669	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	196741	20.077	ug/l	96
20) Methylene Chloride	5.277	84	71721	19.585	ug/l #	84
21) trans-1,2-Dichloroethene	5.789	96	67133	19.058	ug/l #	83
22) Diisopropyl ether	6.683	45	223490	20.478	ug/l #	89
23) Vinyl Acetate	6.612	43	632371	103.011	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	128415	19.226	ug/l	97
25) 2-Butanone	7.488	43	239523	98.306	ug/l #	79
26) 2,2-Dichloropropane	7.500	77	100443	19.678	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	74201	19.390	ug/l	85
28) Bromochloromethane	7.818	49	62362	19.623	ug/l #	70
29) Tetrahydrofuran	7.847	42	157827	100.157	ug/l #	76
30) Chloroform	7.971	83	128351	19.019	ug/l	96
31) Cyclohexane	8.259	56	111797	19.043	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	109746	19.324	ug/l #	90
36) 1,1-Dichloropropene	8.377	75	99102	20.138	ug/l	94
37) Ethyl Acetate	7.571	43	98224	19.486	ug/l #	91
38) Carbon Tetrachloride	8.365	117	94767	19.236	ug/l	99
39) Methylcyclohexane	9.606	83	92636	19.593	ug/l #	87
40) Benzene	8.612	78	287185	19.650	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	50483	19.610	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	102380	19.279	ug/l	96
43) Isopropyl Acetate	8.694	43	161739	18.853	ug/l #	88
44) Trichloroethene	9.359	130	66475	19.325	ug/l	96
45) 1,2-Dichloropropane	9.629	63	74618	19.378	ug/l	97
46) Dibromomethane	9.712	93	49562	19.873	ug/l	95
47) Bromodichloromethane	9.894	83	98717	19.242	ug/l	98
48) Methyl methacrylate	9.688	41	71764	19.521	ug/l #	82
49) 1,4-Dioxane	9.700	88	29738	439.169	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	489732	101.126	ug/l	88
52) Toluene	10.635	92	171501	19.935	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	102371	19.801	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	111567	19.713	ug/l #	86
55) 1,1,2-Trichloroethane	11.023	97	66341	19.208	ug/l	95
56) Ethyl methacrylate	10.876	69	93724	19.748	ug/l #	75
57) 1,3-Dichloropropane	11.165	76	117918	19.772	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	187024	102.899	ug/l #	88
59) 2-Hexanone	11.200	43	353874	101.263	ug/l	87
60) Dibromochloromethane	11.365	129	68562	19.752	ug/l	100
61) 1,2-Dibromoethane	11.476	107	68075	19.861	ug/l	97
64) Tetrachloroethene	11.106	164	53464	19.211	ug/l	98
65) Chlorobenzene	11.894	112	175192	19.446	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	64774	19.636	ug/l	97
67) Ethyl Benzene	11.965	91	308225	19.684	ug/l	94
68) m/p-Xylenes	12.076	106	232433	40.852	ug/l	94
69) o-Xylene	12.406	106	112225	20.057	ug/l	94
70) Styrene	12.418	104	183317	20.741	ug/l	98
71) Bromoform	12.582	173	46644	19.320	ug/l #	96
73) Isopropylbenzene	12.700	105	285411	19.185	ug/l	99
74) N-amyl acetate	12.500	43	118701	19.462	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	101253	20.366	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	88716m	18.721	ug/l	
77) Bromobenzene	12.982	156	65856	18.053	ug/l	91
78) n-propylbenzene	13.041	91	333171	19.794	ug/l	97
79) 2-Chlorotoluene	13.129	91	207638	19.278	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	237665	20.259	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	28488	17.928	ug/l #	84
82) 4-Chlorotoluene	13.223	91	199744	19.489	ug/l	99
83) tert-Butylbenzene	13.441	119	187615	19.520	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	233260	20.835	ug/l	99
85) sec-Butylbenzene	13.617	105	268635	20.038	ug/l	99
86) p-Isopropyltoluene	13.735	119	211933	20.606	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	111723	19.310	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	111145	18.604	ug/l	100
89) n-Butylbenzene	14.059	91	167468	20.391	ug/l	96
90) Hexachloroethane	14.335	117	43733	20.325	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	113741	20.154	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16365	19.023	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	36696	20.994	ug/l	98
94) Hexachlorobutadiene	15.506	225	26346	19.353	ug/l	97
95) Naphthalene	15.647	128	103396	19.372	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	41728	20.005	ug/l	98

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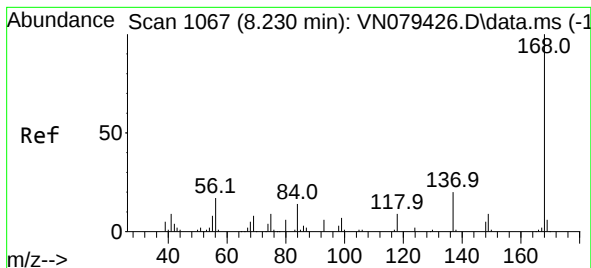
Manual Integrations
APPROVED

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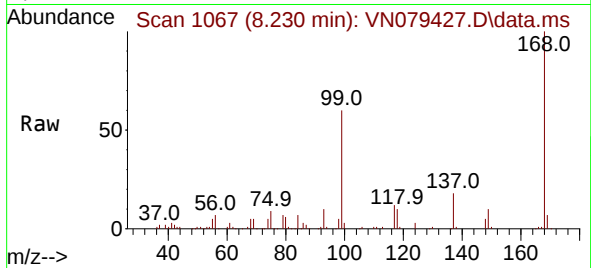
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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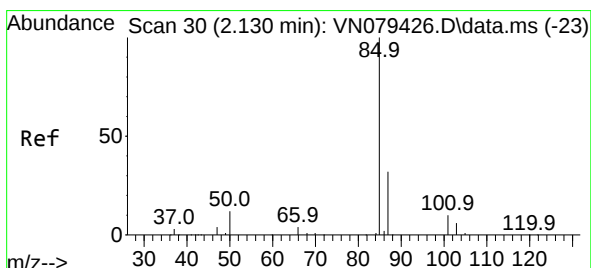
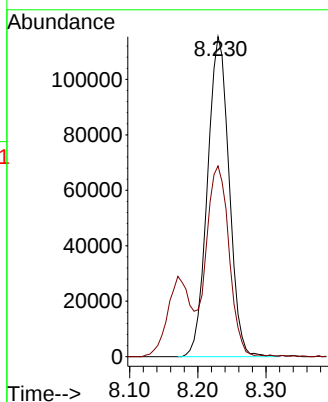
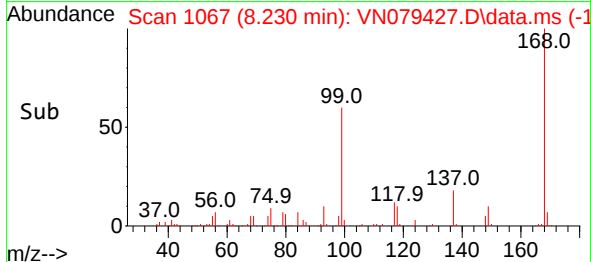
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Tgt Ion:168 Resp: 25526
Ion Ratio Lower Upper
168 100
99 59.5 53.0 79.6

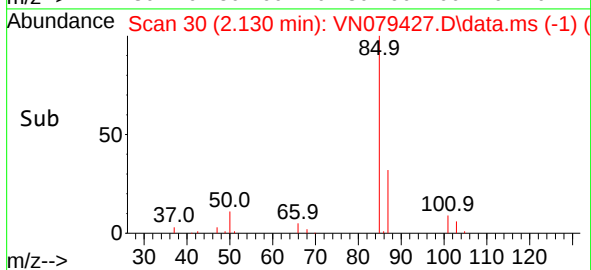
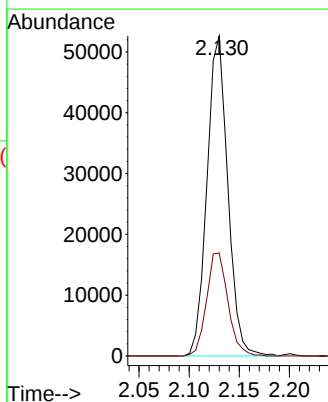
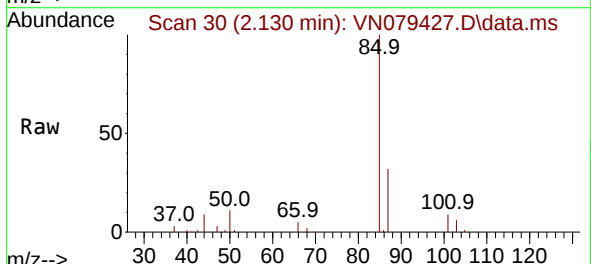
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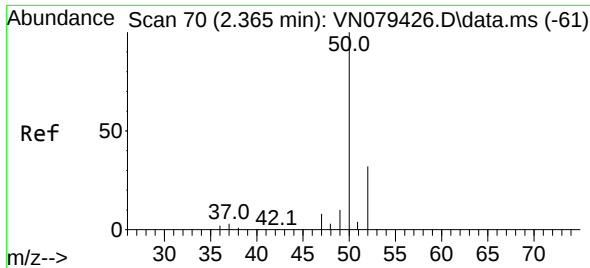
Reviewed By :John Carlone 10/06/2023
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#2
Dichlorodifluoromethane
Concen: 20.801 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Tgt Ion: 85 Resp: 76086
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





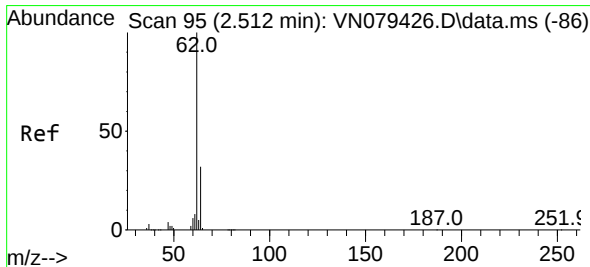
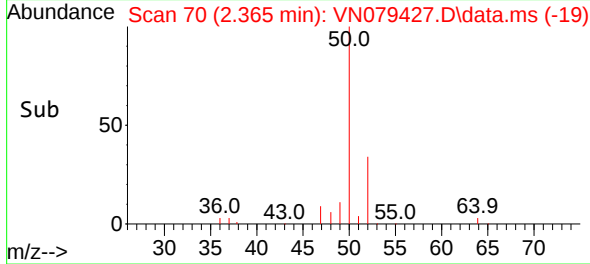
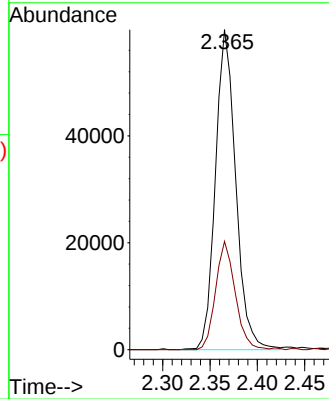
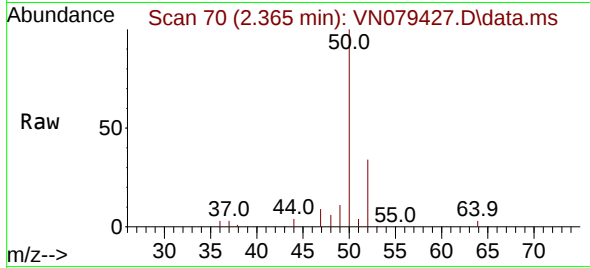
#3
Chloromethane
Concen: 19.593 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079427.D
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Instrument :
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Tgt Ion: 50 Resp: 89424
Ion Ratio Lower Upper
50 100
52 33.9 26.5 39.7

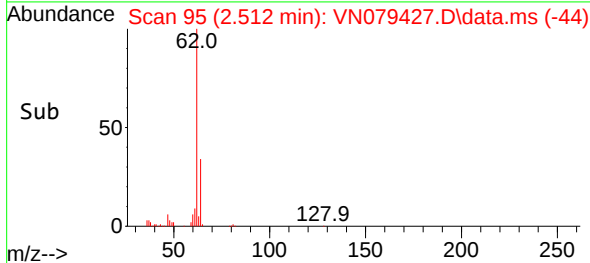
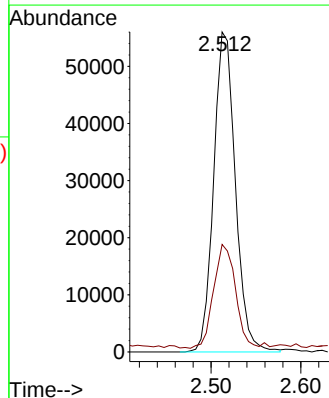
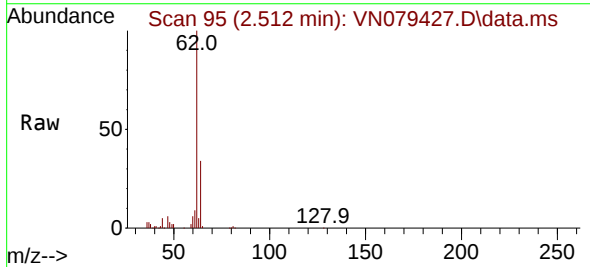
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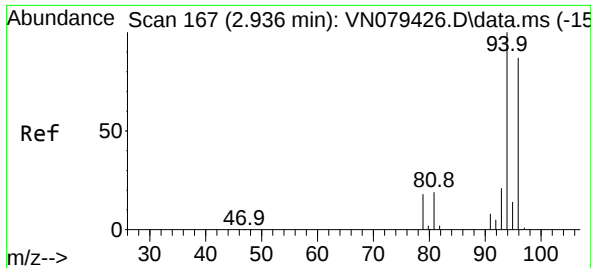
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#4
Vinyl Chloride
Concen: 19.820 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN079427.D
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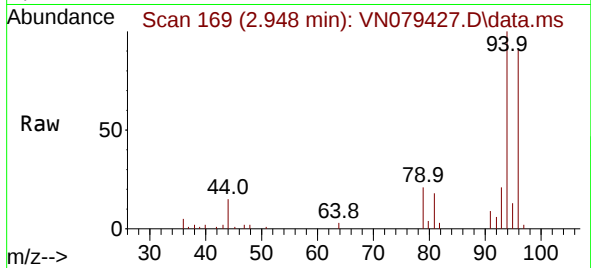
Tgt Ion: 62 Resp: 94090
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.2





#5
Bromomethane
Concen: 20.223 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

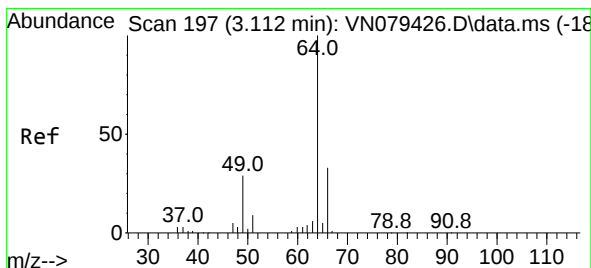
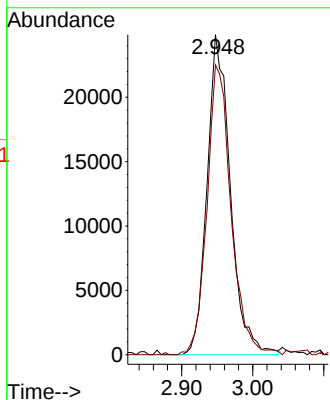
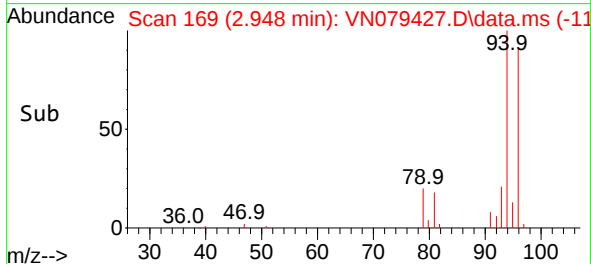
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Tgt Ion: 94 Resp: 56614
Ion Ratio Lower Upper
94 100
96 90.6 73.1 109.7

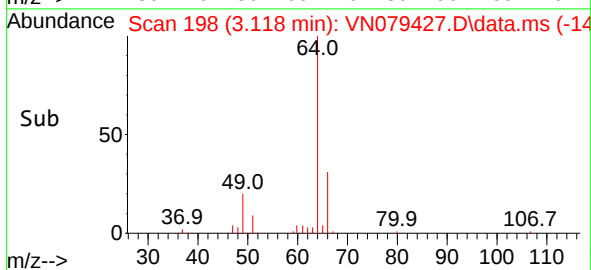
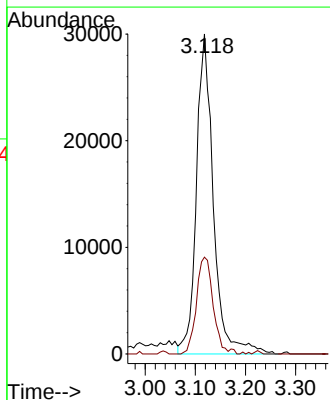
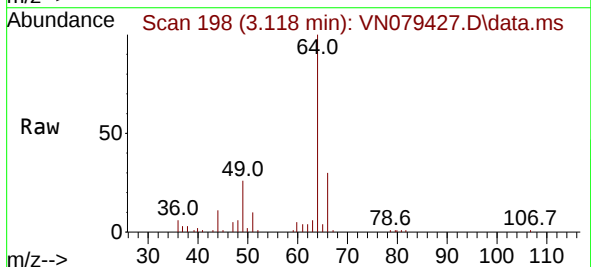
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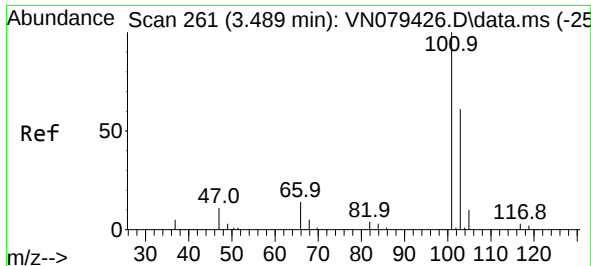
Reviewed By :John Carlone 10/06/2023
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#6
Chloroethane
Concen: 20.023 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
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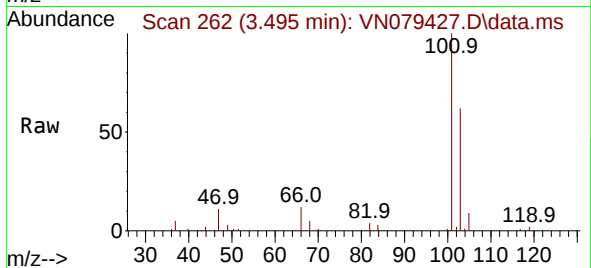
Tgt Ion: 64 Resp: 70517
Ion Ratio Lower Upper
64 100
66 30.2 25.4 38.2





#7
Trichlorofluoromethane
Concen: 19.640 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN079427.D
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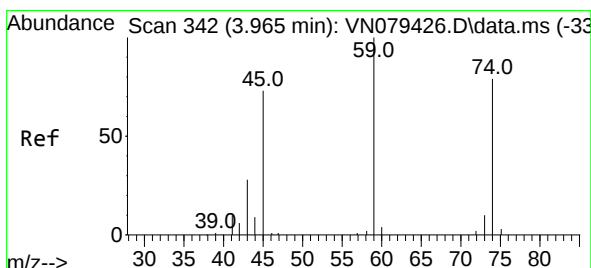
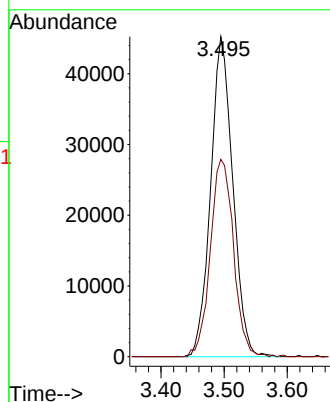
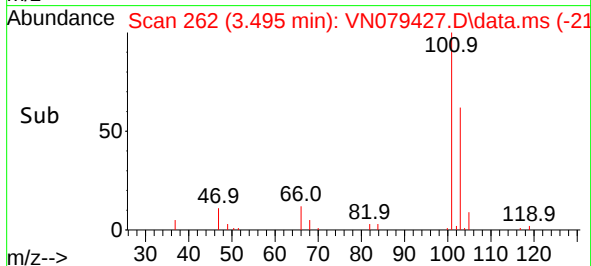
Instrument :
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ClientSampleId :
VSTDIC020



Tgt Ion:101 Resp: 11008
Ion Ratio Lower Upper
101 100
103 61.7 50.7 76.1

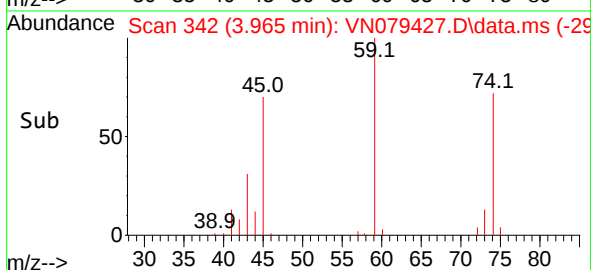
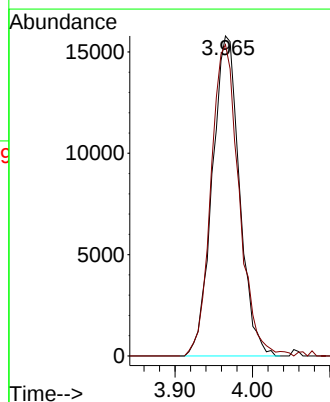
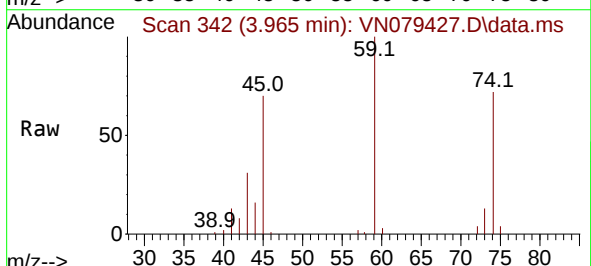
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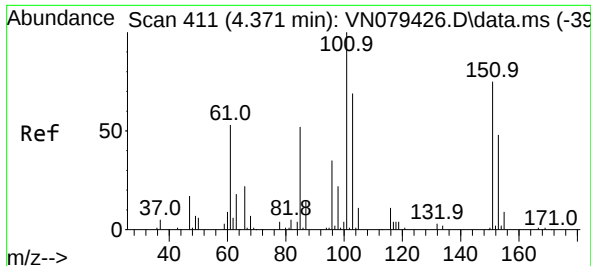
Reviewed By :John Carlone 10/06/2023
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#8
Diethyl Ether
Concen: 19.266 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Tgt Ion: 74 Resp: 38497
Ion Ratio Lower Upper
74 100
45 100.6 34.4 103.3





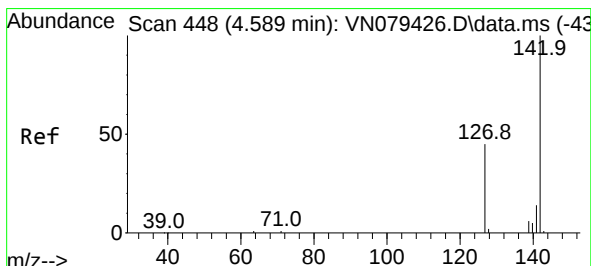
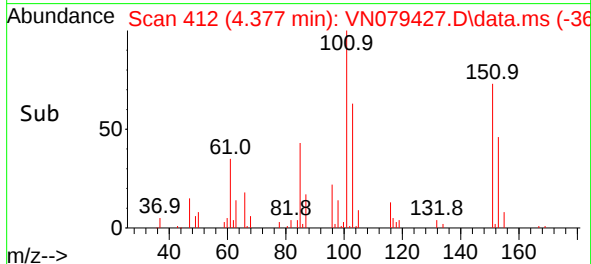
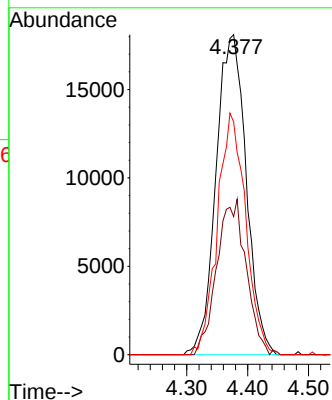
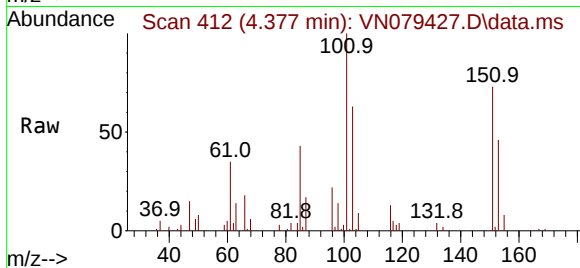
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.047 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 62390
Ion Ratio Lower Upper
101 100
85 47.2 36.6 55.0
151 70.7 57.6 86.4

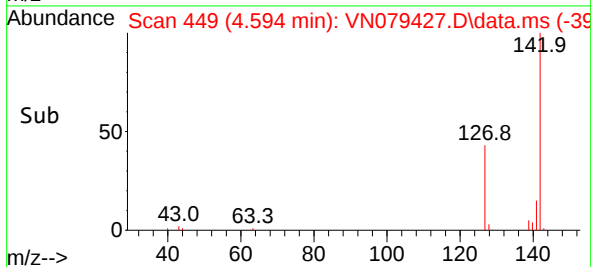
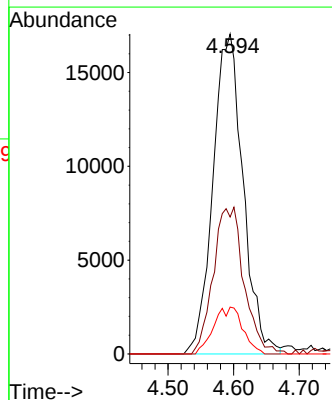
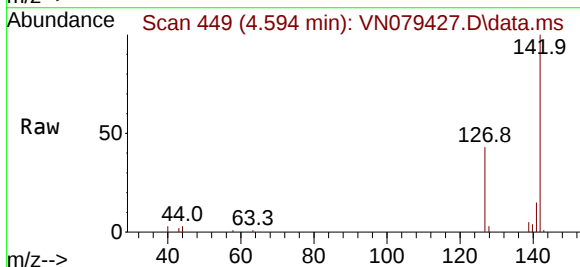
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 19.083 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Tgt Ion:142 Resp: 54241
Ion Ratio Lower Upper
142 100
127 42.8 37.6 56.4
141 14.6 11.4 17.0





