

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101323\
 Data File : VN079563.D
 Acq On : 13 Oct 2023 11:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 13 23:28:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	238696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	424995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	387505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	196786	50.846	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.700%
35) Dibromofluoromethane	8.171	113	158284	51.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.660%
50) Toluene-d8	10.571	98	588206	53.227	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.460%
62) 4-Bromofluorobenzene	12.853	95	194558	54.860	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	172019	50.292	ug/l	99
3) Chloromethane	2.365	50	192817	45.179	ug/l	99
4) Vinyl Chloride	2.518	62	220829	49.745	ug/l	99
5) Bromomethane	2.936	94	143696	54.072	ug/l	92
6) Chloroethane	3.112	64	146360	43.732	ug/l	97
7) Trichlorofluoromethane	3.495	101	263594	50.291	ug/l	99
8) Diethyl Ether	3.965	74	95842	51.292	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.377	101	153990	50.275	ug/l	97
10) Methyl Iodide	4.589	142	171500	64.525	ug/l	96
11) Tert butyl alcohol	5.518	59	126292	216.808	ug/l #	84
12) 1,1-Dichloroethene	4.348	96	142615	50.569	ug/l	89
13) Acrolein	4.177	56	174363	300.618	ug/l	94
14) Allyl chloride	5.024	41	223426	49.092	ug/l	92
15) Acrylonitrile	5.718	53	420908	249.238	ug/l	99
16) Acetone	4.430	43	390052	254.093	ug/l	98
17) Carbon Disulfide	4.712	76	393985	44.786	ug/l	100
18) Methyl Acetate	5.024	43	344066	45.794	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	489816	53.453	ug/l #	88
20) Methylene Chloride	5.277	84	171846	51.135	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	156431	47.491	ug/l	85
22) Diisopropyl ether	6.671	45	552153	54.104	ug/l #	90
23) Vinyl Acetate	6.606	43	1547721	269.616	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	314681	50.383	ug/l	95
25) 2-Butanone	7.489	43	571593	250.876	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	261311	54.746	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	184727	51.623	ug/l	85
28) Bromochloromethane	7.818	49	127190	42.800	ug/l #	73
29) Tetrahydrofuran	7.841	42	368561	250.120	ug/l #	75
30) Chloroform	7.971	83	321558	50.955	ug/l	98
31) Cyclohexane	8.259	56	256307	46.687	ug/l	86
32) 1,1,1-Trichloroethane	8.177	97	272869	51.381	ug/l	95
36) 1,1-Dichloropropene	8.371	75	239338	52.213	ug/l	95
37) Ethyl Acetate	7.565	43	232887	51.059	ug/l #	90
38) Carbon Tetrachloride	8.365	117	237177	51.685	ug/l	98
39) Methylcyclohexane	9.606	83	224183	50.904	ug/l #	87
40) Benzene	8.612	78	704919	51.782	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	119479	49.826	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	251984	50.941	ug/l	97
43) Isopropyl Acetate	8.694	43	401540	50.250	ug/l #	88
44) Trichloroethene	9.359	130	161725	50.474	ug/l	95
45) 1,2-Dichloropropane	9.624	63	188258	52.486	ug/l	96
46) Dibromomethane	9.712	93	120967	52.073	ug/l	96
47) Bromodichloromethane	9.888	83	258141	54.021	ug/l	98
48) Methyl methacrylate	9.682	41	180729	52.779	ug/l #	81
49) 1,4-Dioxane	9.694	88	66990	1062.101	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1168923	259.136	ug/l	89
52) Toluene	10.635	92	431757	53.880	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	268780	55.815	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	289173	54.855	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	169716	52.755	ug/l	96
56) Ethyl methacrylate	10.877	69	256062	57.924	ug/l #	82
57) 1,3-Dichloropropane	11.171	76	300536	54.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	524741	309.954	ug/l #	88
59) 2-Hexanone	11.200	43	854575	262.537	ug/l	87
60) Dibromochloromethane	11.365	129	179268	55.445	ug/l	100
61) 1,2-Dibromoethane	11.471	107	164901	51.651	ug/l	97
64) Tetrachloroethene	11.106	164	130451	48.936	ug/l	98
65) Chlorobenzene	11.894	112	446120	51.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	170838	54.067	ug/l	98
67) Ethyl Benzene	11.965	91	828973	55.266	ug/l	96
68) m/p-Xylenes	12.076	106	623724	114.444	ug/l	96
69) o-Xylene	12.400	106	297513	55.508	ug/l	94
70) Styrene	12.418	104	496118	58.601	ug/l	97
71) Bromoform	12.582	173	120954	52.303	ug/l #	98
73) Isopropylbenzene	12.700	105	762725	47.873	ug/l	100
74) N-amyl acetate	12.500	43	318132	48.707	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	252335	49.046	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	305986	61.969	ug/l	72
77) Bromobenzene	12.982	156	174527	44.675	ug/l	94
78) n-propylbenzene	13.041	91	912565	50.625	ug/l	97
79) 2-Chlorotoluene	13.129	91	542469	47.029	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	626280	49.850	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	76725	45.086	ug/l #	85
82) 4-Chlorotoluene	13.223	91	538210	49.034	ug/l	99
83) tert-Butylbenzene	13.441	119	498589	48.439	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	630093	52.553	ug/l	100
85) sec-Butylbenzene	13.618	105	718290	50.030	ug/l	99
86) p-Isopropyltoluene	13.735	119	582373	52.875	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	314828	50.811	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	306472	47.903	ug/l	99
89) n-Butylbenzene	14.059	91	476520	54.178	ug/l	98
90) Hexachloroethane	14.335	117	112466	50.303	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	302537	50.057	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39741	43.137	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	101406	54.174	ug/l	96
94) Hexachlorobutadiene	15.506	225	66394	45.541	ug/l	98
95) Naphthalene	15.647	128	275291	48.161	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	108338	48.500	ug/l	98

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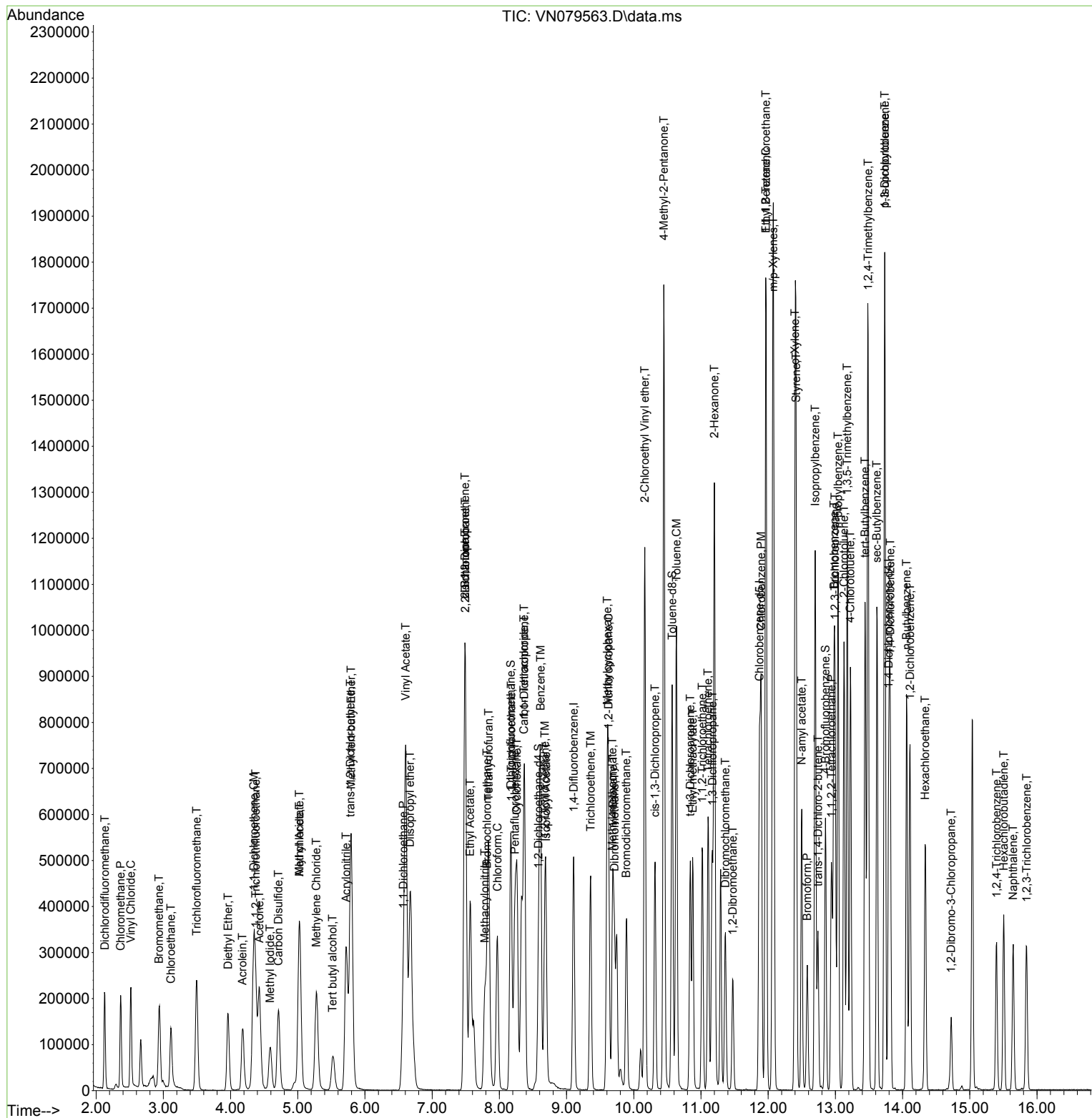
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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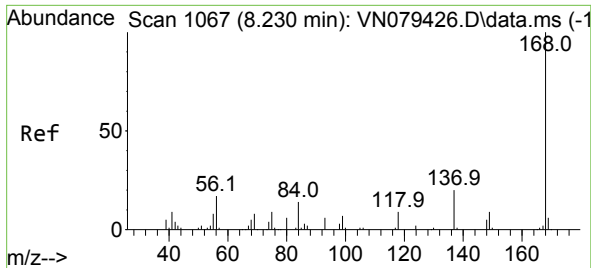
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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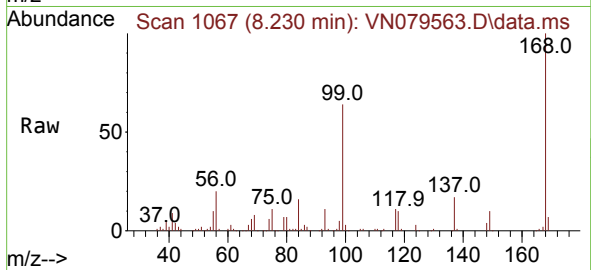
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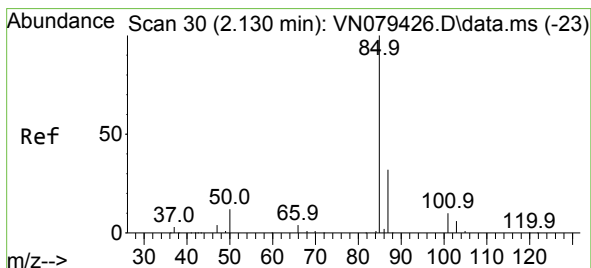
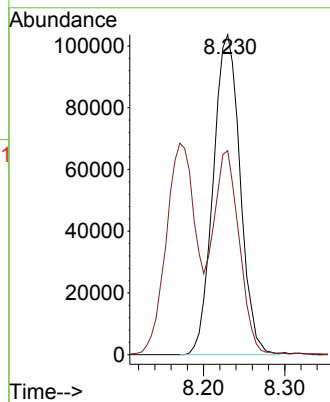
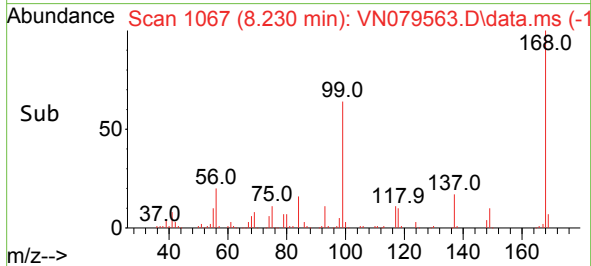


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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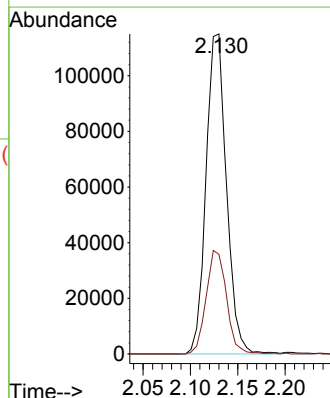
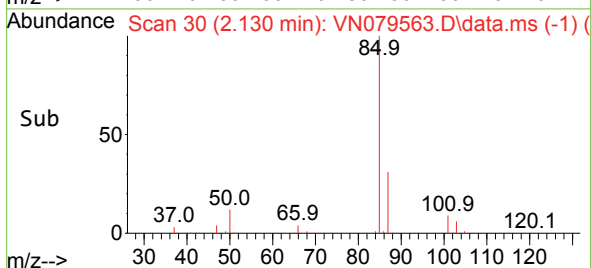
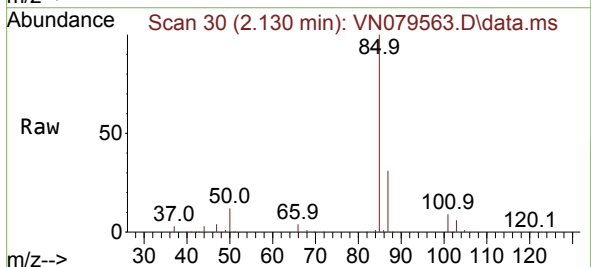


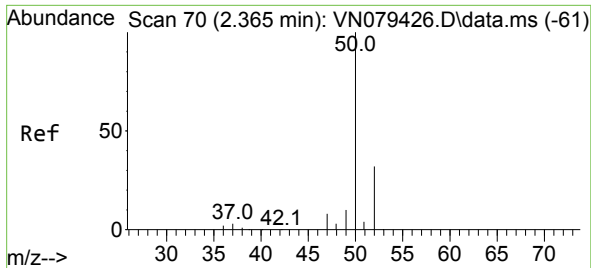
Tgt Ion:168 Resp: 238696
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 50.292 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion: 85 Resp: 172019
Ion Ratio Lower Upper
85 100
87 31.1 15.8 47.4

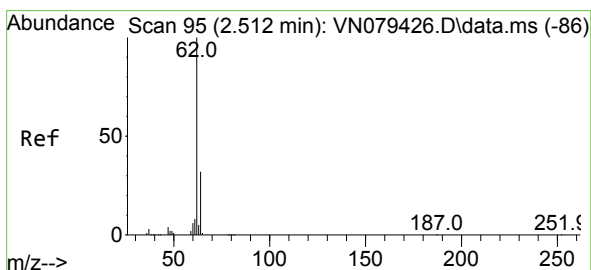
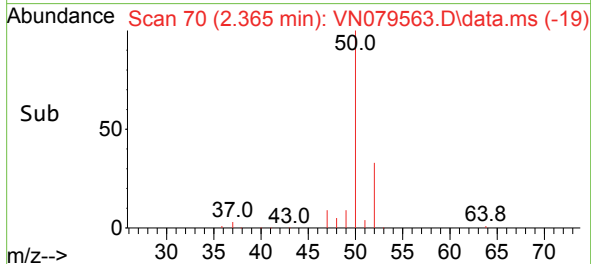
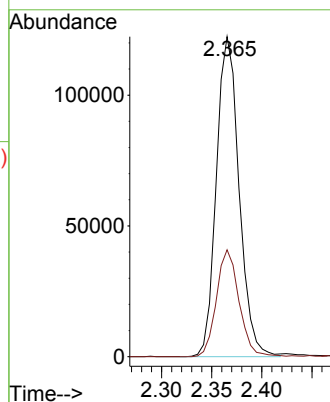
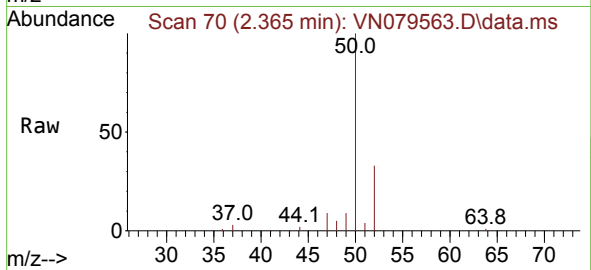




#3
Chloromethane
Concen: 45.179 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

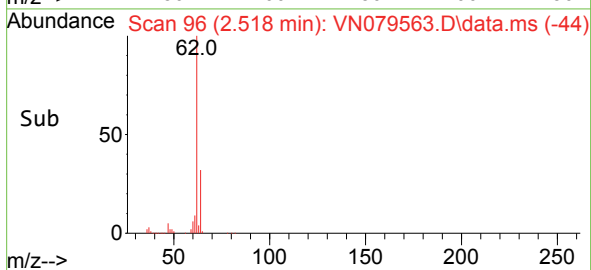
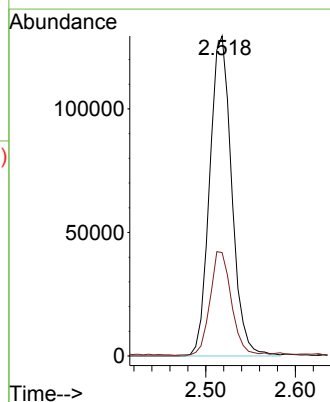
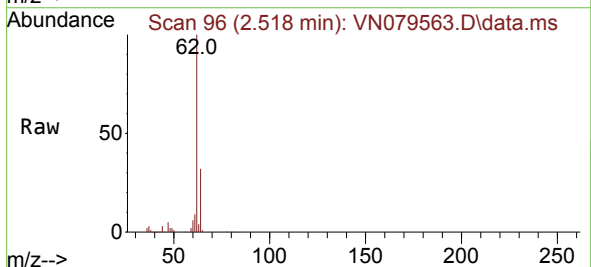
Instrument :
MSVOA_N
ClientSampleId :

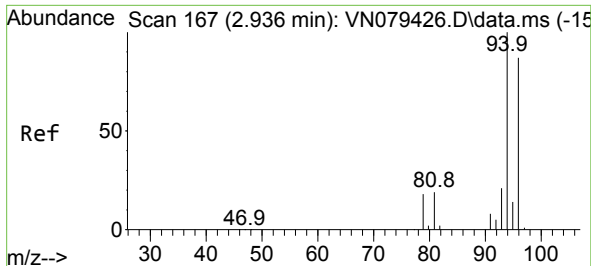
Tgt Ion: 50 Resp: 192817
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7



#4
Vinyl Chloride
Concen: 49.745 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

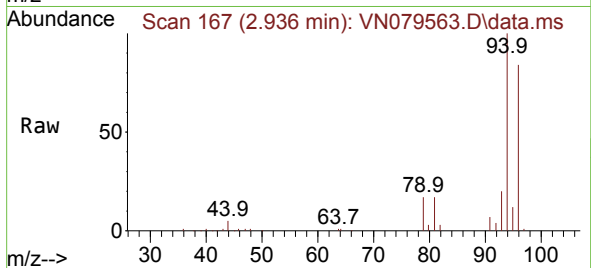
Tgt Ion: 62 Resp: 220829
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2



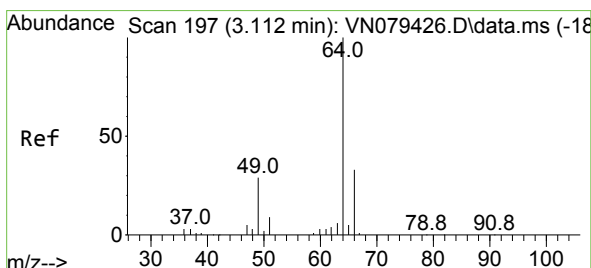
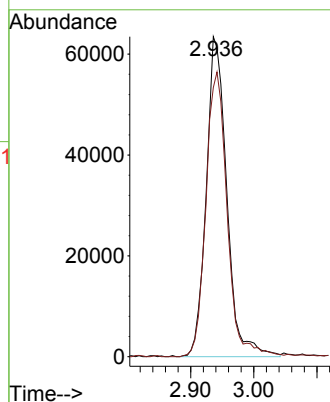
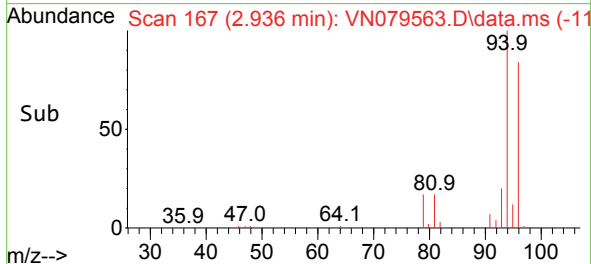


#5
Bromomethane
Concen: 54.072 ug/l
RT: 2.936 min Scan# 167
Delta R.T. 0.000 min
Lab File: VN079563.D
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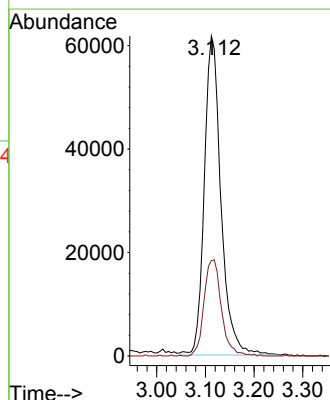
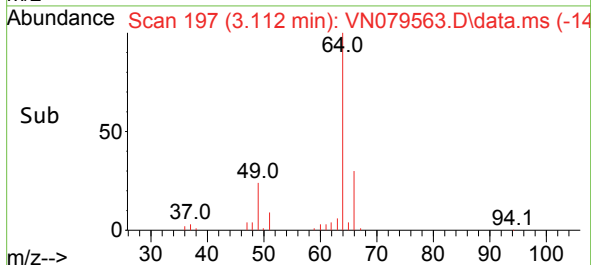
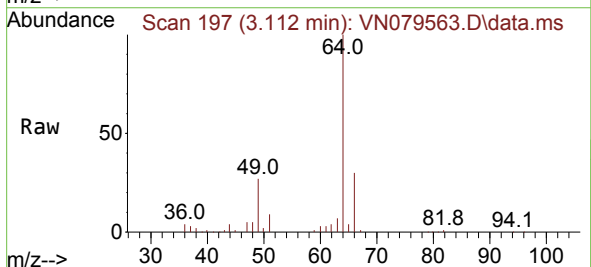


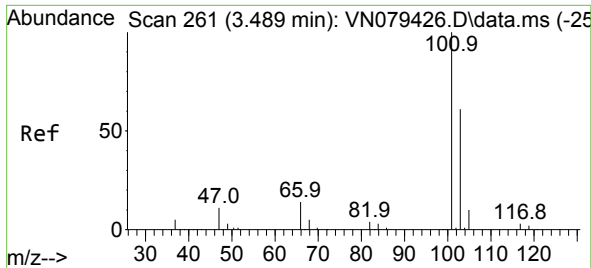
Tgt Ion: 94 Resp: 143696
Ion Ratio Lower Upper
94 100
96 84.1 73.1 109.7



#6
Chloroethane
Concen: 43.732 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion: 64 Resp: 146360
Ion Ratio Lower Upper
64 100
66 29.9 25.4 38.2

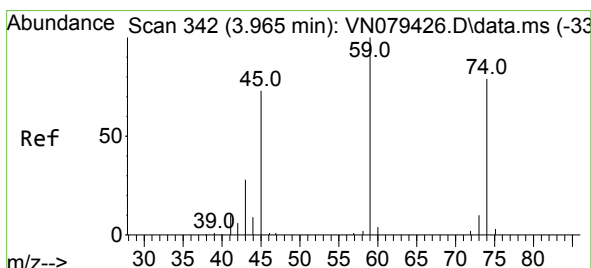
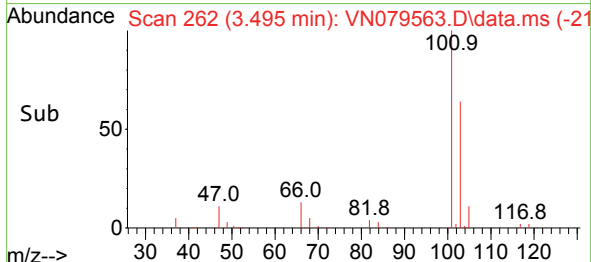
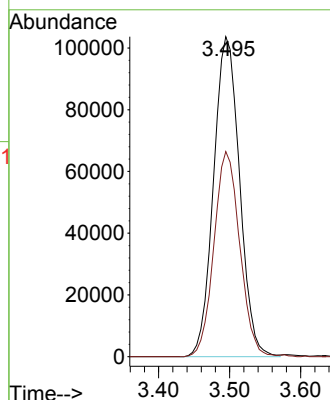
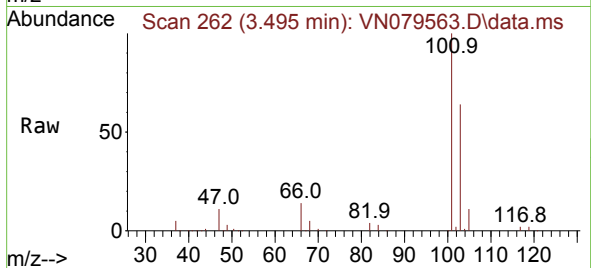




#7
 Trichlorofluoromethane
 Concen: 50.291 ug/l
 RT: 3.495 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN079563.D
 Acq: 13 Oct 2023 11:00

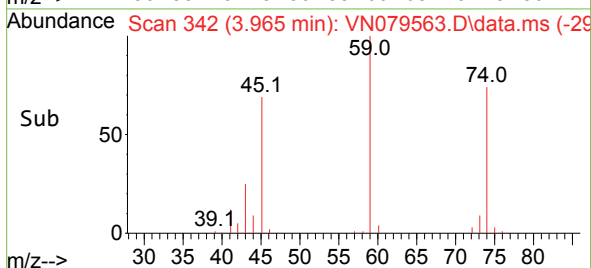
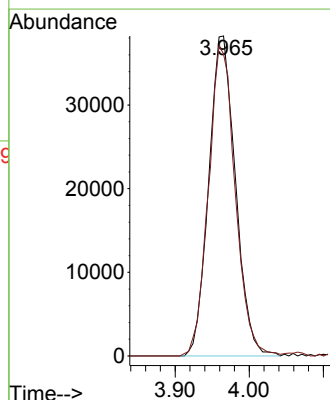
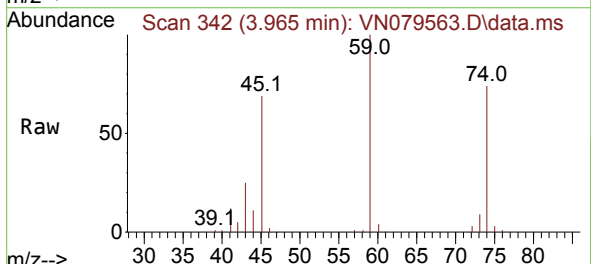
Instrument :
 MSVOA_N
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Tgt Ion:101 Resp: 263594
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.7 76.1



#8
 Diethyl Ether
 Concen: 51.292 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN079563.D
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Tgt Ion: 74 Resp: 95842
 Ion Ratio Lower Upper
 74 100
 45 97.3 34.4 103.3

