

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079768.D
 Acq On : 01 Nov 2023 13:36
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 02 05:52:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	333433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	567637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	505105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	237827	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	257710	50.731	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.460%	
35) Dibromofluoromethane	8.165	113	211766	52.711	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.420%	
50) Toluene-d8	10.571	98	794768	53.737	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.480%	
62) 4-Bromofluorobenzene	12.853	95	267594	54.555	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.100%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	194098	48.328	ug/l	100
3) Chloromethane	2.359	50	226127	45.024	ug/l	97
4) Vinyl Chloride	2.512	62	242147	46.059	ug/l	98
5) Bromomethane	2.948	94	156391	48.959	ug/l	99
6) Chloroethane	3.118	64	173294	41.717	ug/l	99
7) Trichlorofluoromethane	3.495	101	316197	48.357	ug/l	99
8) Diethyl Ether	3.959	74	122063	49.192	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.377	101	178622	47.122	ug/l	98
10) Methyl Iodide	4.589	142	211706	48.907	ug/l	98
11) Tert butyl alcohol	5.524	59	142172	219.240	ug/l	100
12) 1,1-Dichloroethene	4.342	96	172052	47.938	ug/l	85
13) Acrolein	4.177	56	120078	232.841	ug/l	97
14) Allyl chloride	5.018	41	261219	47.520	ug/l	91
15) Acrylonitrile	5.718	53	467576	231.372	ug/l	99
16) Acetone	4.424	43	375432	210.398	ug/l	93
17) Carbon Disulfide	4.712	76	482500	46.607	ug/l	99
18) Methyl Acetate	5.024	43	374392	43.855	ug/l #	86
19) Methyl tert-butyl Ether	5.794	73	599504	48.517	ug/l	94
20) Methylene Chloride	5.271	84	201948	44.853	ug/l #	87
21) trans-1,2-Dichloroethene	5.789	96	188196	47.016	ug/l	84
22) Diisopropyl ether	6.671	45	635794	49.909	ug/l #	91
23) Vinyl Acetate	6.606	43	1745615	248.422	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	375045	48.438	ug/l	98
25) 2-Butanone	7.483	43	616812	236.057	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	310690	48.518	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	229618	47.956	ug/l	91