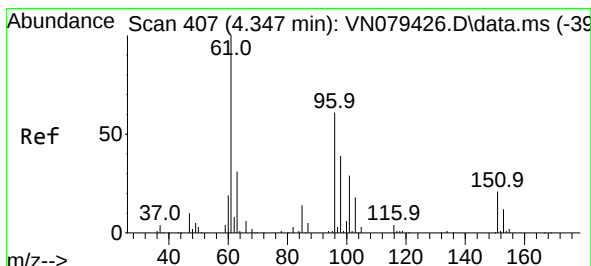
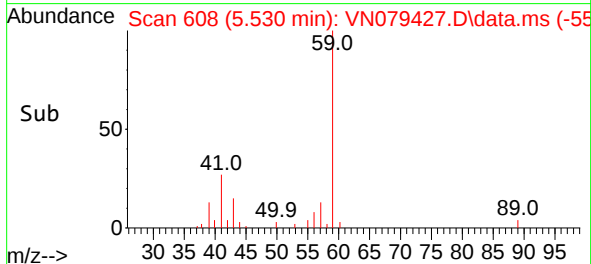
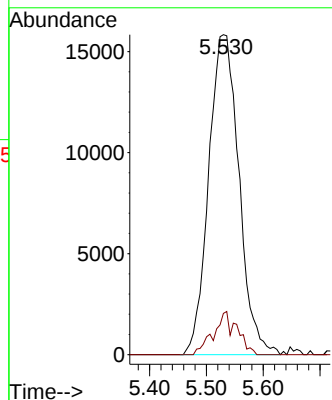
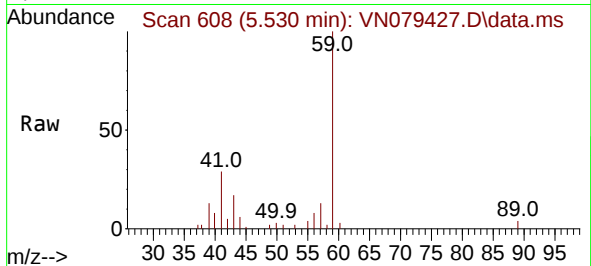
#11
Tert butyl alcohol
Concen: 94.121 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 5863
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

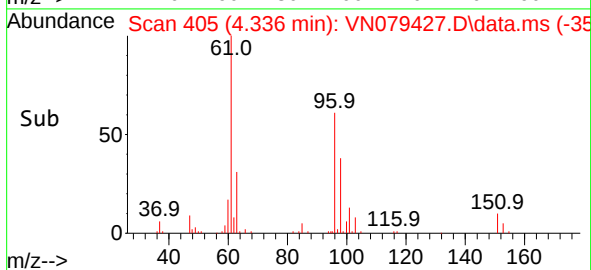
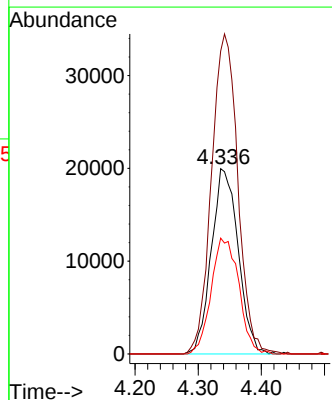
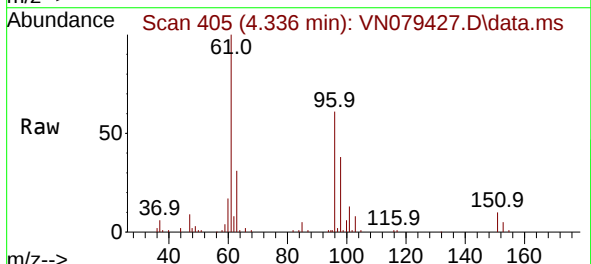
Manual Integrations
APPROVED

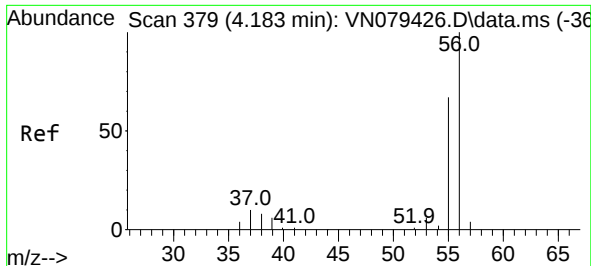
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#12
1,1-Dichloroethene
Concen: 19.549 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

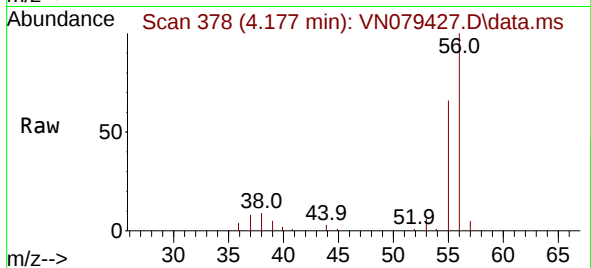
Tgt Ion: 96 Resp: 58958
Ion Ratio Lower Upper
96 100
61 163.4 112.7 169.1
98 62.5 51.2 76.8





#13
Acrolein
Concen: 97.531 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

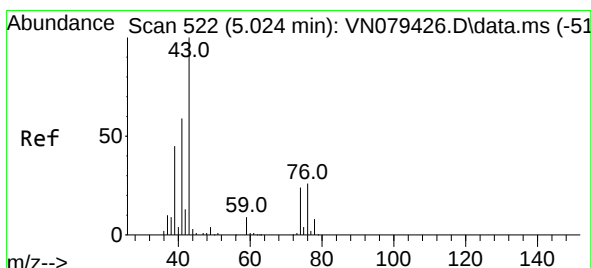
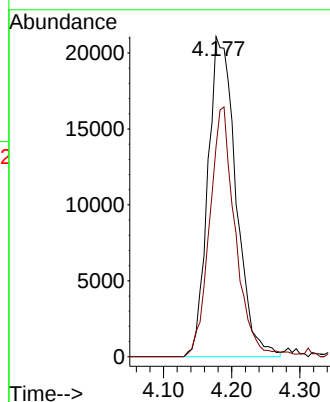
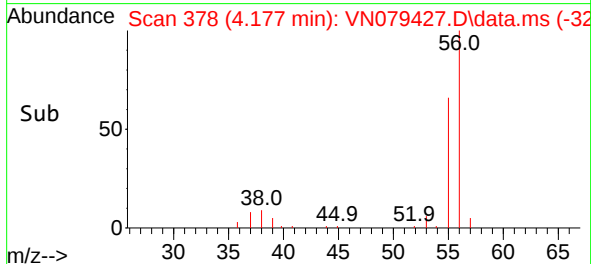
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



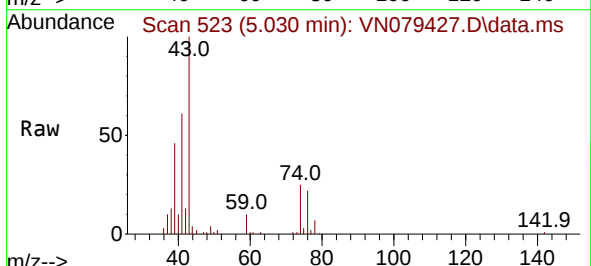
Tgt Ion: 56 Resp: 6049
Ion Ratio Lower Upper
56 100
55 71.7 54.5 81.7

Manual Integrations
APPROVED

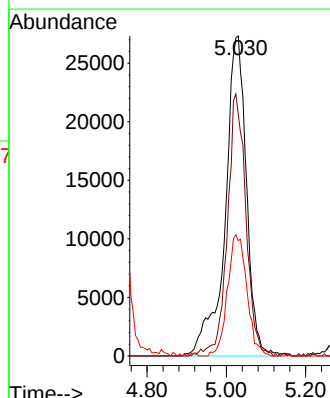
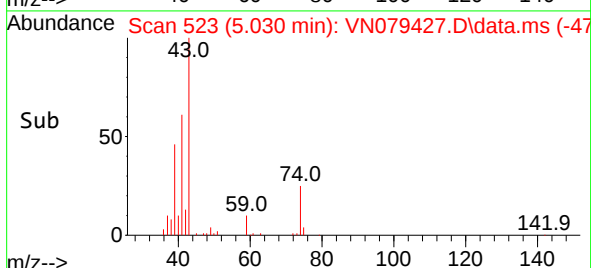
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

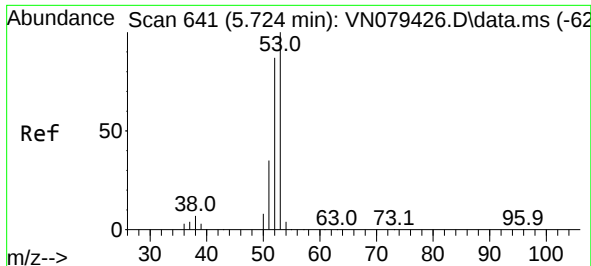


#14
Allyl chloride
Concen: 21.006 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14



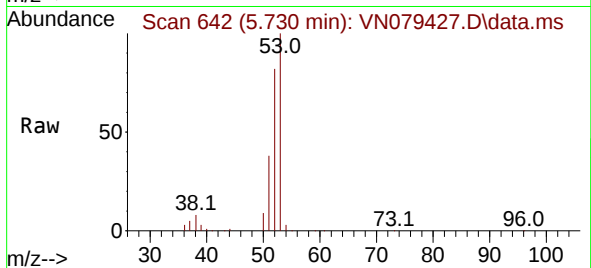
Tgt Ion: 41 Resp: 102234
Ion Ratio Lower Upper
41 100
39 71.1 58.8 88.2
76 34.3 39.1 58.7#





#15
Acrylonitrile
Concen: 98.331 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

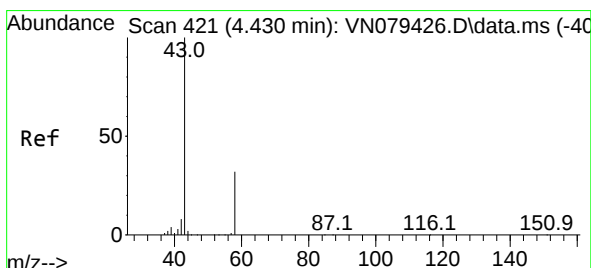
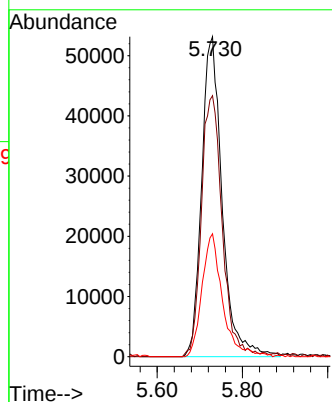
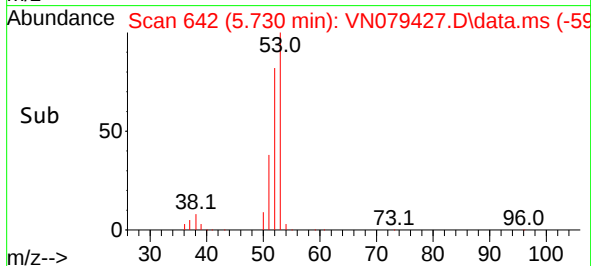
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 177584
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 38.4 28.9 43.3

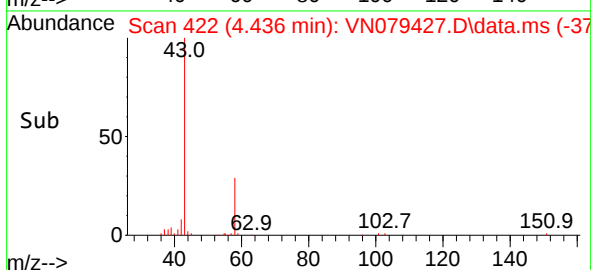
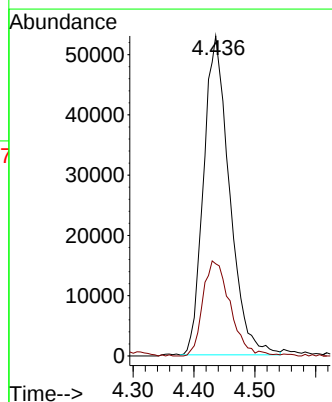
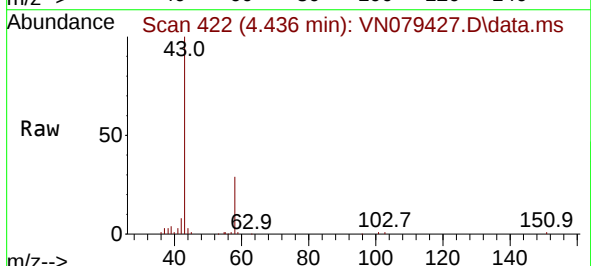
Manual Integrations
APPROVED

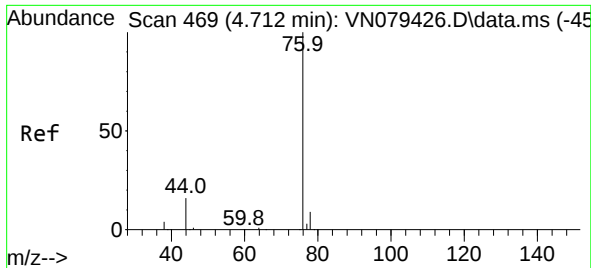
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#16
Acetone
Concen: 95.224 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Tgt Ion: 43 Resp: 156320
Ion Ratio Lower Upper
43 100
58 28.9 28.0 42.0





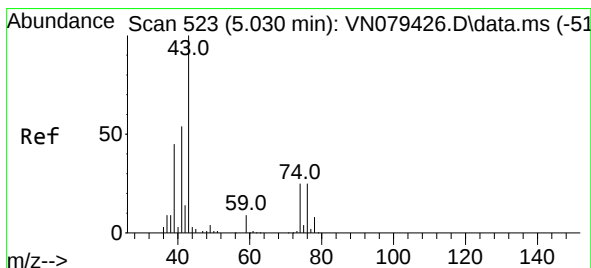
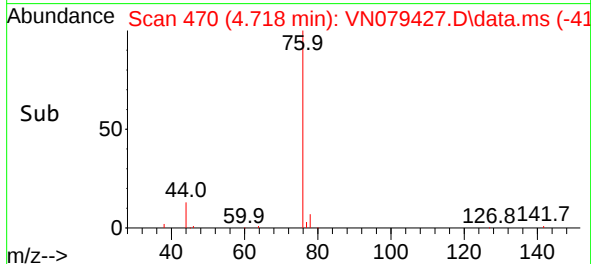
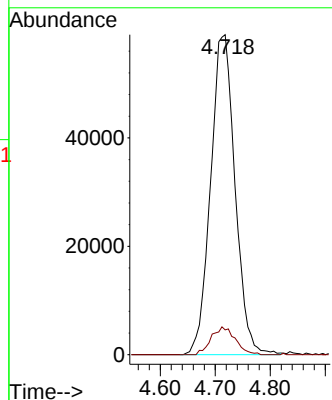
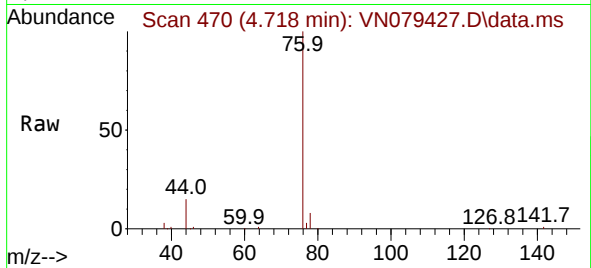
#17
Carbon Disulfide
Concen: 19.396 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 182472
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0

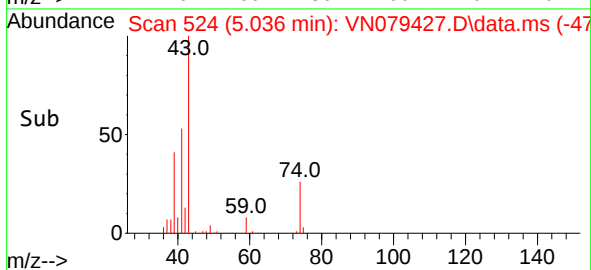
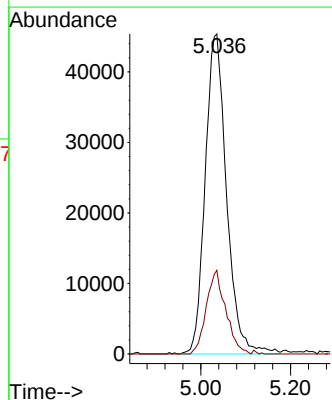
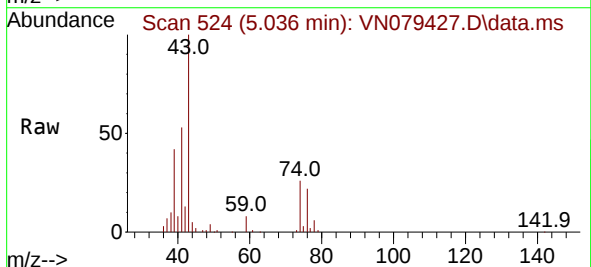
Manual Integrations
APPROVED

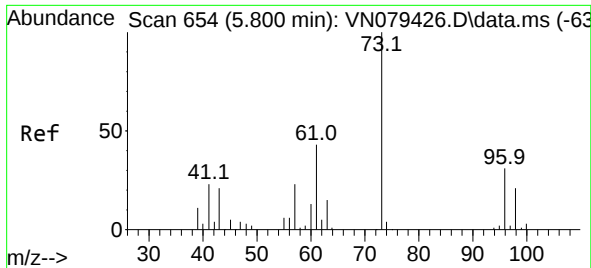
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#18
Methyl Acetate
Concen: 18.669 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Tgt Ion: 43 Resp: 150004
Ion Ratio Lower Upper
43 100
74 23.8 26.2 39.4#





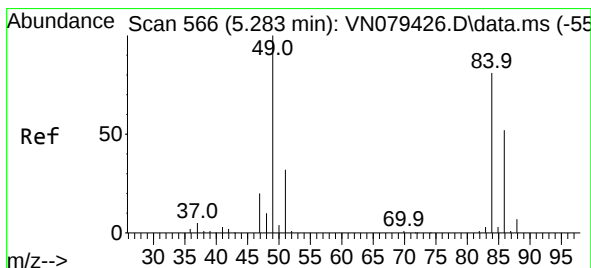
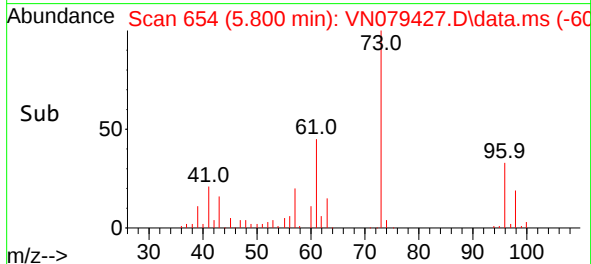
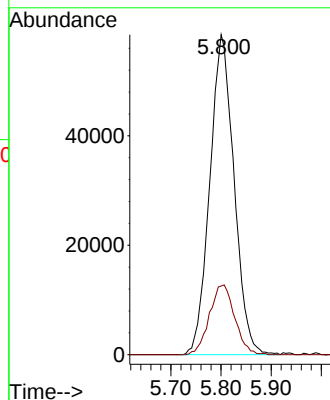
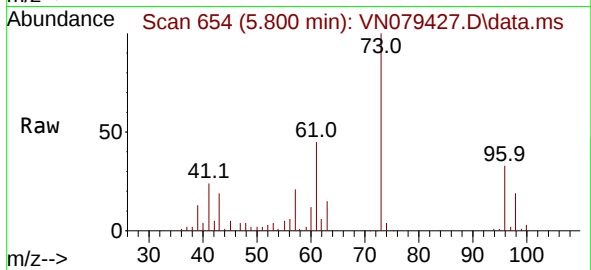
#19
Methyl tert-butyl Ether
Concen: 20.077 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 19674
Ion Ratio Lower Upper
73 100
57 21.5 15.6 23.4

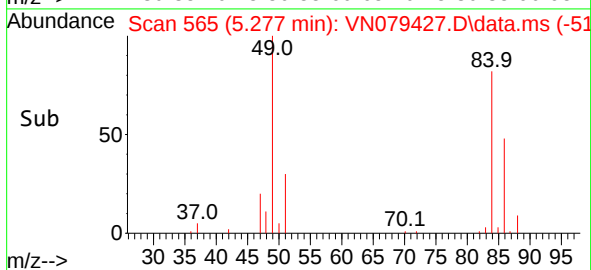
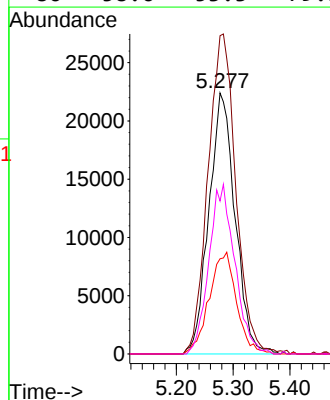
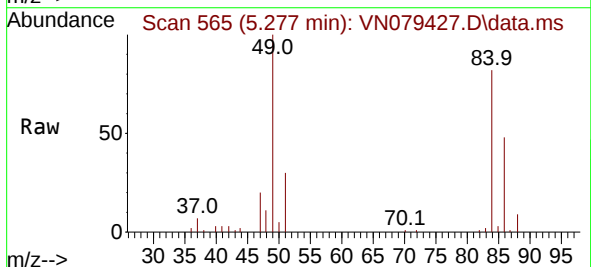
Manual Integrations
APPROVED

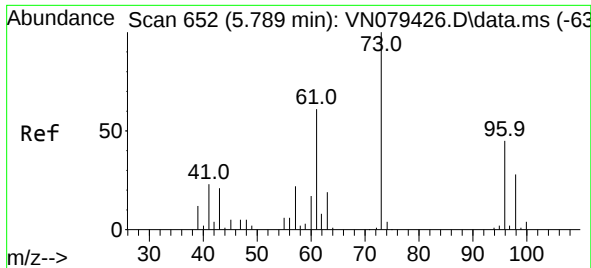
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#20
Methylene Chloride
Concen: 19.585 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Tgt Ion: 84 Resp: 71721
Ion Ratio Lower Upper
84 100
49 122.0 79.7 119.5#
51 36.5 25.2 37.8
86 58.6 53.3 79.9





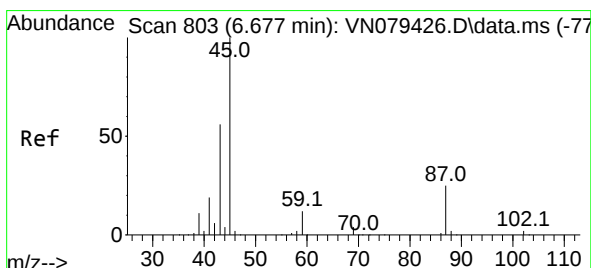
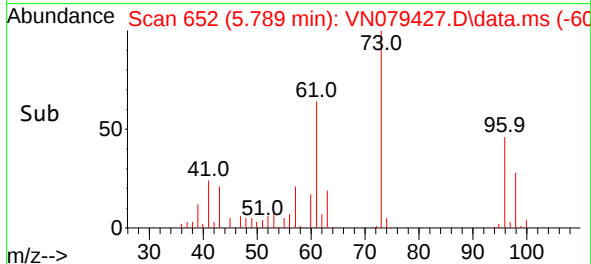
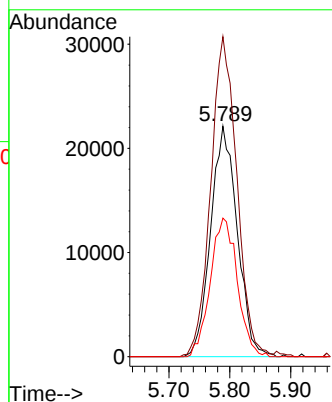
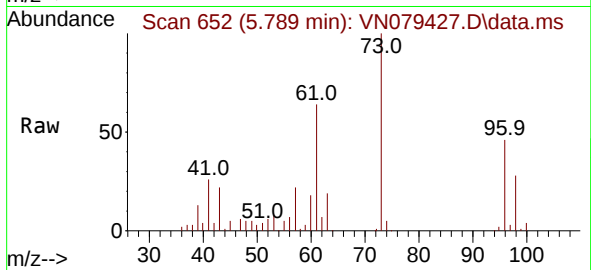
#21
trans-1,2-Dichloroethene
Concen: 19.058 ug/l
RT: 5.789 min Scan# 613
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 67133
Ion Ratio Lower Upper
96 100
61 138.9 90.1 135.1#
98 60.2 46.4 69.6

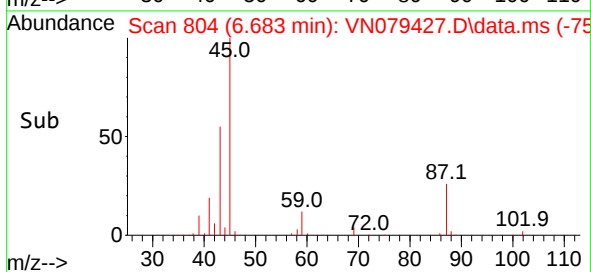
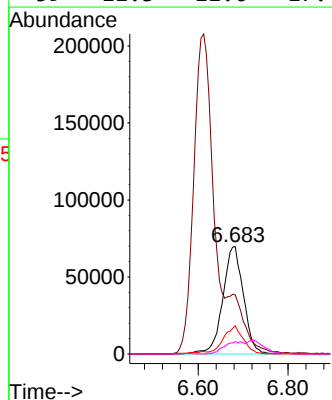
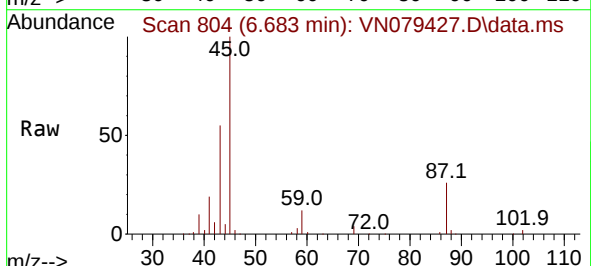
Manual Integrations
APPROVED

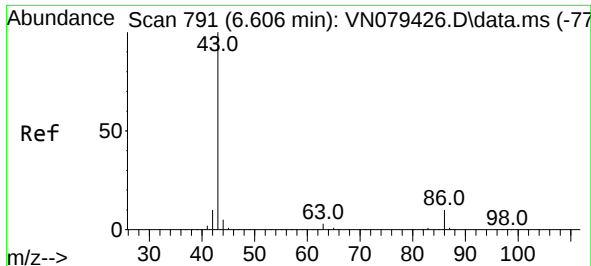
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#22
Diisopropyl ether
Concen: 20.478 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Tgt Ion: 45 Resp: 223490
Ion Ratio Lower Upper
45 100
43 53.7 45.5 68.3
87 26.3 31.8 47.8#
59 11.3 11.6 17.4#