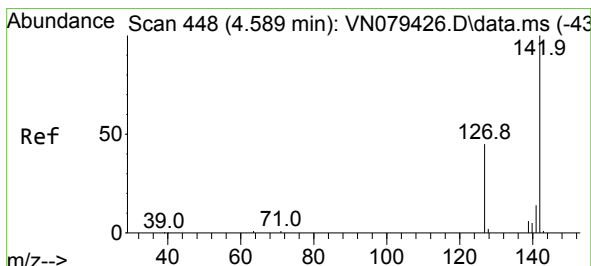
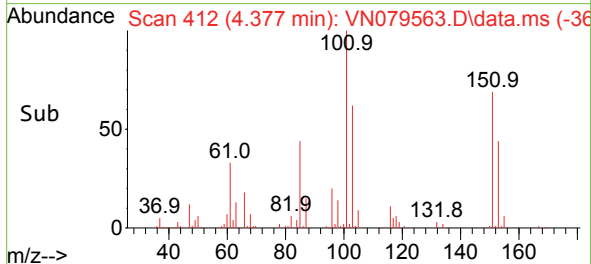
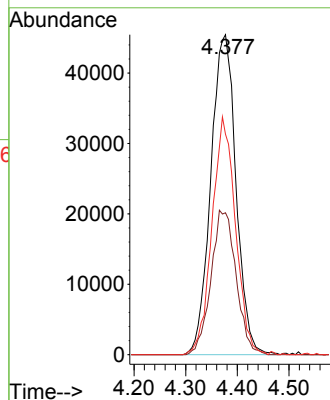
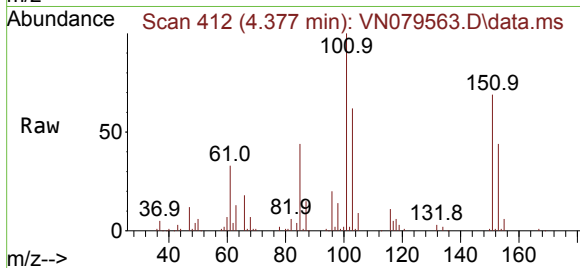




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.275 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

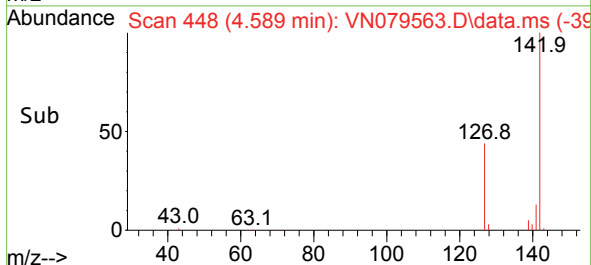
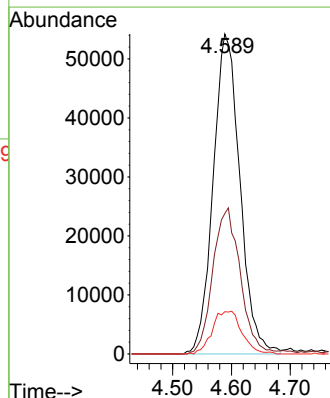
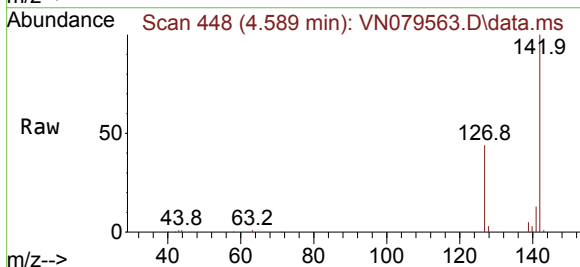
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 153990
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 69.2 57.6 86.4



#10
Methyl Iodide
Concen: 64.525 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

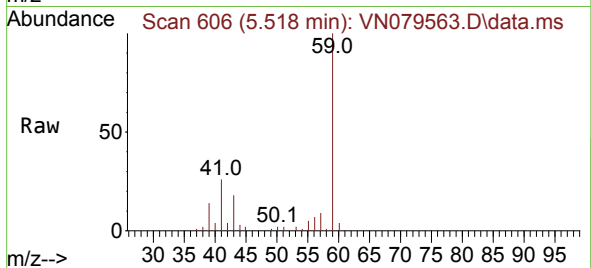
Tgt Ion:142 Resp: 171500
Ion Ratio Lower Upper
142 100
127 43.9 37.6 56.4
141 13.2 11.4 17.0



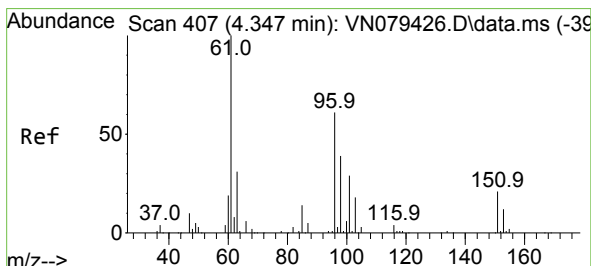
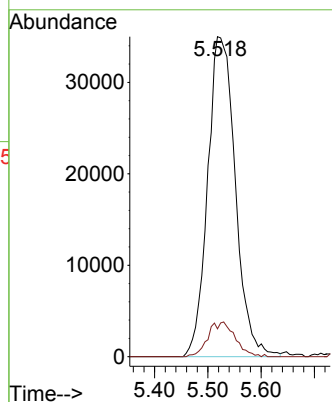
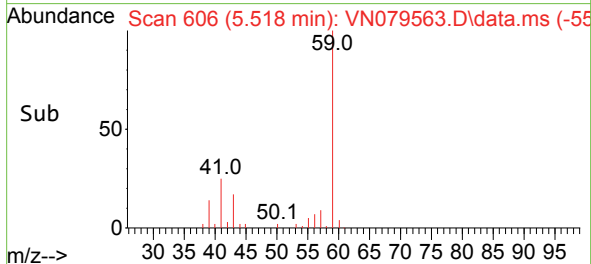


#11
Tert butyl alcohol
Concen: 216.808 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Instrument :
MSVOA_N
ClientSampleId :

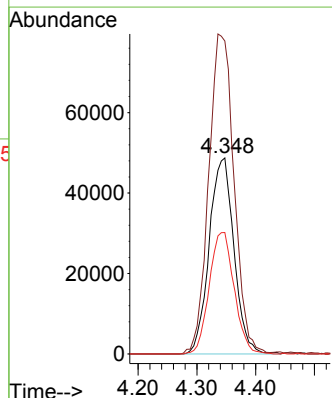
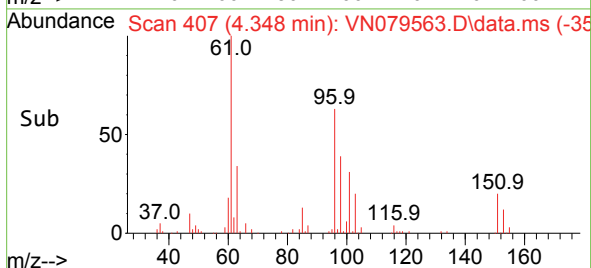
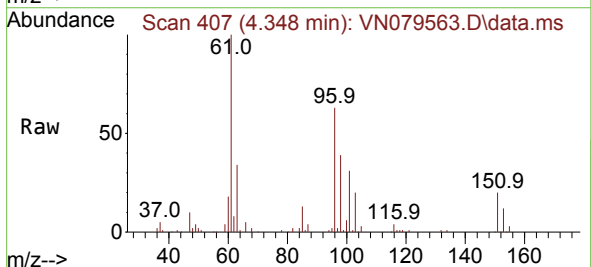


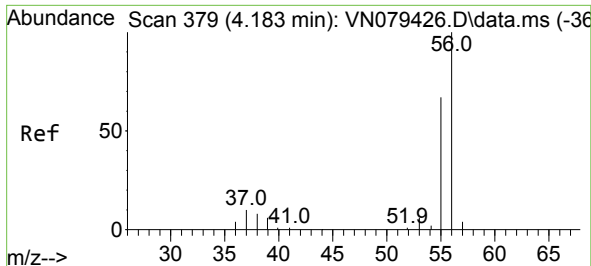
Tgt Ion: 59 Resp: 126292
Ion Ratio Lower Upper
59 100
57 4.4 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 50.569 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

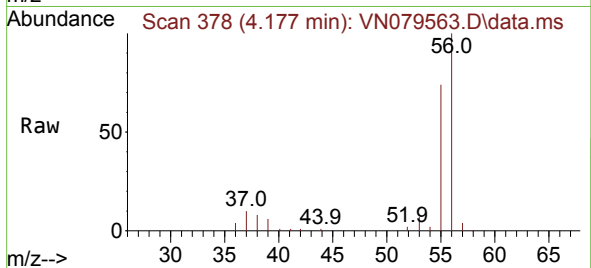
Tgt Ion: 96 Resp: 142615
Ion Ratio Lower Upper
96 100
61 159.7 112.7 169.1
98 62.0 51.2 76.8



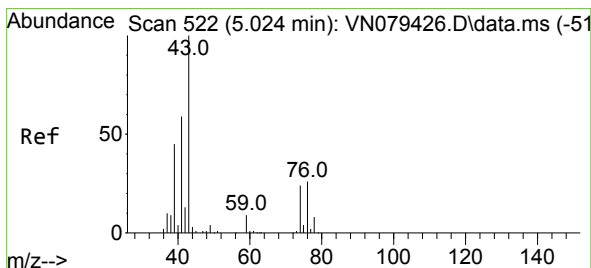
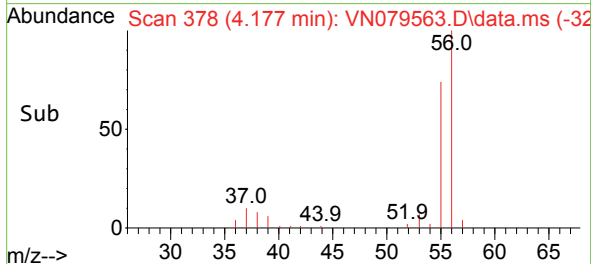
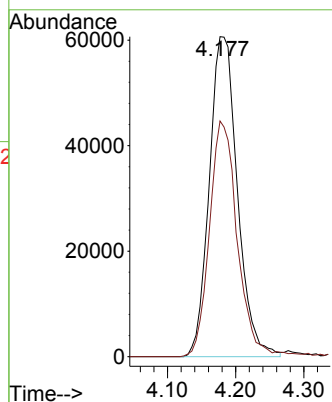


#13
Acrolein
Concen: 300.618 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Instrument :
MSVOA_N
ClientSampleId :

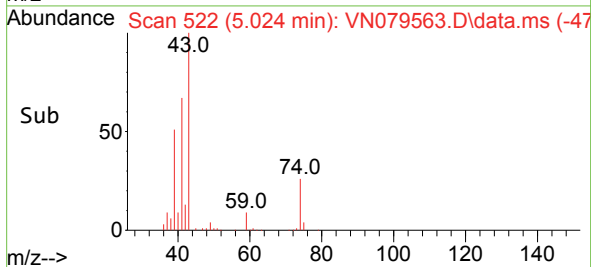
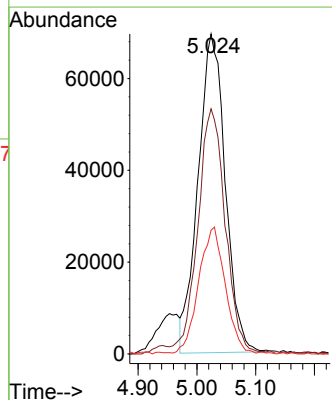
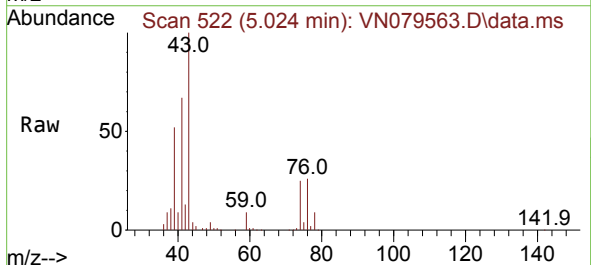


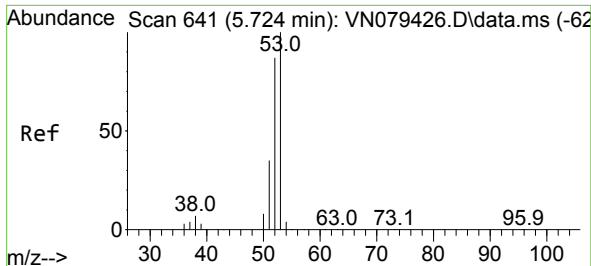
Tgt Ion: 56 Resp: 174363
Ion Ratio Lower Upper
56 100
55 73.2 54.5 81.7



#14
Allyl chloride
Concen: 49.092 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion: 41 Resp: 223426
Ion Ratio Lower Upper
41 100
39 76.6 58.8 88.2
76 39.3 39.1 58.7

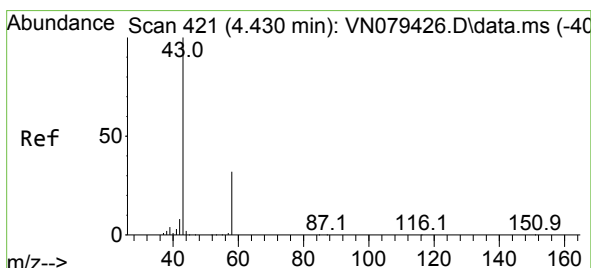
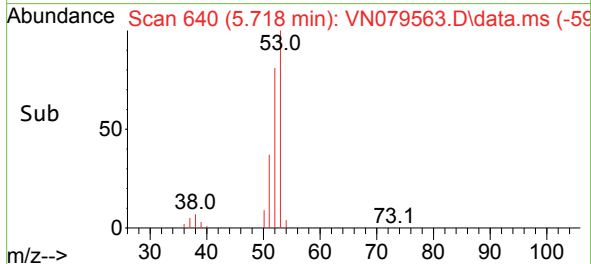
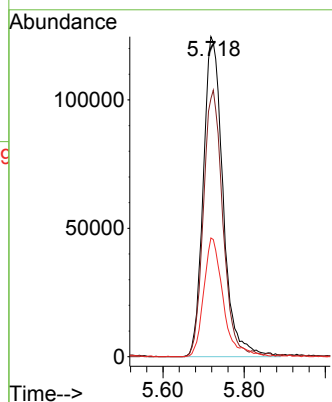
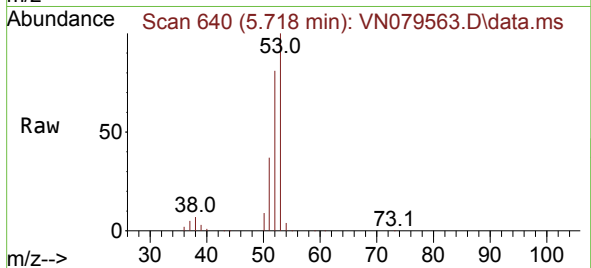




#15
Acrylonitrile
Concen: 249.238 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

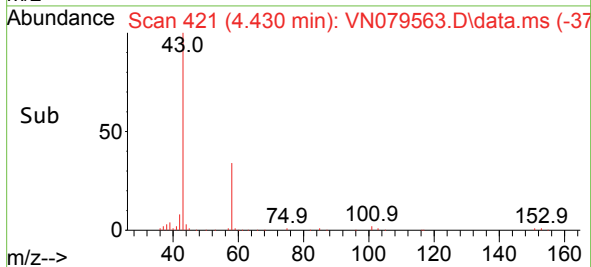
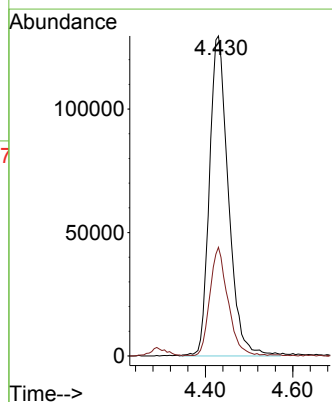
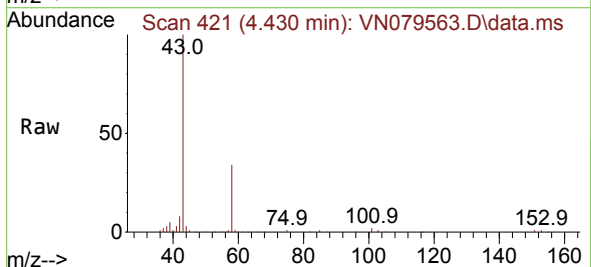
Instrument :
MSVOA_N
ClientSampleId :

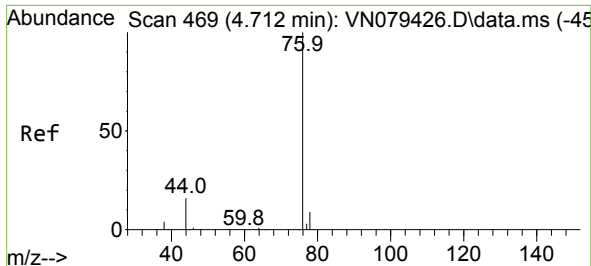
Tgt Ion: 53 Resp: 420908
Ion Ratio Lower Upper
53 100
52 81.2 65.3 97.9
51 36.5 28.9 43.3



#16
Acetone
Concen: 254.093 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion: 43 Resp: 390052
Ion Ratio Lower Upper
43 100
58 33.6 28.0 42.0

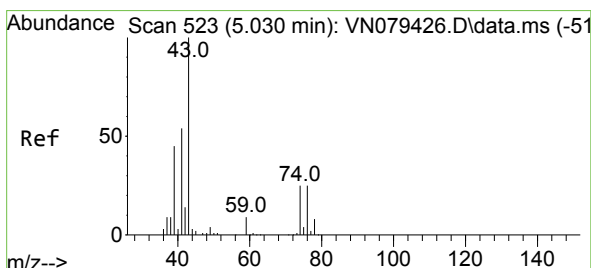
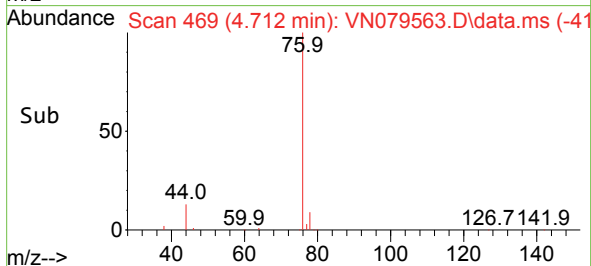
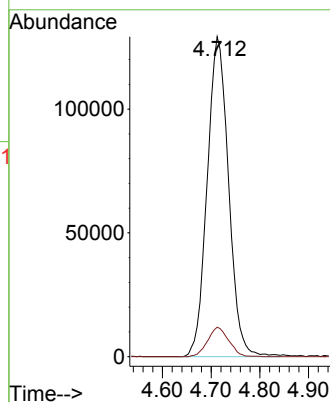
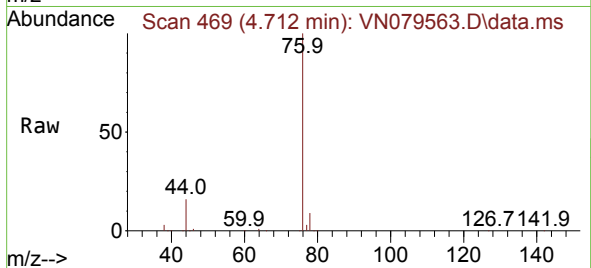




#17
Carbon Disulfide
Concen: 44.786 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

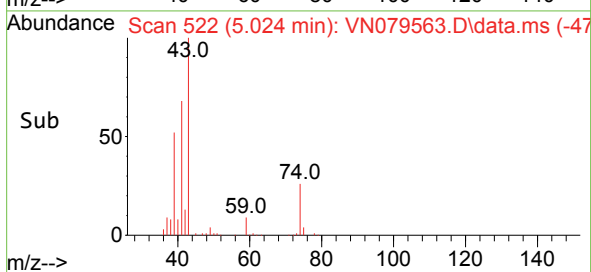
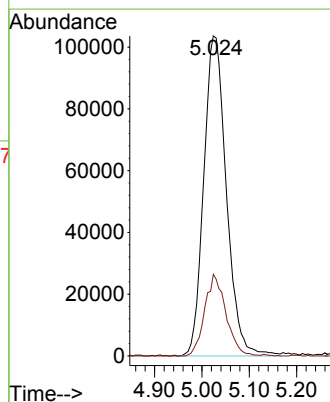
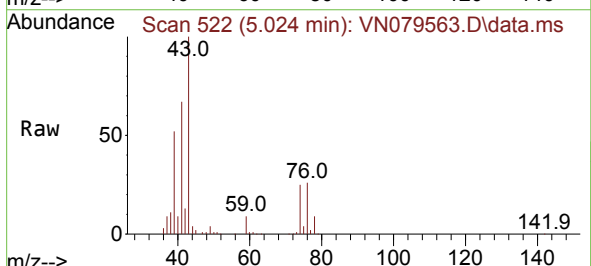
Instrument :
MSVOA_N
ClientSampleId :

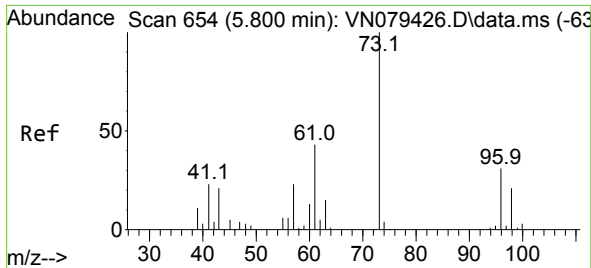
Tgt Ion: 76 Resp: 393985
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 45.794 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion: 43 Resp: 344066
Ion Ratio Lower Upper
43 100
74 23.8 26.2 39.4#

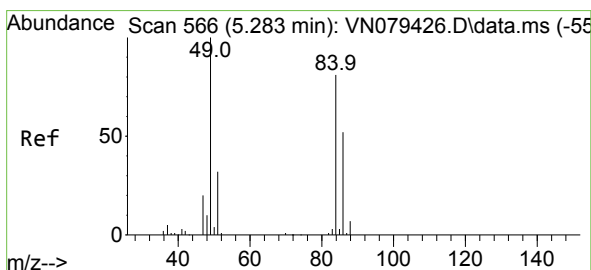
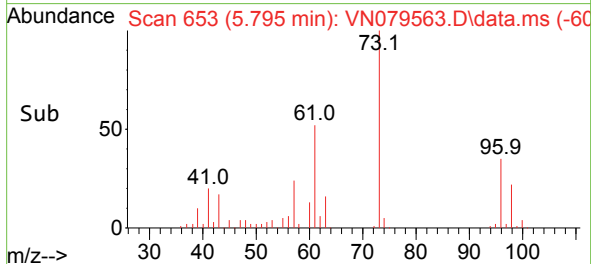
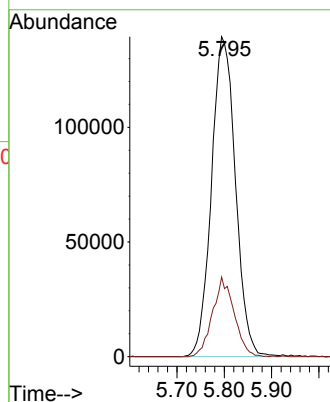
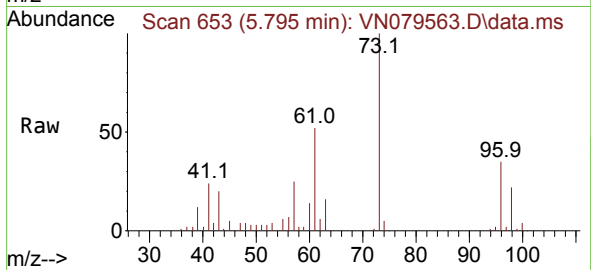




#19
Methyl tert-butyl Ether
Concen: 53.453 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

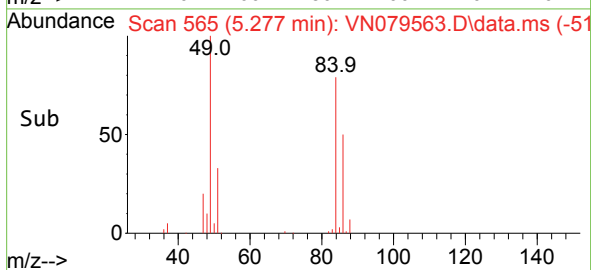
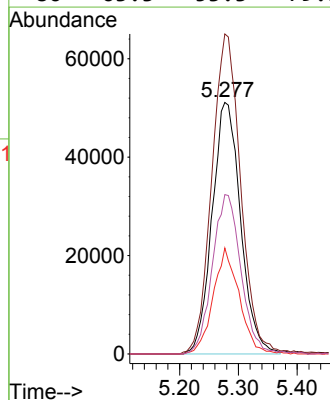
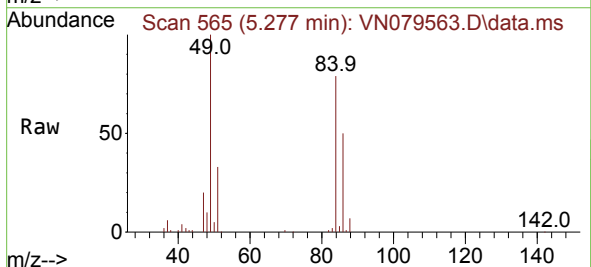
Instrument :
MSVOA_N
ClientSampleId :

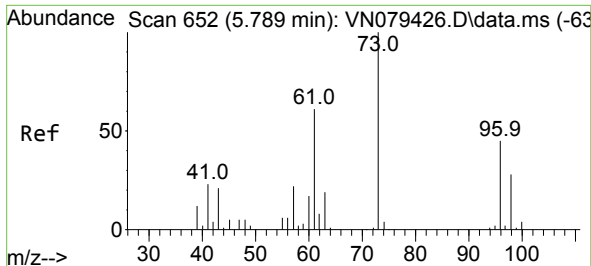
Tgt Ion: 73 Resp: 489816
Ion Ratio Lower Upper
73 100
57 24.9 15.6 23.4#



#20
Methylene Chloride
Concen: 51.135 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion: 84 Resp: 171846
Ion Ratio Lower Upper
84 100
49 127.2 79.7 119.5#
51 42.1 25.2 37.8#
86 63.3 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 47.491 ug/l

RT: 5.783 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

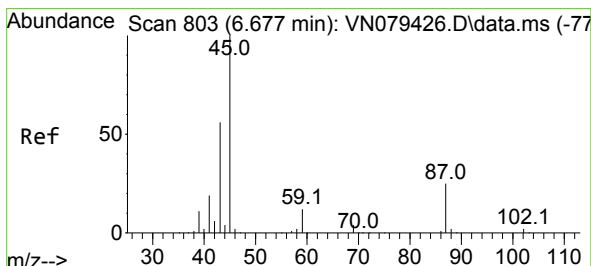
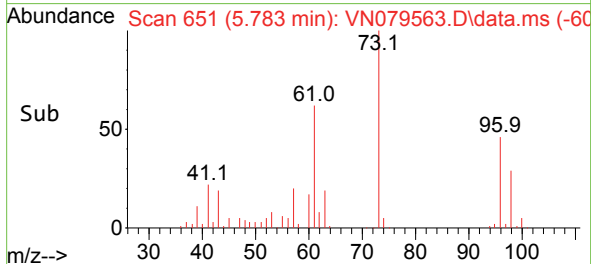
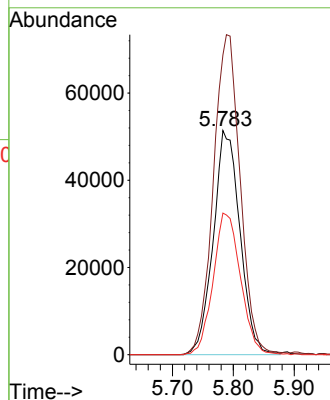
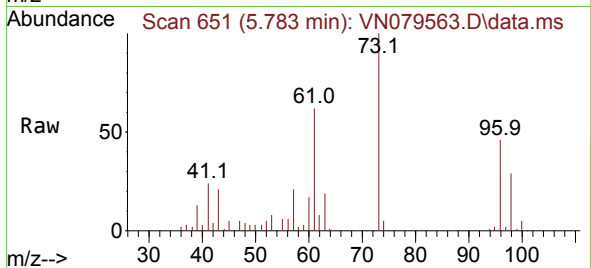
Tgt Ion: 96 Resp: 156431