28) Bromochloromethane	7.812	49	187872	49.789	ug/l #	79
29) Tetrahydrofuran	7.835	42	401430	236.130	ug/l #	78
30) Chloroform	7.971	83	380477	45.238	ug/l	89
31) Cyclohexane	8.259	56	310077	46.193	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	332812	48.565	ug/l	96
36) 1,1-Dichloropropene	8.371	75	284612	49.616	ug/l	96
37) Ethyl Acetate	7.559	43	255648	48.594	ug/l #	93
38) Carbon Tetrachloride	8.365	117	284636	49.235	ug/l	96
39) Methylcyclohexane	9.600	83	277481	51.400	ug/l #	89
40) Benzene	8.606	78	848022	49.358	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	137357	49.168	ug/l	88
42) 1,2-Dichloroethane	8.671	62	290681	48.435	ug/l	98
43) Isopropyl Acetate	8.688	43	427341	46.319	ug/l #	93
44) Trichloroethene	9.359	130	208768	48.968	ug/l	98
45) 1,2-Dichloropropane	9.624	63	218220	49.700	ug/l	99
46) Dibromomethane	9.712	93	147734	49.277	ug/l	94
47) Bromodichloromethane	9.888	83	303376	47.448	ug/l	98
48) Methyl methacrylate	9.682	41	207670	51.389	ug/l #	82
49) 1,4-Dioxane	9.700	88	70977	993.992	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1289043	248.171	ug/l	91
52) Toluene	10.635	92	521528	51.202	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	322463	51.445	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	353567	51.751	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	203457	49.662	ug/l	96
56) Ethyl methacrylate	10.876	69	308167	52.735	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	355652	49.250	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	814522	275.007	ug/l	91
59) 2-Hexanone	11.200	43	961951	242.090	ug/l	90
60) Dibromochloromethane	11.365	129	219530	50.060	ug/l	100
61) 1,2-Dibromoethane	11.471	107	200626	48.791	ug/l	99
64) Tetrachloroethene	11.106	164	164202	50.194	ug/l	97
65) Chlorobenzene	11.894	112	539411	49.231	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	199747	50.600	ug/l	97
67) Ethyl Benzene	11.965	91	999566	52.362	ug/l	97
68) m/p-Xylenes	12.076	106	750686	105.565	ug/l	96
69) o-Xylene	12.400	106	360552	52.654	ug/l	94
70) Styrene	12.412	104	622149	56.535	ug/l	99
71) Bromoform	12.582	173	145262	51.822	ug/l #	100