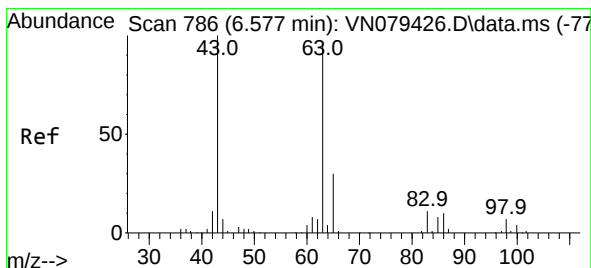
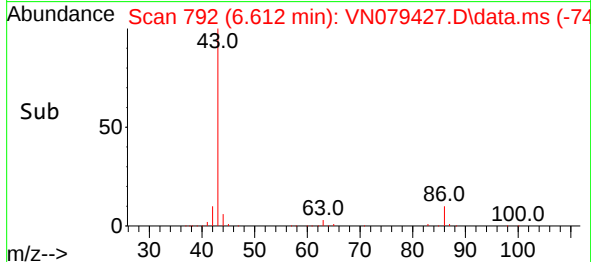
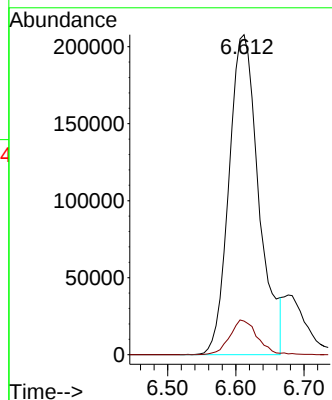
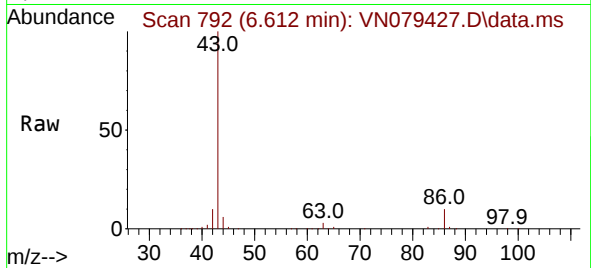
#23
 Vinyl Acetate
 Concen: 103.011 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079427.D
 Acq: 05 Oct 2023 18:14

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC020

Tgt Ion: 43 Resp: 63237
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6

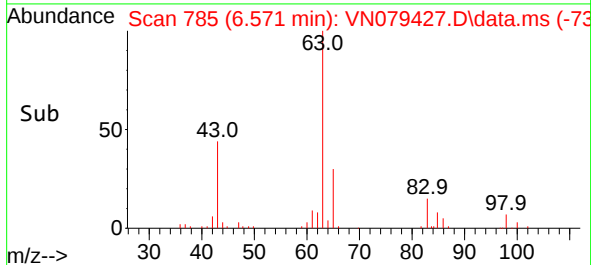
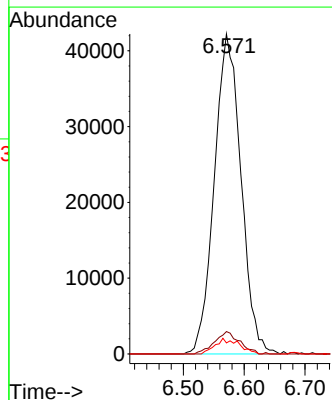
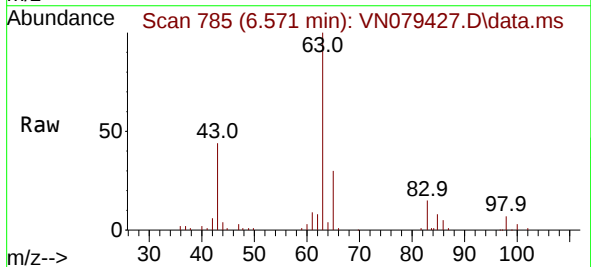
Manual Integrations
 APPROVED

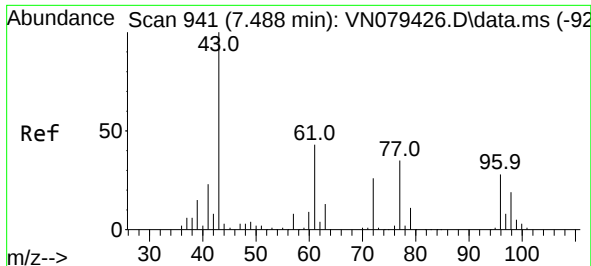
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#24
 1,1-Dichloroethane
 Concen: 19.226 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079427.D
 Acq: 05 Oct 2023 18:14

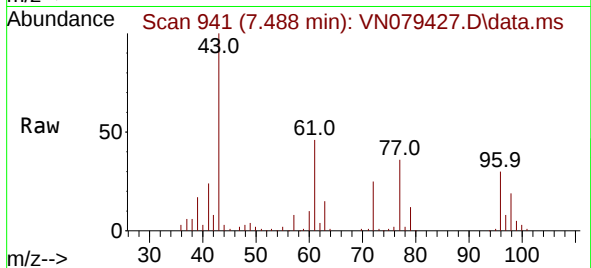
Tgt Ion: 63 Resp: 128415
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 3.5 2.5 7.4





#25
2-Butanone
Concen: 98.306 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

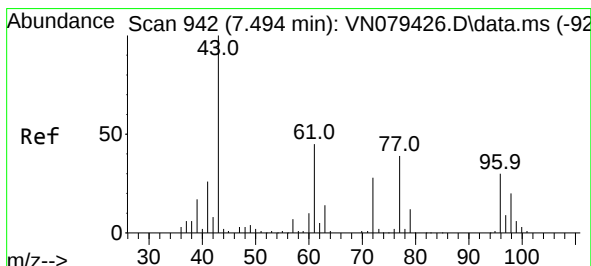
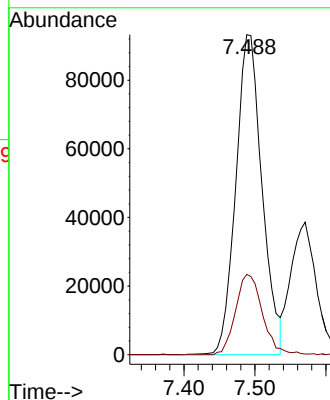
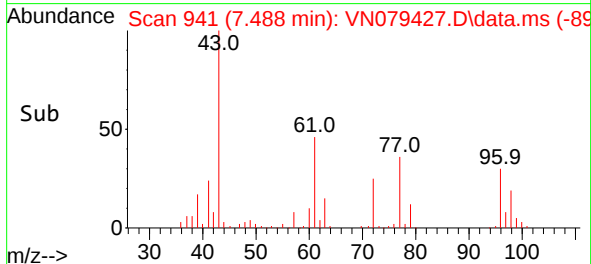
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



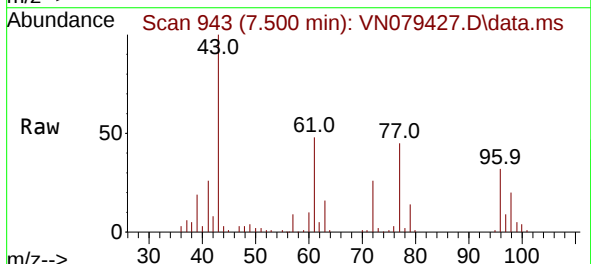
Tgt Ion: 43 Resp: 239523
Ion Ratio Lower Upper
43 100
72 25.1 30.2 45.2

Manual Integrations
APPROVED

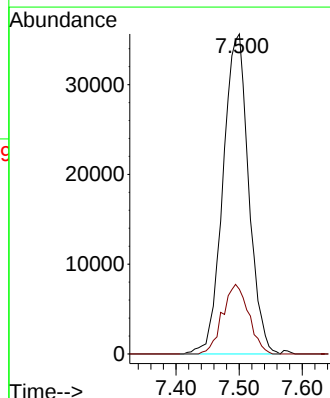
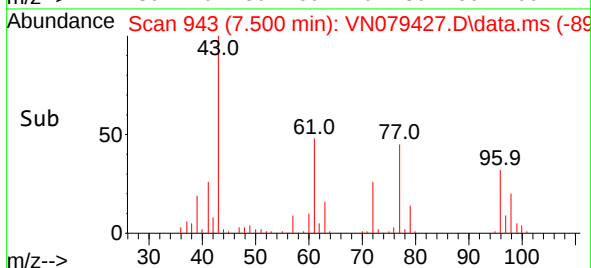
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

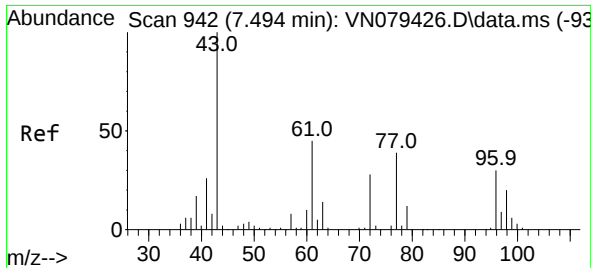


#26
2,2-Dichloropropane
Concen: 19.678 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14



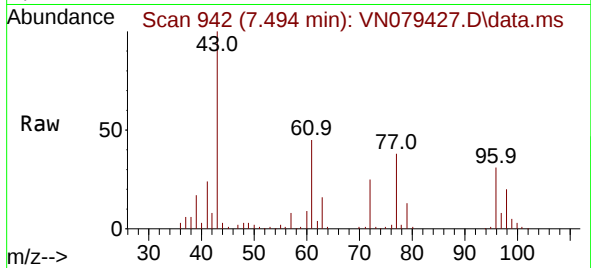
Tgt Ion: 77 Resp: 100443
Ion Ratio Lower Upper
77 100
97 22.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.390 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN079427.D
 Acq: 05 Oct 2023 18:14

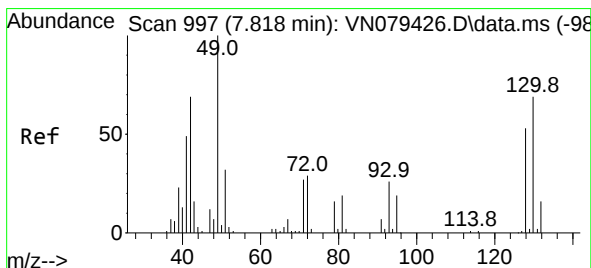
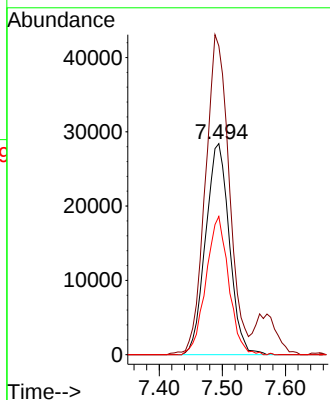
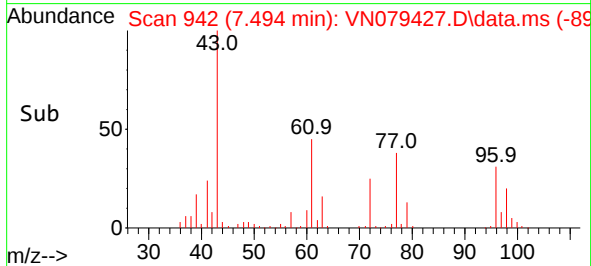
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC020



Tgt Ion: 96 Resp: 7420
 Ion Ratio Lower Upper
 96 100
 61 152.0 0.0 255.2
 98 62.9 0.0 128.8

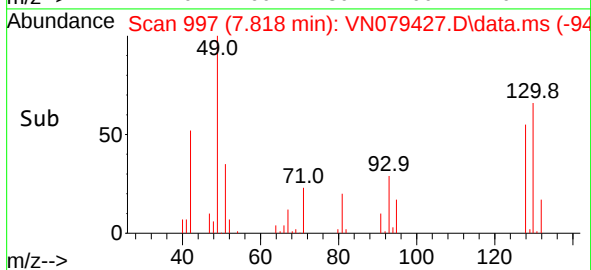
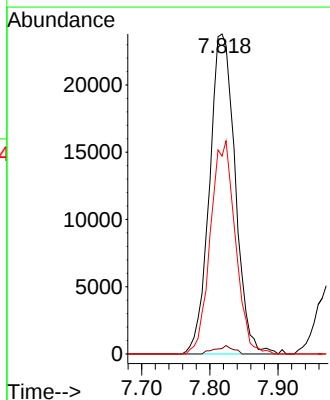
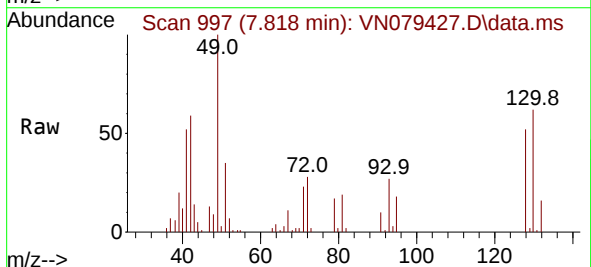
Manual Integrations
 APPROVED

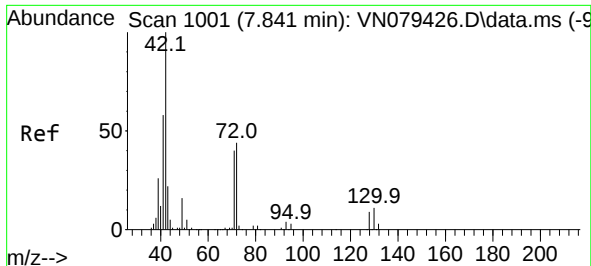
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#28
 Bromochloromethane
 Concen: 19.623 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079427.D
 Acq: 05 Oct 2023 18:14

Tgt Ion: 49 Resp: 62362
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 64.7 75.3 112.9#





#29

Tetrahydrofuran

Concen: 100.157 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079427.D

Acq: 05 Oct 2023 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 15782

Ion Ratio Lower Upper

42 100

72 44.0 49.8 74.6

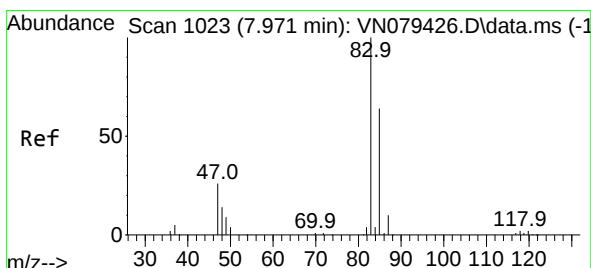
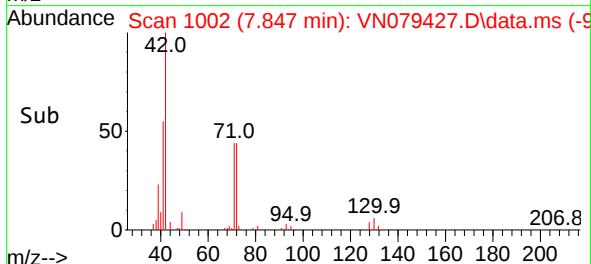
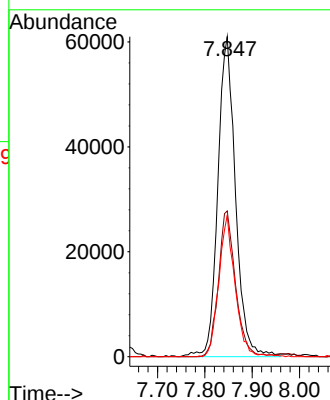
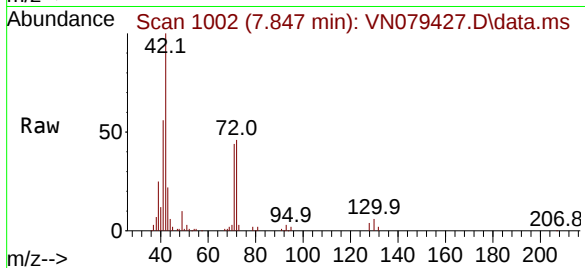
71 40.8 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#30

Chloroform

Concen: 19.019 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079427.D

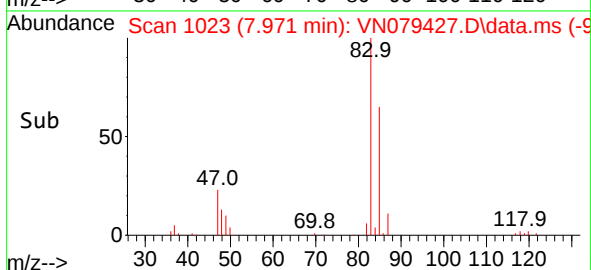
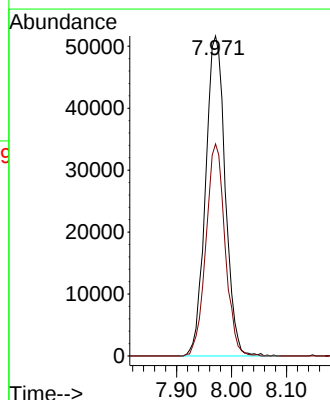
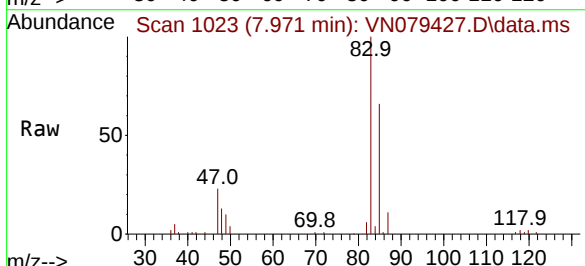
Acq: 05 Oct 2023 18:14

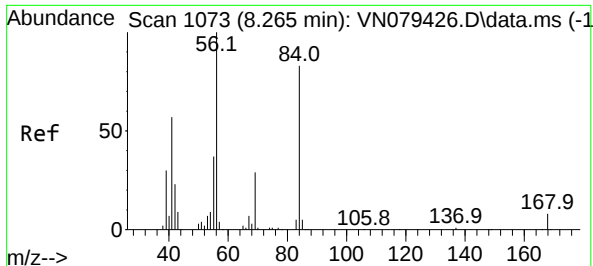
Tgt Ion: 83 Resp: 128351

Ion Ratio Lower Upper

83 100

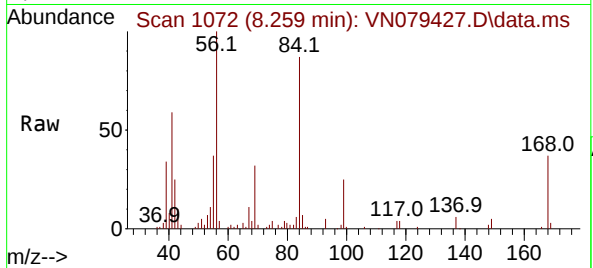
85 66.3 55.4 83.0





#31
Cyclohexane
Concen: 19.043 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

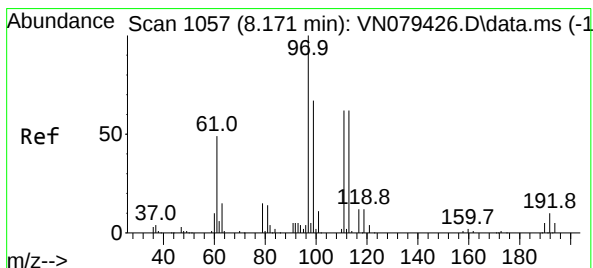
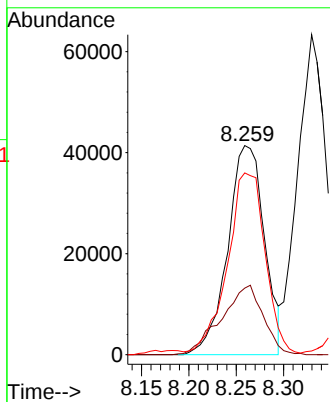
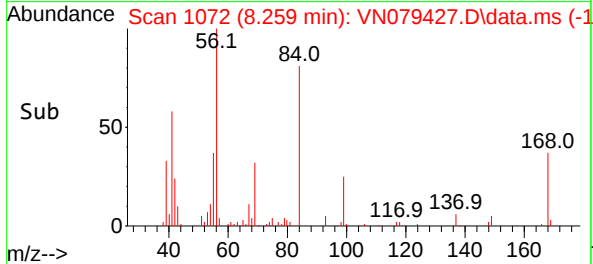
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



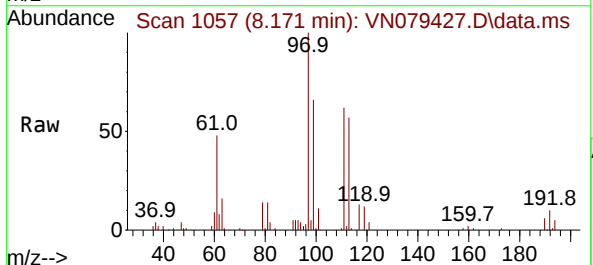
Tgt Ion: 56 Resp: 11179
Ion Ratio Lower Upper
56 100
69 31.4 26.8 40.2
84 84.9 81.8 122.6

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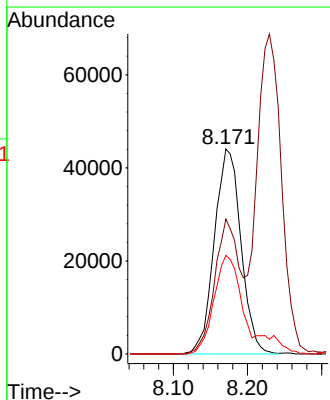
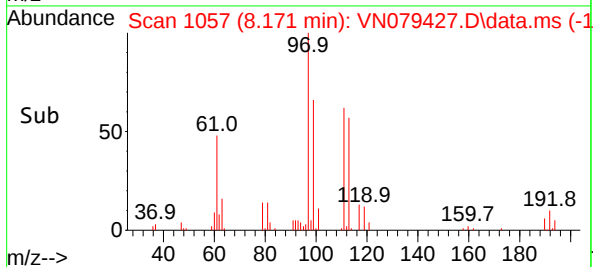
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

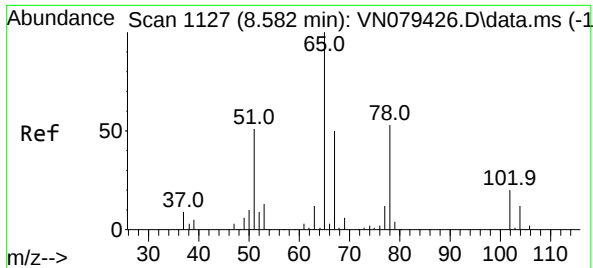


#32
1,1,1-Trichloroethane
Concen: 19.324 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14



Tgt Ion: 97 Resp: 109746
Ion Ratio Lower Upper
97 100
99 60.4 50.3 75.5
61 56.5 34.7 52.1#





#33
1,2-Dichloroethane-d4
Concen: 18.377 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

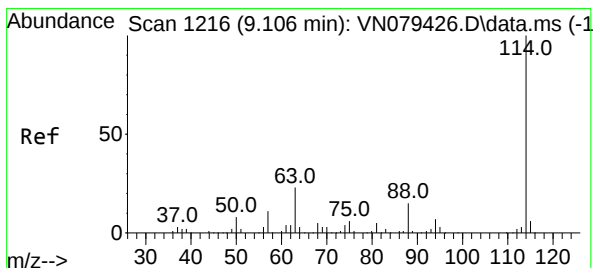
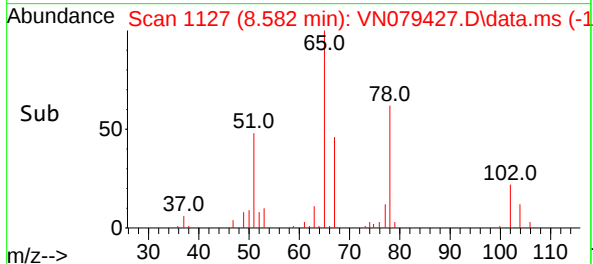
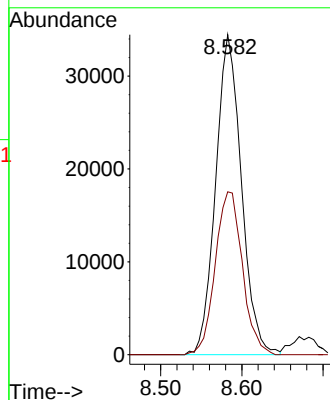
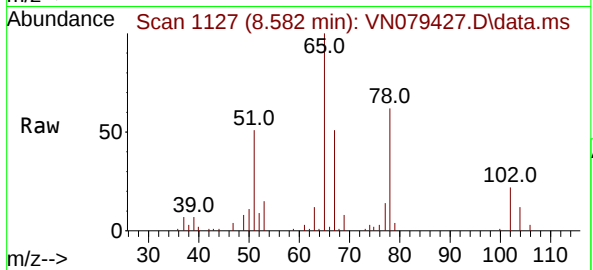
Tgt Ion: 65 Resp: 76059
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.6

Manual Integrations

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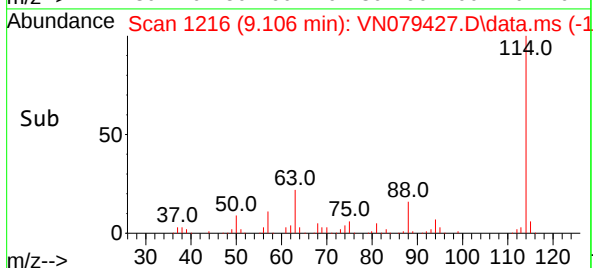
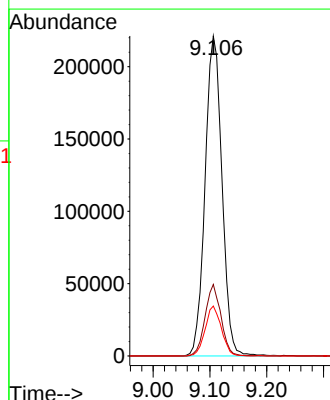
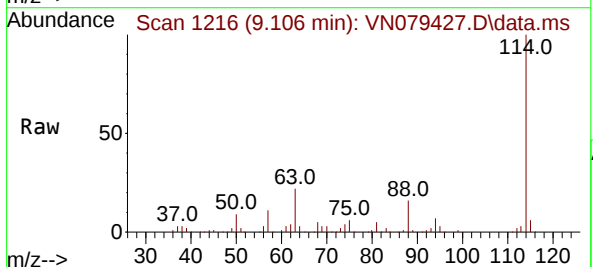
Reviewed By :John Carlone 10/06/2023

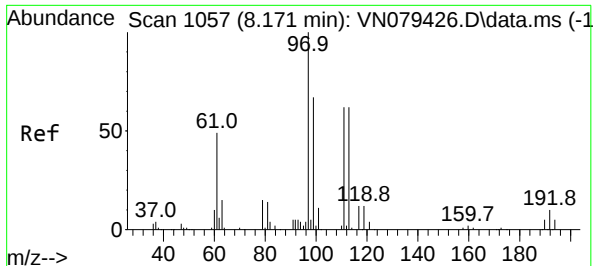
Supervised By :Mahesh Dadoda 10/06/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Tgt Ion:114 Resp: 456268
Ion Ratio Lower Upper
114 100
63 22.4 0.0 36.4
88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 18.929 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079427.D

Acq: 05 Oct 2023 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:113 Resp: 6206