Ion Ratio Lower Upper

96 100

61 133.7 90.1 135.1

98 63.1 46.4 69.6



#22

Diisopropyl ether

Concen: 54.104 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.006 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

Tgt Ion: 45 Resp: 552153

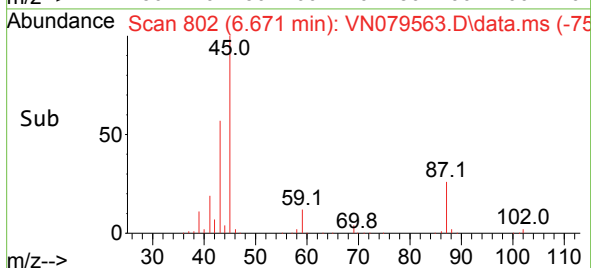
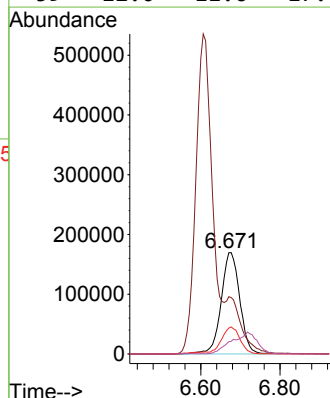
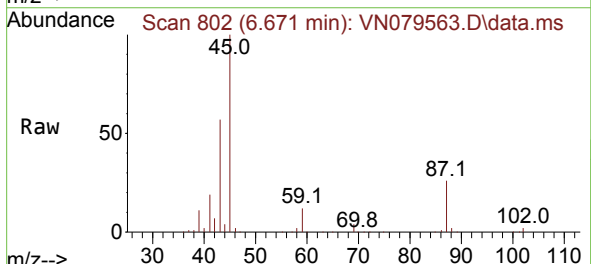
Ion Ratio Lower Upper

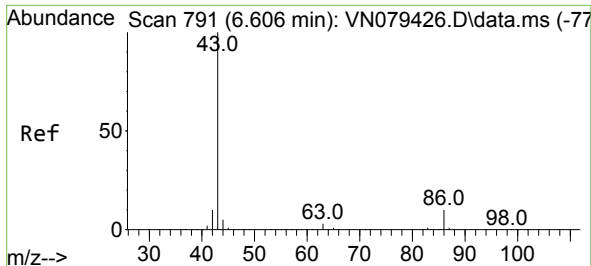
45 100

43 55.8 45.5 68.3

87 25.4 31.8 47.8#

59 12.0 11.6 17.4

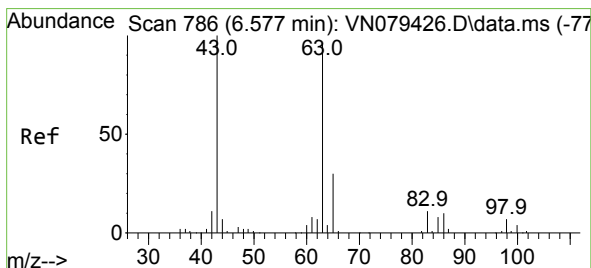
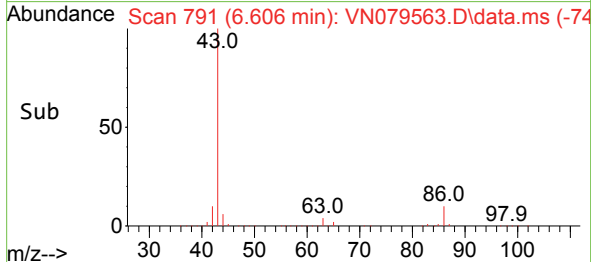
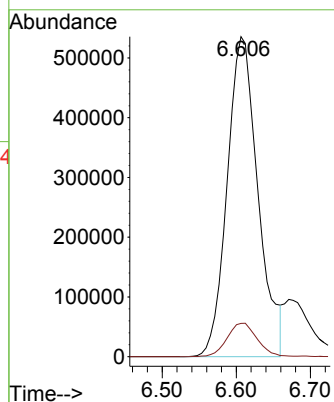
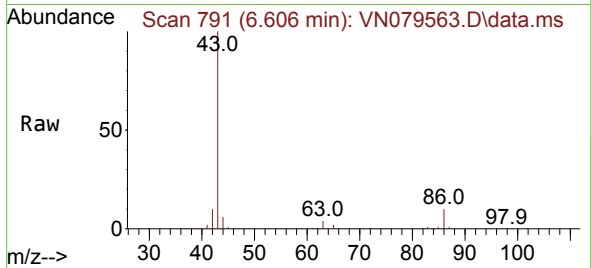




#23
 Vinyl Acetate
 Concen: 269.616 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079563.D
 Acq: 13 Oct 2023 11:00

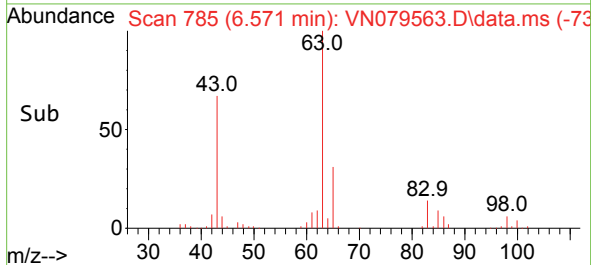
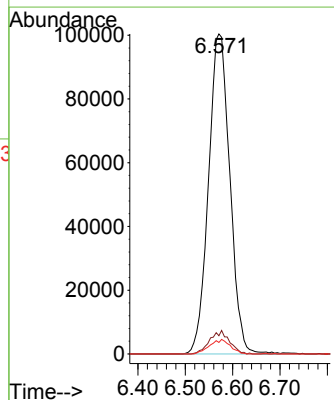
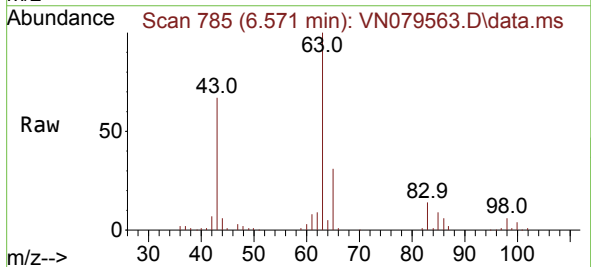
Instrument :
 MSVOA_N
 ClientSampleId :

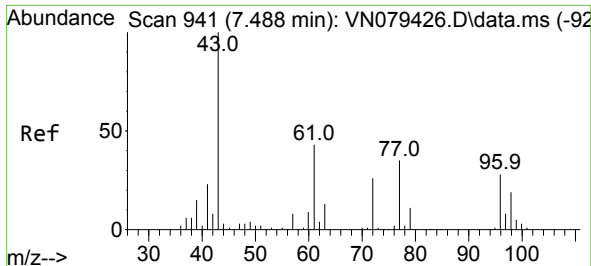
Tgt Ion: 43 Resp: 1547721
 Ion Ratio Lower Upper
 43 100
 86 10.4 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 50.383 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079563.D
 Acq: 13 Oct 2023 11:00

Tgt Ion: 63 Resp: 314681
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.9 11.7
 100 3.6 2.5 7.4

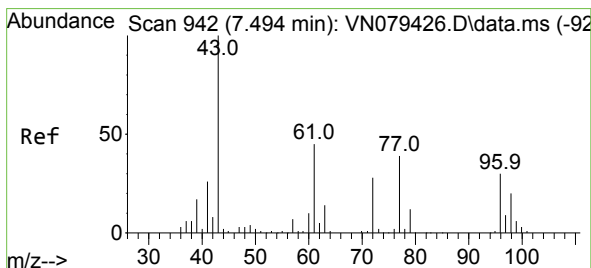
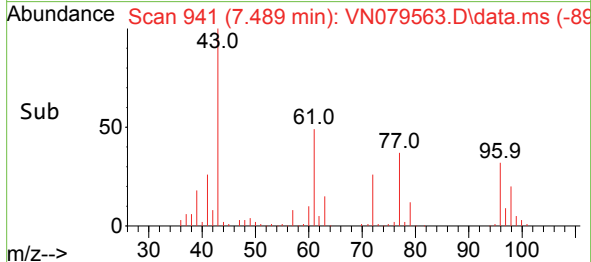
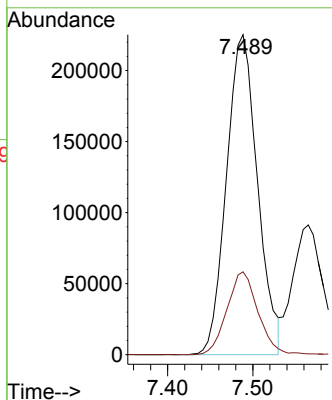
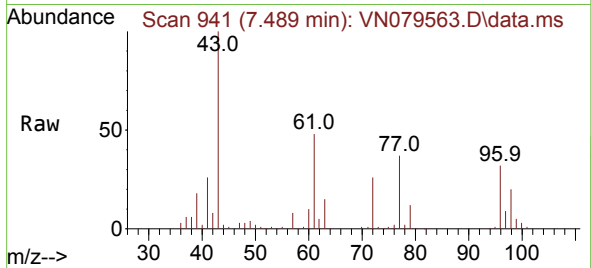




#25
2-Butanone
Concen: 250.876 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

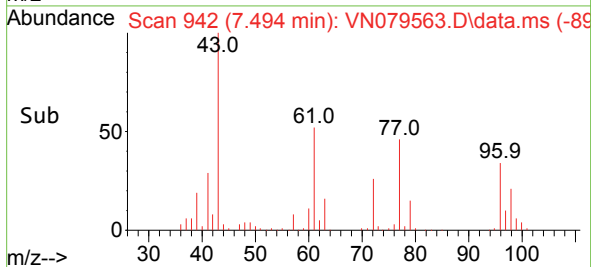
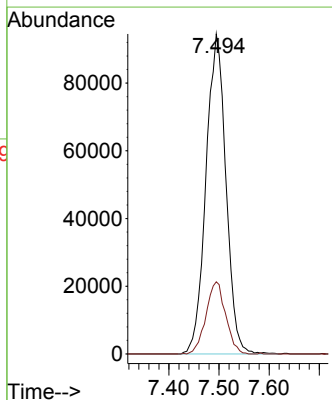
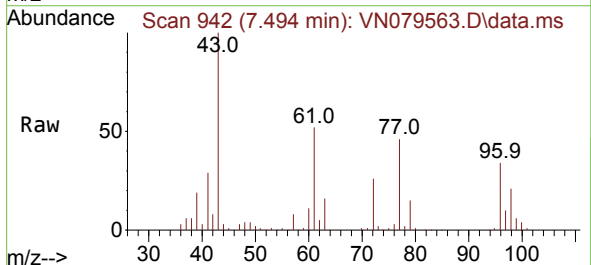
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 571593
Ion Ratio Lower Upper
43 100
72 25.9 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 54.746 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion: 77 Resp: 261311
Ion Ratio Lower Upper
77 100
97 22.2 11.2 33.6

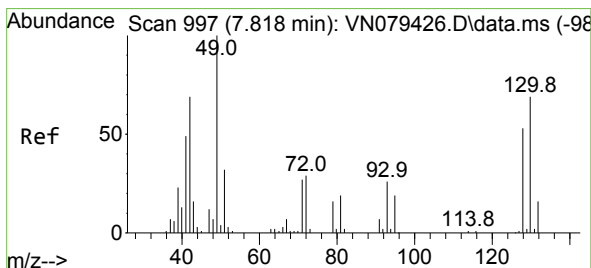
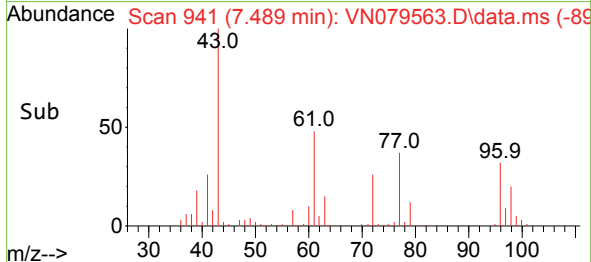
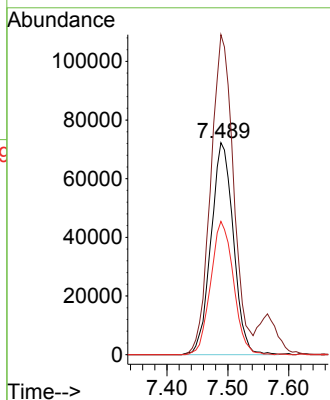
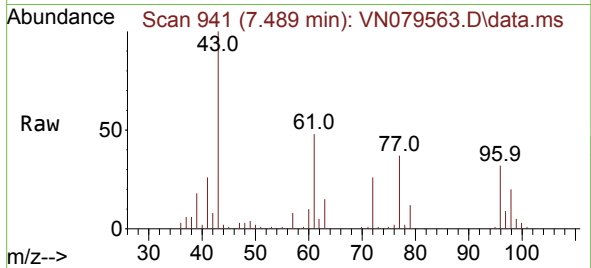




#27
 cis-1,2-Dichloroethene
 Concen: 51.623 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079563.D
 Acq: 13 Oct 2023 11:00

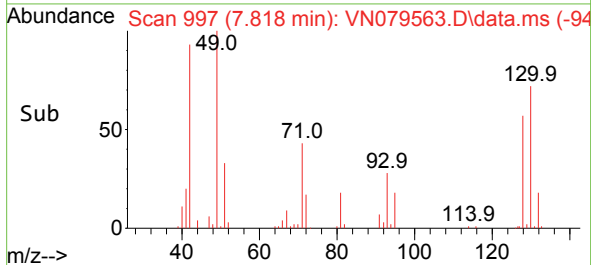
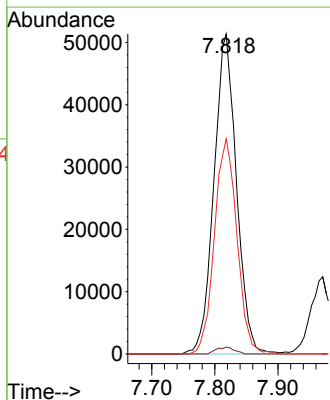
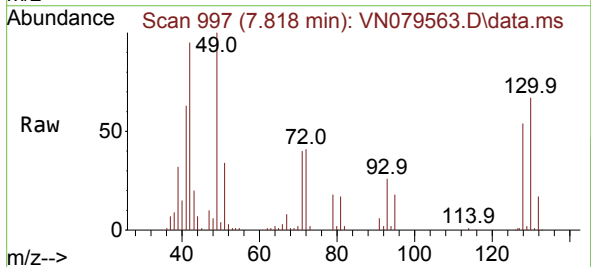
Instrument :
 MSVOA_N
 ClientSampleId :

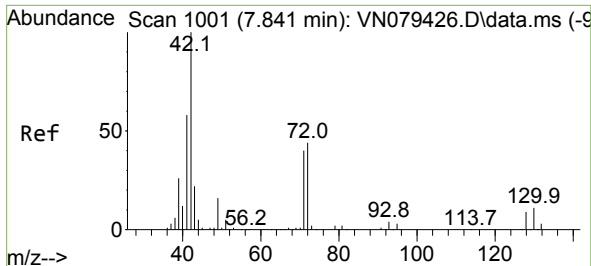
Tgt Ion: 96 Resp: 184727
 Ion Ratio Lower Upper
 96 100
 61 153.8 0.0 255.2
 98 63.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 42.800 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN079563.D
 Acq: 13 Oct 2023 11:00

Tgt Ion: 49 Resp: 127190
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 67.3 75.3 112.9#





#29

Tetrahydrofuran

Concen: 250.120 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

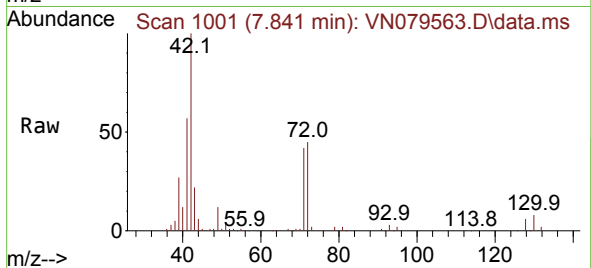
Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :



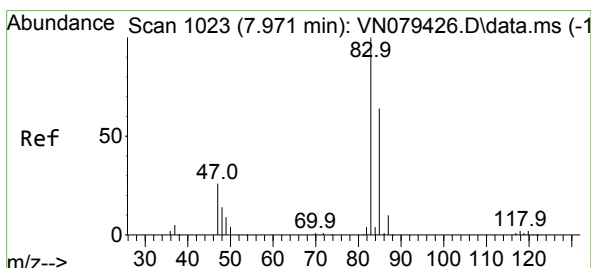
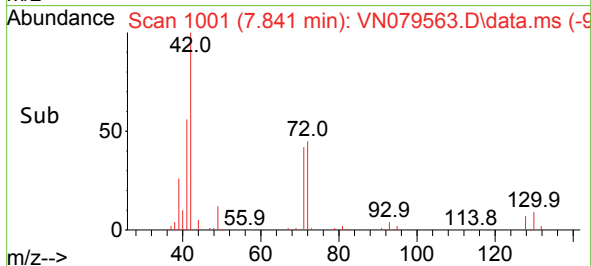
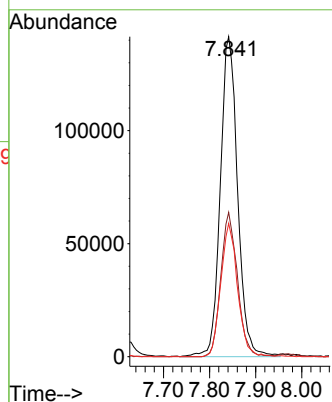
Tgt Ion: 42 Resp: 368561

Ion Ratio Lower Upper

42 100

72 43.3 49.8 74.6#

71 40.4 47.4 71.2#



#30

Chloroform

Concen: 50.955 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079563.D

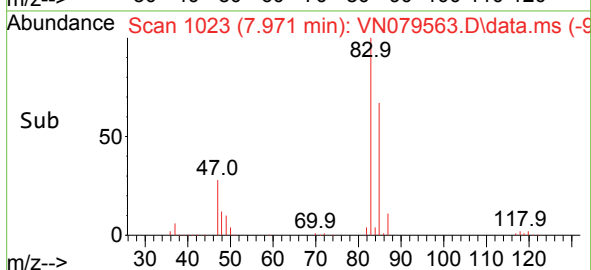
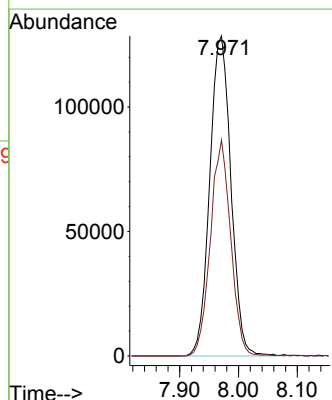
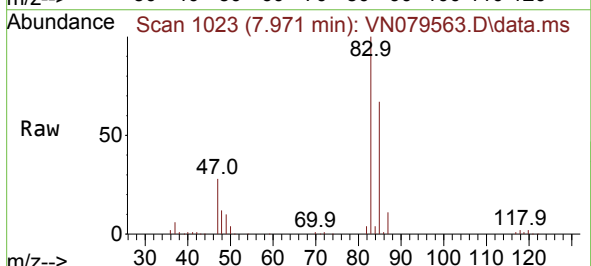
Acq: 13 Oct 2023 11:00

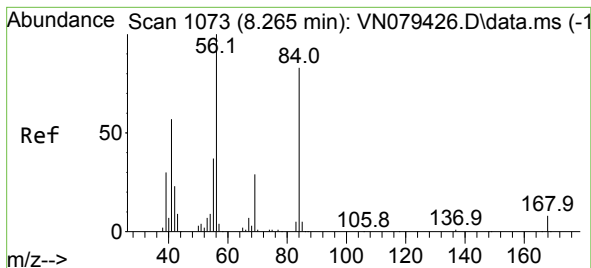
Tgt Ion: 83 Resp: 321558

Ion Ratio Lower Upper

83 100

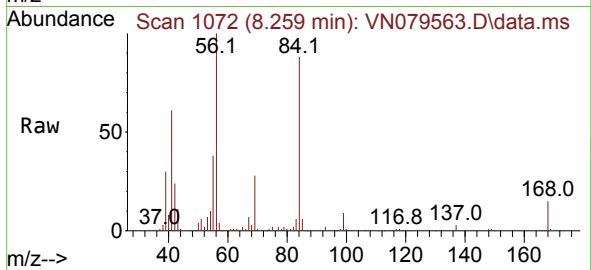
85 67.5 55.4 83.0



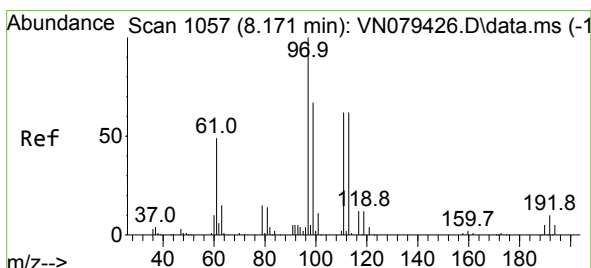
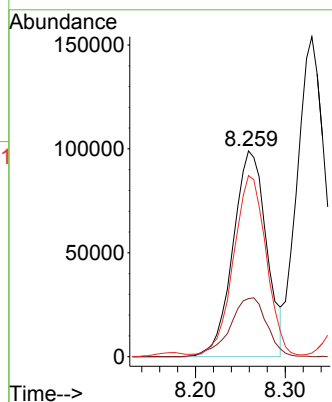
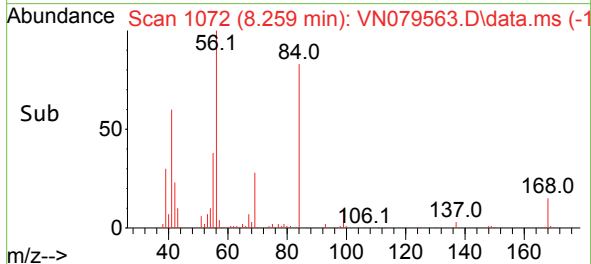


#31
Cyclohexane
Concen: 46.687 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Instrument :
MSVOA_N
ClientSampleId :

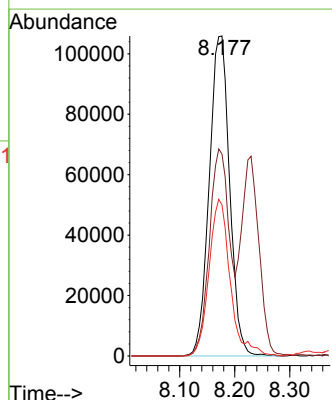
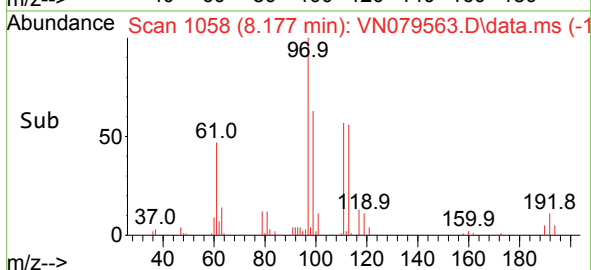
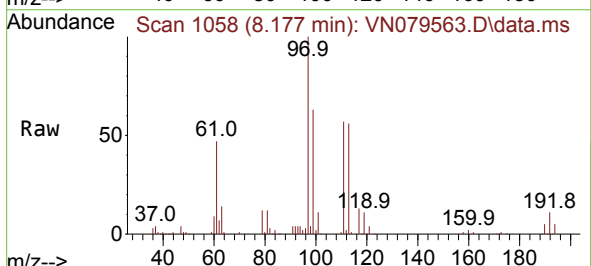


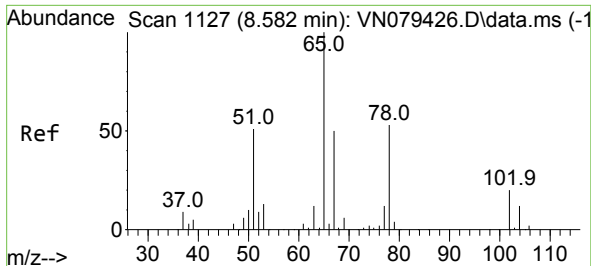
Tgt Ion: 56 Resp: 256307
Ion Ratio Lower Upper
56 100
69 28.2 26.8 40.2
84 86.4 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 51.381 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion: 97 Resp: 272869
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 50.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.846 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

Instrument :

MSVOA_N

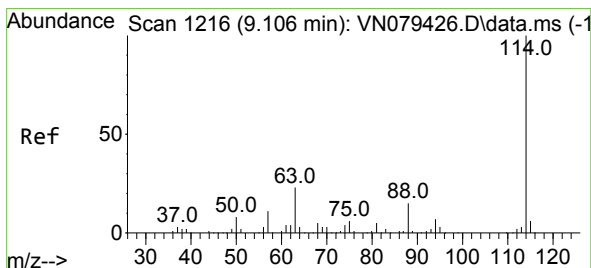
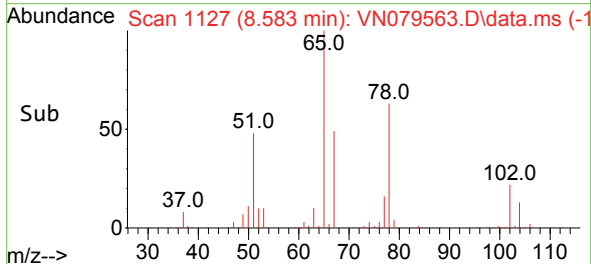
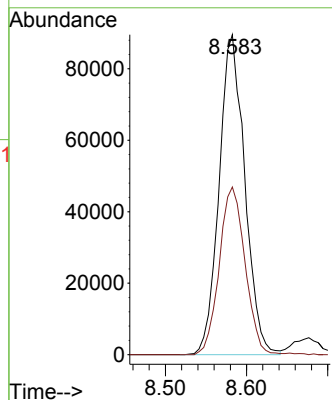
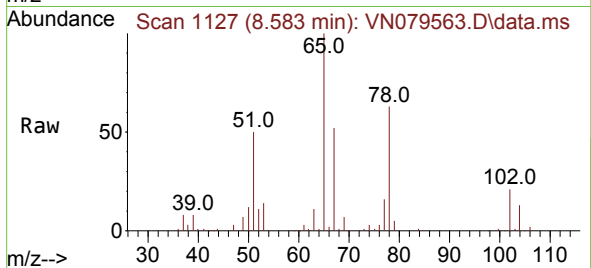
ClientSampleId :

Tgt Ion: 65 Resp: 196786

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

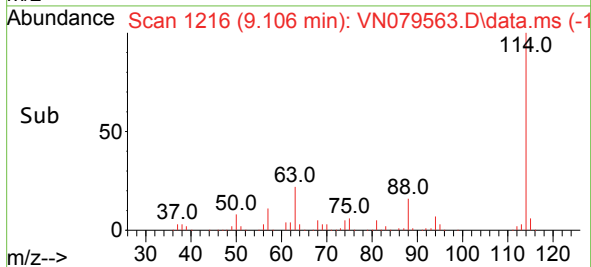
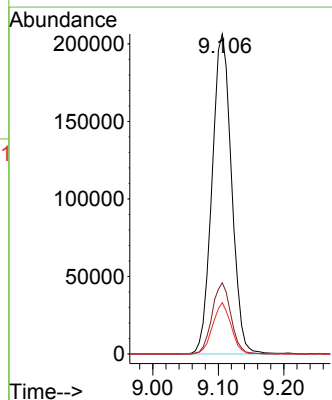
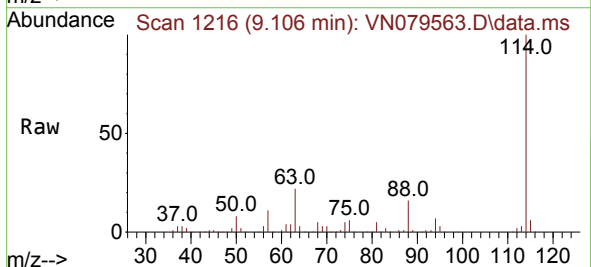
Tgt Ion: 114 Resp: 424995

Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

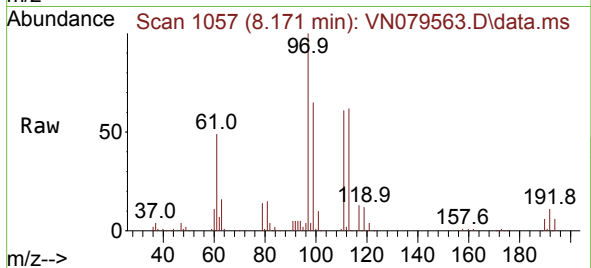
88 16.0 0.0 30.6



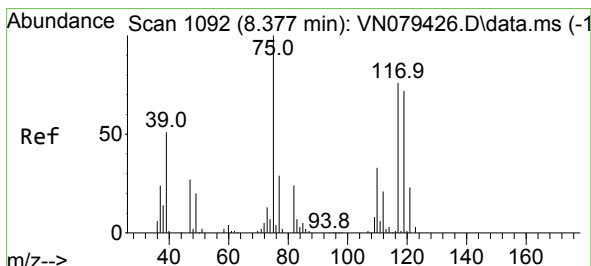
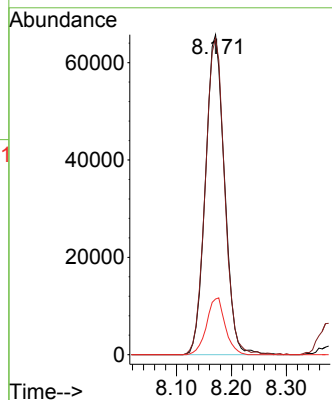
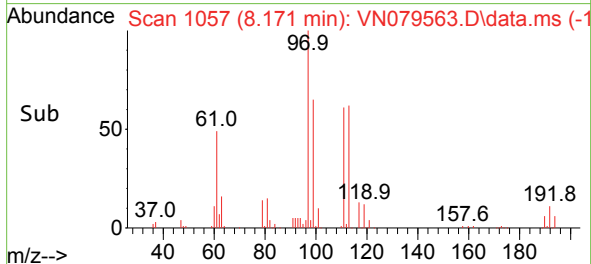


#35
Dibromofluoromethane
Concen: 51.826 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Instrument :
MSVOA_N
ClientSampleId :

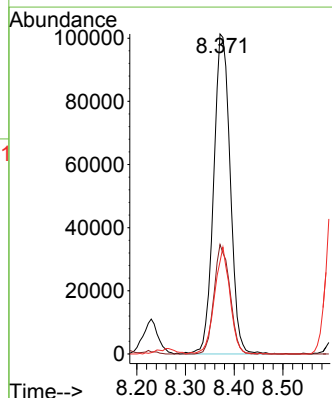
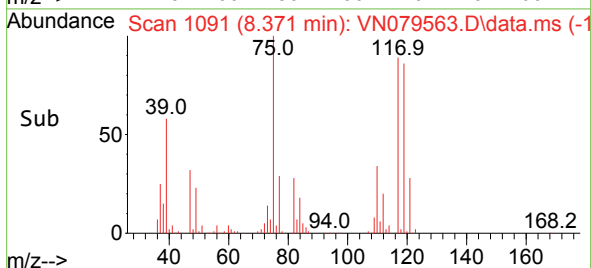
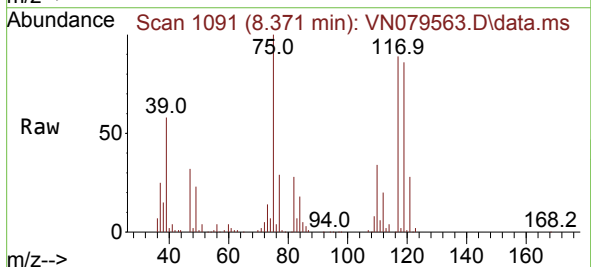


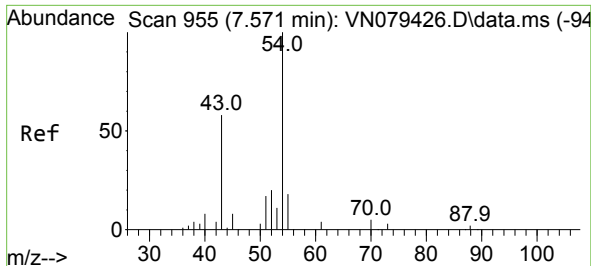
Tgt Ion:113 Resp: 158284
Ion Ratio Lower Upper
113 100
111 100.1 82.6 123.8
192 17.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 52.213 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion: 75 Resp: 239338
Ion Ratio Lower Upper
75 100
110 32.8 19.1 57.3
77 31.0 25.0 37.4

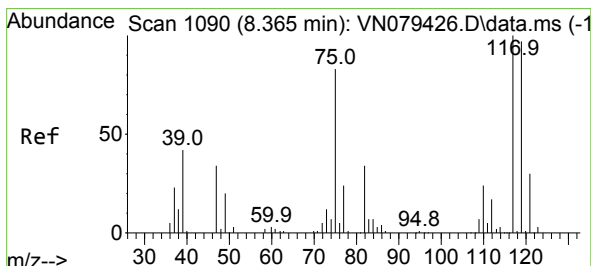
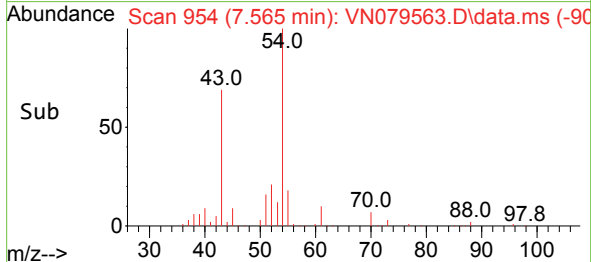
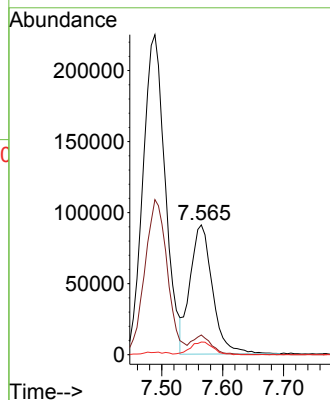
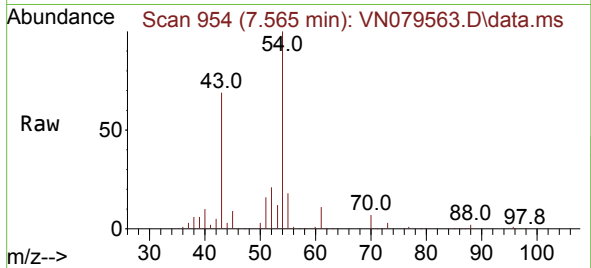




#37
Ethyl Acetate
Concen: 51.059 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

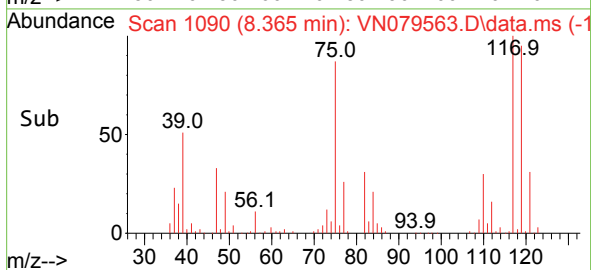
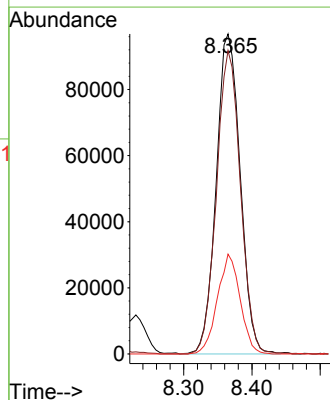
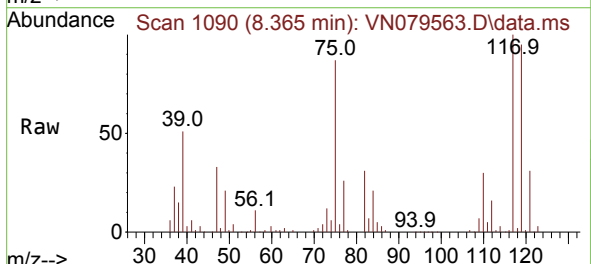
Instrument :
MSVOA_N
ClientSampleId :

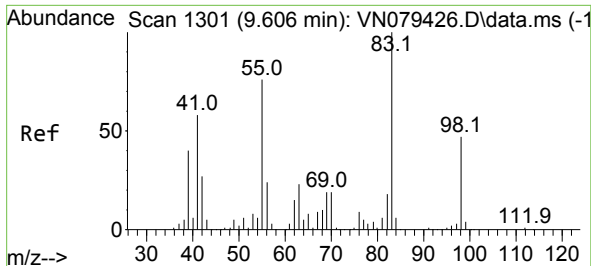
Tgt Ion: 43 Resp: 232887
Ion Ratio Lower Upper
43 100
61 12.7 13.2 19.8#
70 9.9 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 51.685 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion: 117 Resp: 237177
Ion Ratio Lower Upper
117 100
119 94.8 77.3 115.9
121 31.2 23.3 34.9

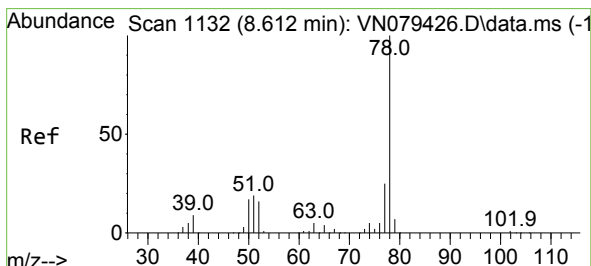
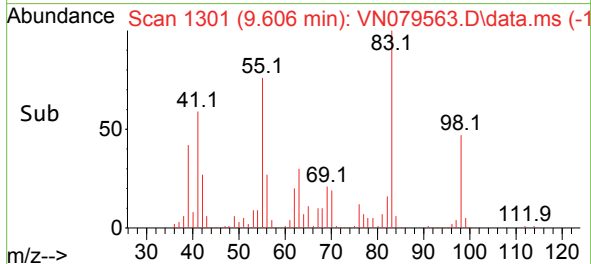
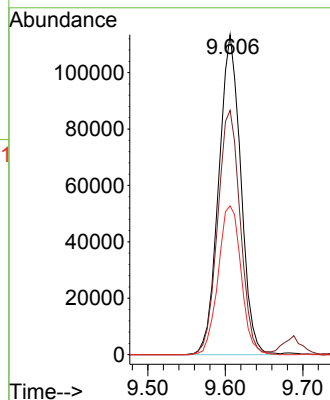
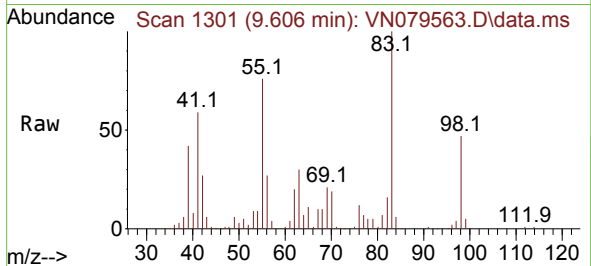




#39
Methylcyclohexane
Concen: 50.904 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

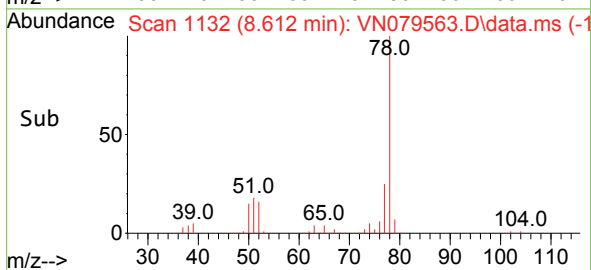
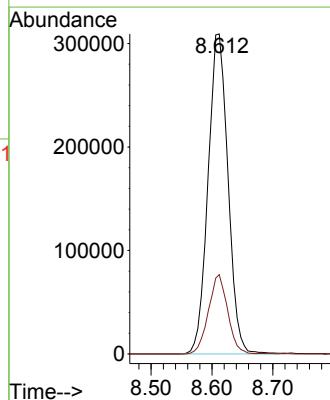
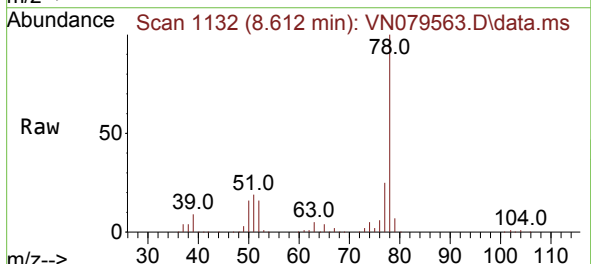
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 224183
Ion Ratio Lower Upper
83 100
55 76.4 49.1 73.7#
98 46.5 40.6 61.0



#40
Benzene
Concen: 51.782 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion: 78 Resp: 704919
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.6

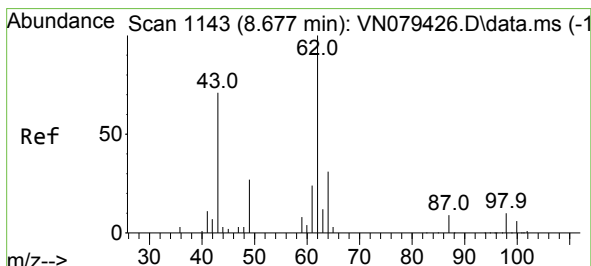
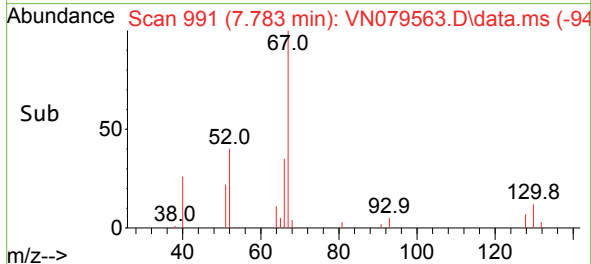
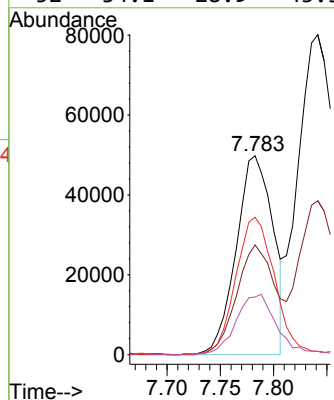
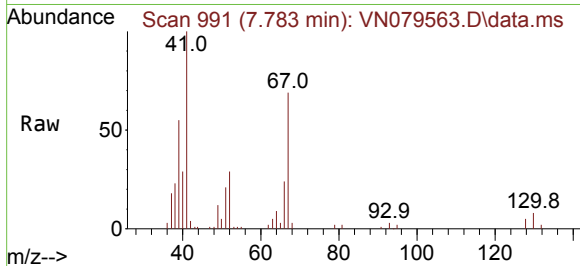




#41
Methacrylonitrile
Concen: 49.826 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

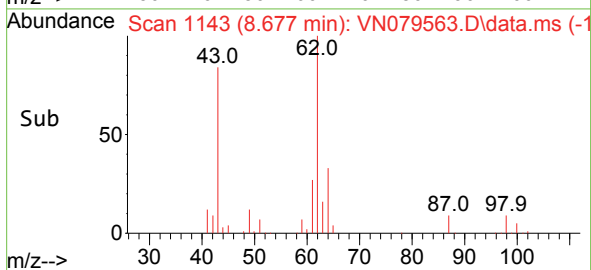
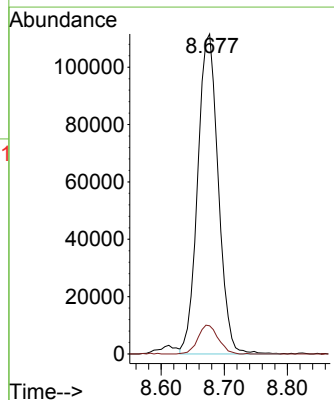
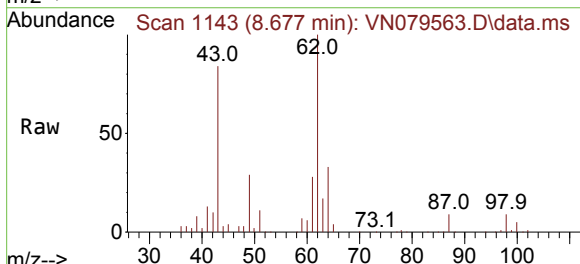
Instrument :
MSVOA_N
ClientSampleId :

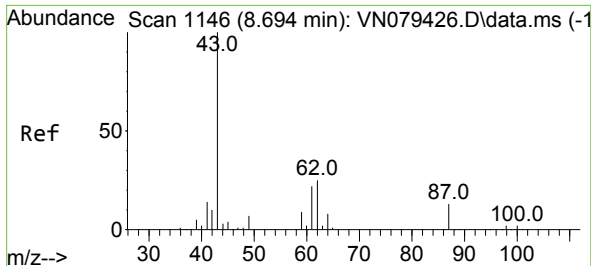
Tgt Ion: 41	Resp: 119479
Ion Ratio	Lower Upper
41 100	
39 59.5	42.6 64.0
67 73.5	77.5 116.3#
52 34.1	28.9 43.3



#42
1,2-Dichloroethane
Concen: 50.941 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion: 62	Resp: 251984
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 19.8

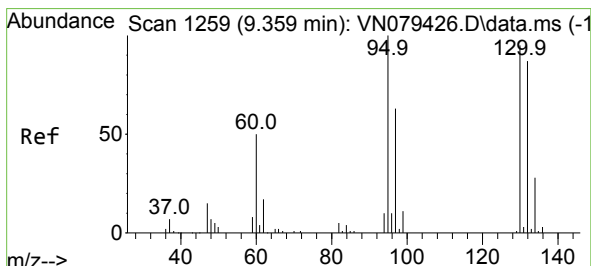
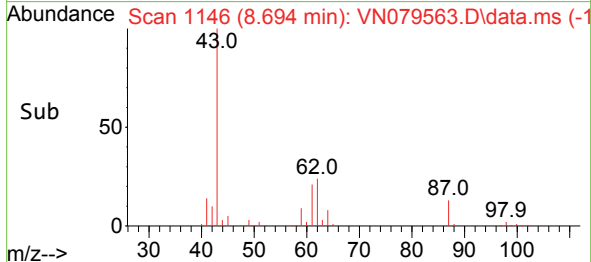
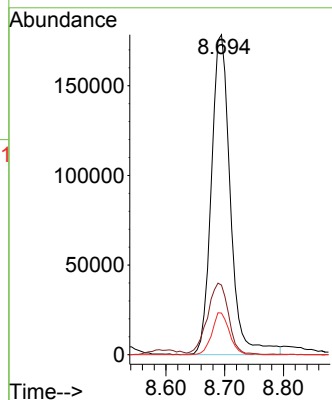
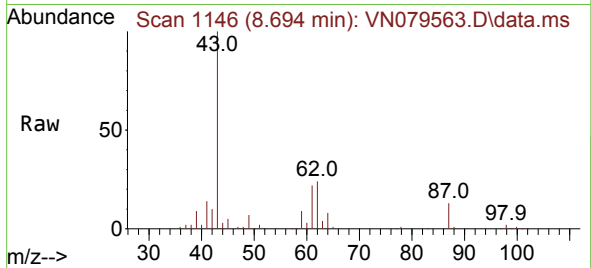




#43
Isopropyl Acetate
Concen: 50.250 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

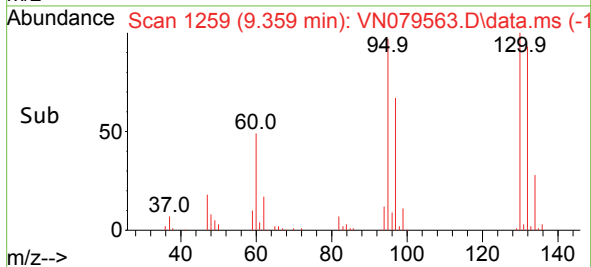
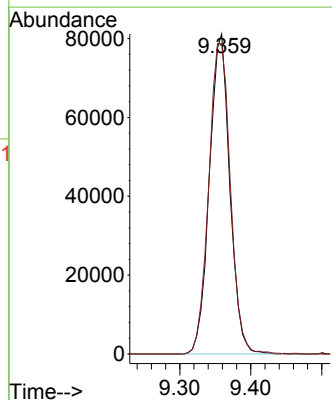
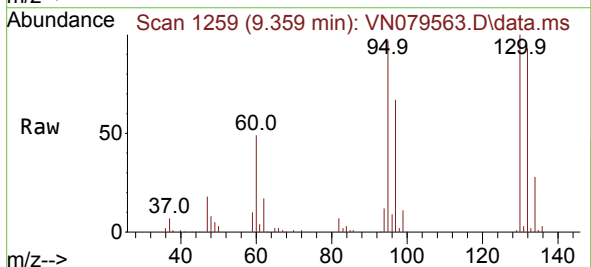
Instrument :
MSVOA_N
ClientSampleId :

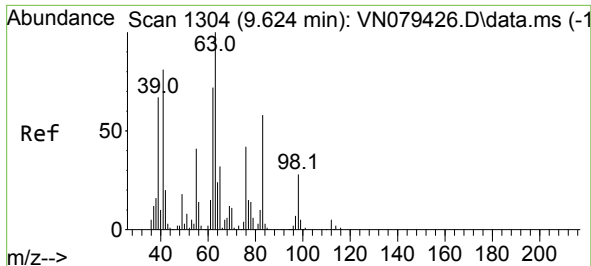
Tgt Ion: 43 Resp: 401540
Ion Ratio Lower Upper
43 100
61 24.6 24.7 37.1#
87 12.0 14.6 21.8#



#44
Trichloroethene
Concen: 50.474 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion:130 Resp: 161725
Ion Ratio Lower Upper
130 100
95 96.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.486 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

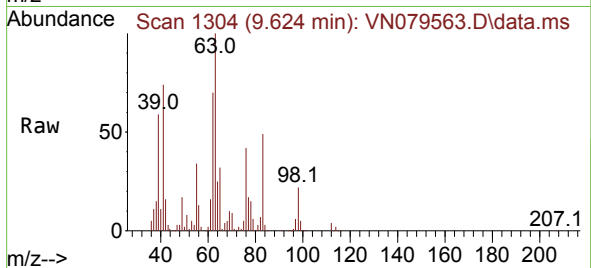
Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

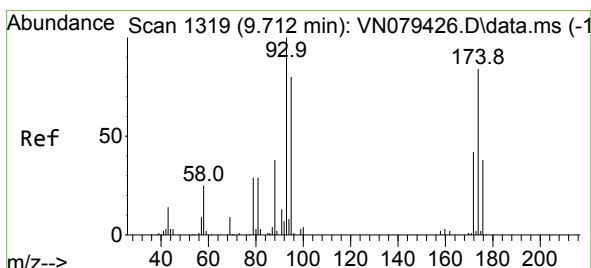
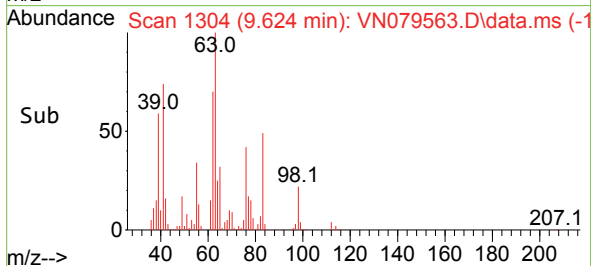
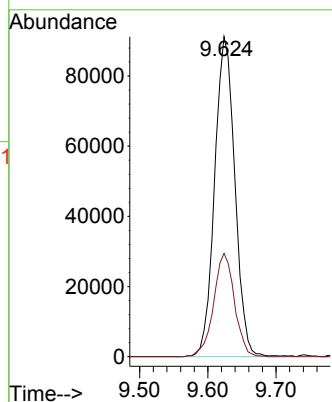


Tgt Ion: 63 Resp: 188258

Ion Ratio Lower Upper

63 100

65 32.2 23.9 35.9



#46

Dibromomethane

Concen: 52.073 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

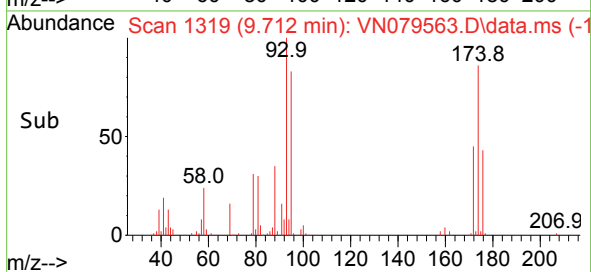
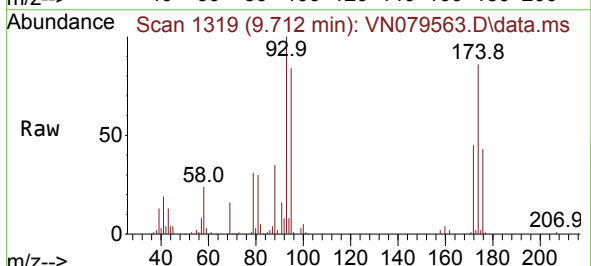
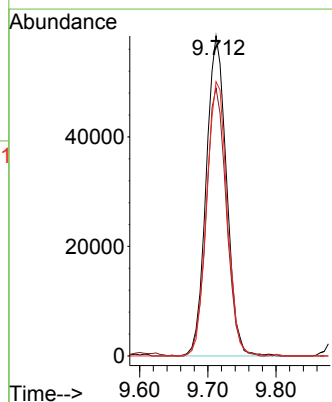
Tgt Ion: 93 Resp: 120967