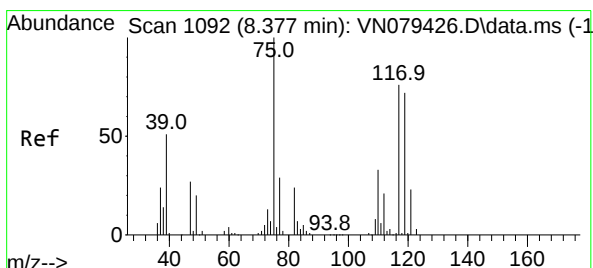
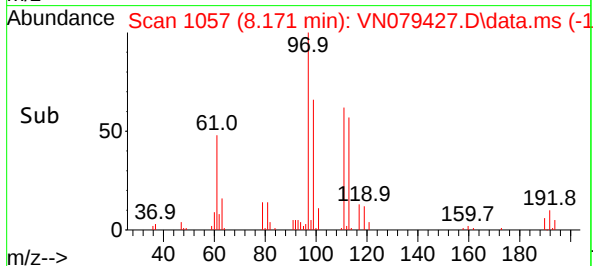
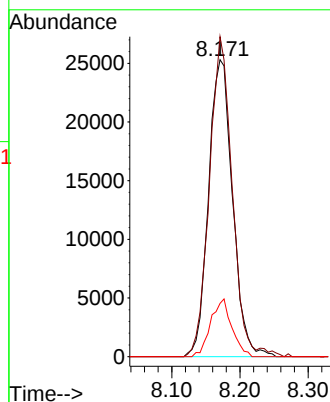
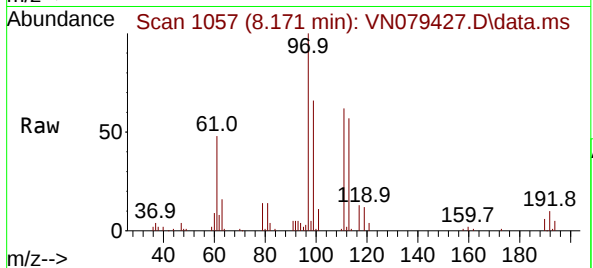
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	17.1	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#36

1,1-Dichloropropene

Concen: 20.138 ug/l

RT: 8.377 min Scan# 1092

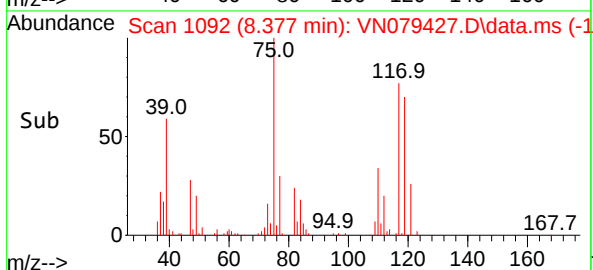
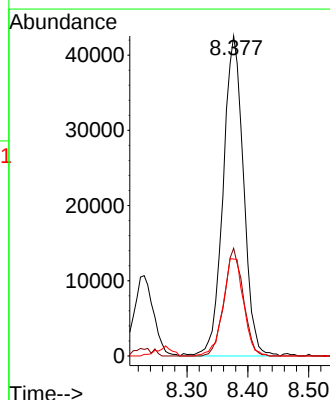
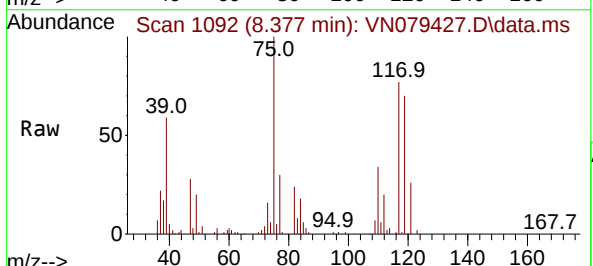
Delta R.T. -0.000 min

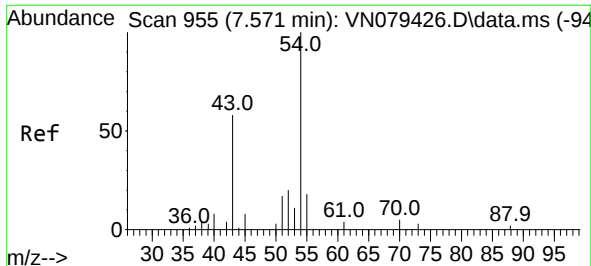
Lab File: VN079427.D

Acq: 05 Oct 2023 18:14

Tgt Ion: 75 Resp: 99102

Ion	Ratio	Lower	Upper
75	100		
110	31.5	19.1	57.3
77	30.9	25.0	37.4





#37

Ethyl Acetate

Concen: 19.486 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN079427.D

Acq: 05 Oct 2023 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 98224

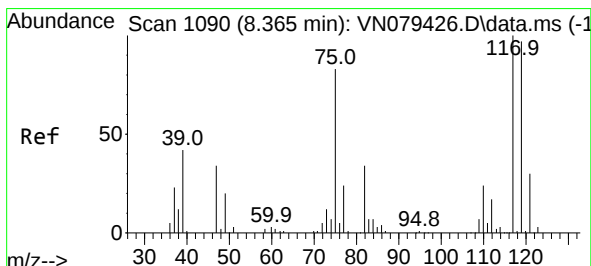
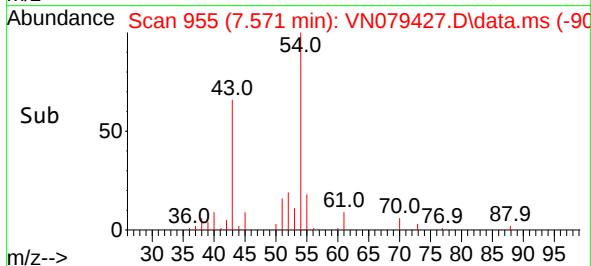
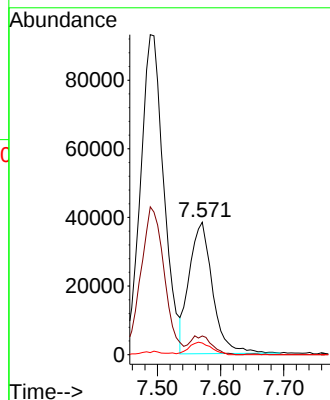
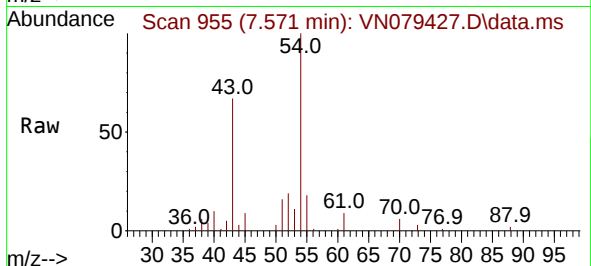
Ion	Ratio	Lower	Upper
43	100		
61	13.5	13.2	19.8
70	9.0	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#38

Carbon Tetrachloride

Concen: 19.236 ug/l

RT: 8.365 min Scan# 1090

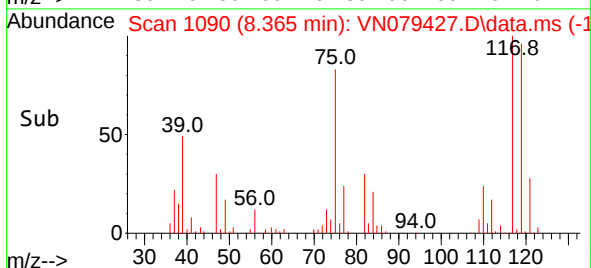
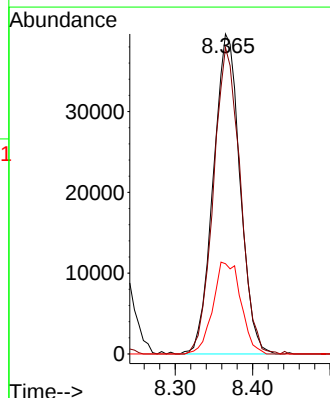
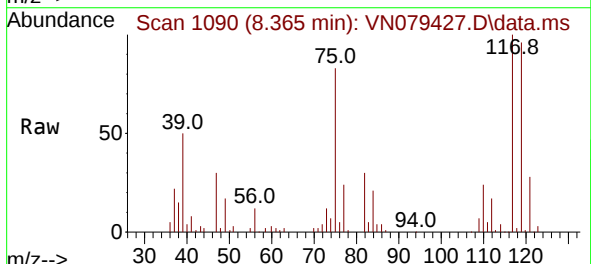
Delta R.T. -0.000 min

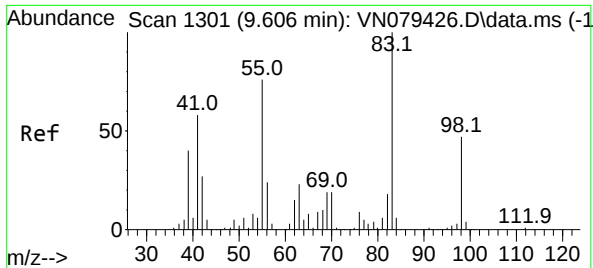
Lab File: VN079427.D

Acq: 05 Oct 2023 18:14

Tgt Ion:117 Resp: 94767

Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.3	115.9
121	28.2	23.3	34.9





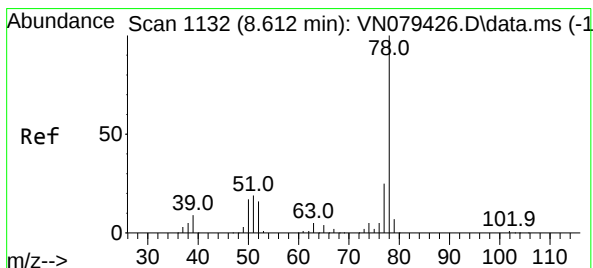
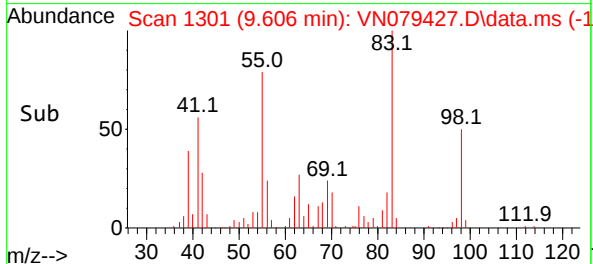
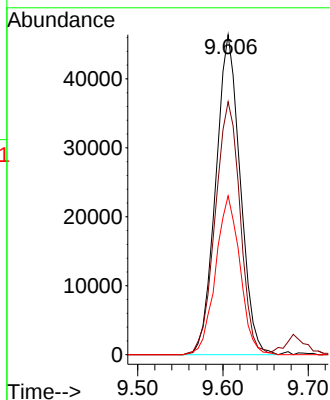
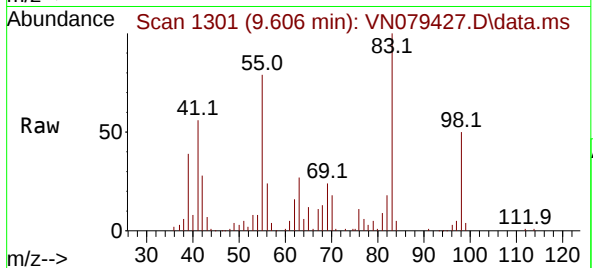
#39
Methylcyclohexane
Concen: 19.593 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 92630
Ion Ratio Lower Upper
83 100
55 79.1 49.1 73.7
98 49.7 40.6 61.0

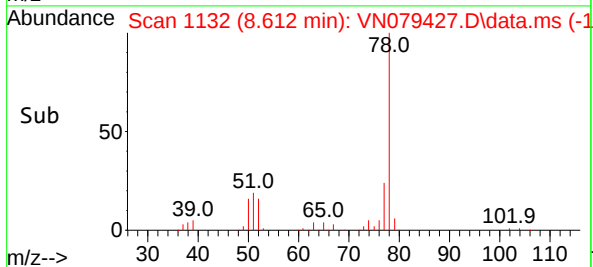
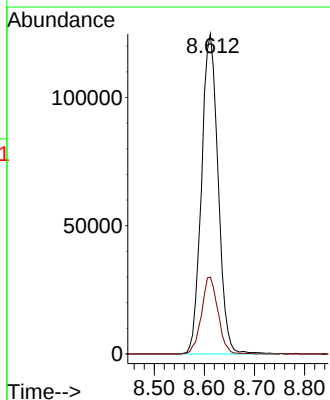
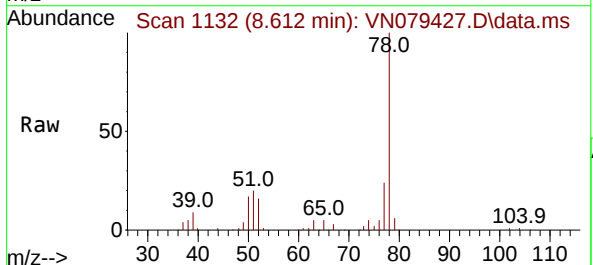
Manual Integrations
APPROVED

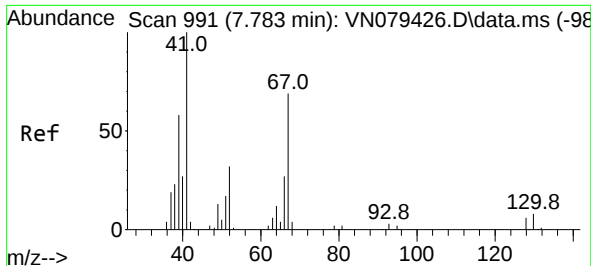
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#40
Benzene
Concen: 19.650 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

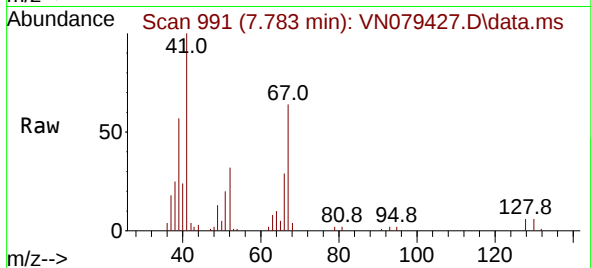
Tgt Ion: 78 Resp: 287185
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 19.610 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

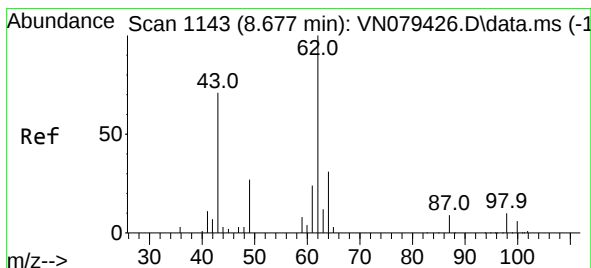
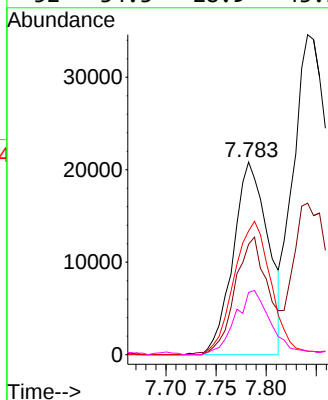
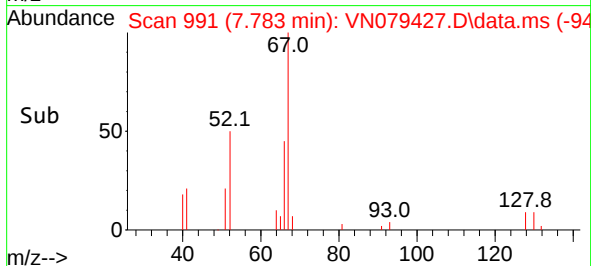
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



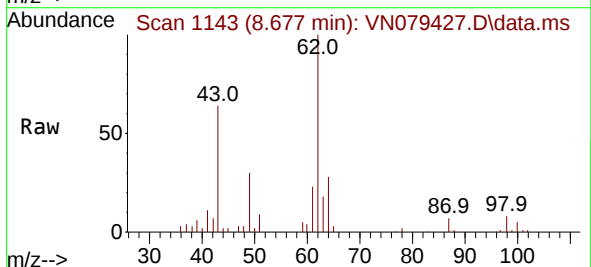
Tgt Ion: 41 Resp: 50483
Ion Ratio Lower Upper
41 100
39 57.4 42.6 64.0
67 74.0 77.5 116.3
52 34.3 28.9 43.3

Manual Integrations
APPROVED

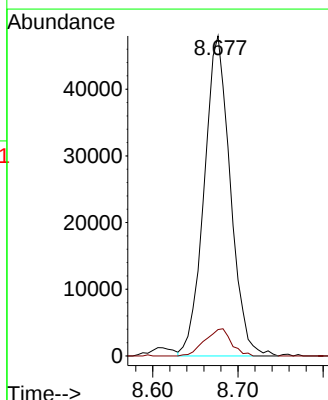
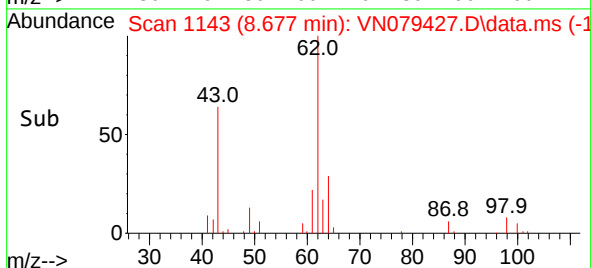
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

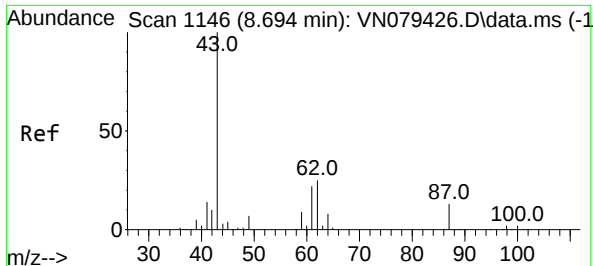


#42
1,2-Dichloroethane
Concen: 19.279 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14



Tgt Ion: 62 Resp: 102380
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.8





#43

Isopropyl Acetate

Concen: 18.853 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN079427.D

Acq: 05 Oct 2023 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 161739

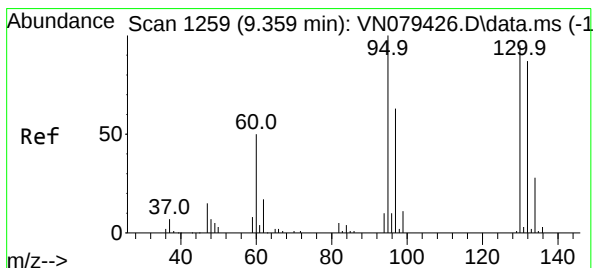
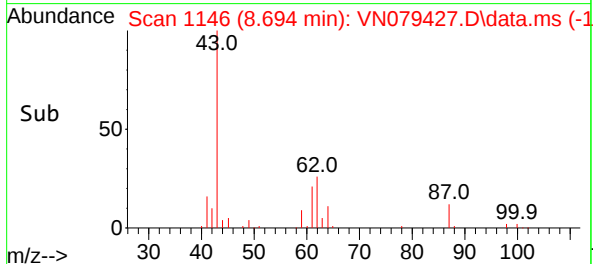
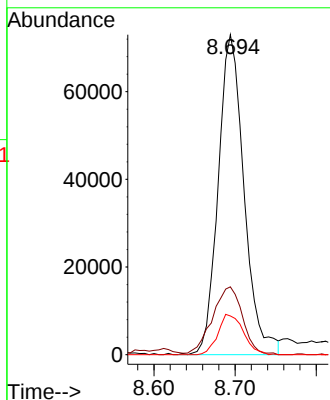
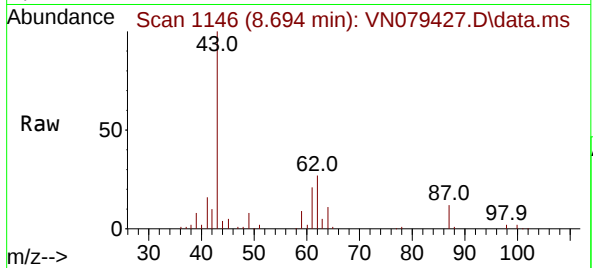
Ion	Ratio	Lower	Upper
43	100		
61	24.7	24.7	37.1
87	12.4	14.6	21.8

Manual Integrations

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Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#44

Trichloroethene

Concen: 19.325 ug/l

RT: 9.359 min Scan# 1259

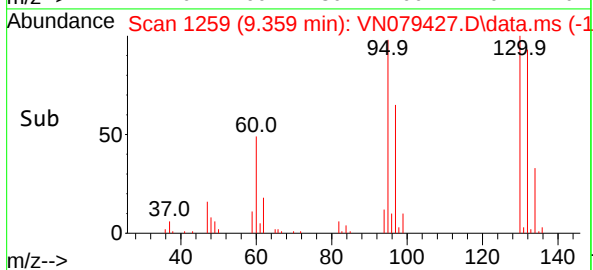
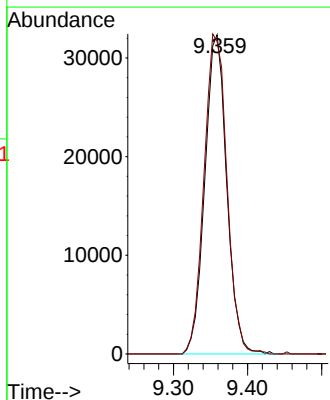
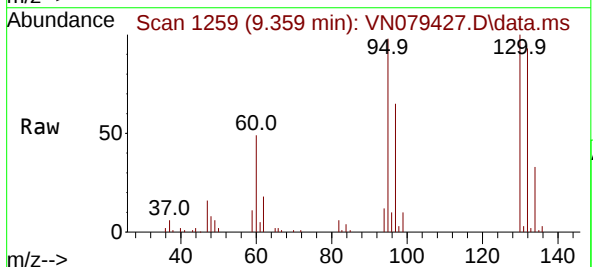
Delta R.T. -0.000 min

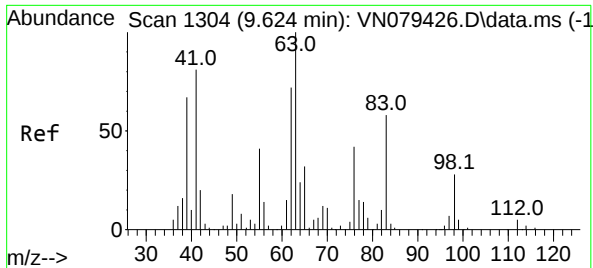
Lab File: VN079427.D

Acq: 05 Oct 2023 18:14

Tgt Ion:130 Resp: 66475

Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	204.6





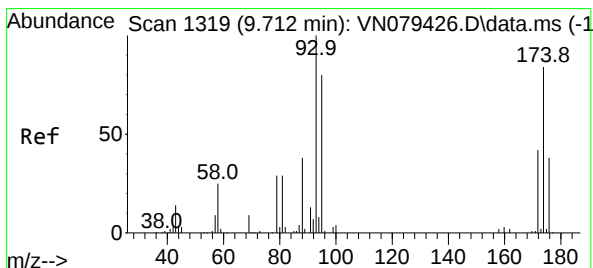
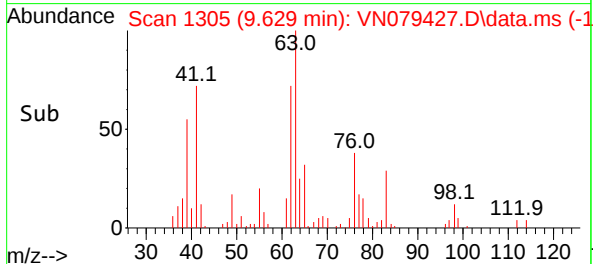
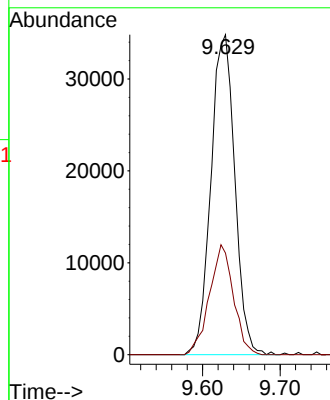
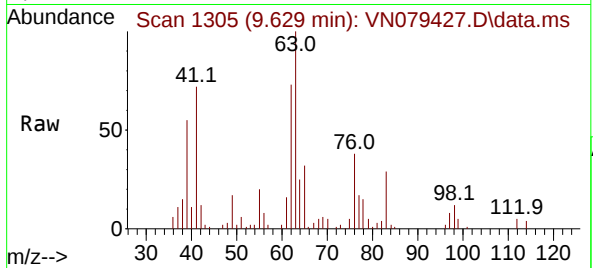
#45
1,2-Dichloropropane
Concen: 19.378 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 63 Resp: 74618
Ion Ratio Lower Upper
63 100
65 31.8 23.9 35.9

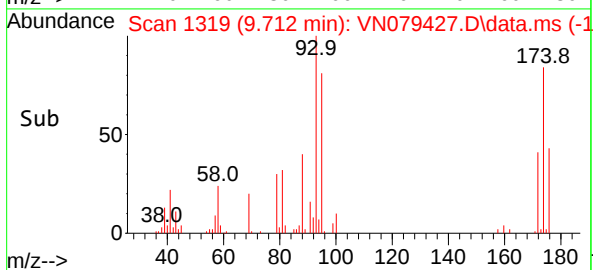
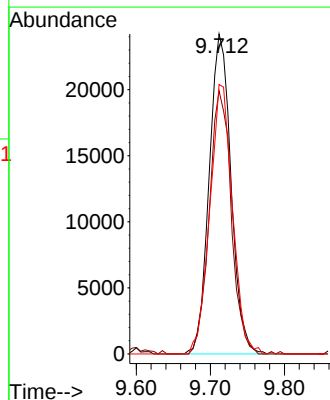
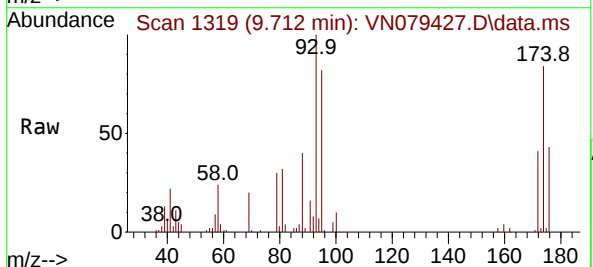
Manual Integrations
APPROVED

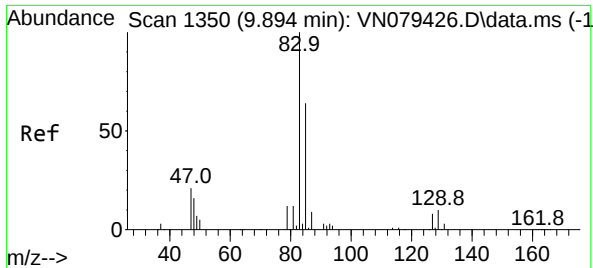
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#46
Dibromomethane
Concen: 19.873 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Tgt Ion: 93 Resp: 49562
Ion Ratio Lower Upper
93 100
95 82.6 63.8 95.8
174 87.2 65.6 98.4





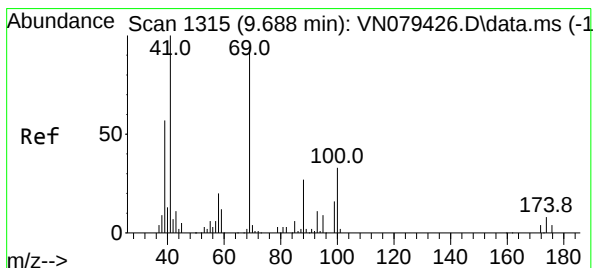
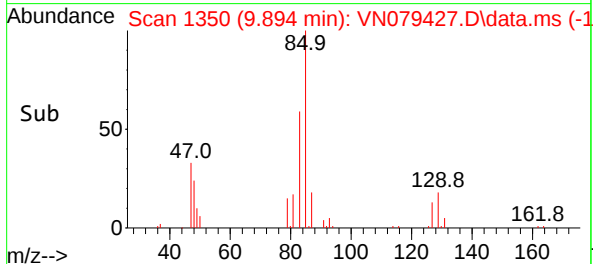
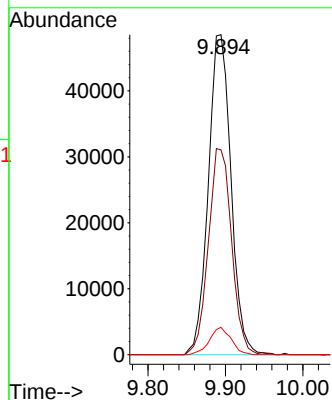
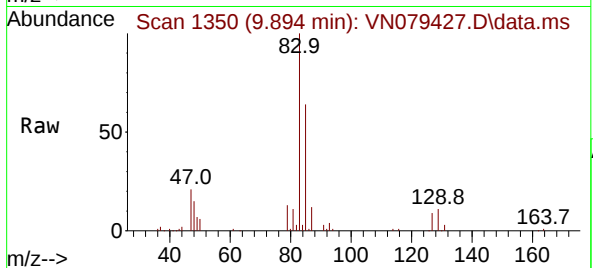
#47
Bromodichloromethane
Concen: 19.242 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 9871
Ion Ratio Lower Upper
83 100
85 64.0 49.6 74.4
127 8.5 7.0 10.6

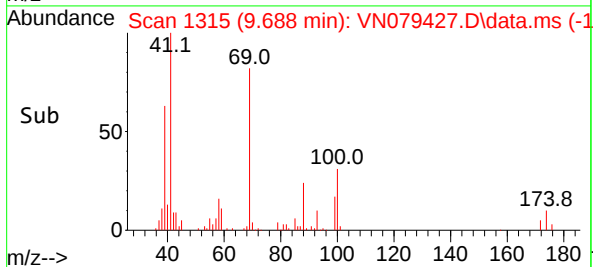
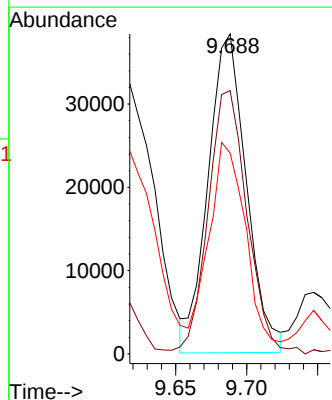
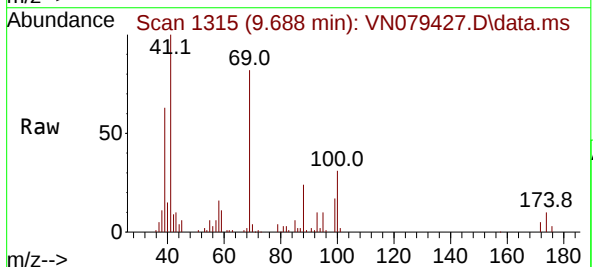
Manual Integrations
APPROVED

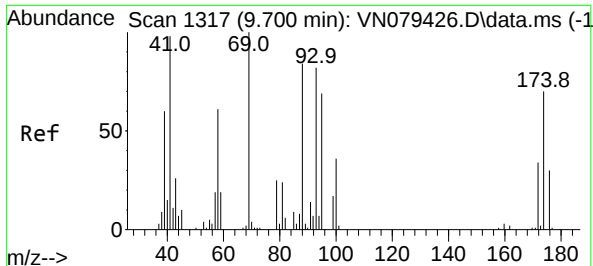
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#48
Methyl methacrylate
Concen: 19.521 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Tgt Ion: 41 Resp: 71764
Ion Ratio Lower Upper
41 100
69 84.2 90.4 135.6#
39 64.7 54.6 81.8





#49

1,4-Dioxane

Concen: 439.169 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079427.D

Acq: 05 Oct 2023 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 29738

Ion Ratio Lower Upper

88 100

43 25.9 17.0 25.6

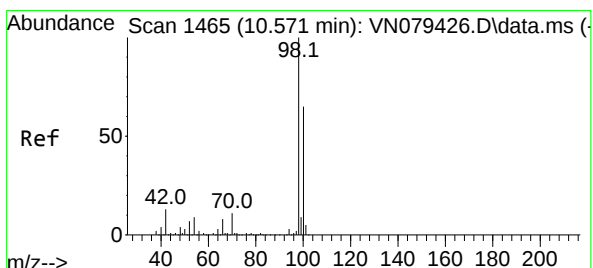
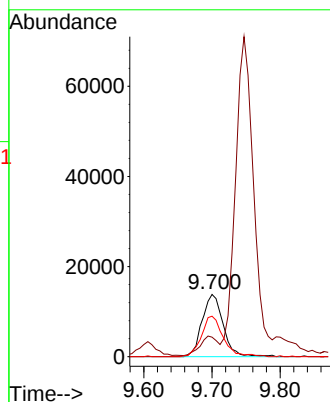
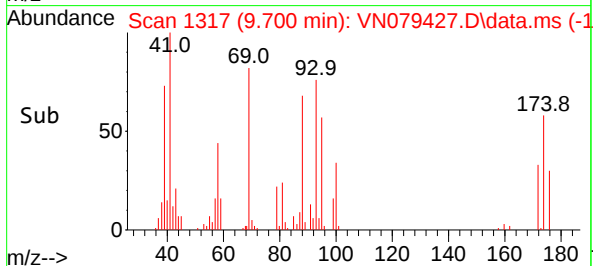
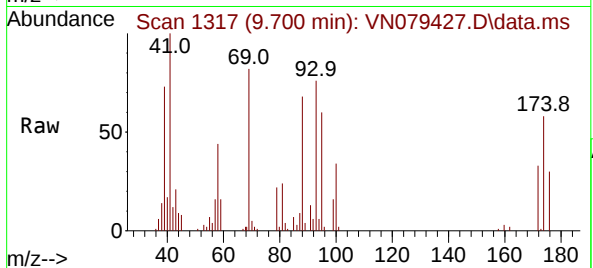
58 67.1 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#50

Toluene-d8

Concen: 18.895 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079427.D

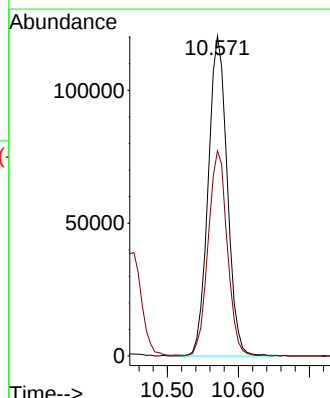
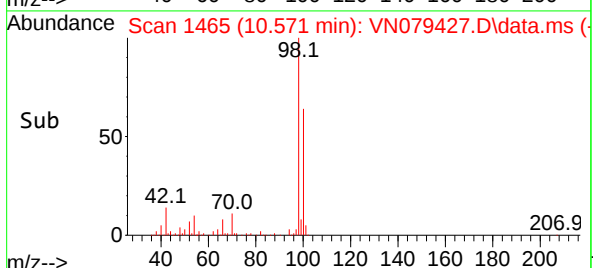
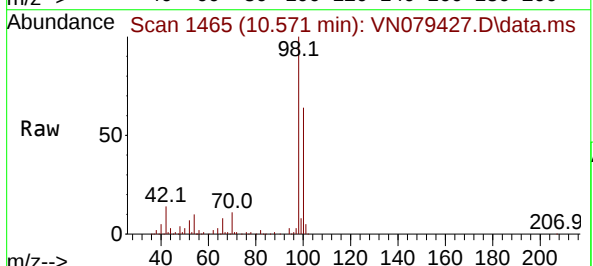
Acq: 05 Oct 2023 18:14

Tgt Ion: 98 Resp: 224167

Ion Ratio Lower Upper

98 100

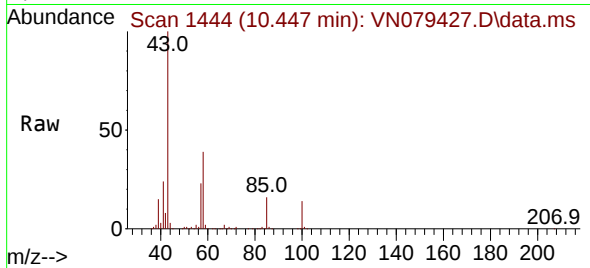
100 64.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 101.126 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

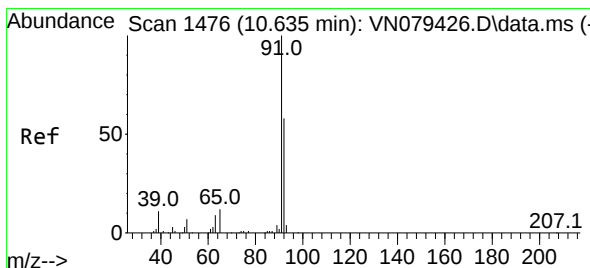
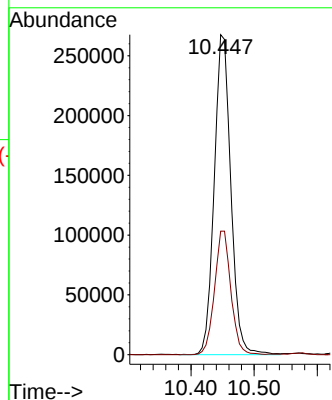
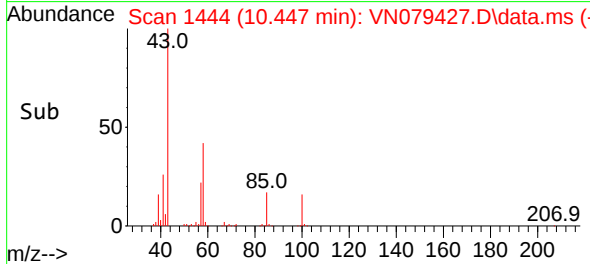
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 489732
Ion Ratio Lower Upper
43 100
58 38.0 36.6 54.8

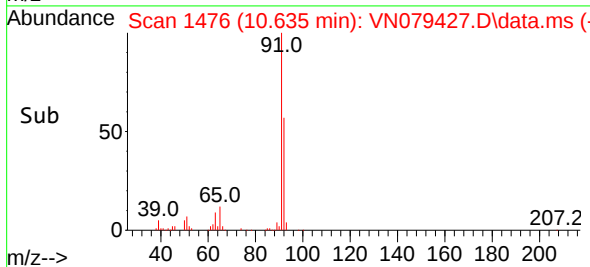
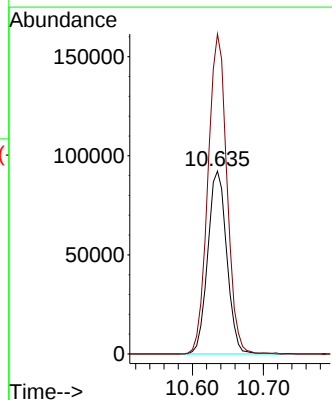
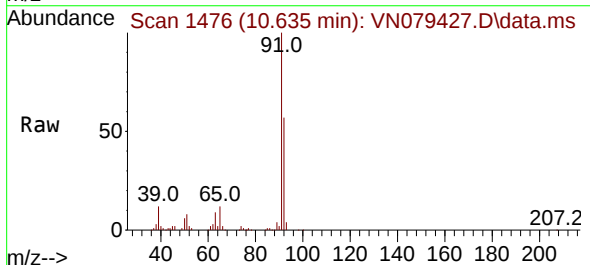
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APPROVED

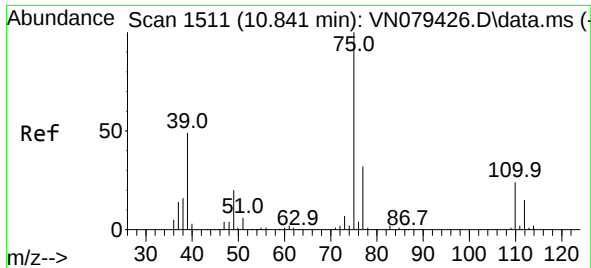
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#52
Toluene
Concen: 19.935 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

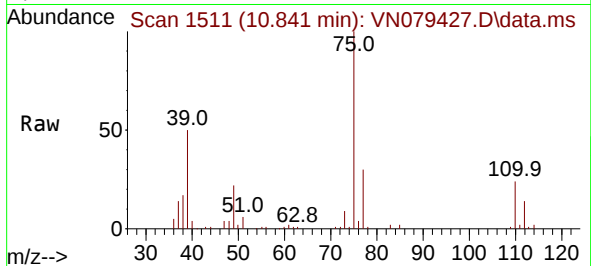
Tgt Ion: 92 Resp: 171501
Ion Ratio Lower Upper
92 100
91 174.5 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 19.801 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN079427.D
 Acq: 05 Oct 2023 18:14

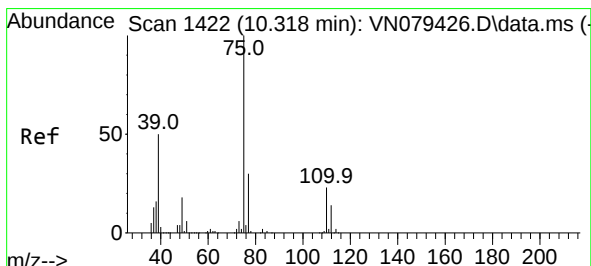
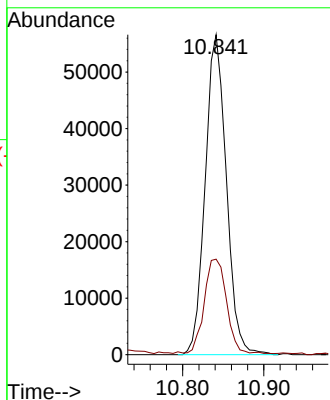
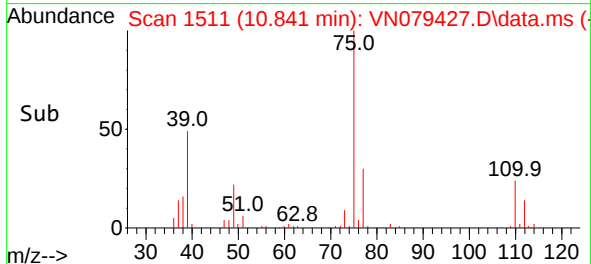
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



Tgt Ion: 75 Resp: 10237
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.4 38.0

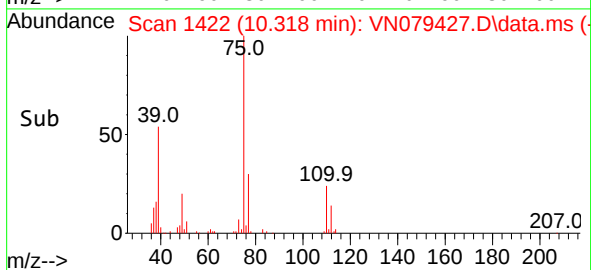
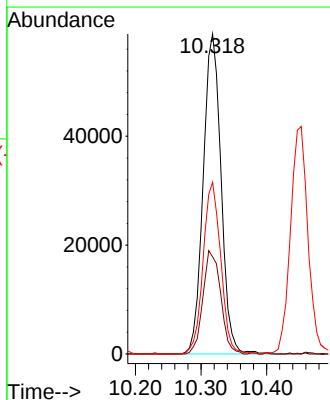
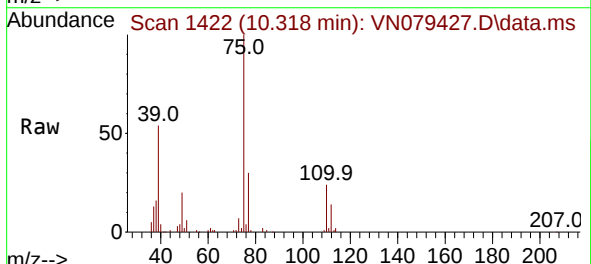
Manual Integrations
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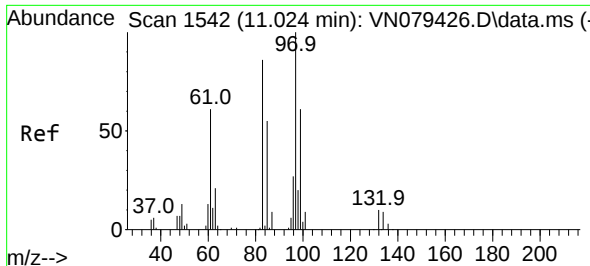
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.713 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079427.D
 Acq: 05 Oct 2023 18:14

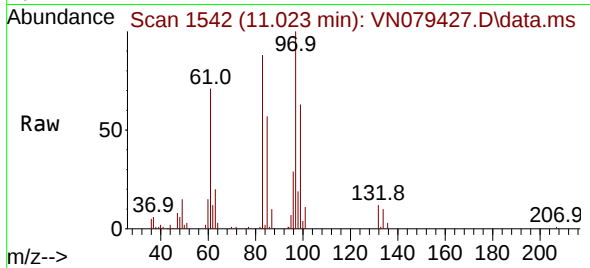
Tgt Ion: 75 Resp: 111567
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.1 39.1
 39 53.6 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 19.208 ug/l
RT: 11.023 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

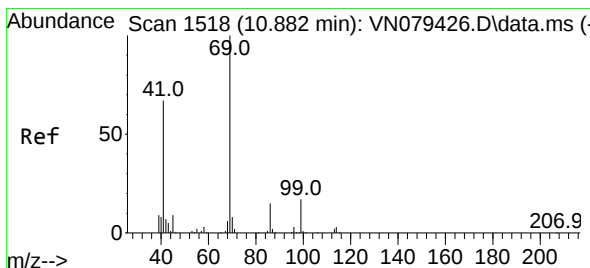
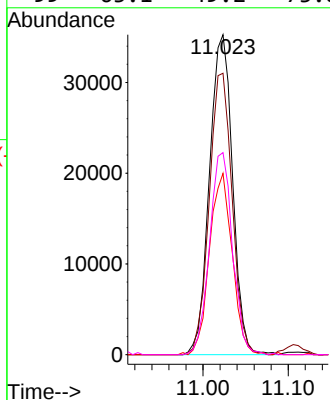
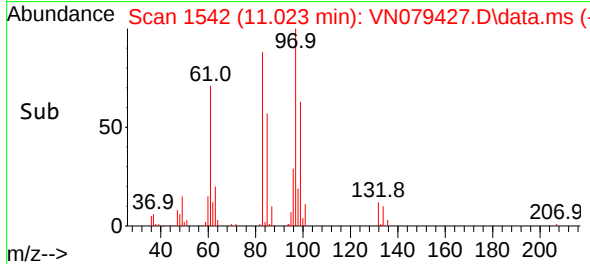
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



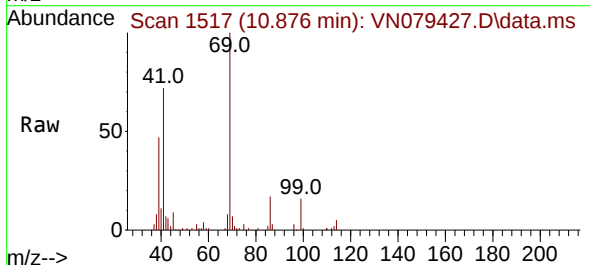
Tgt Ion: 97 Resp: 6634
Ion Ratio Lower Upper
97 100
83 88.0 65.1 97.7
85 56.6 43.4 65.2
99 63.1 49.2 73.8

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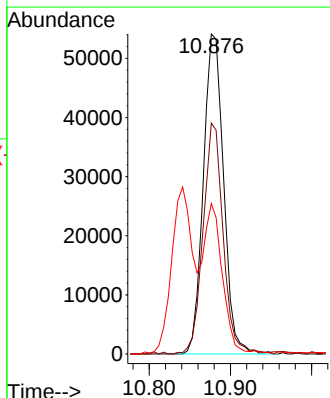
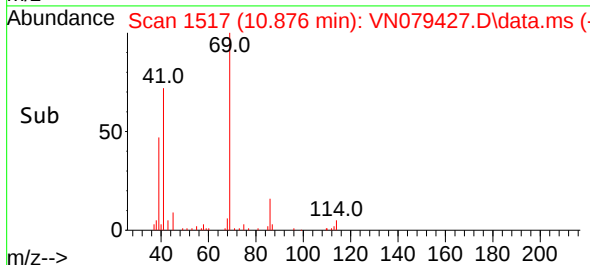
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

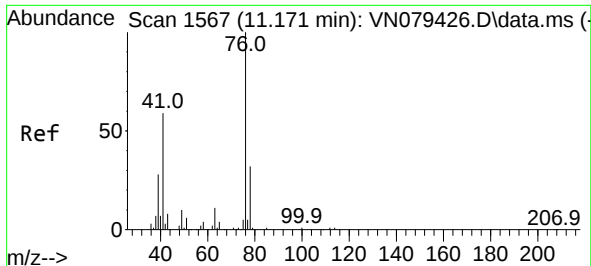


#56
Ethyl methacrylate
Concen: 19.748 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14



Tgt Ion: 69 Resp: 93724
Ion Ratio Lower Upper
69 100
41 71.5 39.6 59.4#
39 44.7 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 19.772 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079427.D

Acq: 05 Oct 2023 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 117918

Ion Ratio Lower Upper

76 100

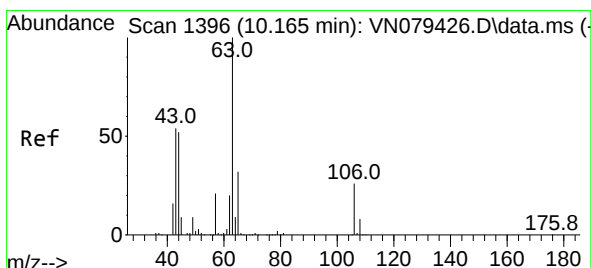
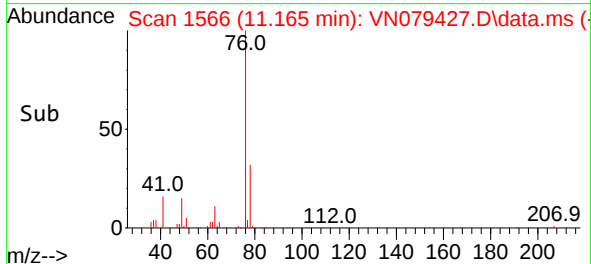
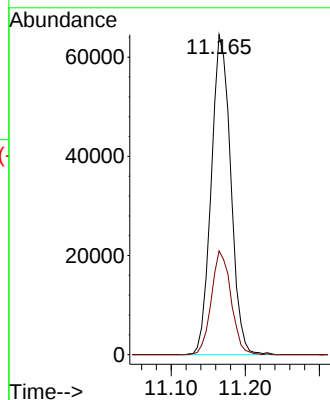
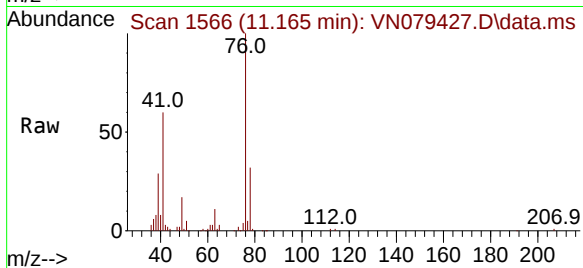
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 102.899 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079427.D

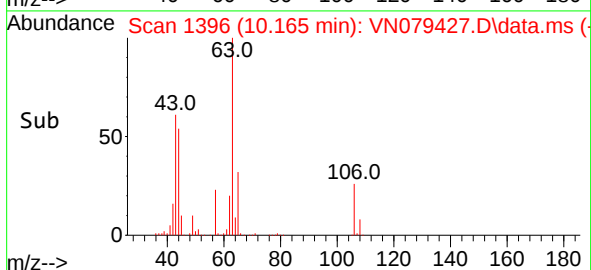
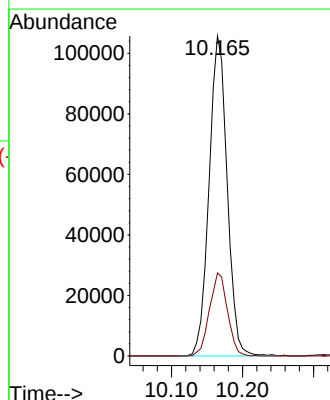
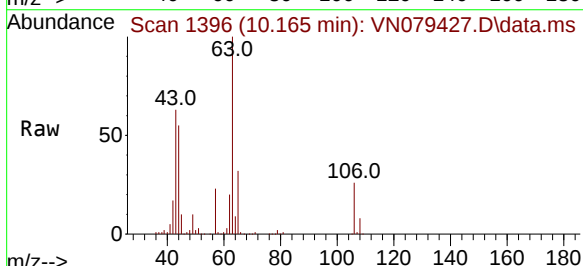
Acq: 05 Oct 2023 18:14

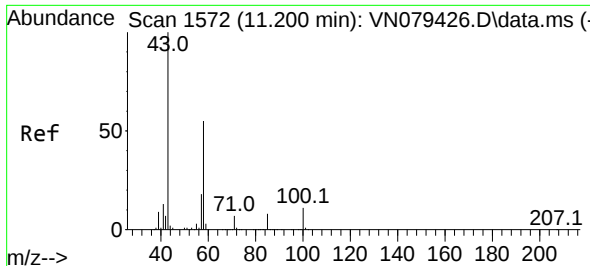
Tgt Ion: 63 Resp: 187024

Ion Ratio Lower Upper

63 100

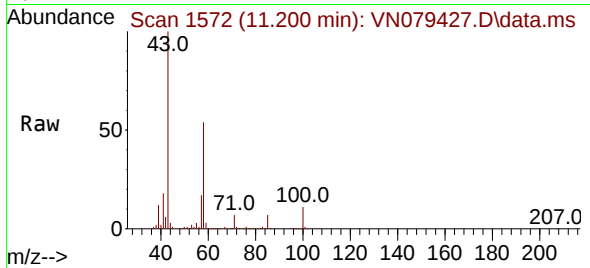
106 25.8 26.2 39.4#





#59
2-Hexanone
Concen: 101.263 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