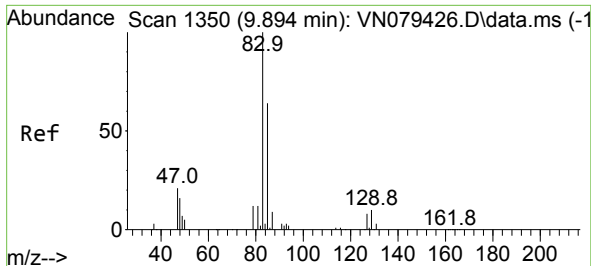
Ion Ratio Lower Upper

93 100

95 82.9 63.8 95.8

174 86.7 65.6 98.4

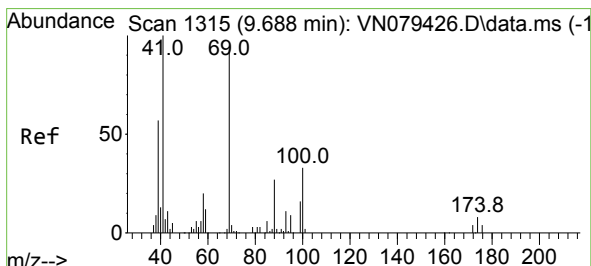
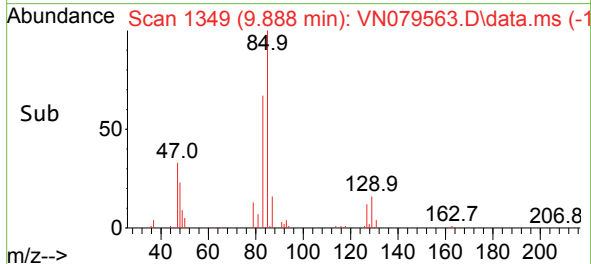
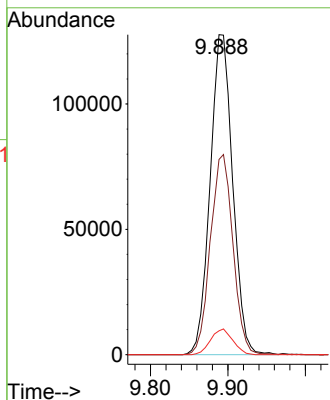
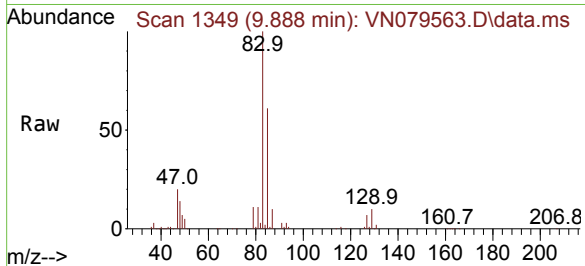




#47
Bromodichloromethane
Concen: 54.021 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

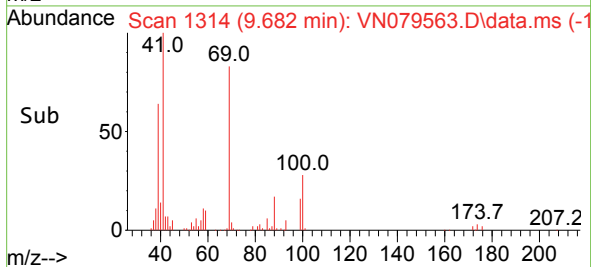
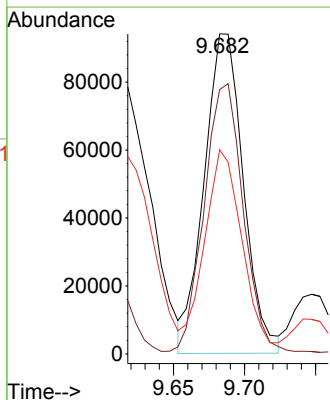
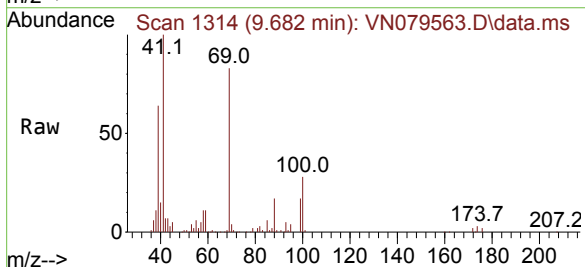
Instrument :
MSVOA_N
ClientSampleId :

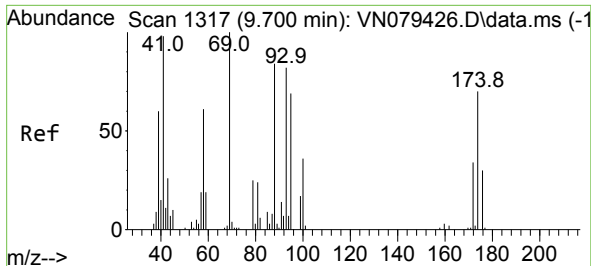
Tgt Ion: 83 Resp: 258141
Ion Ratio Lower Upper
83 100
85 61.0 49.6 74.4
127 7.4 7.0 10.6



#48
Methyl methacrylate
Concen: 52.779 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion: 41 Resp: 180729
Ion Ratio Lower Upper
41 100
69 85.6 90.4 135.6#
39 62.0 54.6 81.8





#49

1,4-Dioxane

Concen: 1062.101 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

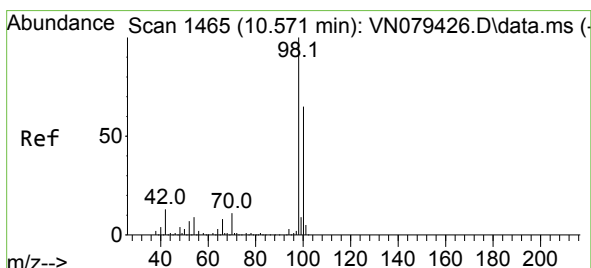
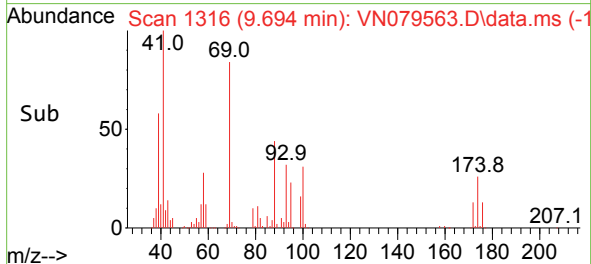
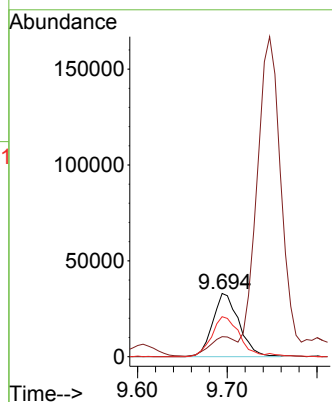
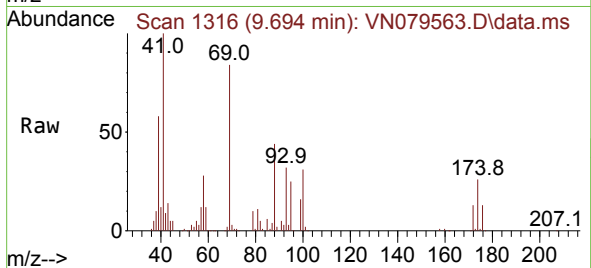
Tgt Ion: 88 Resp: 66990

Ion Ratio Lower Upper

88 100

43 31.0 17.0 25.6#

58 69.3 47.0 70.4



#50

Toluene-d8

Concen: 53.227 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079563.D

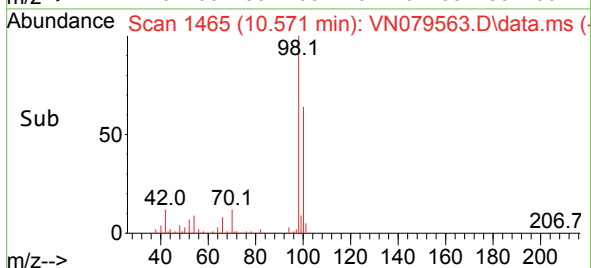
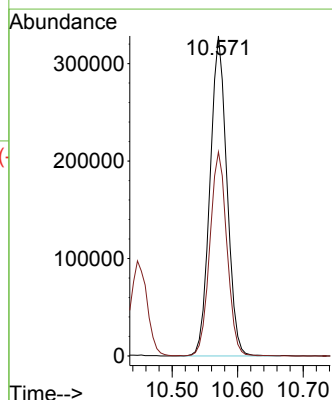
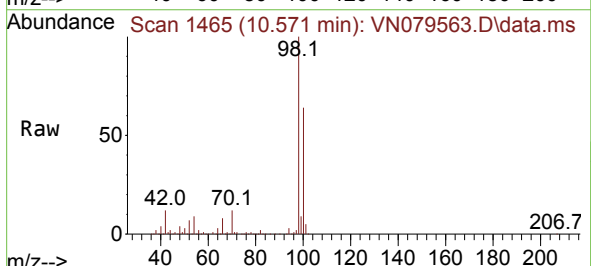
Acq: 13 Oct 2023 11:00

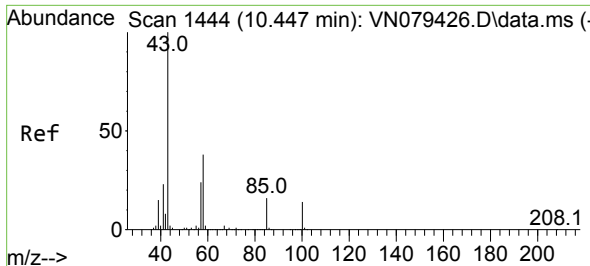
Tgt Ion: 98 Resp: 588206

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

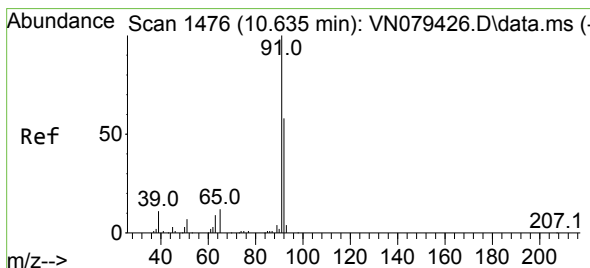
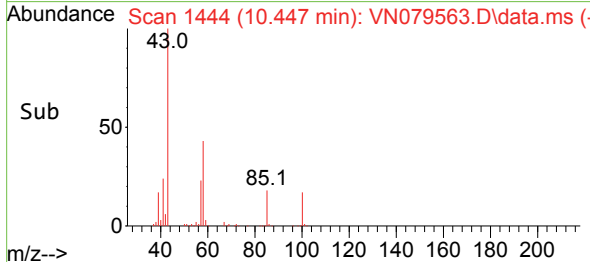
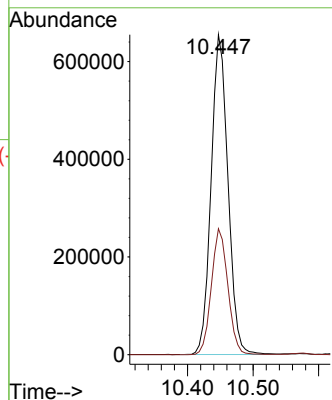
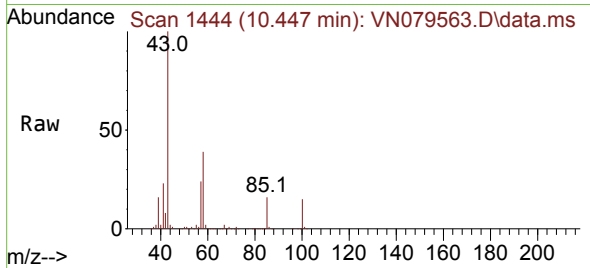




#51
4-Methyl-2-Pentanone
Concen: 259.136 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

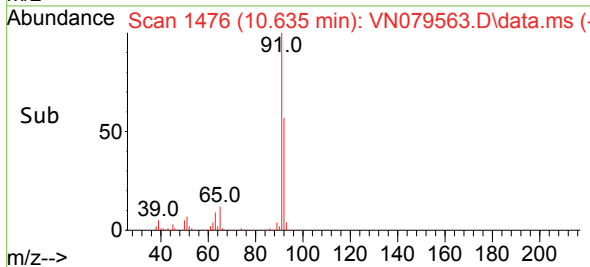
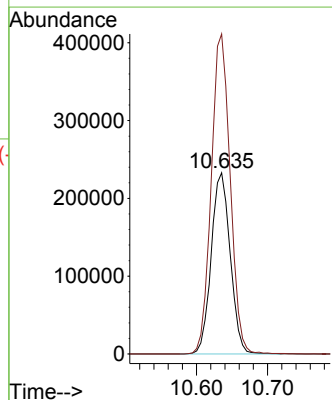
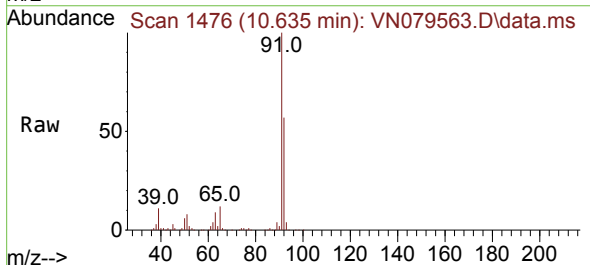
Instrument :
MSVOA_N
ClientSampleId :

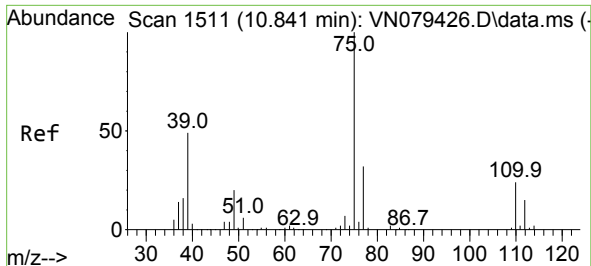
Tgt Ion: 43 Resp: 1168923
Ion Ratio Lower Upper
43 100
58 38.6 36.6 54.8



#52
Toluene
Concen: 53.880 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion: 92 Resp: 431757
Ion Ratio Lower Upper
92 100
91 176.0 137.4 206.0

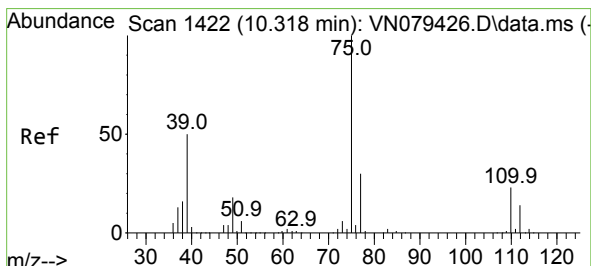
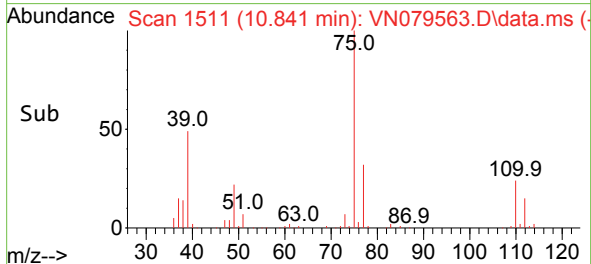
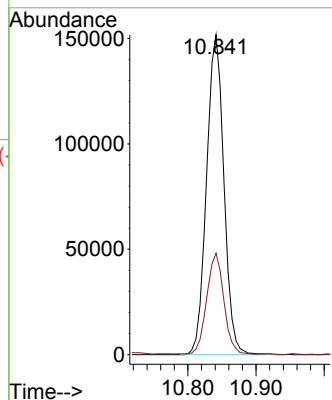
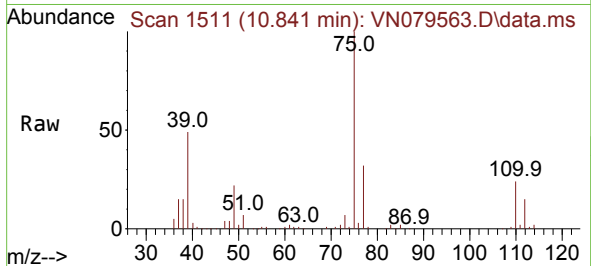




#53
 t-1,3-Dichloropropene
 Concen: 55.815 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079563.D
 Acq: 13 Oct 2023 11:00

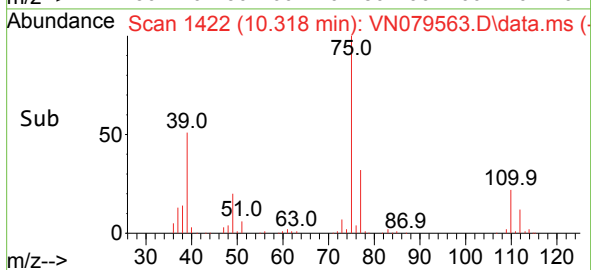
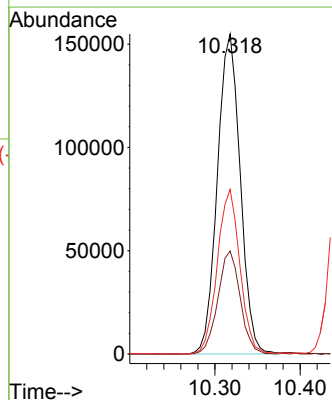
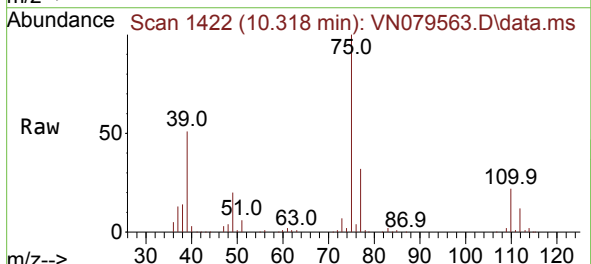
Instrument :
 MSVOA_N
 ClientSampleId :

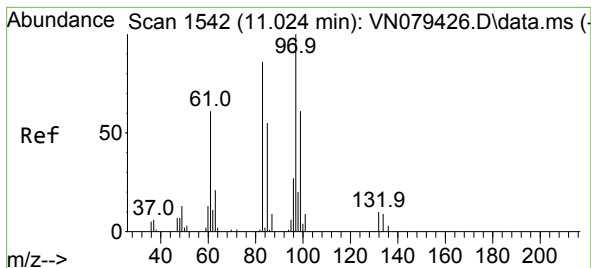
Tgt Ion: 75 Resp: 268780
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 54.855 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079563.D
 Acq: 13 Oct 2023 11:00

Tgt Ion: 75 Resp: 289173
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.1 39.1
 39 51.5 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 52.755 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 169716

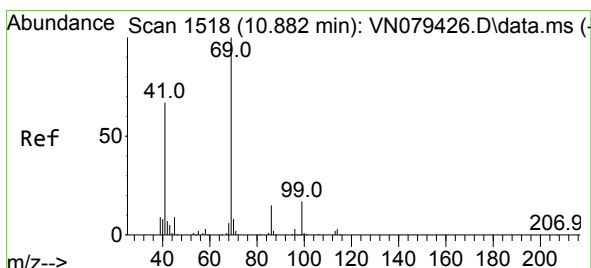
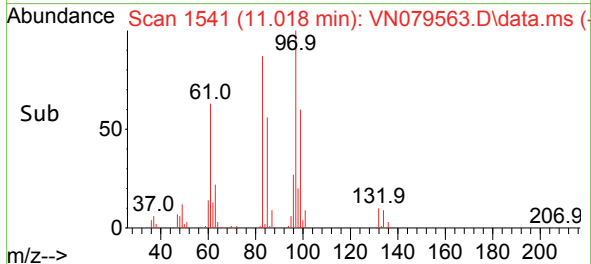
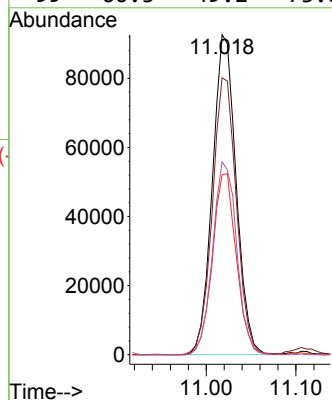
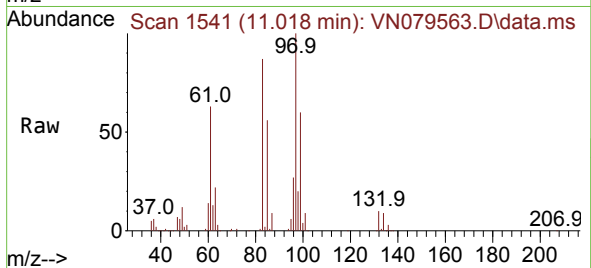
Ion Ratio Lower Upper

97 100

83 86.5 65.1 97.7

85 56.2 43.4 65.2

99 60.3 49.2 73.8



#56

Ethyl methacrylate

Concen: 57.924 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.005 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

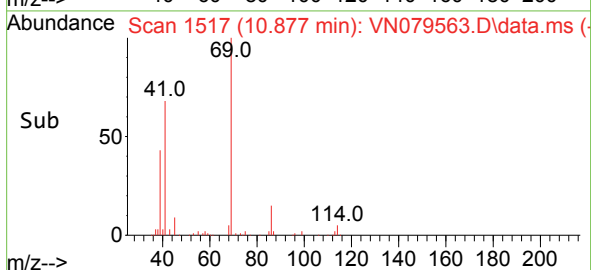
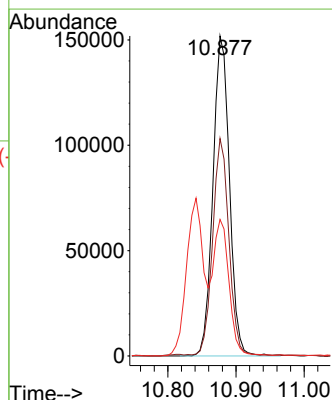
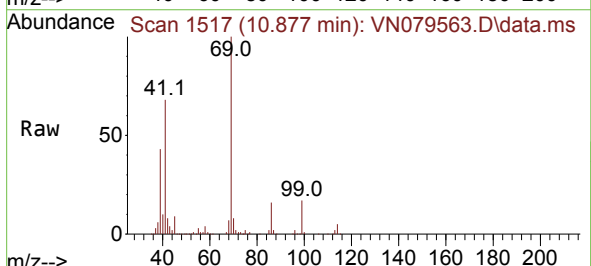
Tgt Ion: 69 Resp: 256062

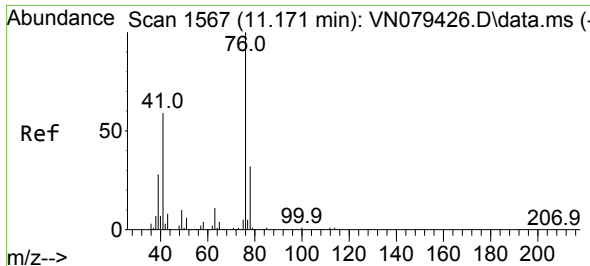
Ion Ratio Lower Upper

69 100

41 66.2 39.6 59.4#

39 40.6 28.6 43.0





#57

1,3-Dichloropropane

Concen: 54.101 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

Instrument :

MSVOA_N

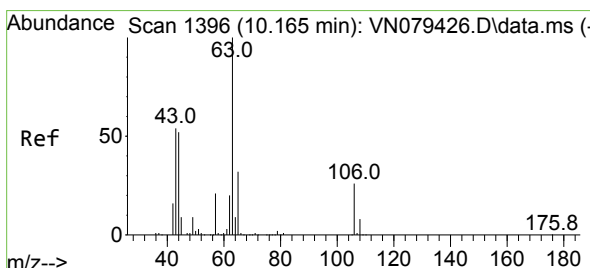
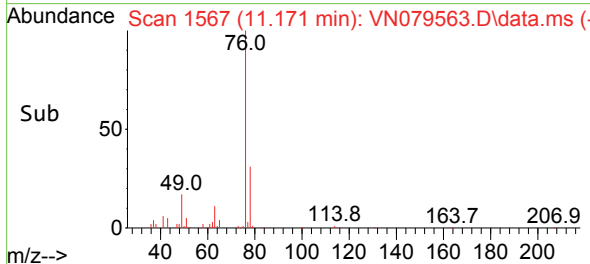
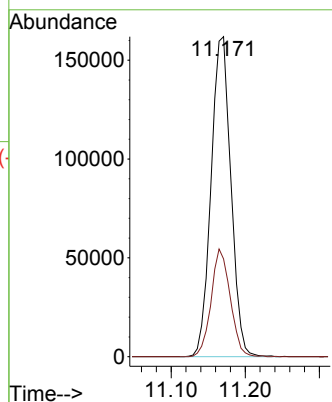
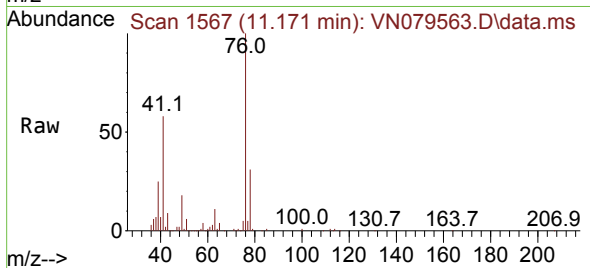
ClientSampleId :

Tgt Ion: 76 Resp: 300536

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 309.954 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079563.D

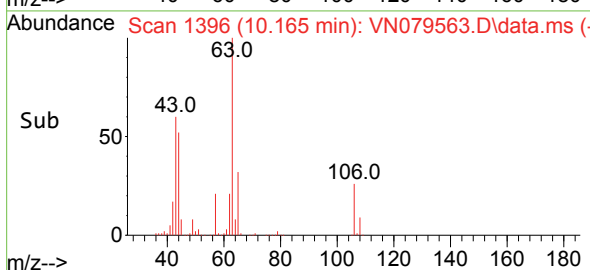
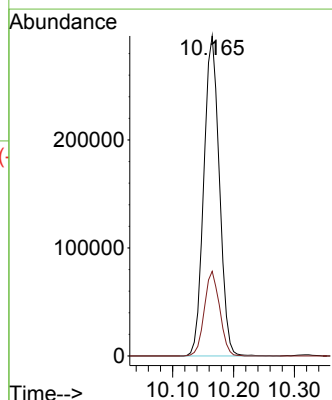
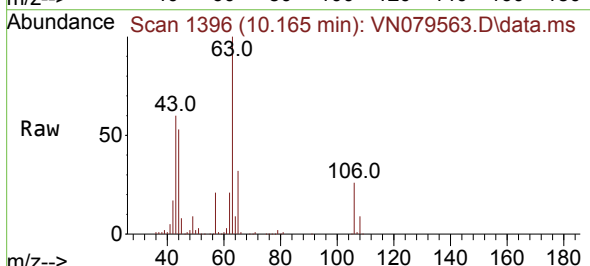
Acq: 13 Oct 2023 11:00