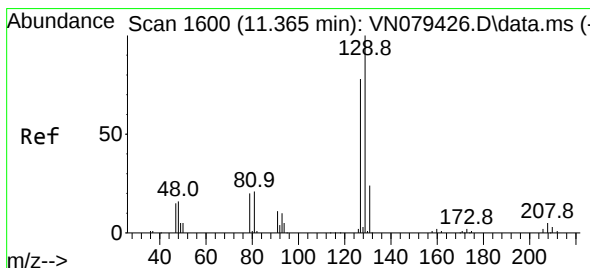
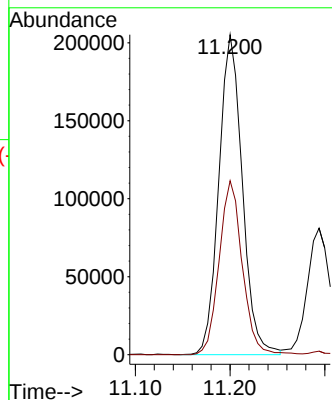
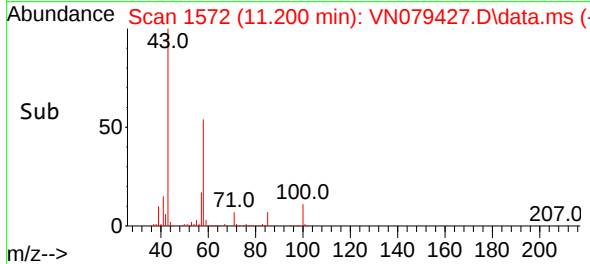
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 353874
Ion Ratio Lower Upper
43 100
58 53.6 31.7 95.1

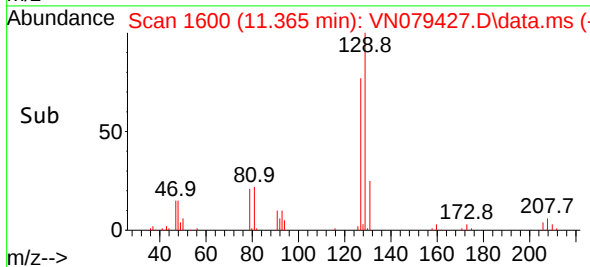
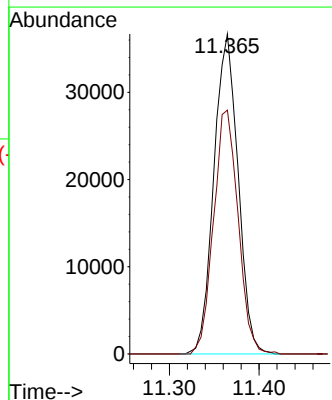
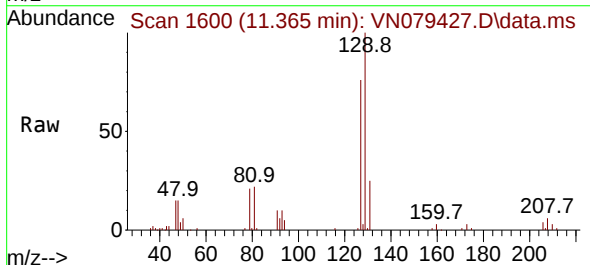
Manual Integrations
APPROVED

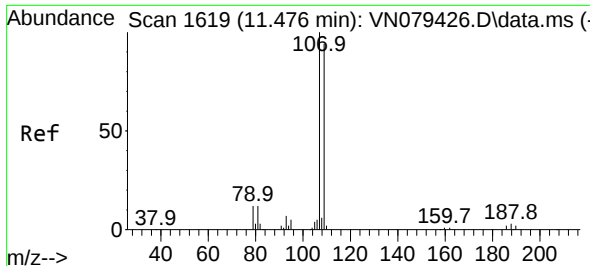
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#60
Dibromochloromethane
Concen: 19.752 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Tgt Ion:129 Resp: 68562
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





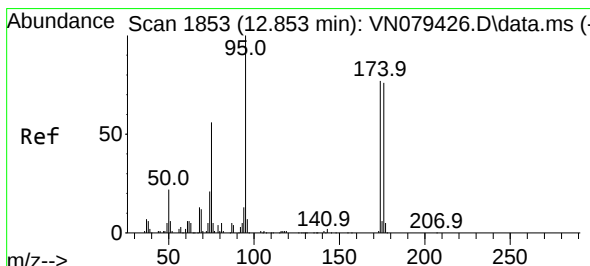
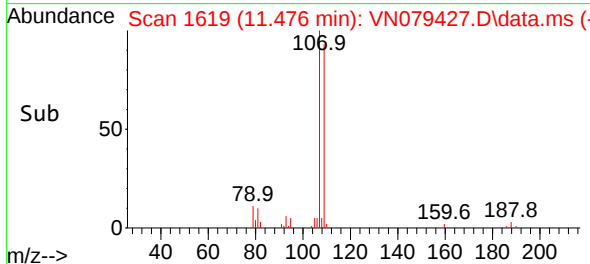
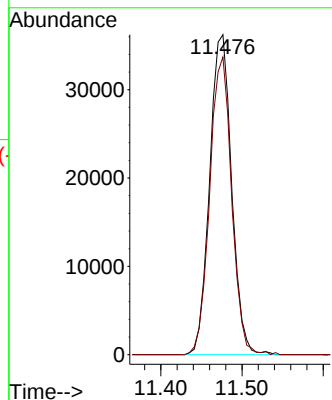
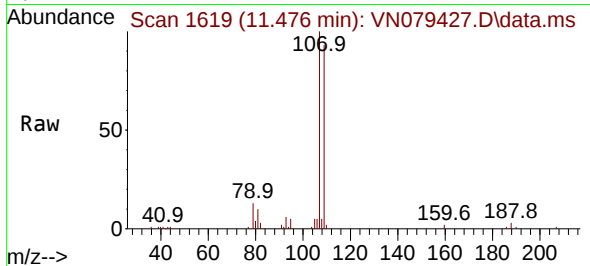
#61
1,2-Dibromoethane
Concen: 19.861 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 68075
Ion Ratio Lower Upper
107 100
109 92.7 76.6 114.8

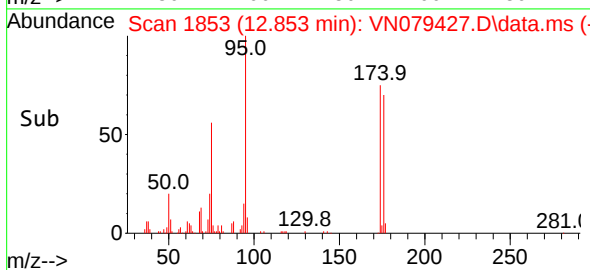
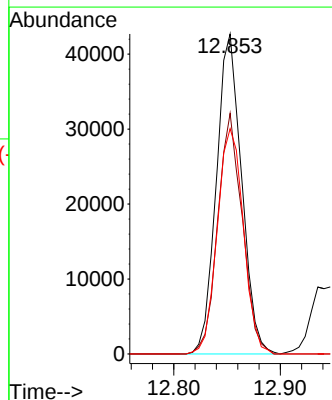
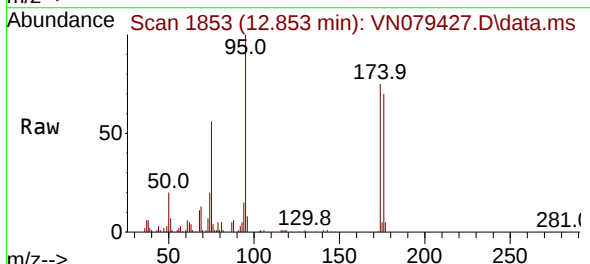
Manual Integrations
APPROVED

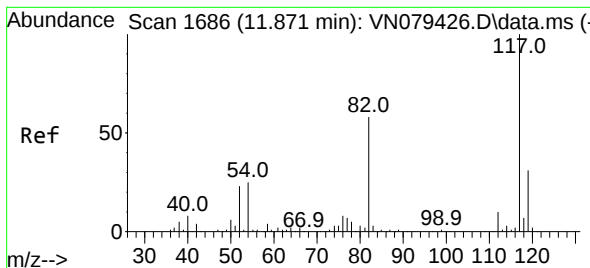
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#62
4-Bromofluorobenzene
Concen: 18.414 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

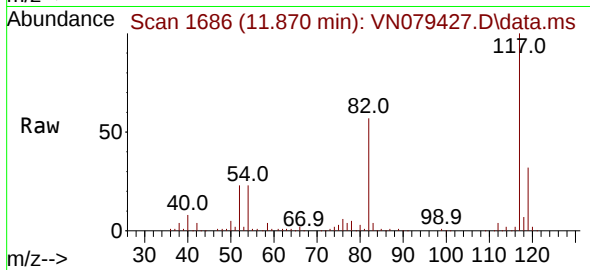
Tgt Ion: 95 Resp: 70110
Ion Ratio Lower Upper
95 100
174 73.2 0.0 143.8
176 73.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

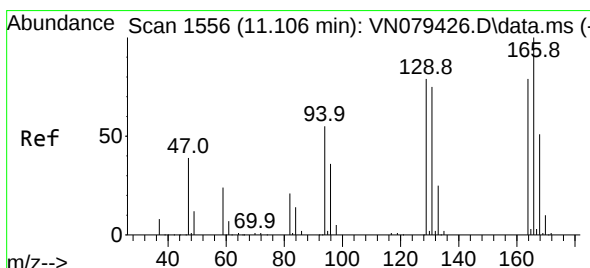
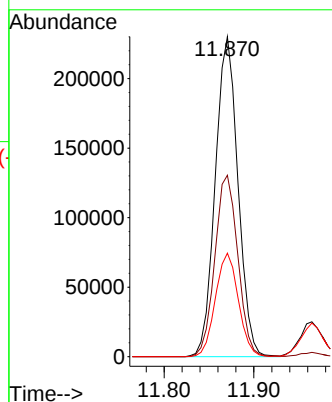
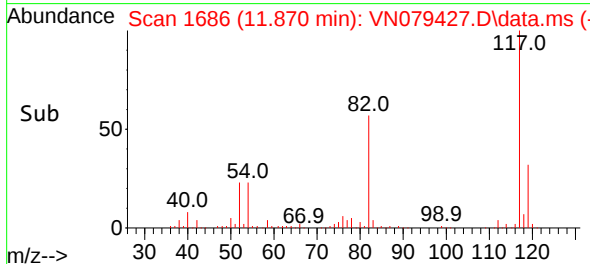
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 40454
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 32.3 25.6 38.4

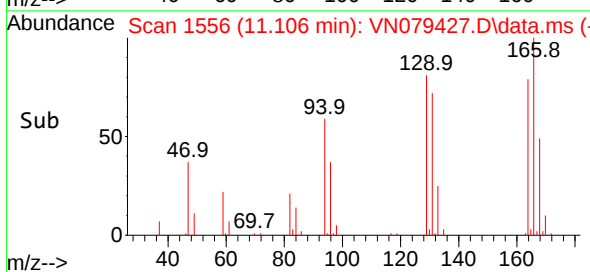
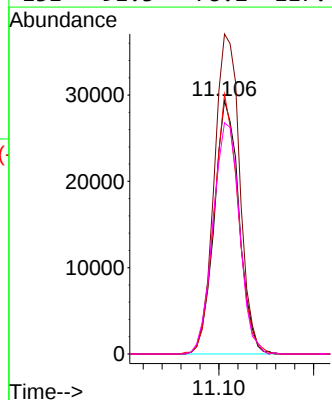
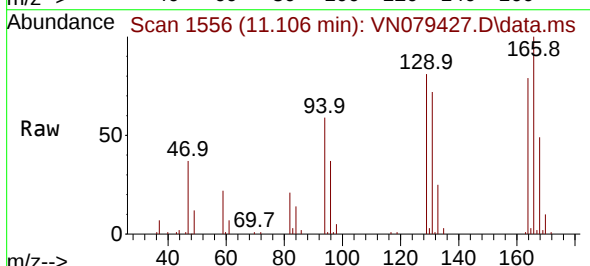
Manual Integrations
APPROVED

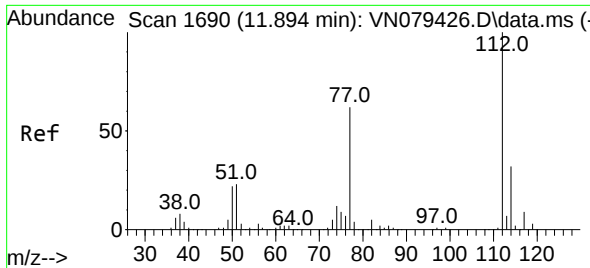
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#64
Tetrachloroethene
Concen: 19.211 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Tgt Ion:164 Resp: 53464
Ion Ratio Lower Upper
164 100
166 126.3 101.4 152.0
129 102.5 82.4 123.6
131 91.3 78.2 117.4





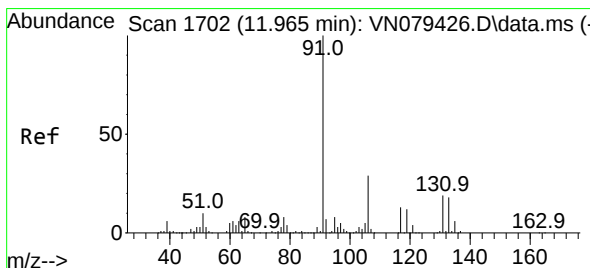
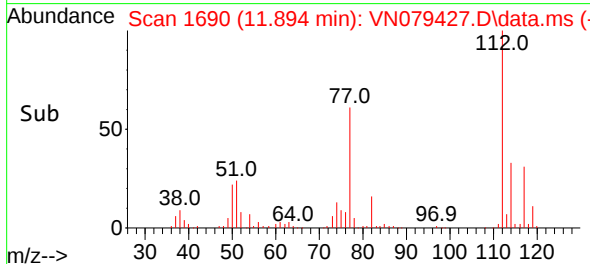
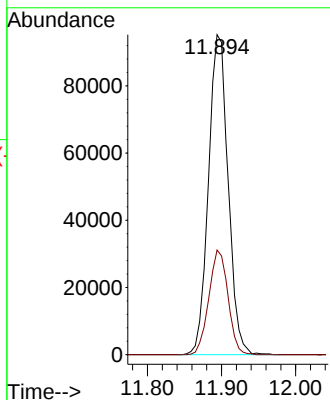
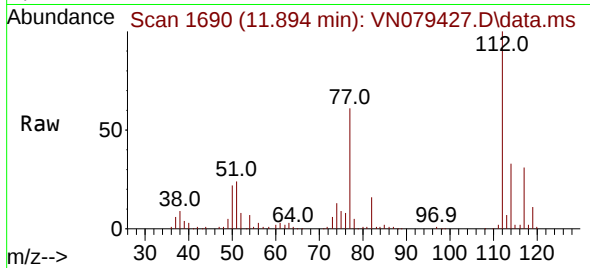
#65
Chlorobenzene
Concen: 19.446 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 175192
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.4

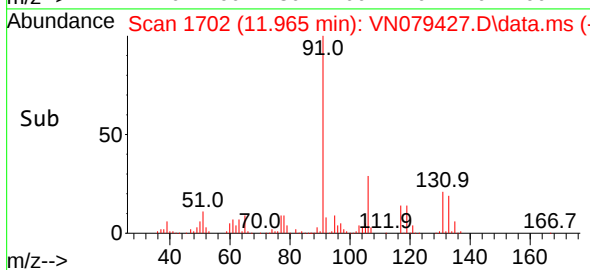
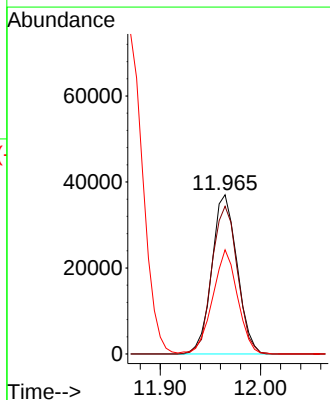
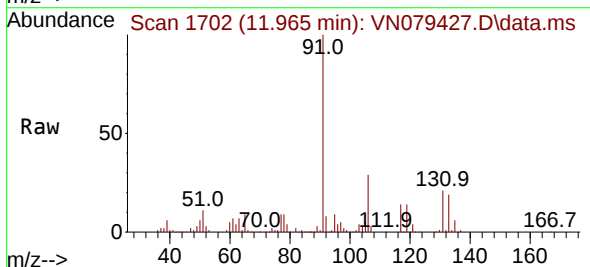
Manual Integrations
APPROVED

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



#66
1,1,1,2-Tetrachloroethane
Concen: 19.636 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Tgt Ion:131 Resp: 64774
Ion Ratio Lower Upper
131 100
133 94.3 46.4 139.1
119 64.8 34.1 102.2





#67

Ethyl Benzene

Concen: 19.684 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN079427.D

Acq: 05 Oct 2023 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 308225

Ion Ratio Lower Upper

91 100

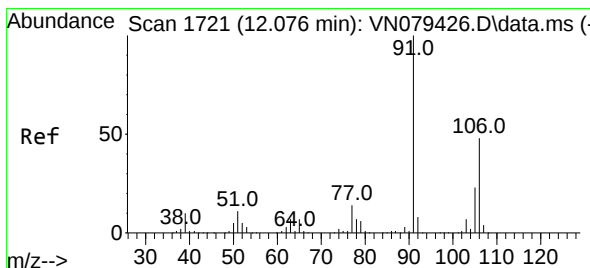
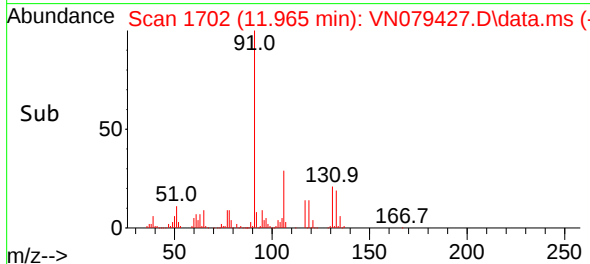
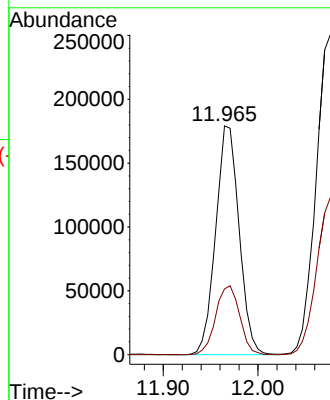
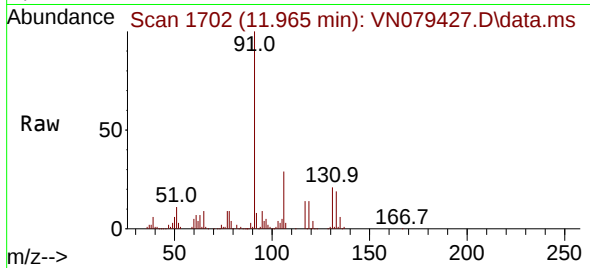
106 28.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#68

m/p-Xylenes

Concen: 40.852 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN079427.D

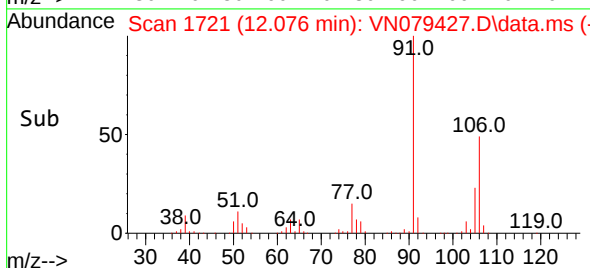
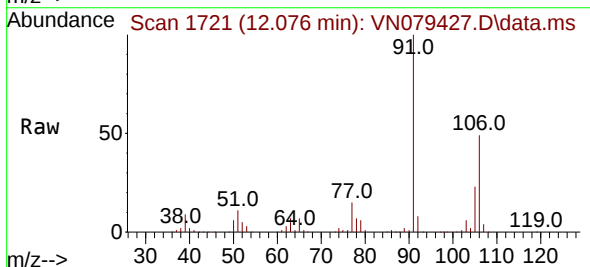
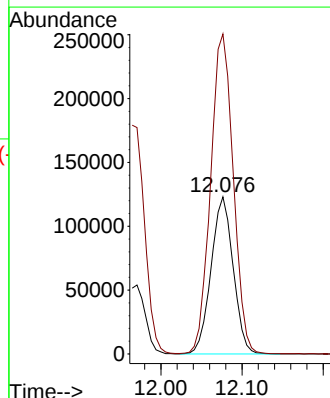
Acq: 05 Oct 2023 18:14

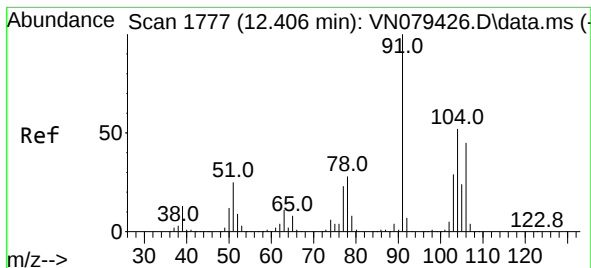
Tgt Ion:106 Resp: 232433

Ion Ratio Lower Upper

106 100

91 208.8 159.6 239.4





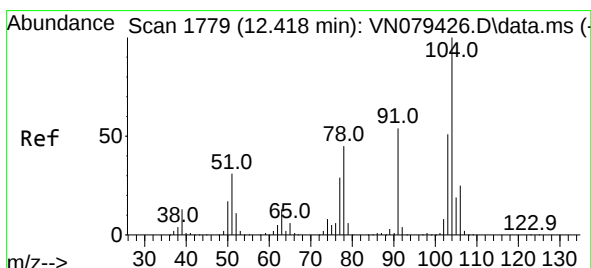
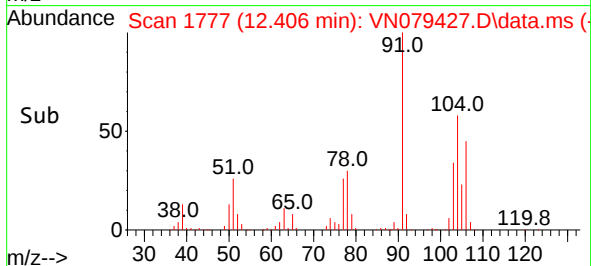
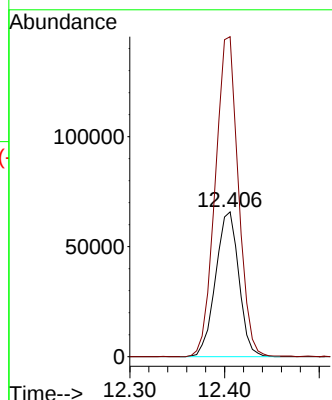
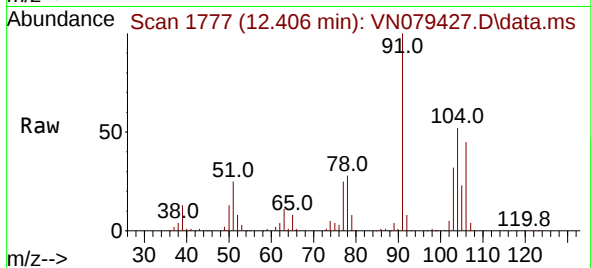
#69
o-Xylene
Concen: 20.057 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 112225
Ion Ratio Lower Upper
106 100
91 219.6 105.2 315.5

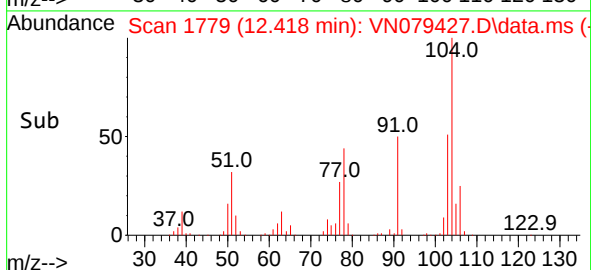
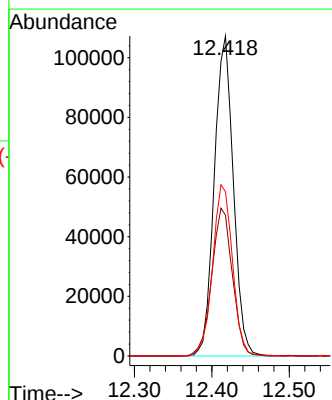
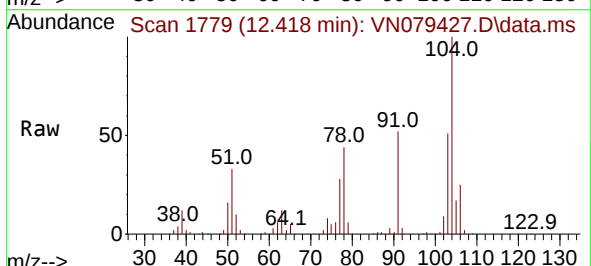
Manual Integrations
APPROVED

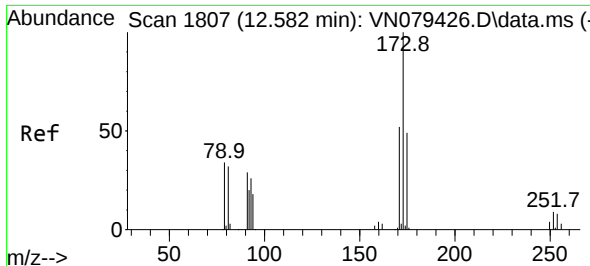
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#70
Styrene
Concen: 20.741 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

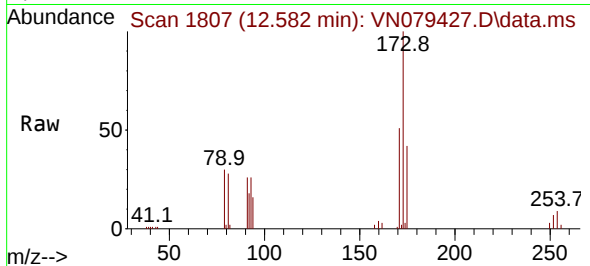
Tgt Ion:104 Resp: 183317
Ion Ratio Lower Upper
104 100
78 50.0 39.5 59.3
103 56.0 43.2 64.8





#71
Bromoform
Concen: 19.320 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

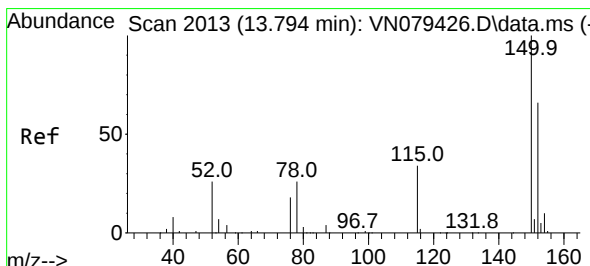
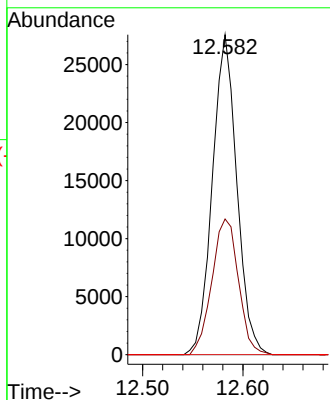
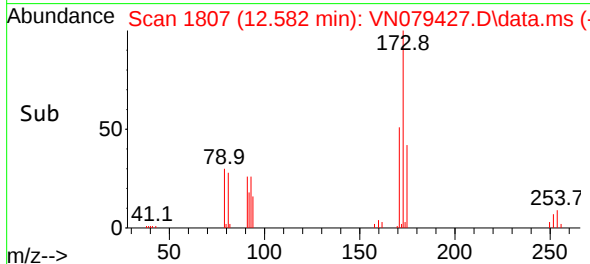
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