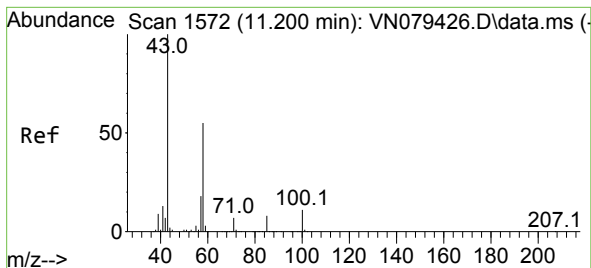
Tgt Ion: 63 Resp: 524741

Ion Ratio Lower Upper

63 100

106 26.1 26.2 39.4#

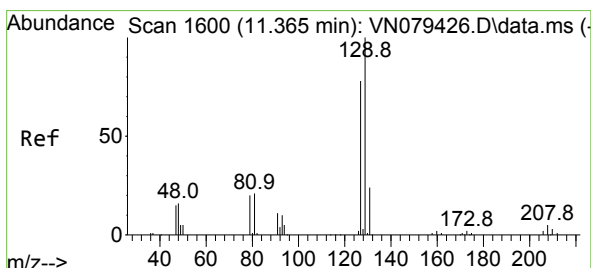
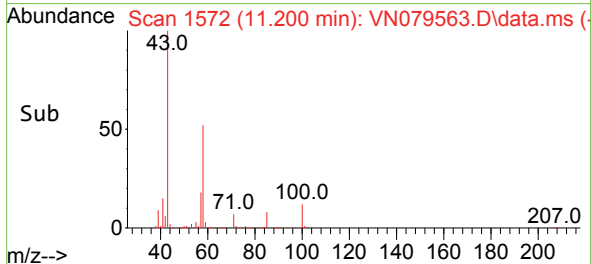
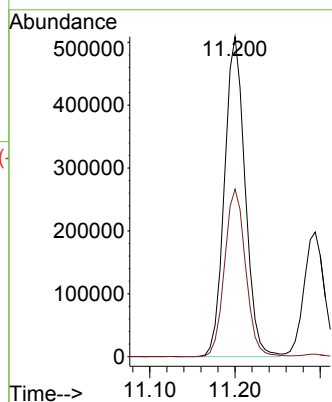
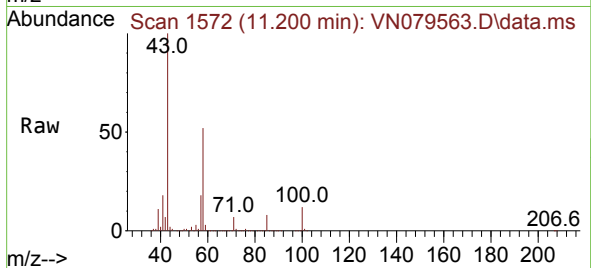




#59
2-Hexanone
Concen: 262.537 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

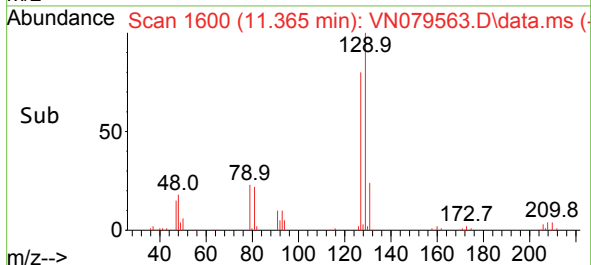
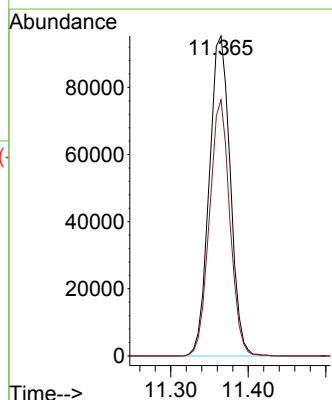
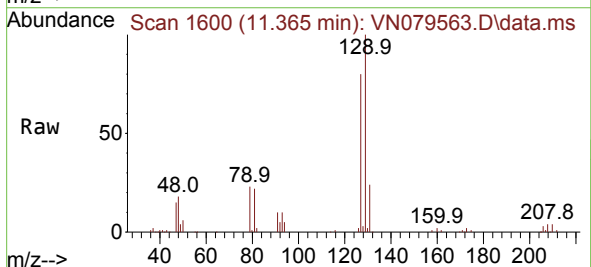
Instrument :
MSVOA_N
ClientSampleId :

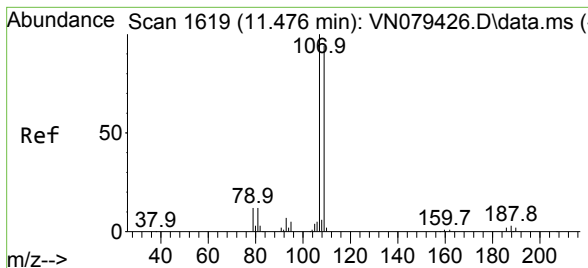
Tgt Ion: 43 Resp: 854575
Ion Ratio Lower Upper
43 100
58 53.4 31.7 95.1



#60
Dibromochloromethane
Concen: 55.445 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion:129 Resp: 179268
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.651 ug/l

RT: 11.471 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

Instrument :

MSVOA_N

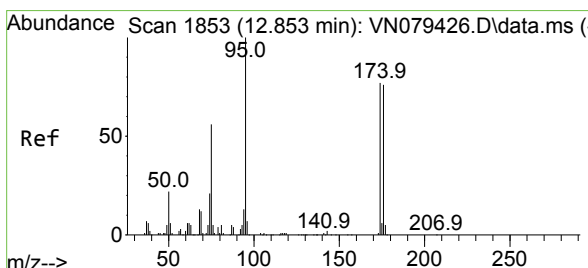
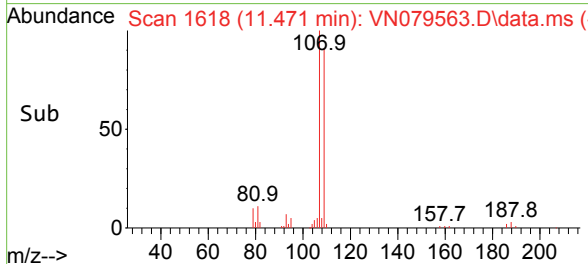
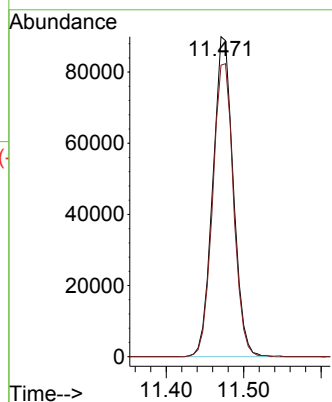
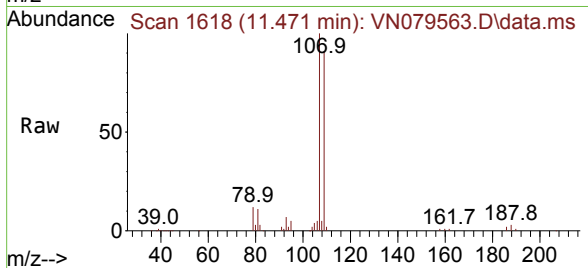
ClientSampleId :

Tgt Ion:107 Resp: 164901

Ion Ratio Lower Upper

107 100

109 93.2 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 54.860 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

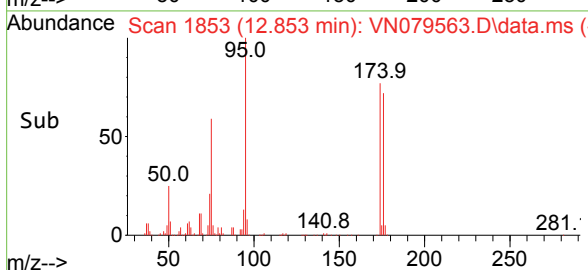
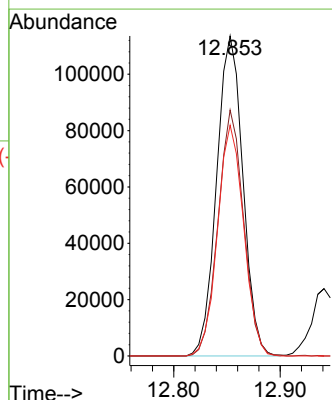
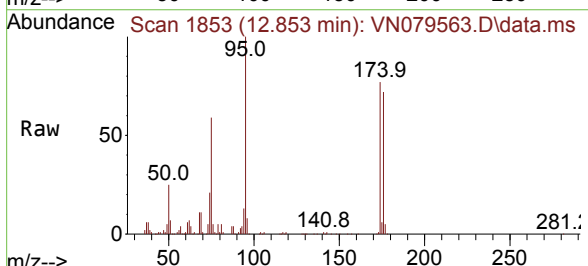
Tgt Ion: 95 Resp: 194558

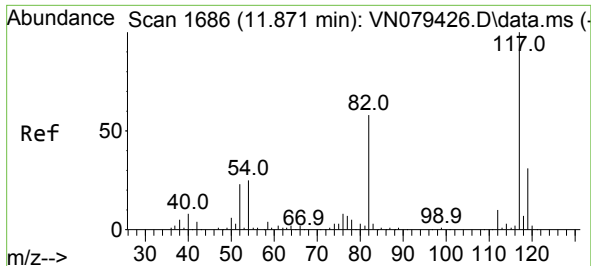
Ion Ratio Lower Upper

95 100

174 75.0 0.0 143.8

176 71.8 0.0 135.8

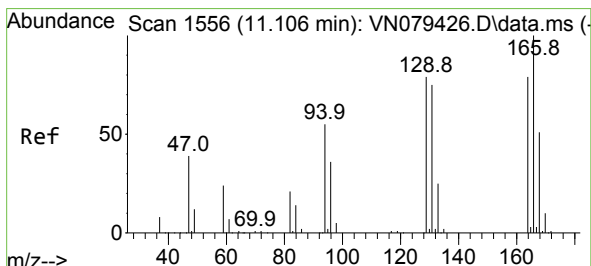
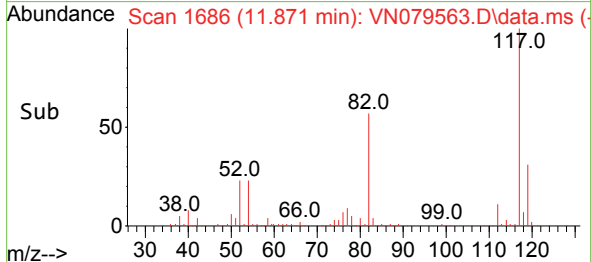
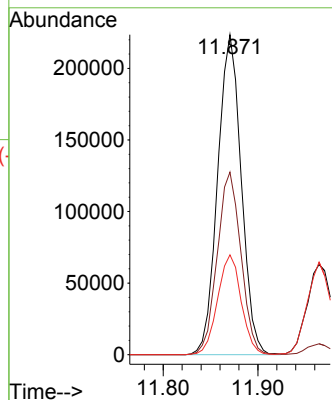
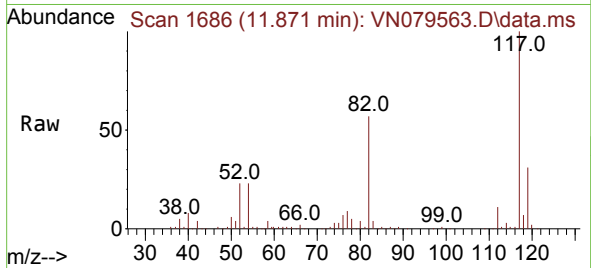




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

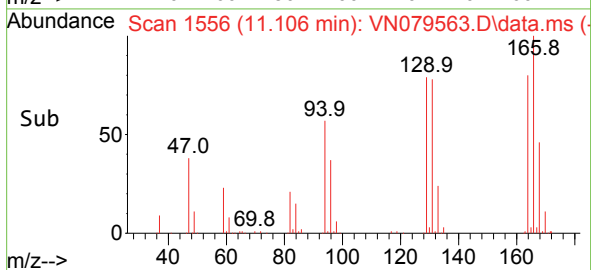
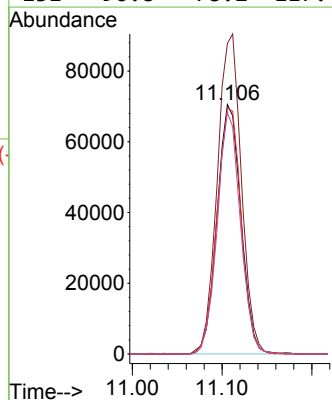
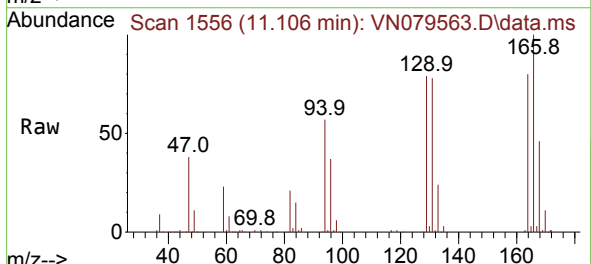
Instrument :
MSVOA_N
ClientSampleId :

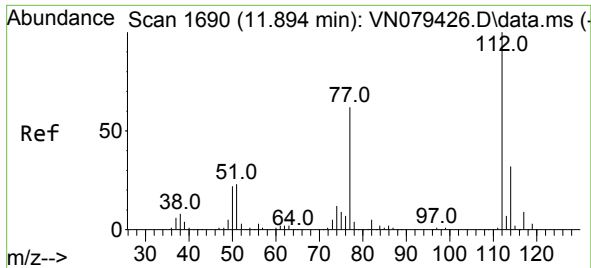
Tgt Ion:117 Resp: 387505
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 31.2 25.6 38.4



#64
Tetrachloroethene
Concen: 48.936 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion:164 Resp: 130451
Ion Ratio Lower Upper
164 100
166 124.5 101.4 152.0
129 98.6 82.4 123.6
131 96.8 78.2 117.4

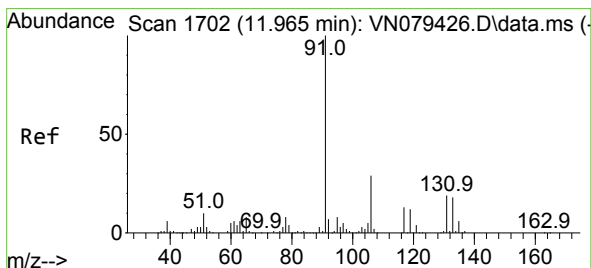
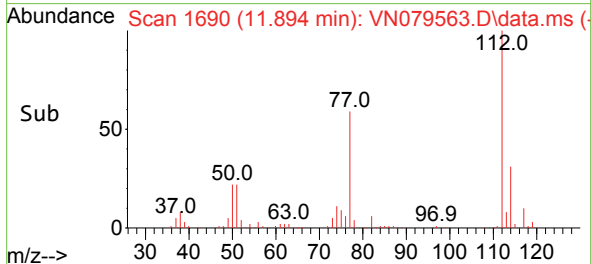
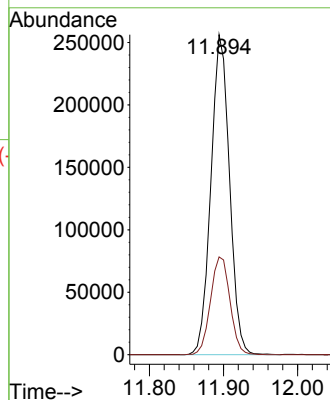
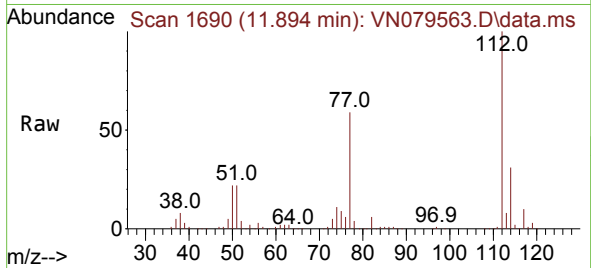




#65
Chlorobenzene
Concen: 51.695 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

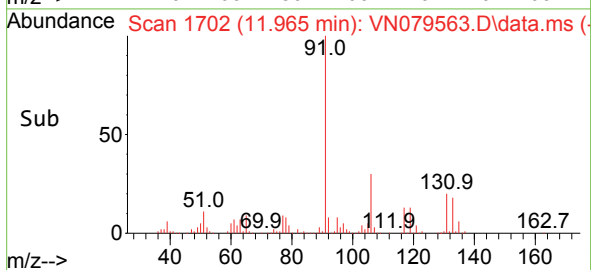
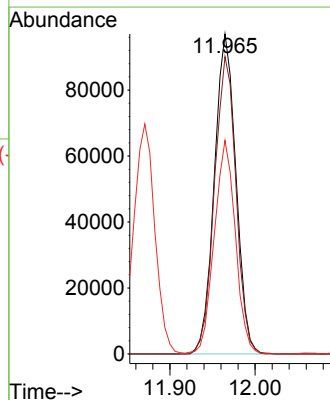
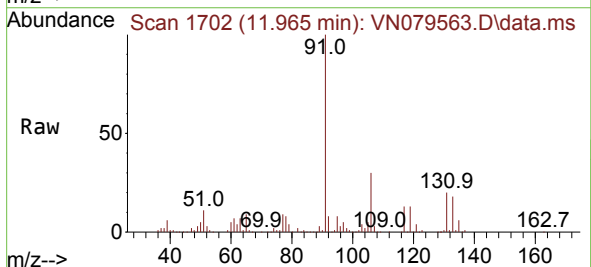
Instrument :
MSVOA_N
ClientSampleId :

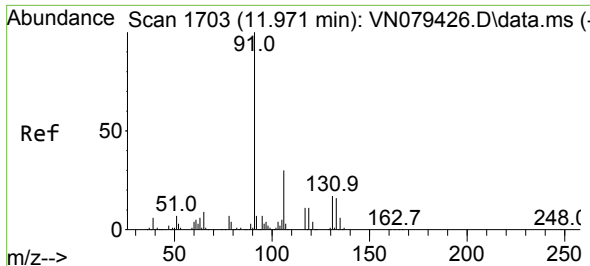
Tgt Ion:112 Resp: 446120
Ion Ratio Lower Upper
112 100
114 30.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.067 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion:131 Resp: 170838
Ion Ratio Lower Upper
131 100
133 92.5 46.4 139.1
119 65.2 34.1 102.2

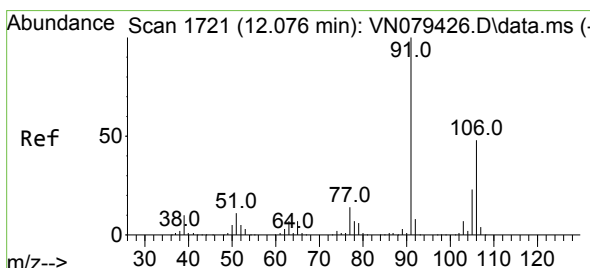
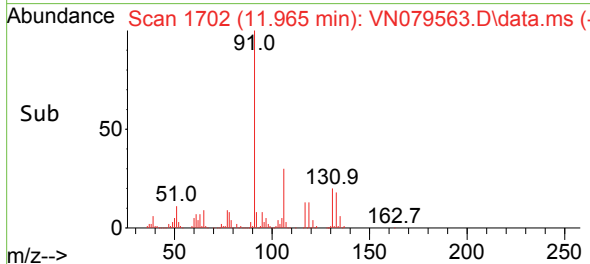
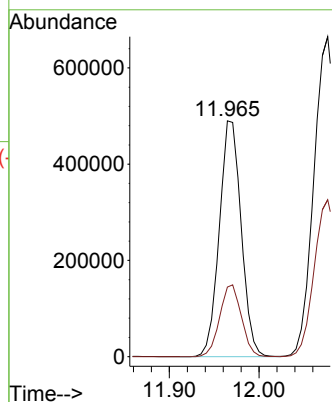
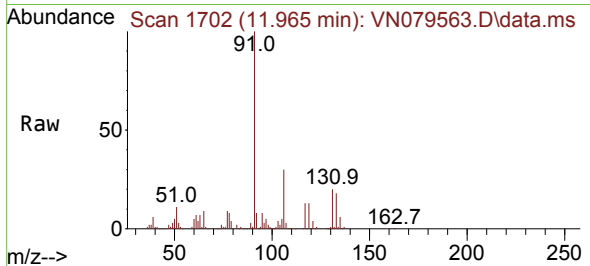




#67
Ethyl Benzene
Concen: 55.266 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

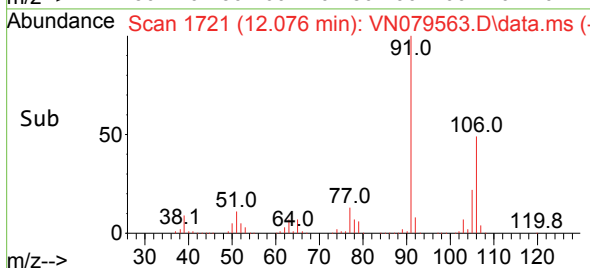
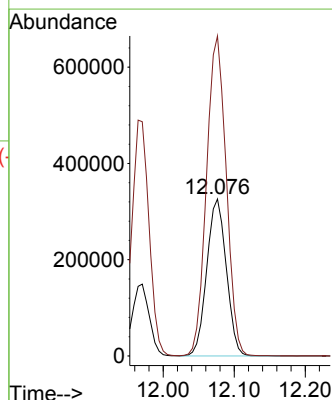
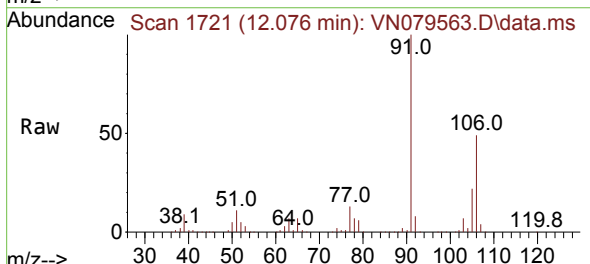
Instrument :
MSVOA_N
ClientSampleId :

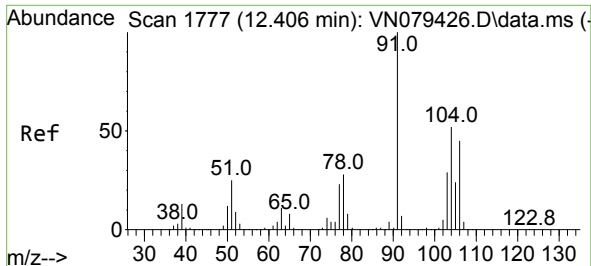
Tgt Ion: 91 Resp: 828973
Ion Ratio Lower Upper
91 100
106 29.5 25.6 38.4



#68
m/p-Xylenes
Concen: 114.444 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion:106 Resp: 623724
Ion Ratio Lower Upper
106 100
91 205.7 159.6 239.4

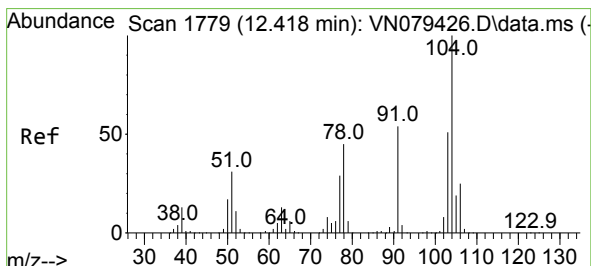
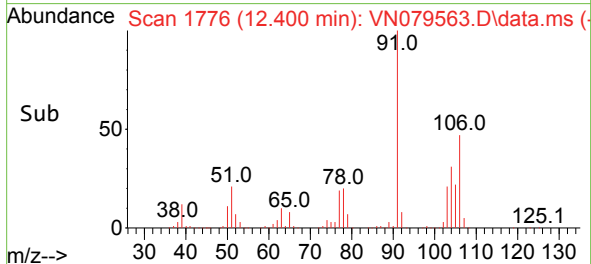
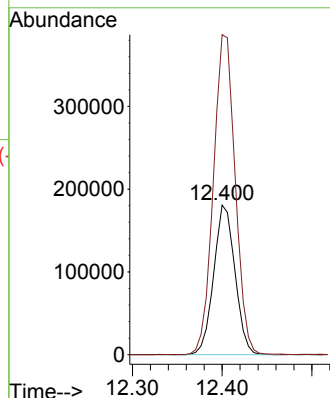
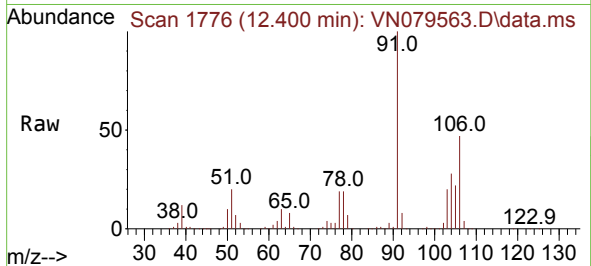




#69
o-Xylene
Concen: 55.508 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

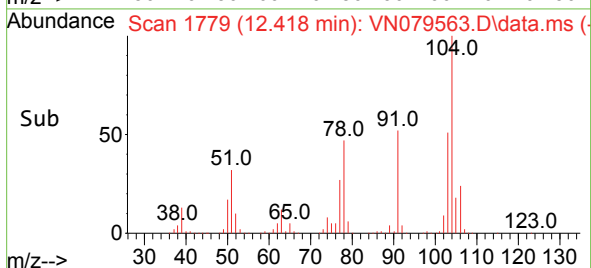
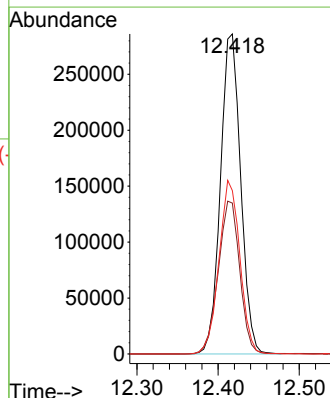
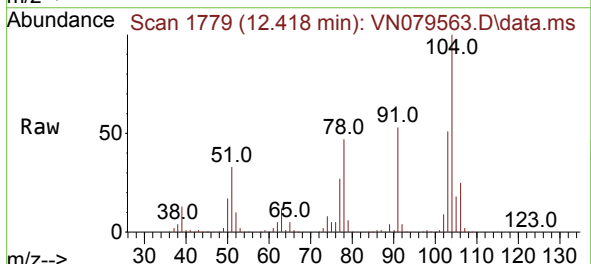
Instrument :
MSVOA_N
ClientSampleId :

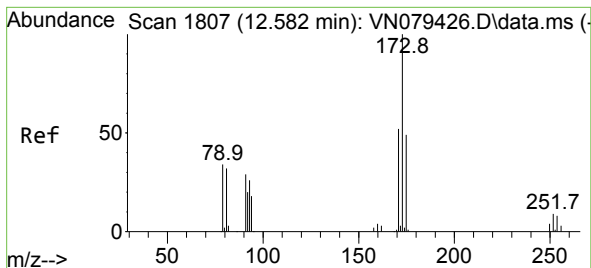
Tgt Ion:106 Resp: 297513
Ion Ratio Lower Upper
106 100
91 220.0 105.2 315.5



#70
Styrene
Concen: 58.601 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion:104 Resp: 496118
Ion Ratio Lower Upper
104 100
78 50.9 39.5 59.3
103 56.2 43.2 64.8