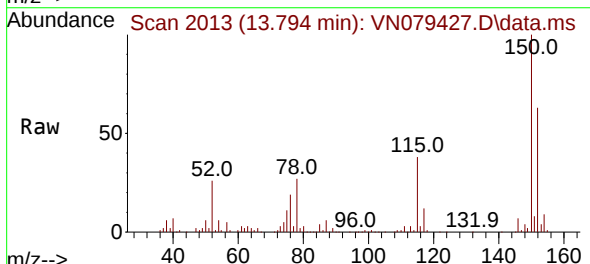
Tgt Ion:173 Resp: 4664
Ion Ratio Lower Upper
173 100
175 46.1 24.3 73.0
254 0.0 0.0 0.0

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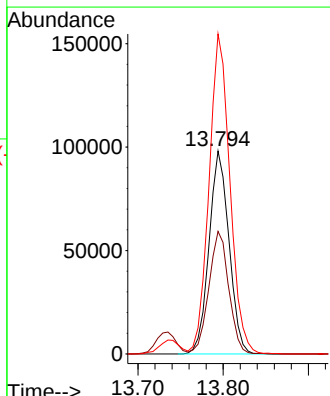
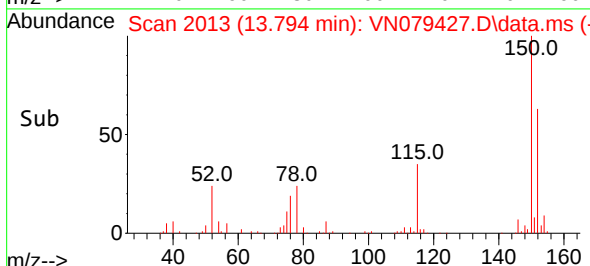
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

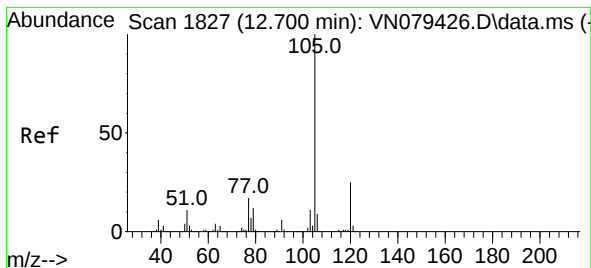


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14



Tgt Ion:152 Resp: 159913
Ion Ratio Lower Upper
152 100
115 60.4 32.3 96.8
150 164.9 0.0 355.8





#73

Isopropylbenzene

Concen: 19.185 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079427.D

Acq: 05 Oct 2023 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 28541

Ion Ratio Lower Upper

105 100

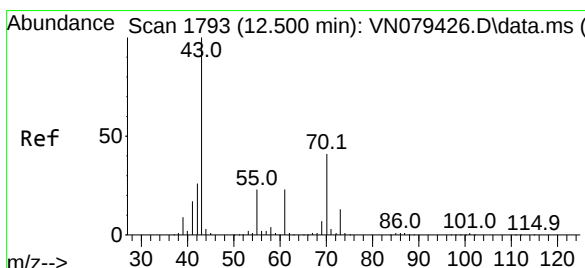
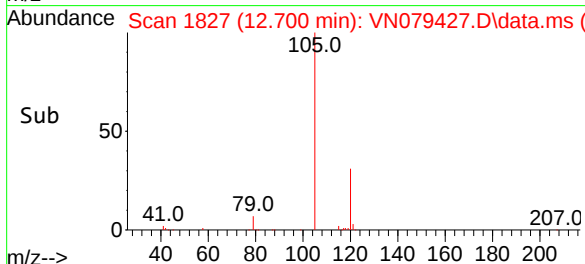
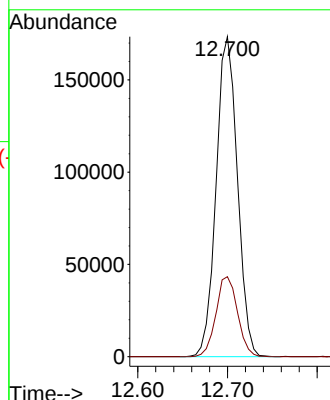
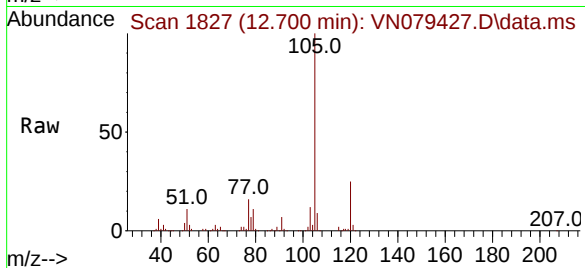
120 25.3 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#74

N-ethyl acetate

Concen: 19.462 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079427.D

Acq: 05 Oct 2023 18:14

Tgt Ion: 43 Resp: 118701

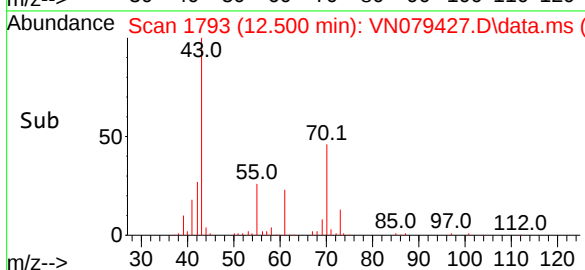
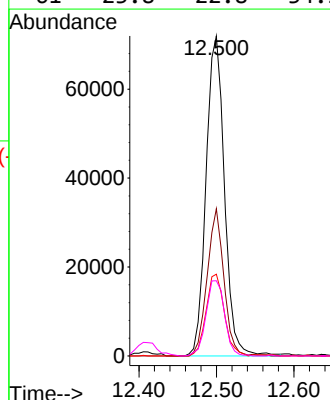
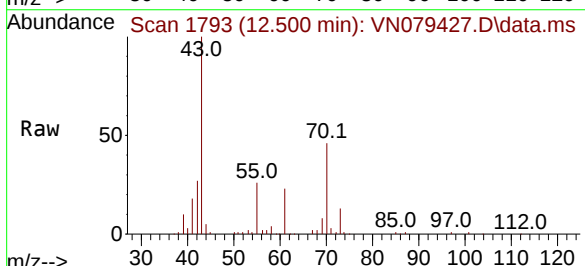
Ion Ratio Lower Upper

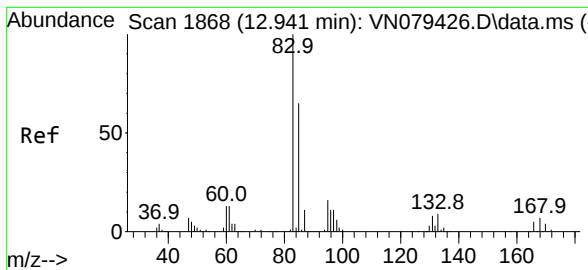
43 100

70 42.0 43.4 65.2

55 25.4 21.4 32.0

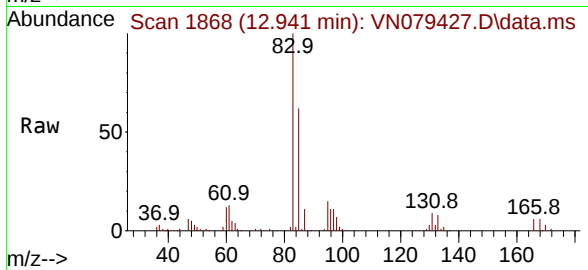
61 23.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.366 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

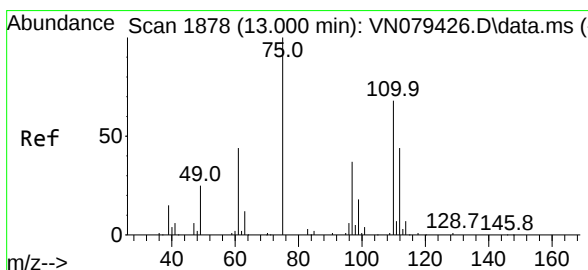
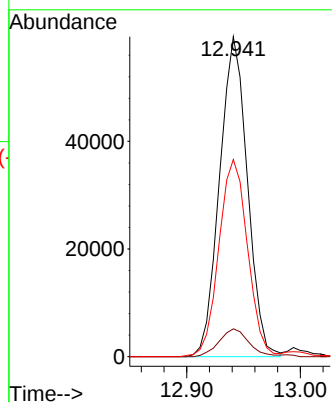
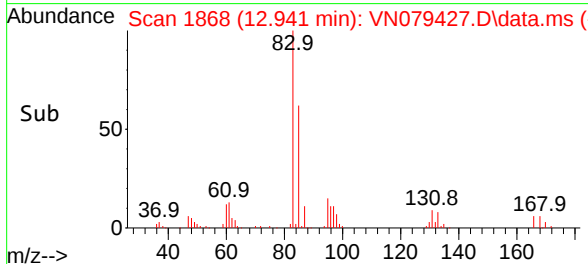
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 10125
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 63.6 31.9 95.7

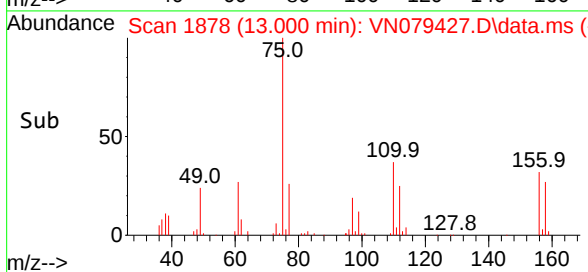
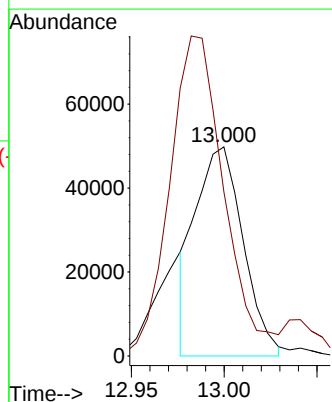
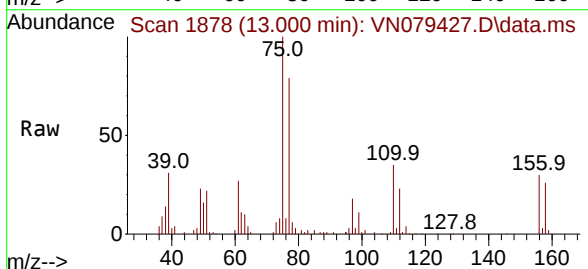
Manual Integrations
APPROVED

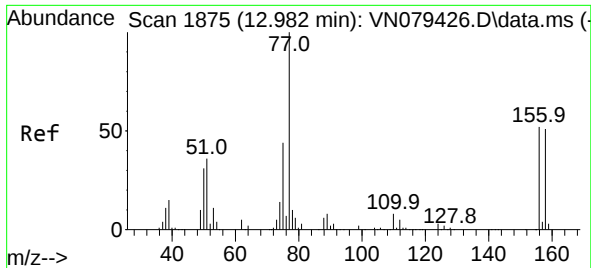
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#76
1,2,3-Trichloropropane
Concen: 18.721 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

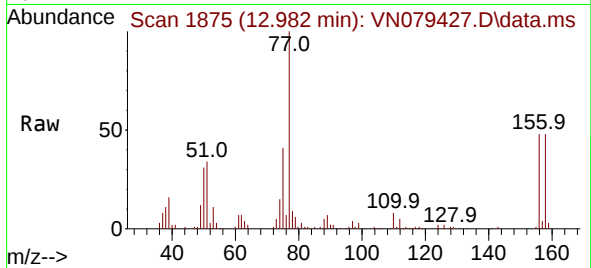
Tgt Ion: 75 Resp: 88716
Ion Ratio Lower Upper
75 100
77 175.2 84.5 253.5





#77
Bromobenzene
Concen: 18.053 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

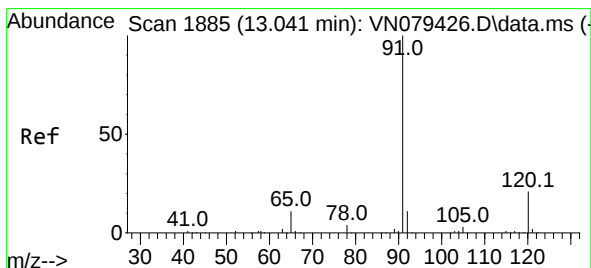
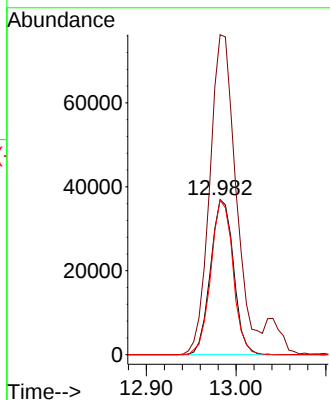
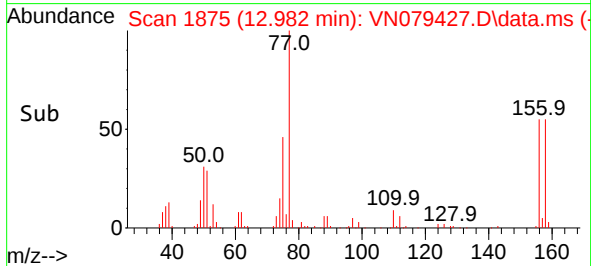
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



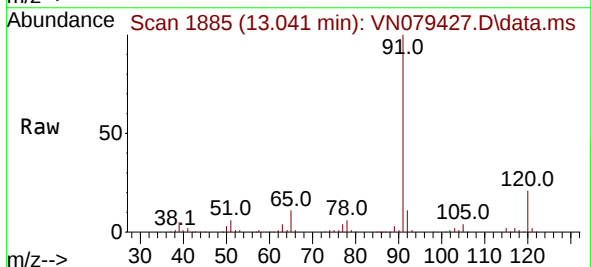
Tgt Ion:156 Resp: 65850
Ion Ratio Lower Upper
156 100
77 236.1 107.7 323.3
158 96.1 48.4 145.3

Manual Integrations
APPROVED

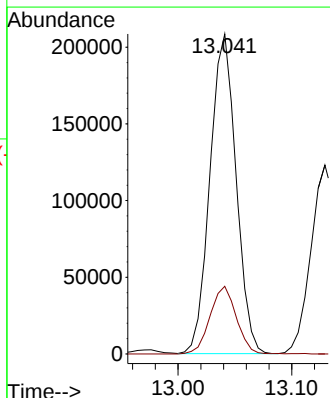
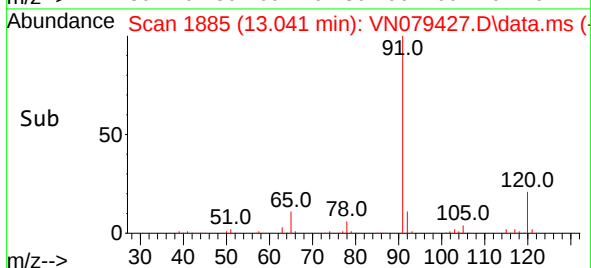
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

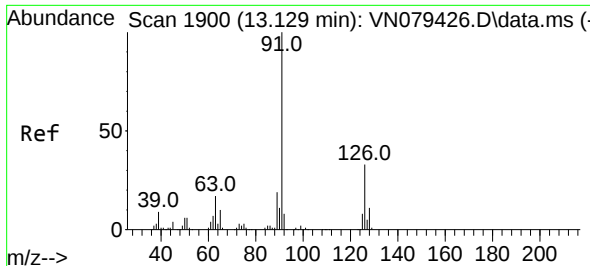


#78
n-propylbenzene
Concen: 19.794 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14



Tgt Ion: 91 Resp: 333171
Ion Ratio Lower Upper
91 100
120 21.2 11.5 34.4





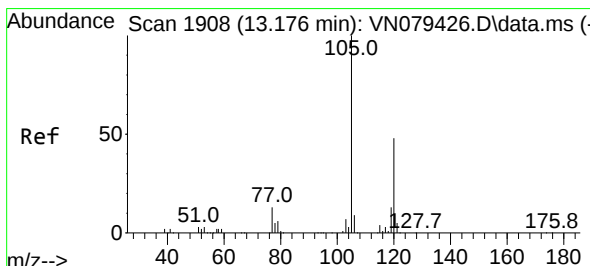
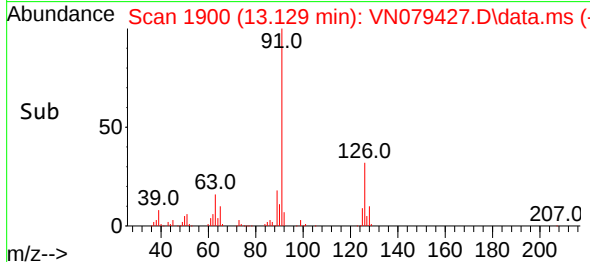
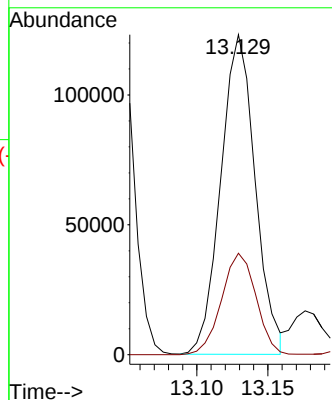
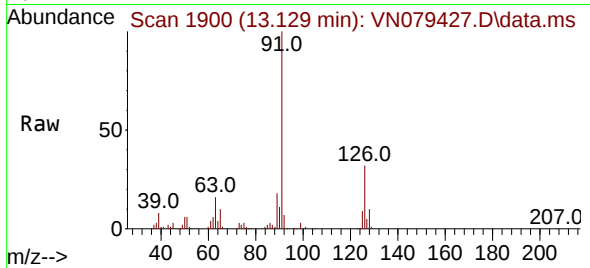
#79
2-Chlorotoluene
Concen: 19.278 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 207638
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.8

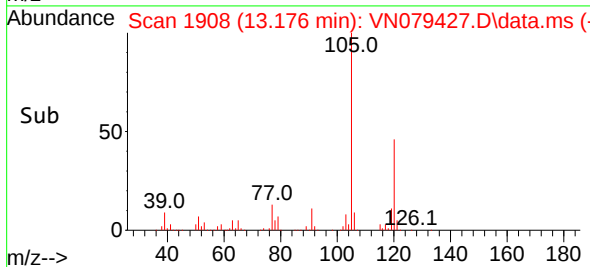
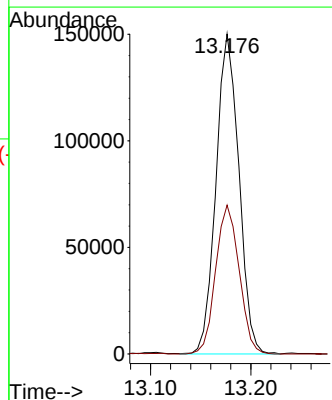
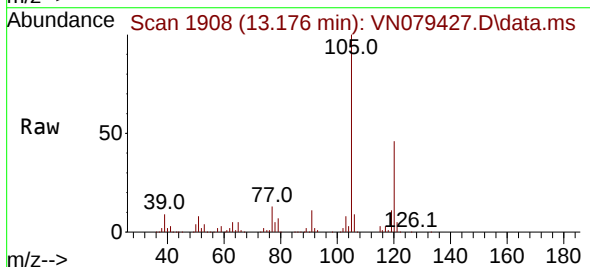
Manual Integrations
APPROVED

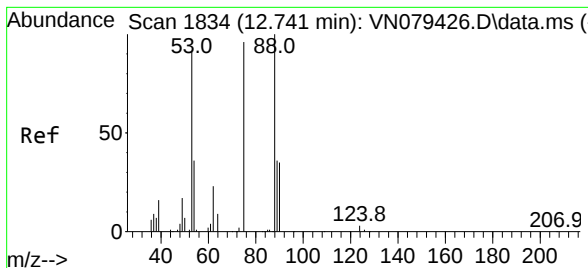
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.259 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

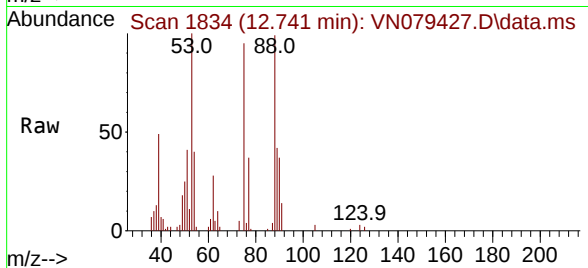
Tgt Ion:105 Resp: 237665
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.928 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

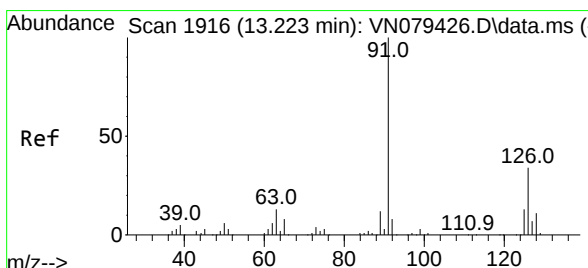
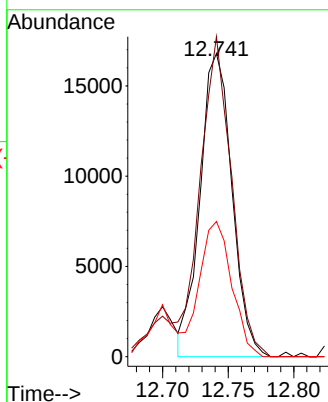
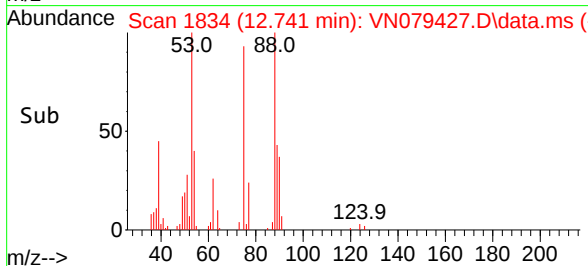
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



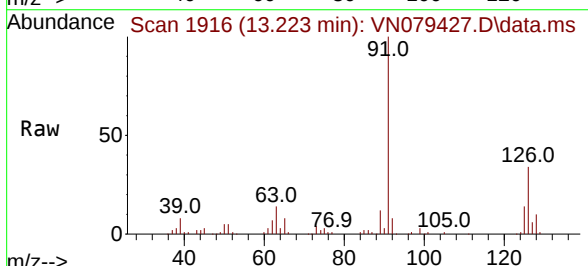
Tgt Ion: 75 Resp: 2848
Ion Ratio Lower Upper
75 100
53 105.0 67.4 101.2
89 45.7 38.8 58.2

Manual Integrations
APPROVED

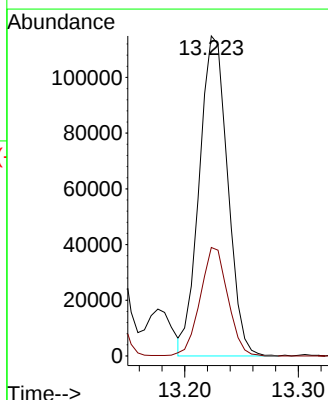
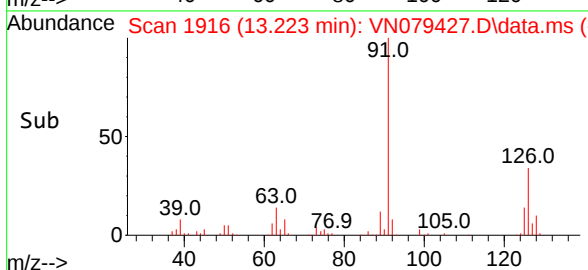
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

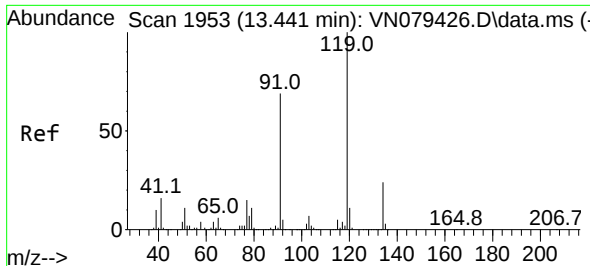


#82
4-Chlorotoluene
Concen: 19.489 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14



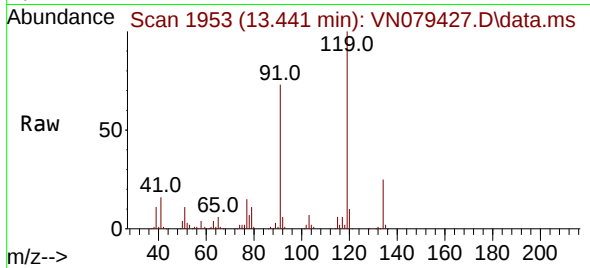
Tgt Ion: 91 Resp: 199744
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.520 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

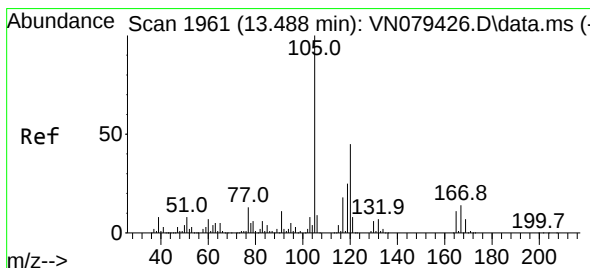
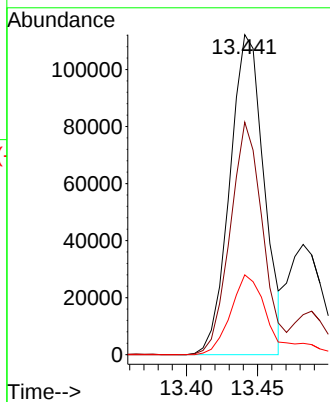
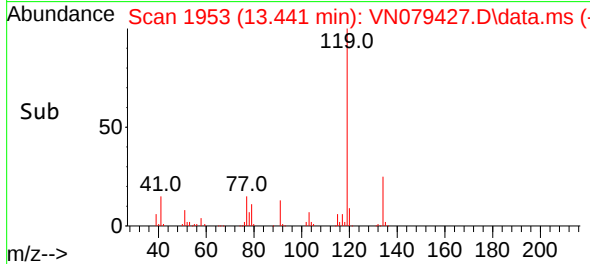
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



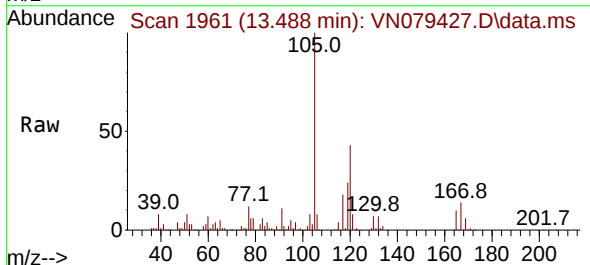
Tgt Ion:119 Resp: 187615
Ion Ratio Lower Upper
119 100
91 69.6 33.9 101.7
134 28.1 13.2 39.6