#71

Bromoform

Concen: 52.303 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079563.D

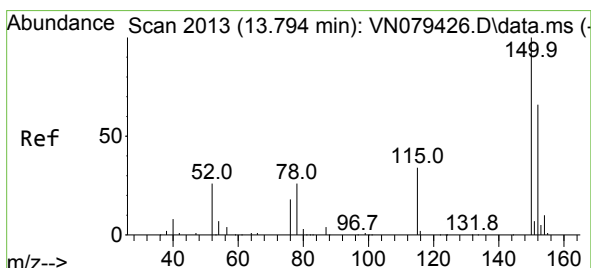
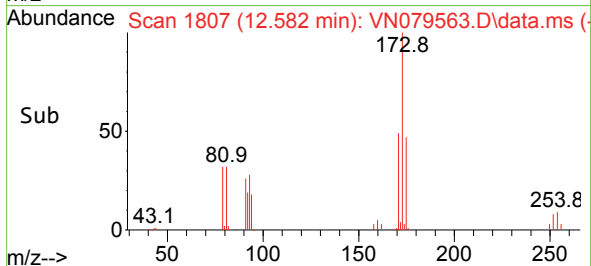
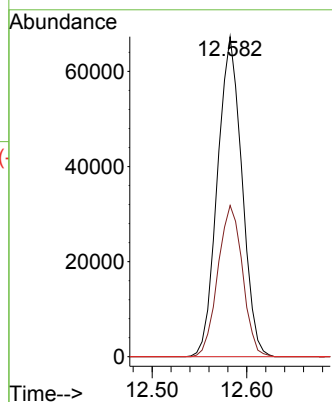
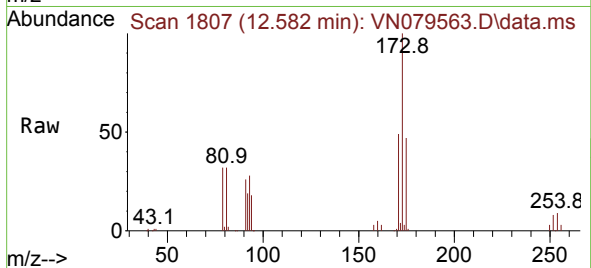
Acq: 13 Oct 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	120954
Ion Ratio	Lower	Upper	
173	100		
175	47.6	24.3	73.0
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

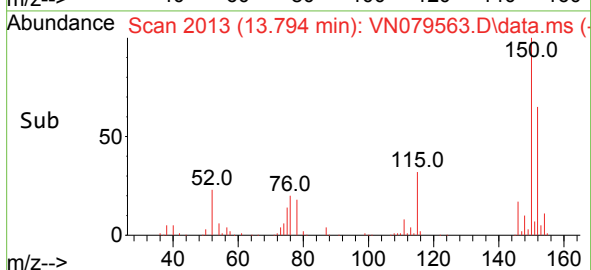
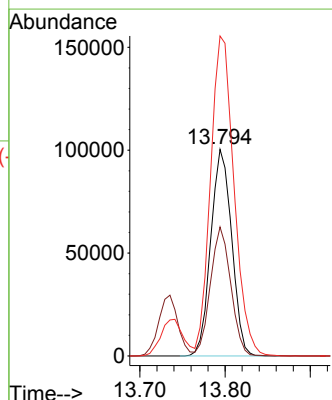
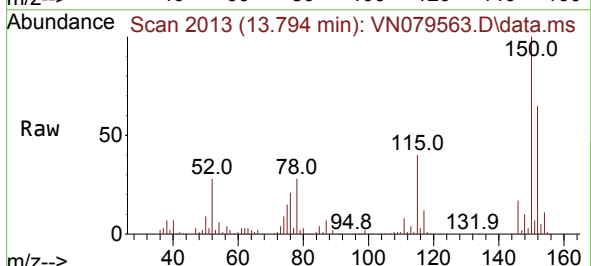
RT: 13.794 min Scan# 2013

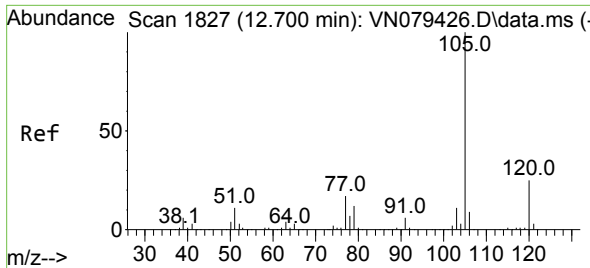
Delta R.T. 0.000 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

Tgt Ion:	152	Resp:	171254
Ion Ratio	Lower	Upper	
152	100		
115	60.7	32.3	96.8
150	173.6	0.0	355.8

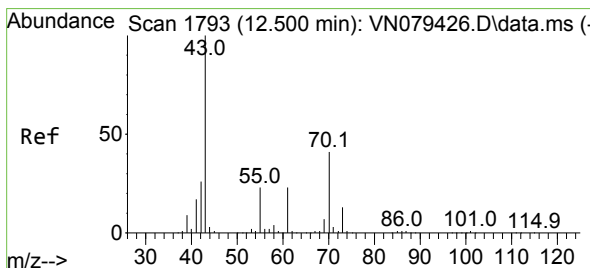
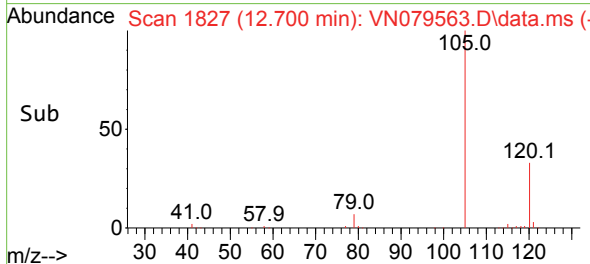
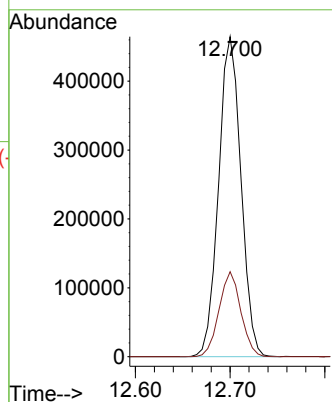
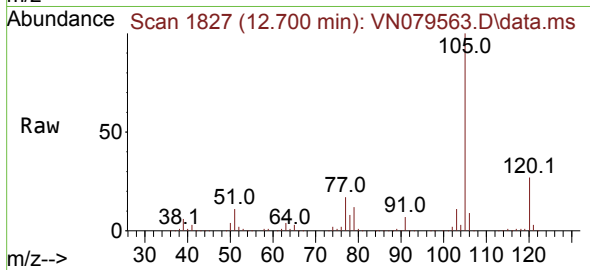




#73
Isopropylbenzene
Concen: 47.873 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

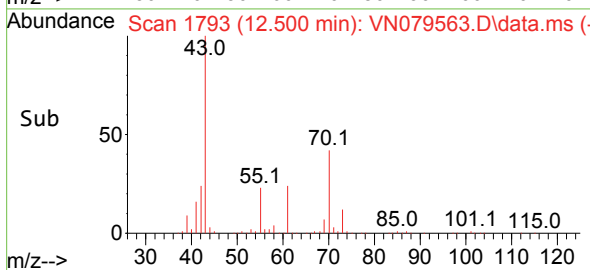
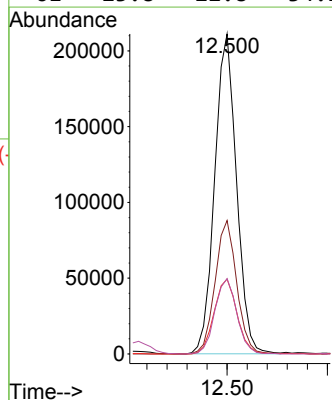
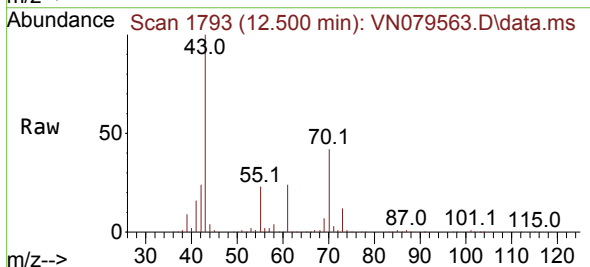
Instrument :
MSVOA_N
ClientSampleId :

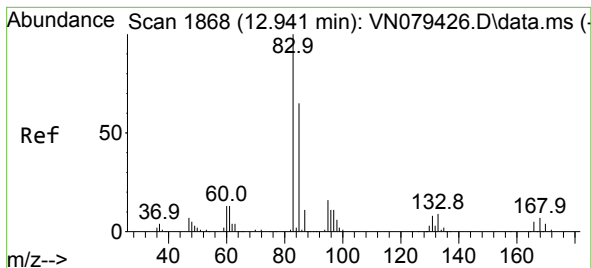
Tgt Ion:105 Resp: 762725
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1



#74
N-ethyl acetate
Concen: 48.707 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion: 43 Resp: 318132
Ion Ratio Lower Upper
43 100
70 41.6 43.4 65.2#
55 24.6 21.4 32.0
61 23.8 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.046 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

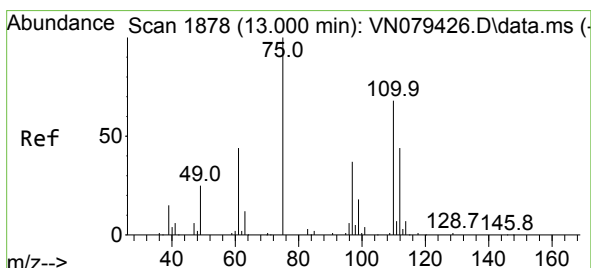
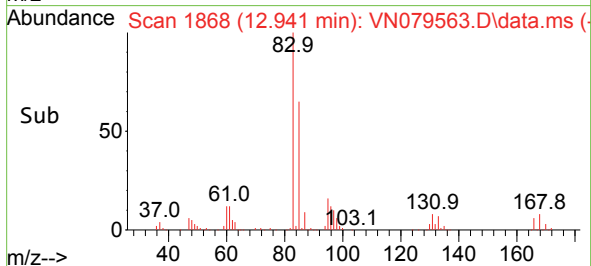
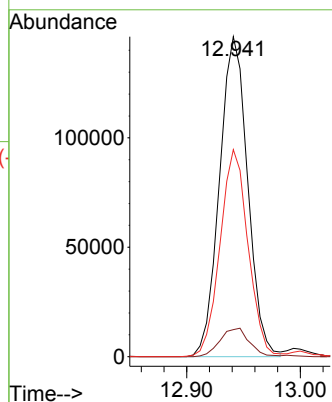
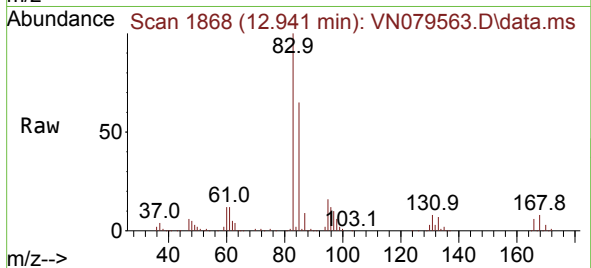
Tgt Ion: 83 Resp: 252335

Ion Ratio Lower Upper

83 100

131 9.5 5.0 15.0

85 64.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 61.969 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN079563.D

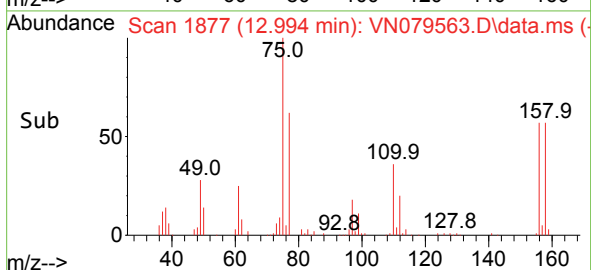
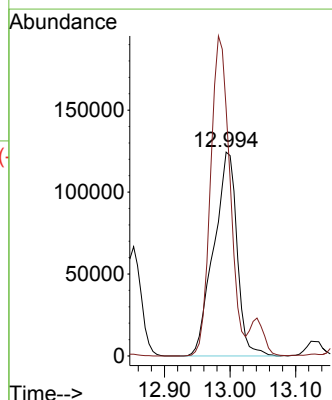
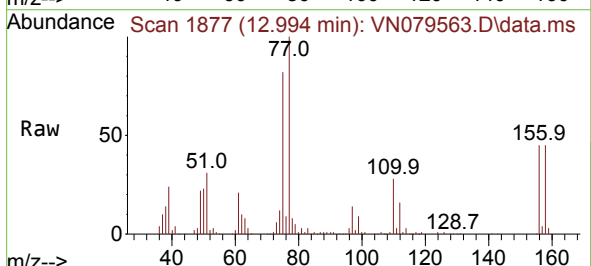
Acq: 13 Oct 2023 11:00

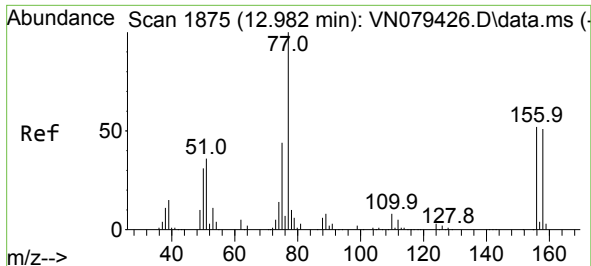
Tgt Ion: 75 Resp: 305986

Ion Ratio Lower Upper

75 100

77 130.3 84.5 253.5

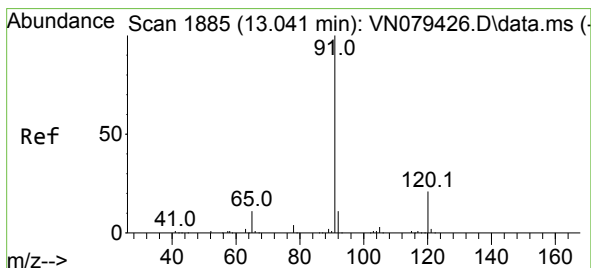
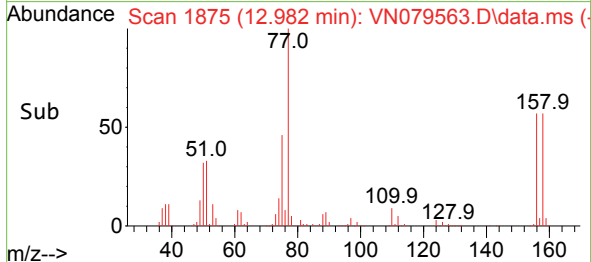
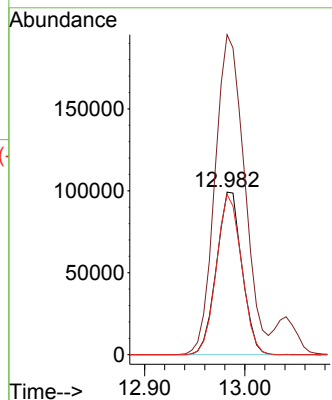
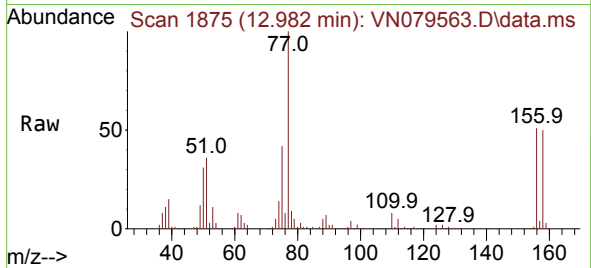




#77
Bromobenzene
Concen: 44.675 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

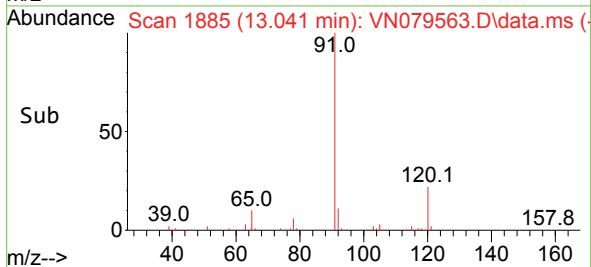
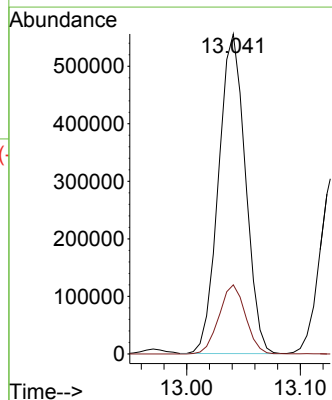
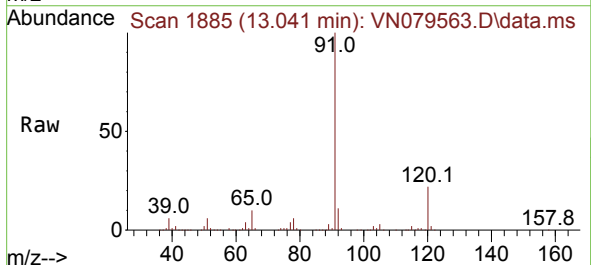
Instrument :
MSVOA_N
ClientSampleId :

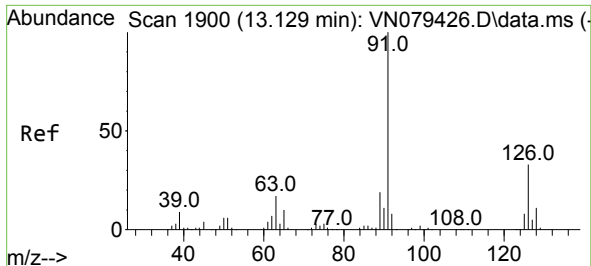
Tgt Ion:156 Resp: 174527
Ion Ratio Lower Upper
156 100
77 228.5 107.7 323.3
158 97.7 48.4 145.3



#78
n-propylbenzene
Concen: 50.625 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion: 91 Resp: 912565
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4

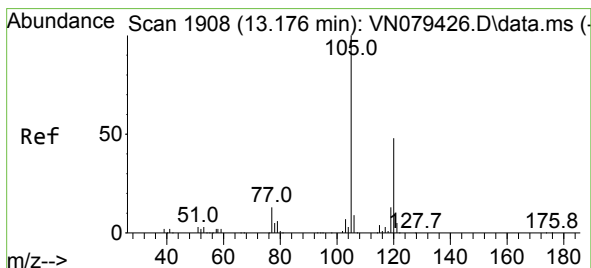
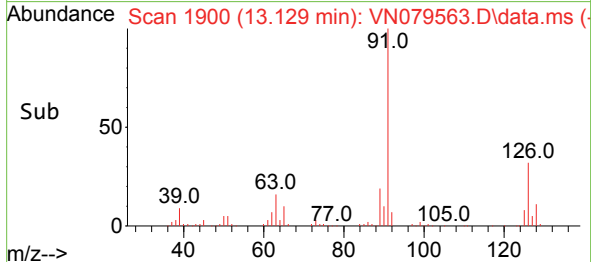
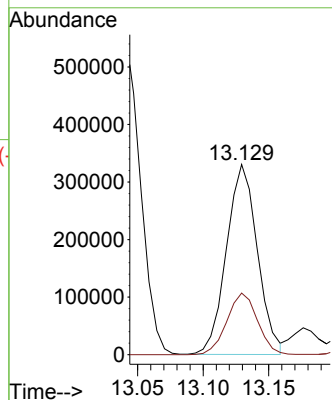
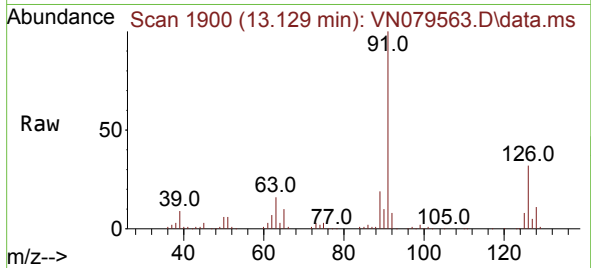




#79
2-Chlorotoluene
Concen: 47.029 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

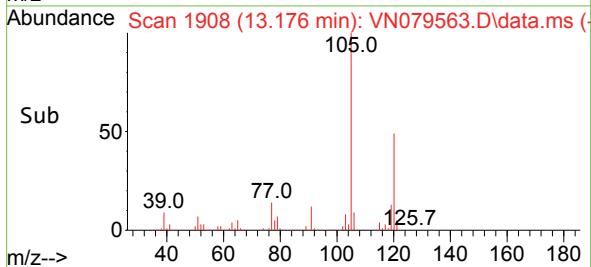
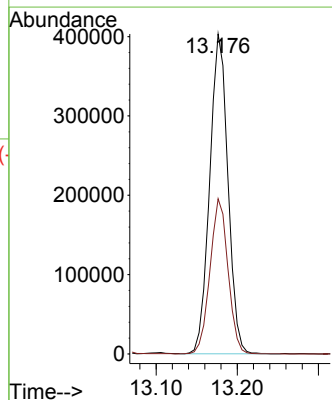
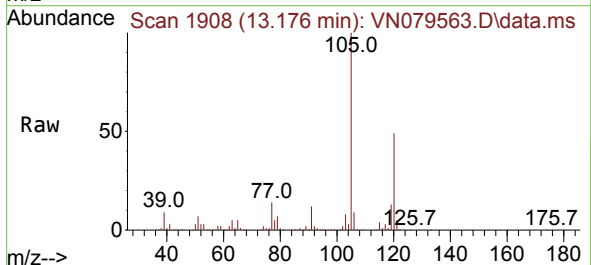
Instrument :
MSVOA_N
ClientSampleId :

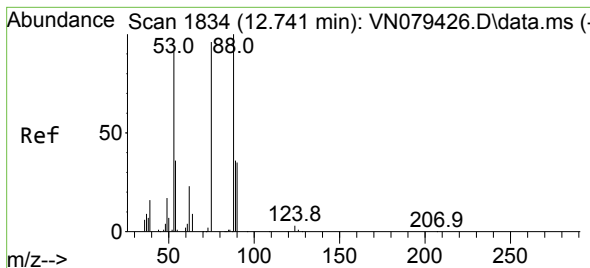
Tgt Ion: 91 Resp: 542469
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 49.850 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion: 105 Resp: 626280
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3

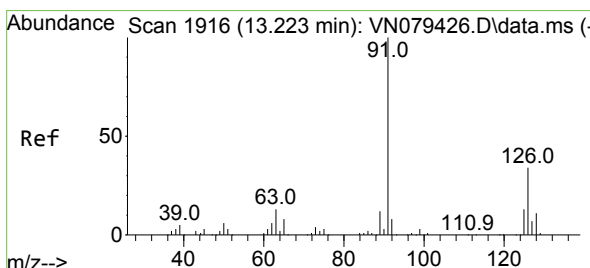
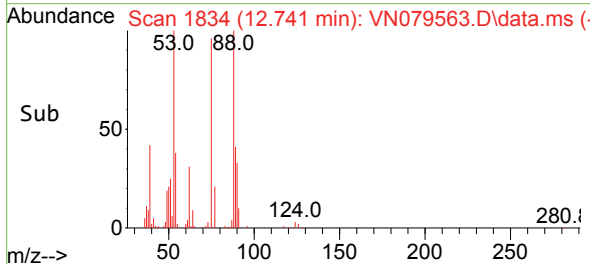
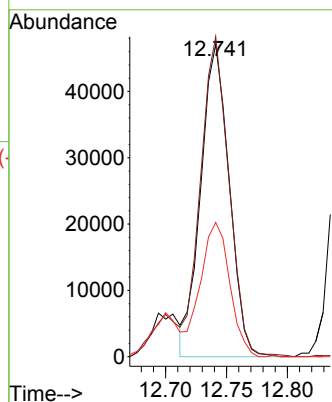
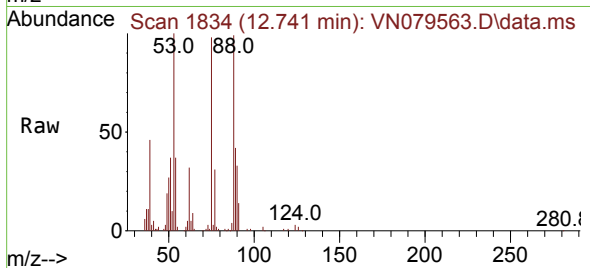




#81
trans-1,4-Dichloro-2-butene
Concen: 45.086 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

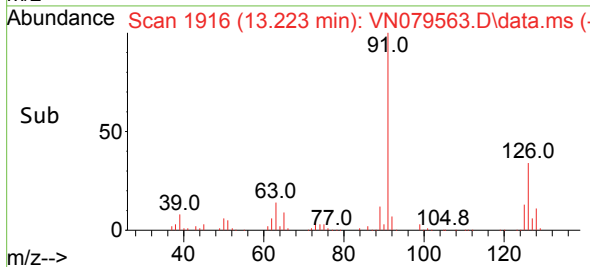
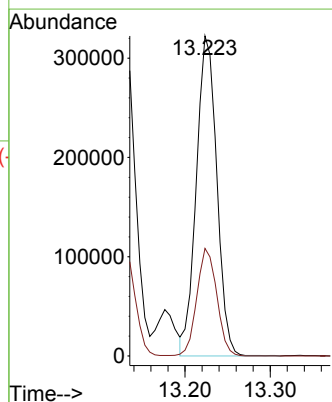
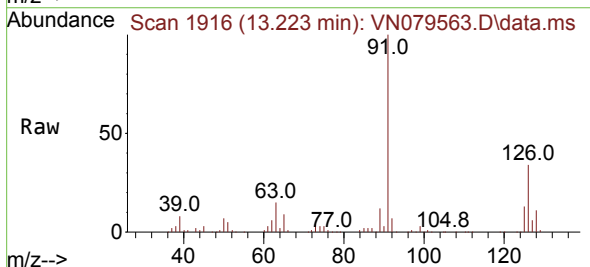
Instrument :
MSVOA_N
ClientSampleId :

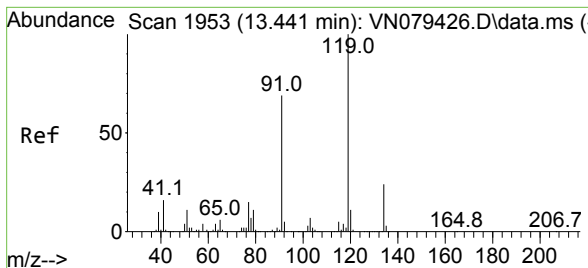
Tgt Ion: 75 Resp: 76725
Ion Ratio Lower Upper
75 100
53 102.3 67.4 101.2#
89 45.0 38.8 58.2



#82
4-Chlorotoluene
Concen: 49.034 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

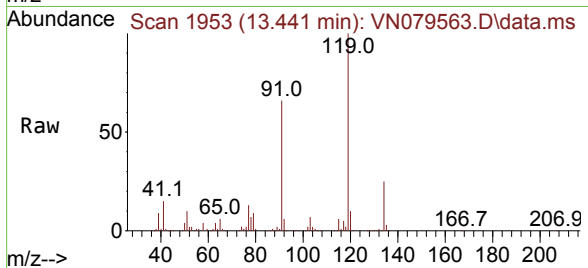
Tgt Ion: 91 Resp: 538210
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.0



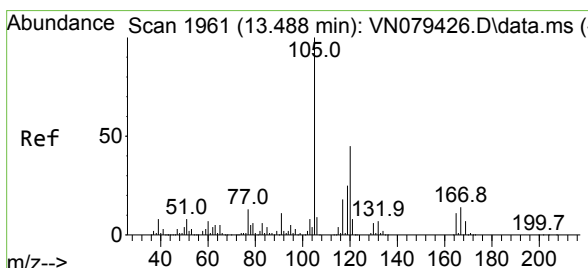
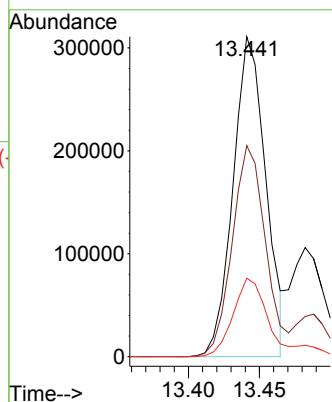
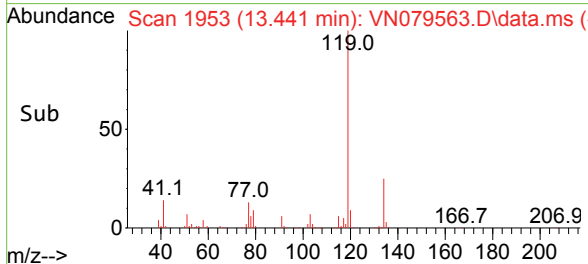