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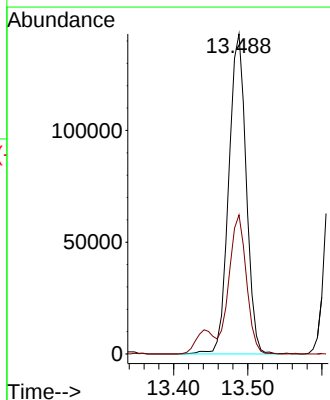
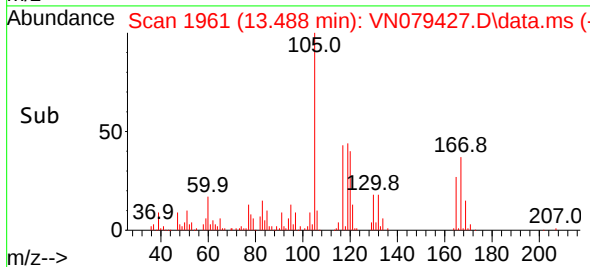
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.835 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14



Tgt Ion:105 Resp: 233260
Ion Ratio Lower Upper
105 100
120 43.2 22.0 66.0





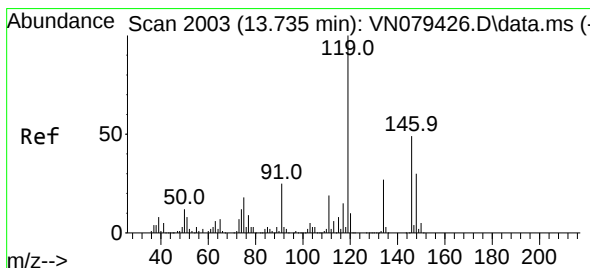
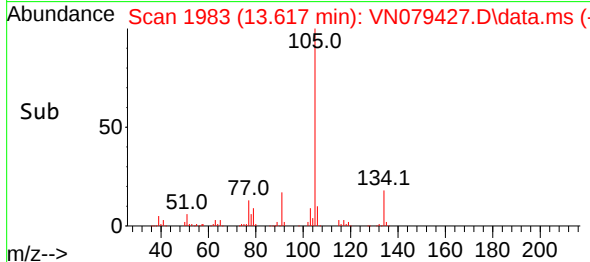
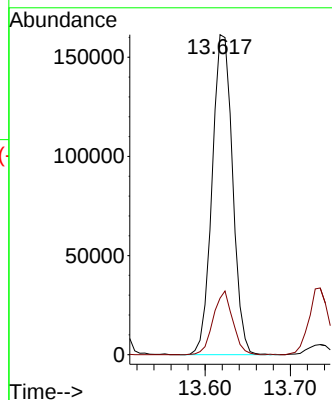
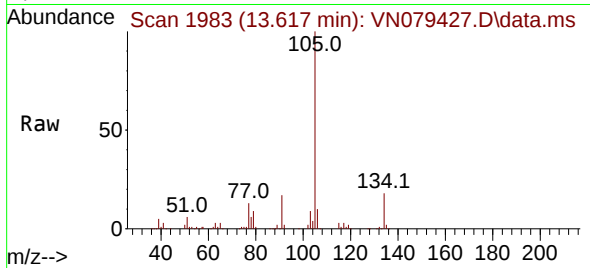
#85
 sec-Butylbenzene
 Concen: 20.038 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079427.D
 Acq: 05 Oct 2023 18:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 26863
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3

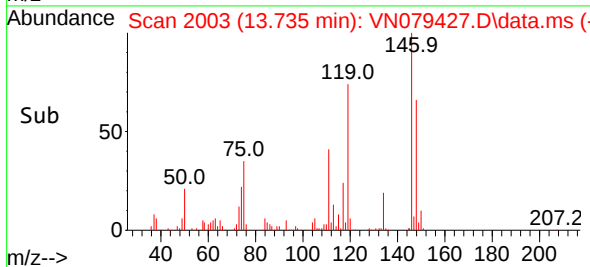
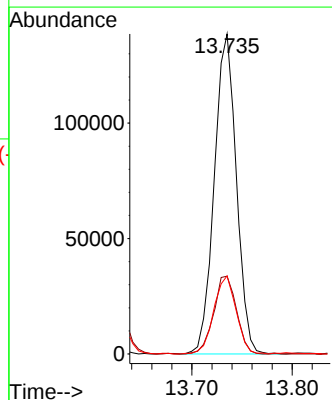
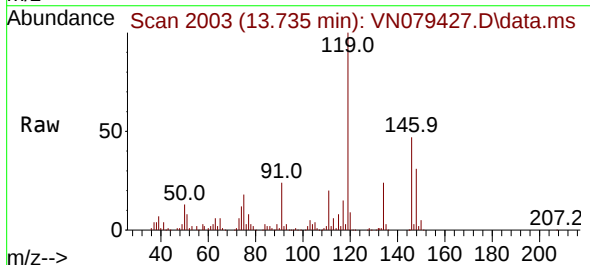
Manual Integrations
 APPROVED

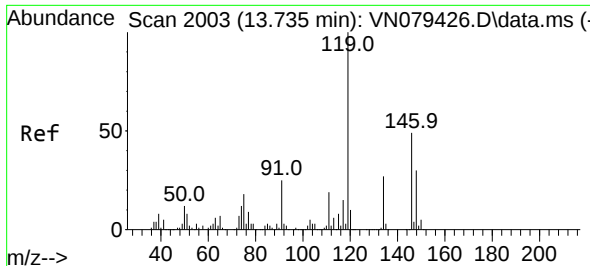
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#86
 p-Isopropyltoluene
 Concen: 20.606 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079427.D
 Acq: 05 Oct 2023 18:14

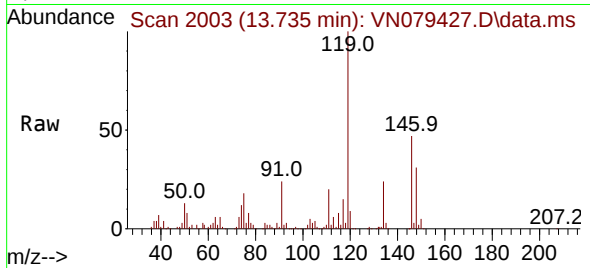
Tgt Ion:119 Resp: 211933
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 24.6 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 19.310 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079427.D
 Acq: 05 Oct 2023 18:14

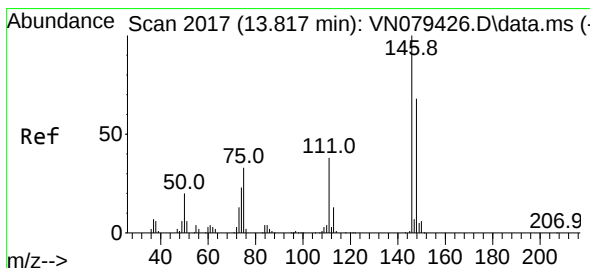
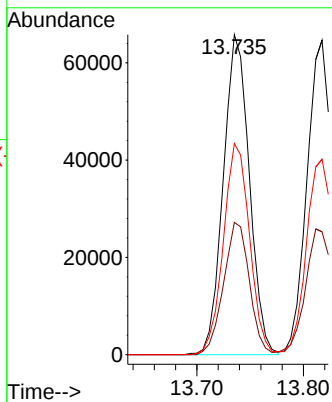
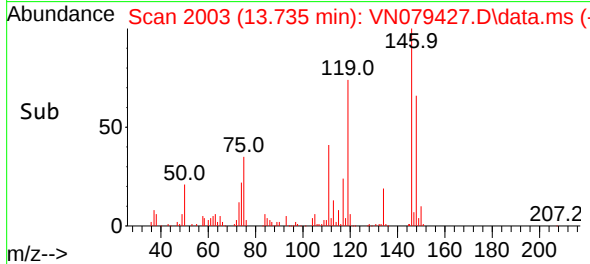
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



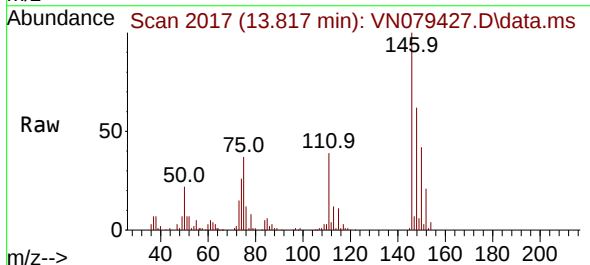
Tgt Ion:146 Resp: 11172
 Ion Ratio Lower Upper
 146 100
 111 40.9 22.1 66.3
 148 66.7 32.0 96.0

Manual Integrations
 APPROVED

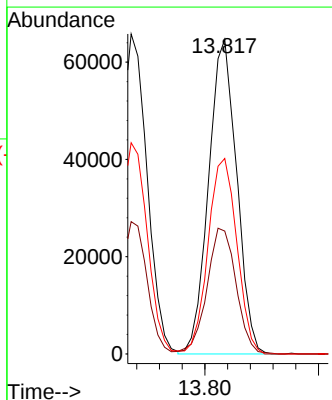
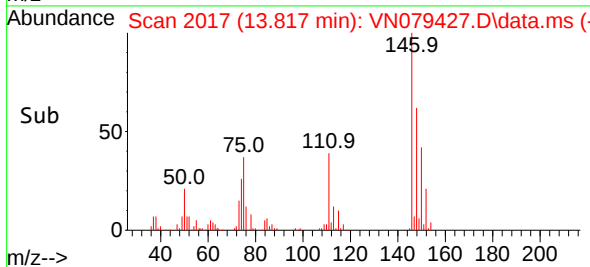
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023

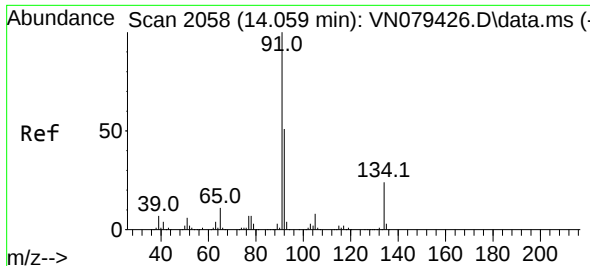


#88
 1,4-Dichlorobenzene
 Concen: 18.604 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN079427.D
 Acq: 05 Oct 2023 18:14



Tgt Ion:146 Resp: 111145
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.6 61.8
 148 63.5 31.6 94.8





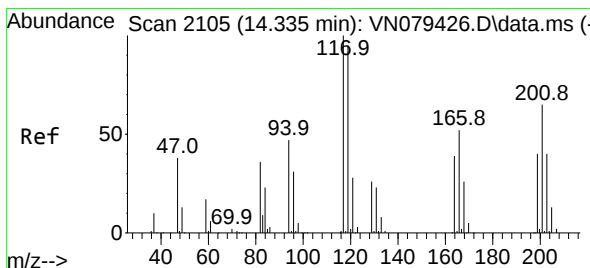
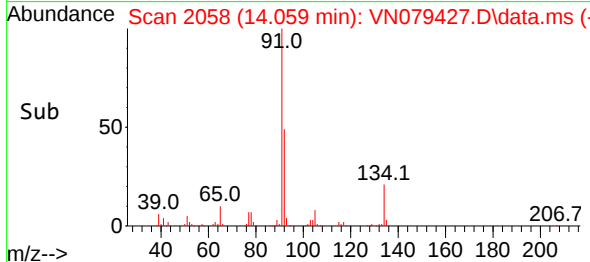
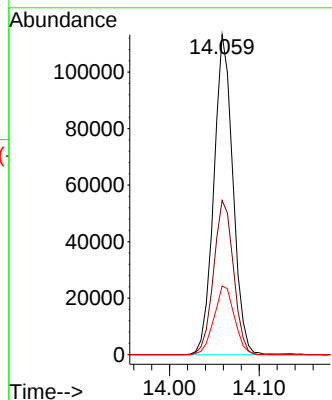
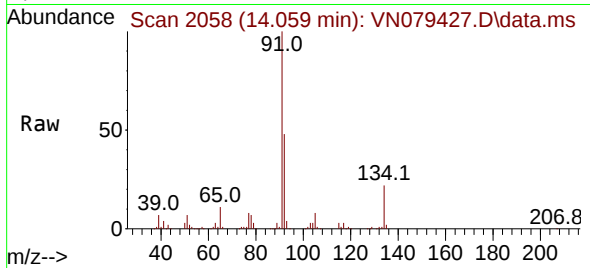
#89
n-Butylbenzene
Concen: 20.391 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 167468
Ion Ratio Lower Upper
91 100
92 50.1 26.4 79.0
134 23.0 12.6 37.6

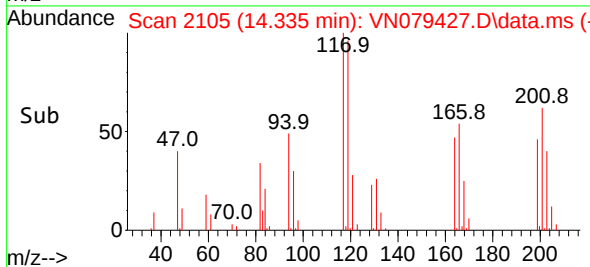
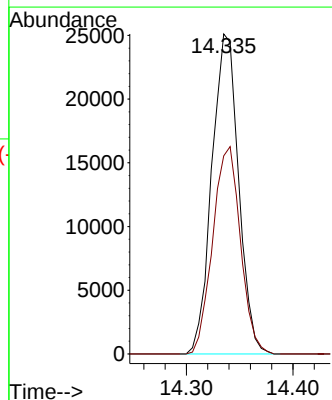
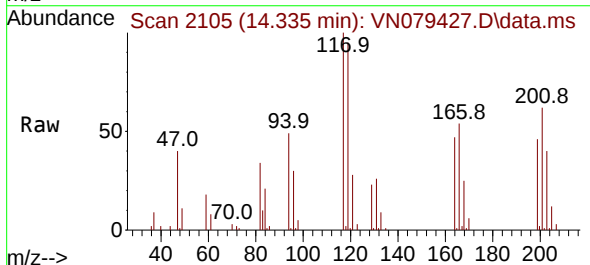
Manual Integrations
APPROVED

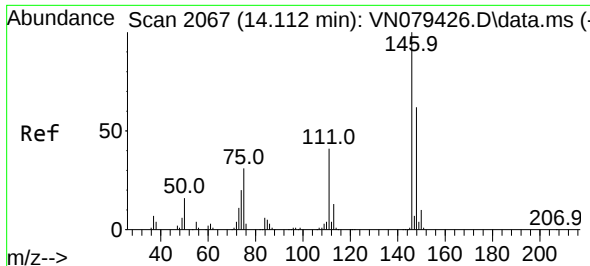
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#90
Hexachloroethane
Concen: 20.325 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

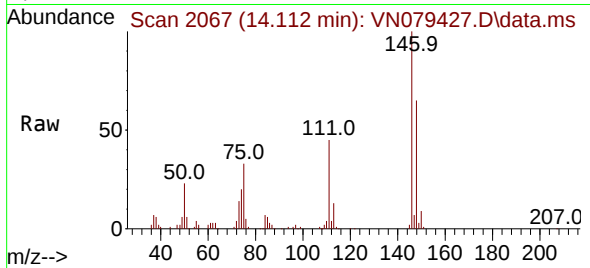
Tgt Ion:117 Resp: 43733
Ion Ratio Lower Upper
117 100
201 67.1 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 20.154 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

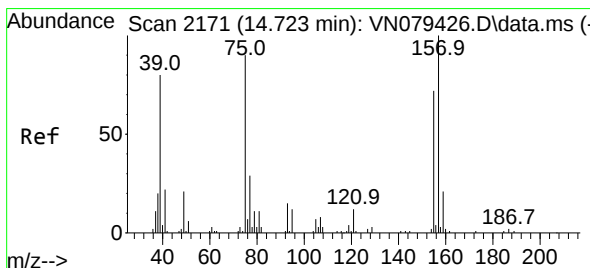
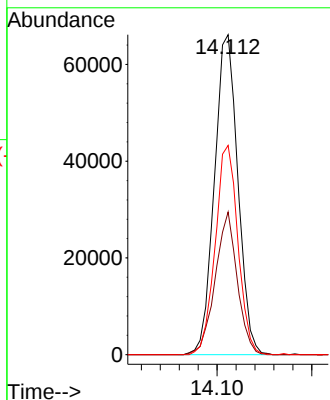
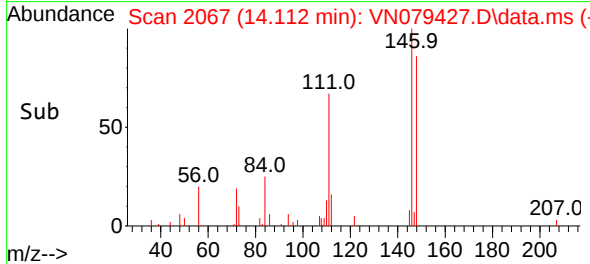
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



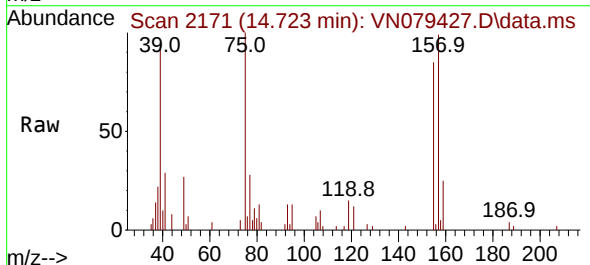
Tgt Ion:146 Resp: 11374
Ion Ratio Lower Upper
146 100
111 42.1 22.0 66.0
148 63.2 31.8 95.3

Manual Integrations
APPROVED

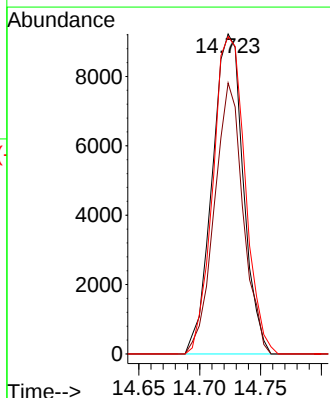
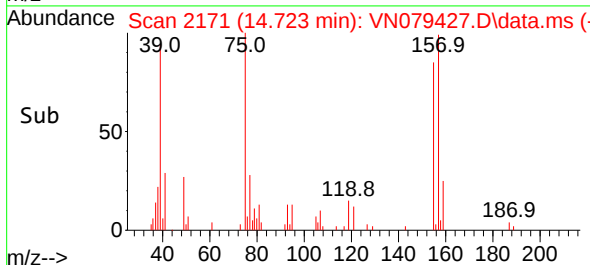
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

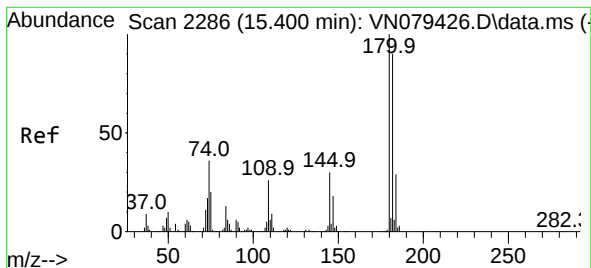


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.023 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14



Tgt Ion: 75 Resp: 16365
Ion Ratio Lower Upper
75 100
155 78.7 39.1 117.2
157 102.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 20.994 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN079427.D

Acq: 05 Oct 2023 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

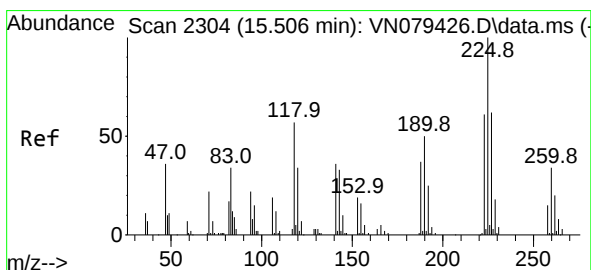
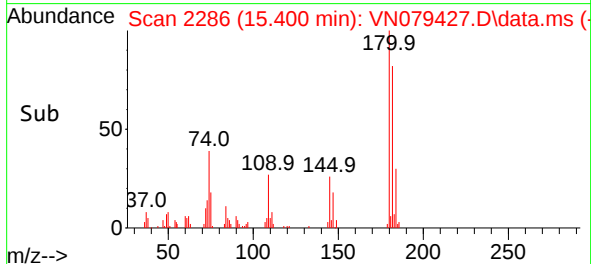
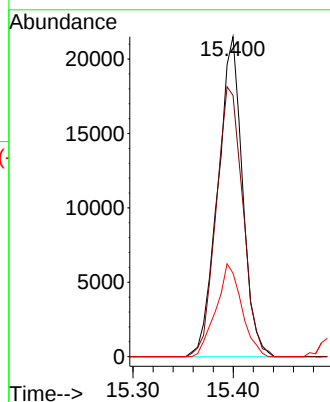
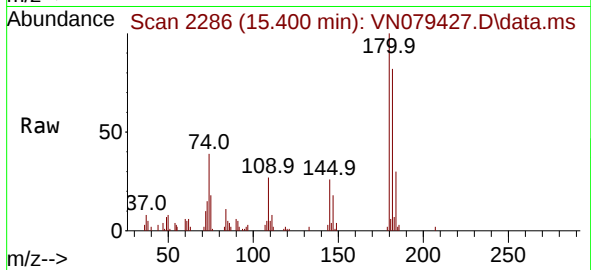
Tgt Ion:	180	Resp:	36690
Ion Ratio	Lower	Upper	
180	100		
182	91.2	46.1	138.2
145	30.1	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#94

Hexachlorobutadiene

Concen: 19.353 ug/l

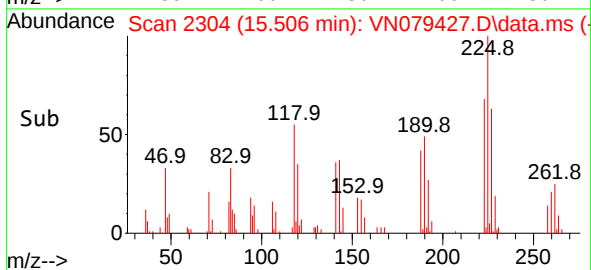
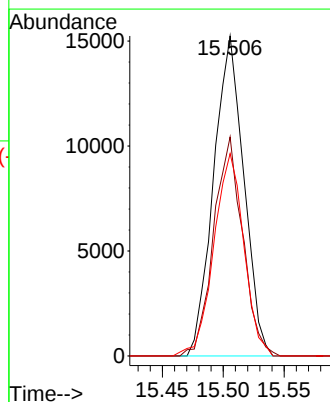
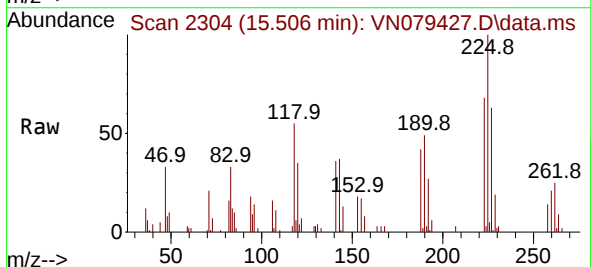
RT: 15.506 min Scan# 2304

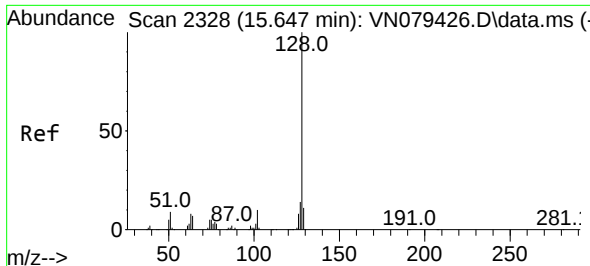
Delta R.T. -0.000 min

Lab File: VN079427.D

Acq: 05 Oct 2023 18:14

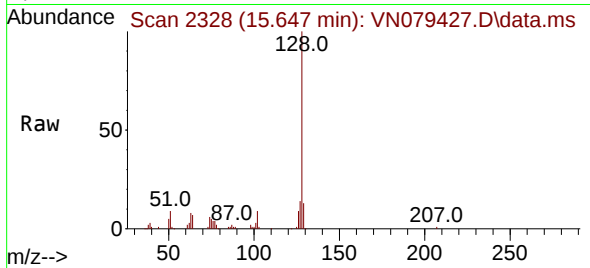
Tgt Ion:	225	Resp:	26346
Ion Ratio	Lower	Upper	
225	100		
223	65.6	31.3	93.8
227	62.7	31.9	95.9





#95
Naphthalene
Concen: 19.372 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14

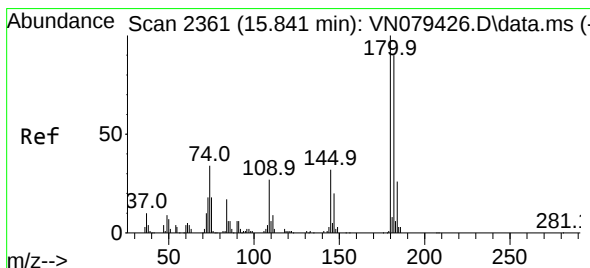
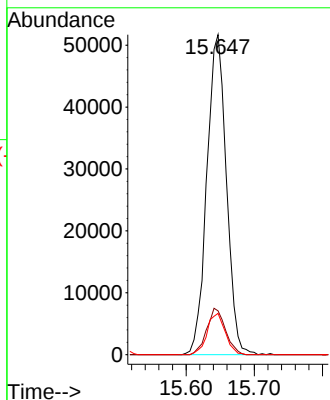
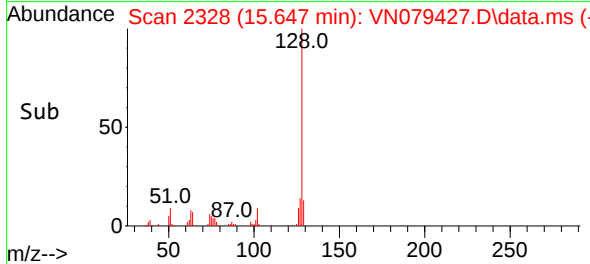
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



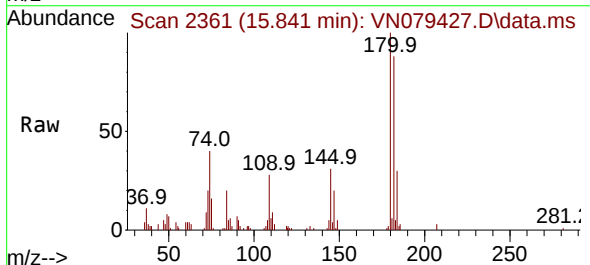
Tgt Ion:128 Resp: 103390
Ion Ratio Lower Upper
128 100
127 13.9 10.0 15.0
129 12.0 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.005 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN079427.D
Acq: 05 Oct 2023 18:14



Tgt Ion:180 Resp: 41728
Ion Ratio Lower Upper
180 100
182 94.0 46.2 138.6
145 34.4 17.5 52.6