#83
tert-Butylbenzene
Concen: 48.439 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Instrument :
MSVOA_N
ClientSampleId :

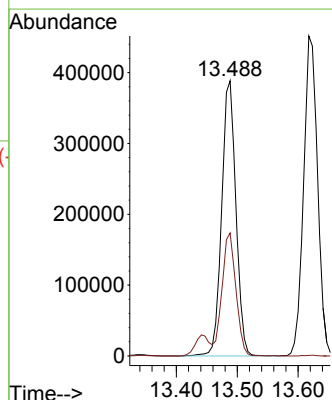
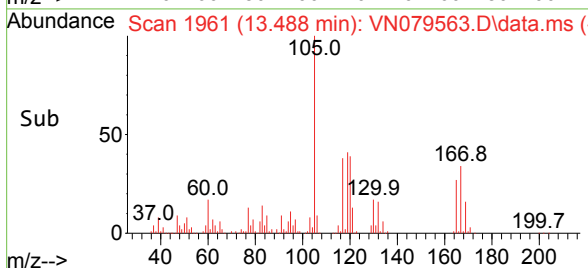
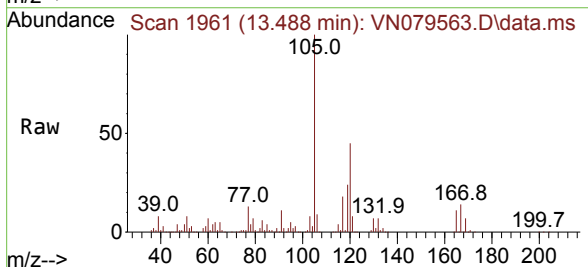


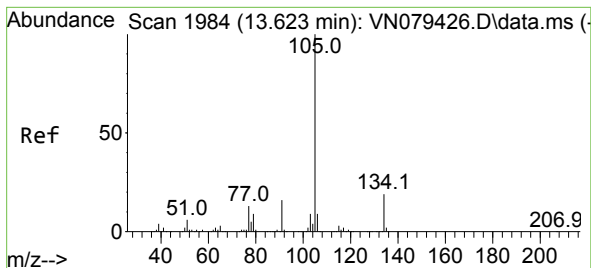
Tgt Ion:119 Resp: 498589
Ion Ratio Lower Upper
119 100
91 67.6 33.9 101.7
134 27.9 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 52.553 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079563.D
Acq: 13 Oct 2023 11:00

Tgt Ion:105 Resp: 630093
Ion Ratio Lower Upper
105 100
120 43.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 50.030 ug/l

RT: 13.618 min Scan# 1984

Delta R.T. -0.006 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

Instrument :

MSVOA_N

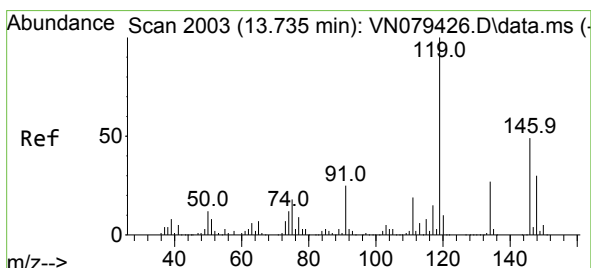
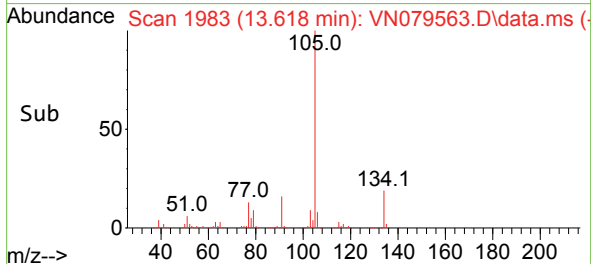
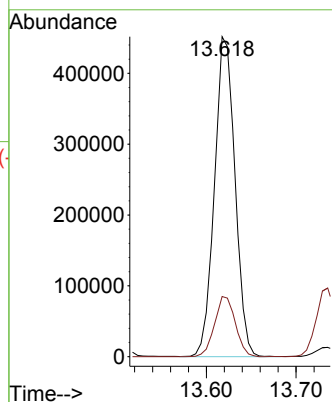
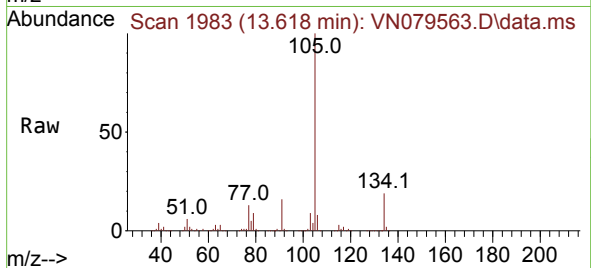
ClientSampleId :

Tgt Ion:105 Resp: 718290

Ion Ratio Lower Upper

105 100

134 19.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 52.875 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

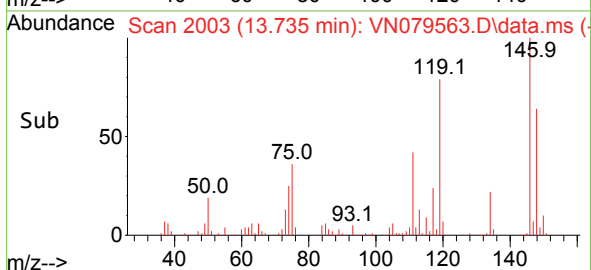
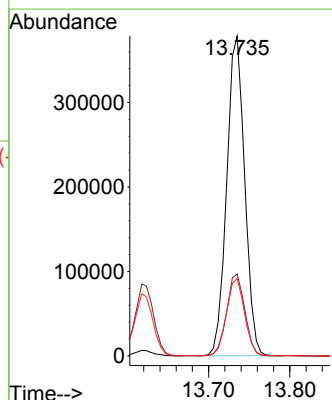
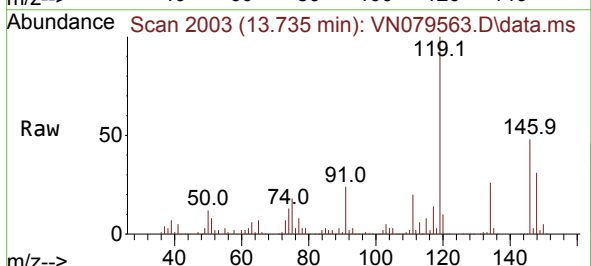
Tgt Ion:119 Resp: 582373

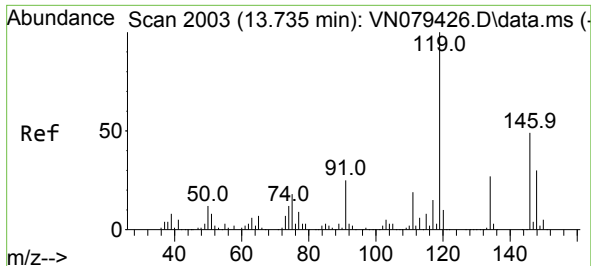
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 24.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.811 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

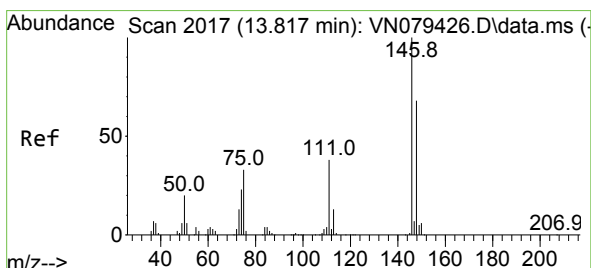
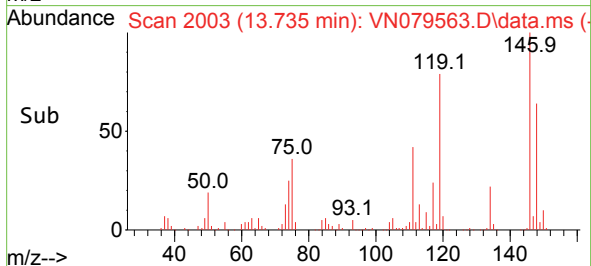
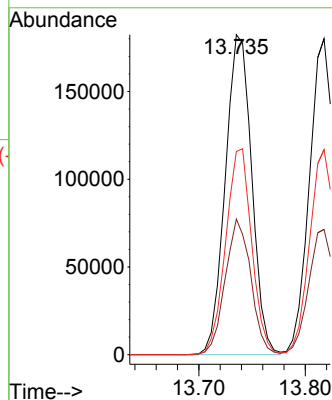
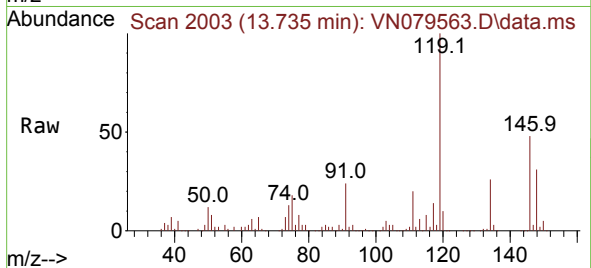
Tgt Ion:146 Resp: 314828

Ion Ratio Lower Upper

146 100

111 41.2 22.1 66.3

148 63.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 47.903 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

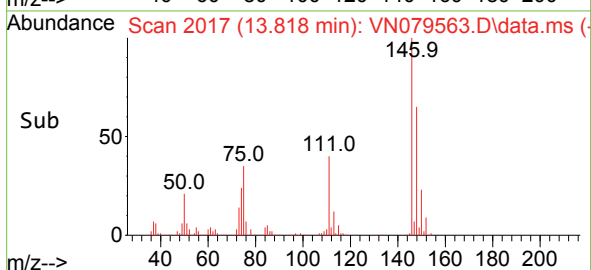
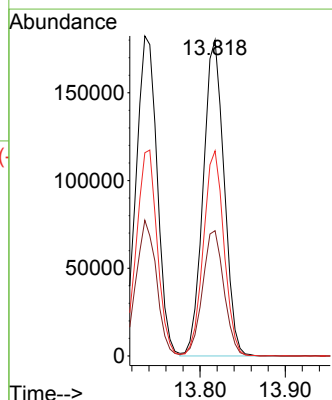
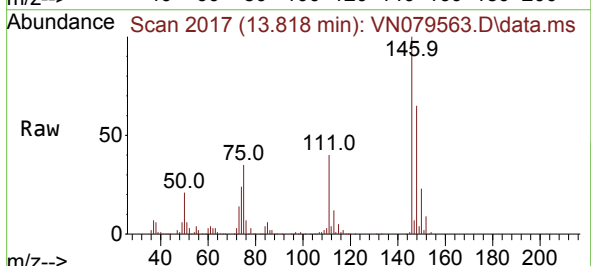
Tgt Ion:146 Resp: 306472

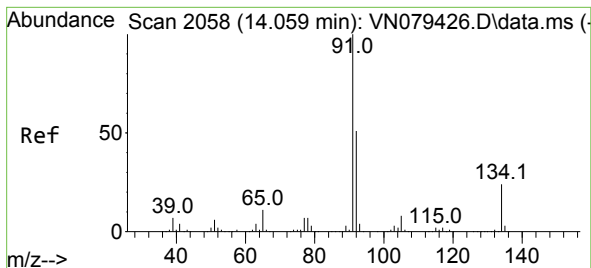
Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.8

148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 54.178 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

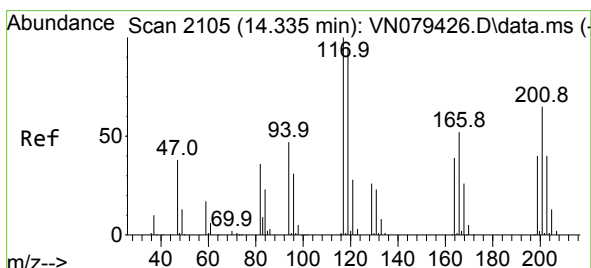
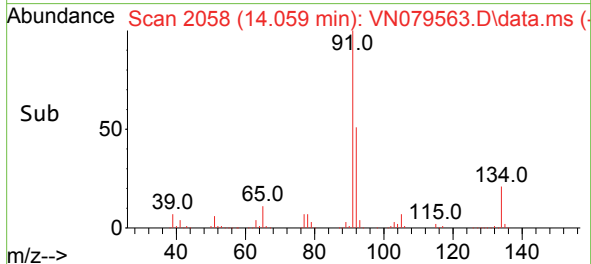
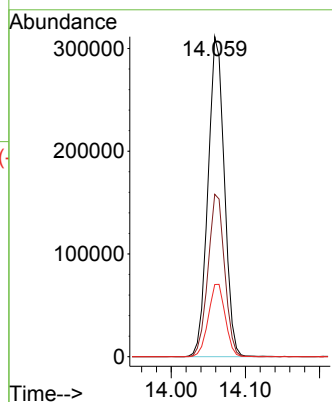
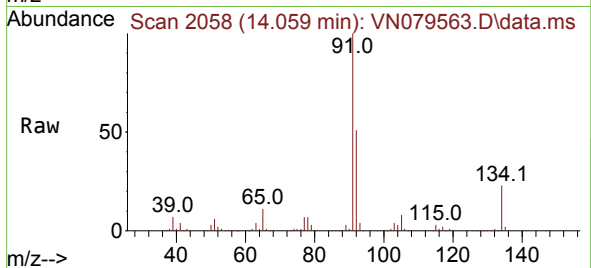
Tgt Ion: 91 Resp: 476520

Ion Ratio Lower Upper

91 100

92 51.6 26.4 79.0

134 23.5 12.6 37.6



#90

Hexachloroethane

Concen: 50.303 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079563.D

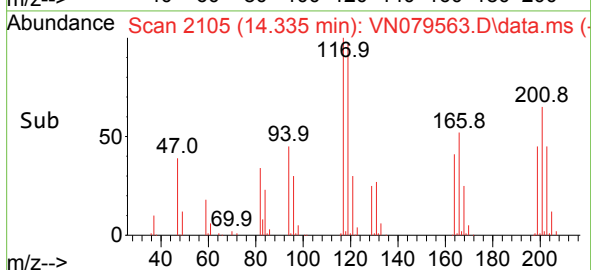
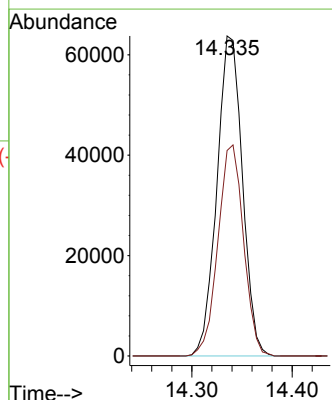
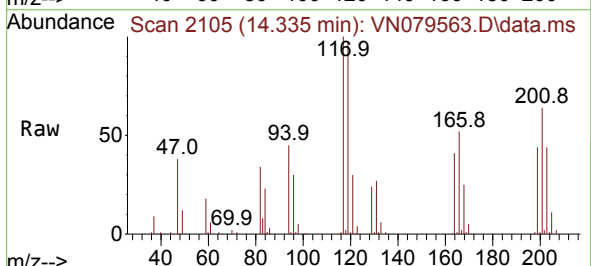
Acq: 13 Oct 2023 11:00

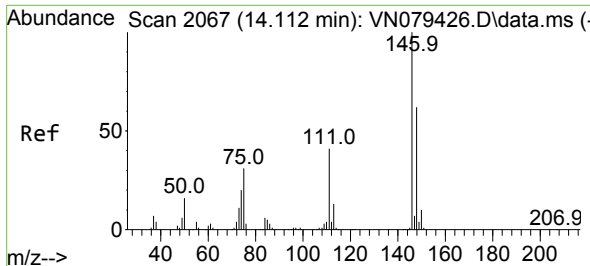
Tgt Ion: 117 Resp: 112466

Ion Ratio Lower Upper

117 100

201 66.0 29.3 88.0

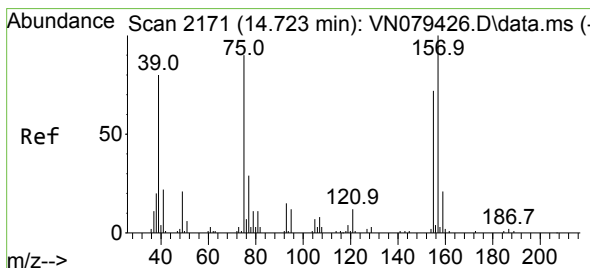
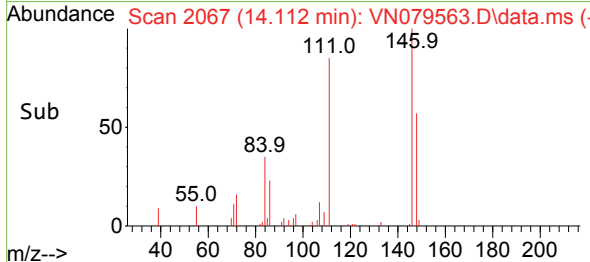
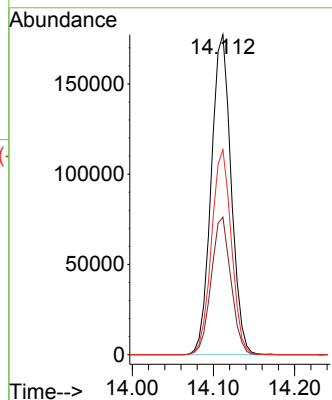
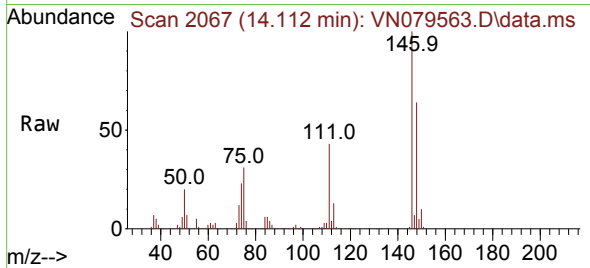




#91
 1,2-Dichlorobenzene
 Concen: 50.057 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN079563.D
 Acq: 13 Oct 2023 11:00

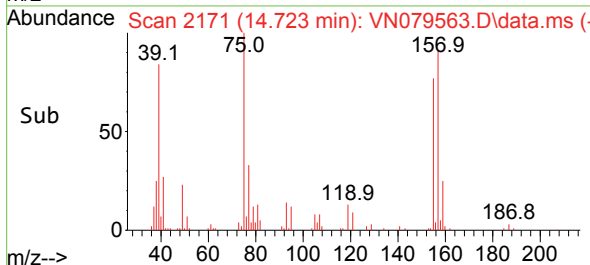
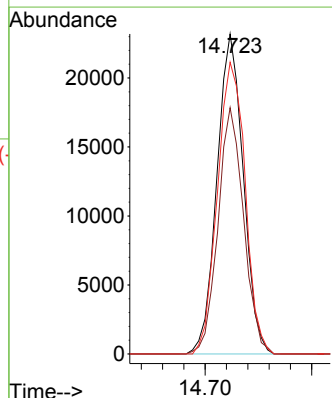
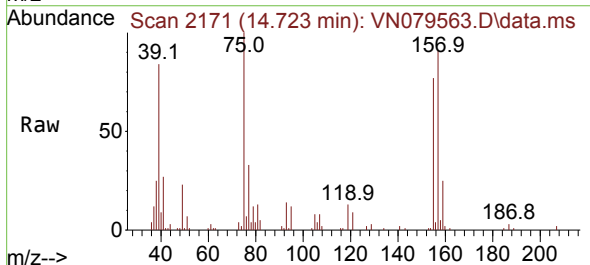
Instrument :
 MSVOA_N
 ClientSampleId :

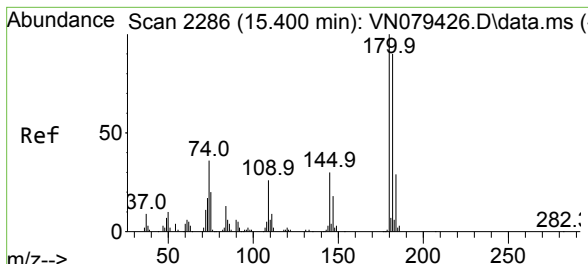
Tgt Ion:146 Resp: 302537
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.0 66.0
 148 64.0 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.137 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN079563.D
 Acq: 13 Oct 2023 11:00

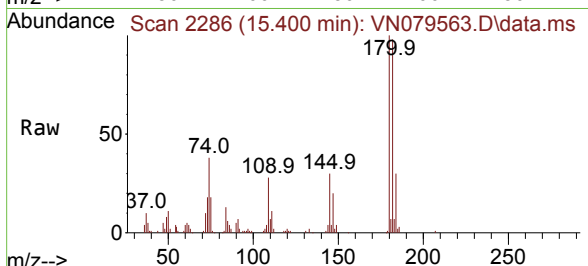
Tgt Ion: 75 Resp: 39741
 Ion Ratio Lower Upper
 75 100
 155 74.9 39.1 117.2
 157 96.1 50.3 150.9



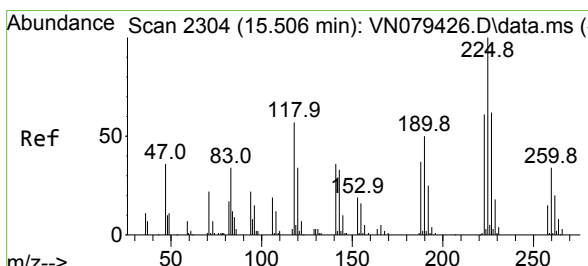
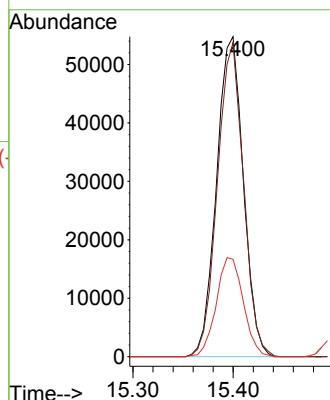
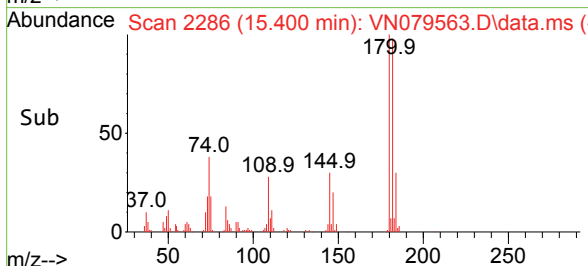


#93
 1,2,4-Trichlorobenzene
 Concen: 54.174 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079563.D
 Acq: 13 Oct 2023 11:00

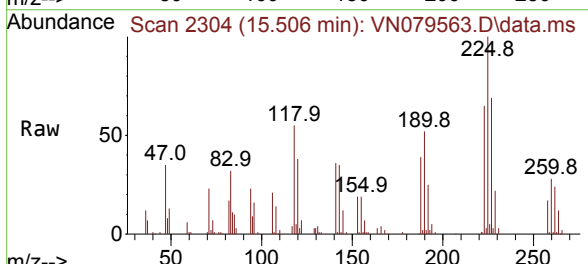
Instrument :
 MSVOA_N
 ClientSampleId :



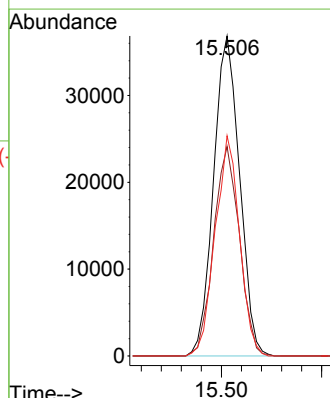
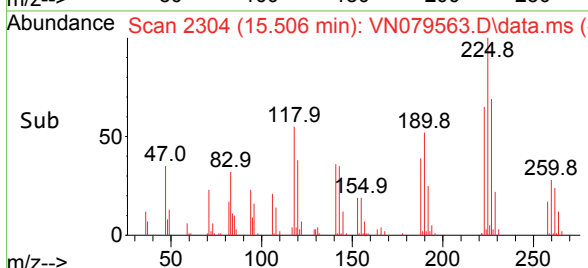
Tgt Ion:180 Resp: 101406
 Ion Ratio Lower Upper
 180 100
 182 95.5 46.1 138.2
 145 31.3 16.6 49.8

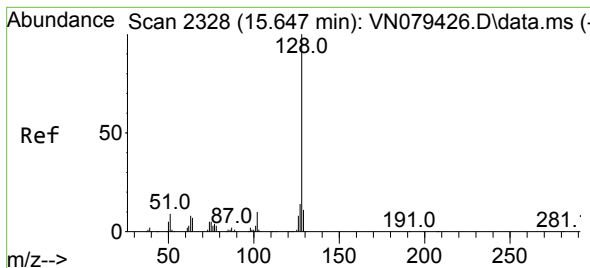


#94
 Hexachlorobutadiene
 Concen: 45.541 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN079563.D
 Acq: 13 Oct 2023 11:00



Tgt Ion:225 Resp: 66394
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.3 93.8
 227 64.3 31.9 95.9





#95

Naphthalene

Concen: 48.161 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

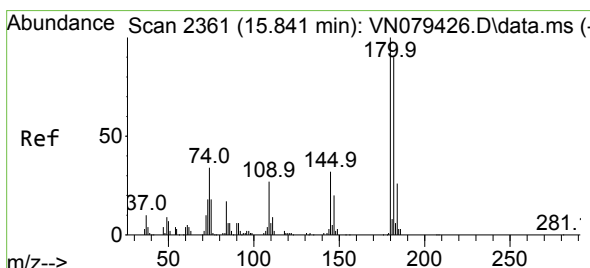
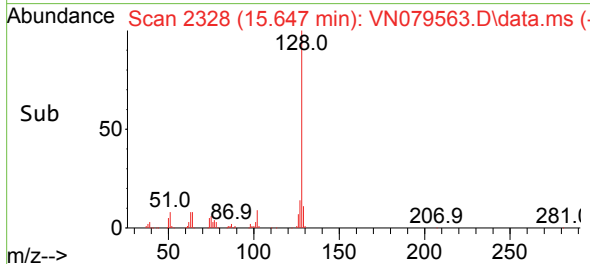
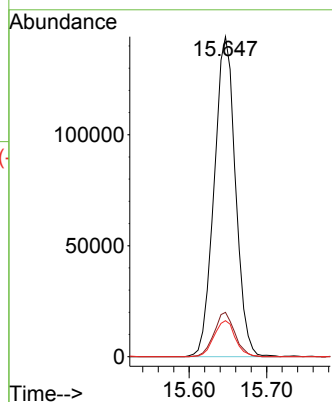
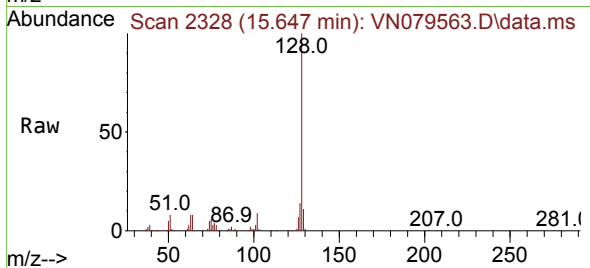
Tgt Ion:128 Resp: 275291

Ion Ratio Lower Upper

128 100

127 13.5 10.0 15.0

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.500 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079563.D

Acq: 13 Oct 2023 11:00

Tgt Ion:180 Resp: 108338

Ion Ratio Lower Upper

180 100

182 93.7 46.2 138.6

145 33.7 17.5 52.6