73) Isopropylbenzene	12.700	105	920456	50.996	ug/l	100
74) N-amyl acetate	12.494	43	383699	48.702	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	292587	45.719	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	365560	65.472	ug/l	73
77) Bromobenzene	12.982	156	221370	50.095	ug/l	98
78) n-propylbenzene	13.041	91	1084672	52.477	ug/l	97
79) 2-Chlorotoluene	13.129	91	655899	49.673	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	731779	52.109	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	92154	44.906	ug/l #	87
82) 4-Chlorotoluene	13.223	91	659120	50.233	ug/l	99
83) tert-Butylbenzene	13.441	119	599442	52.148	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	736331	53.294	ug/l	98
85) sec-Butylbenzene	13.617	105	833238	52.320	ug/l	99
86) p-Isopropyltoluene	13.735	119	696371	53.631	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	402253	48.932	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	400708	48.022	ug/l	99
89) n-Butylbenzene	14.059	91	582770	52.110	ug/l	99
90) Hexachloroethane	14.335	117	122143	47.499	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	387694	49.958	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	51647	47.589	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	179211	48.567	ug/l	98
94) Hexachlorobutadiene	15.506	225	72206	43.166	ug/l	98
95) Naphthalene	15.647	128	576639	46.081	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	170465	47.129	ug/l	97

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QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

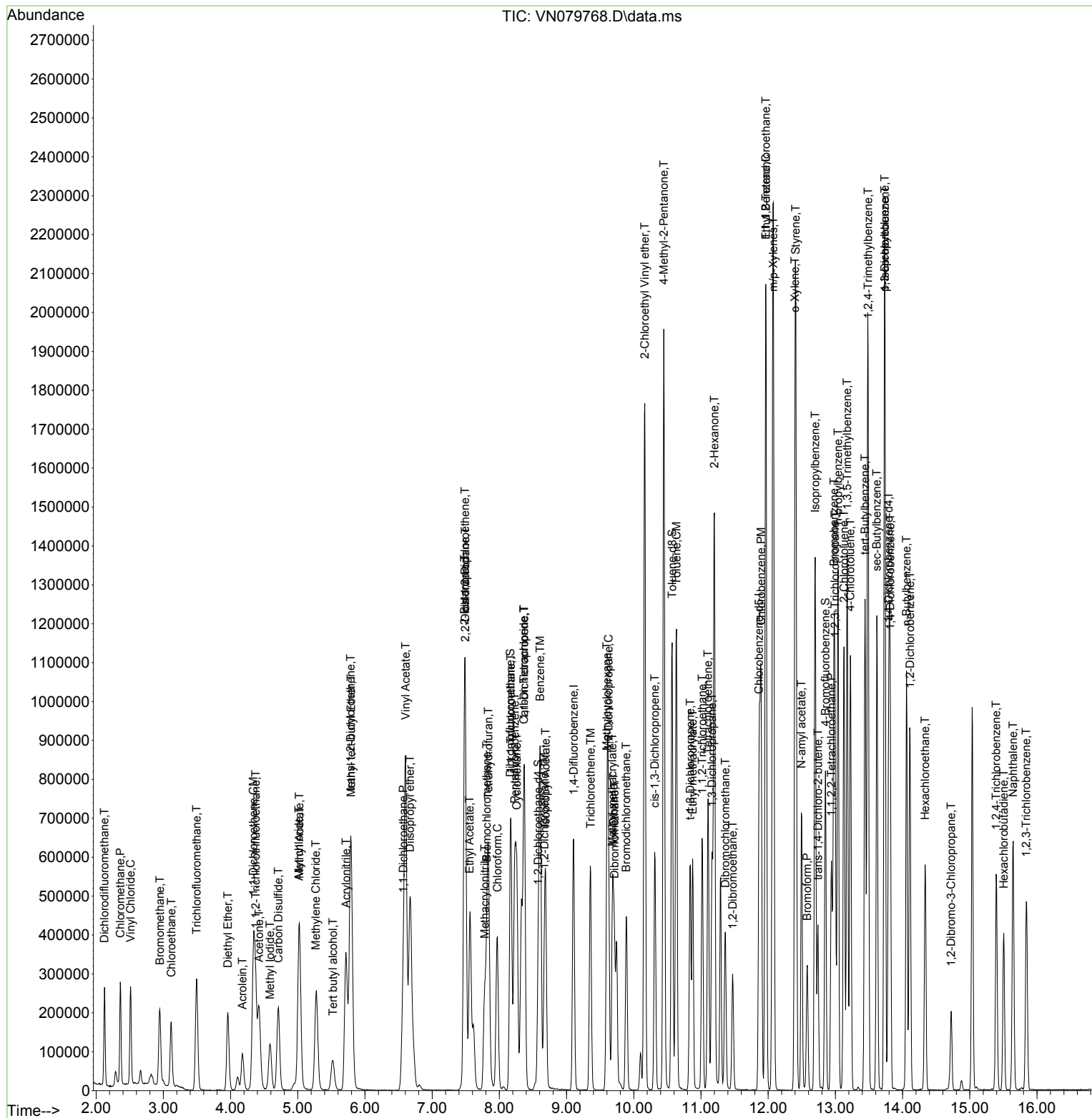
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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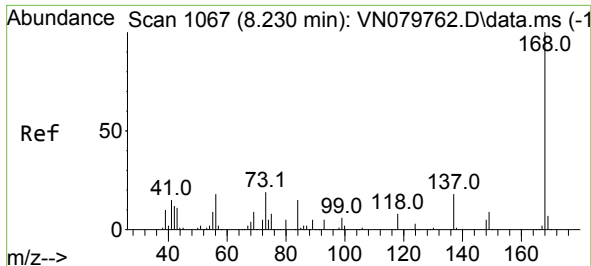
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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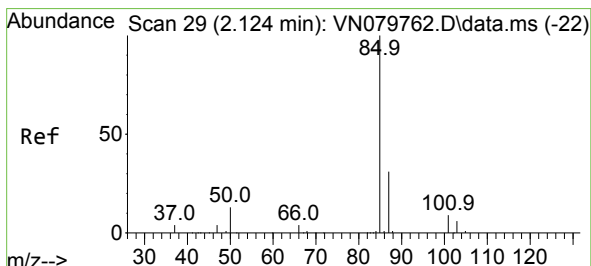
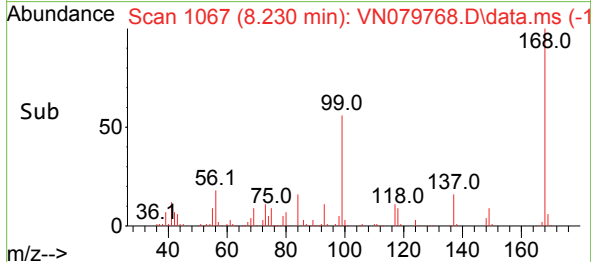
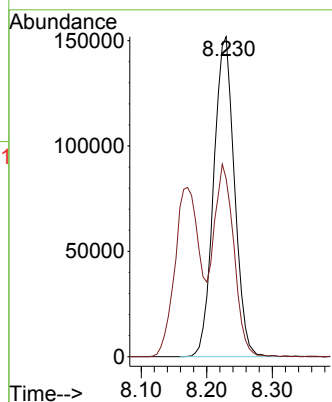
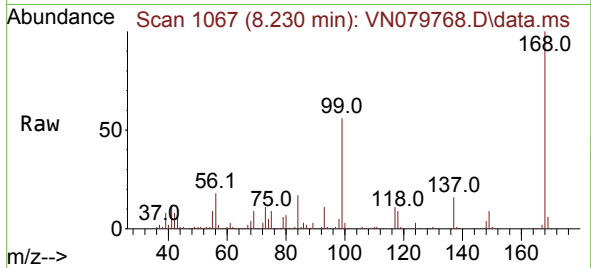




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079768.D
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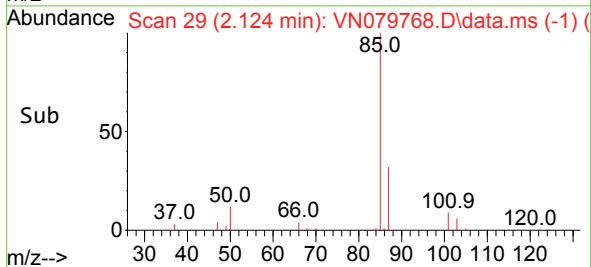
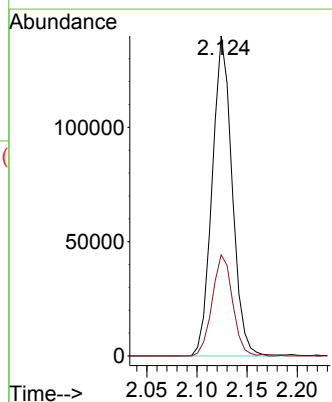
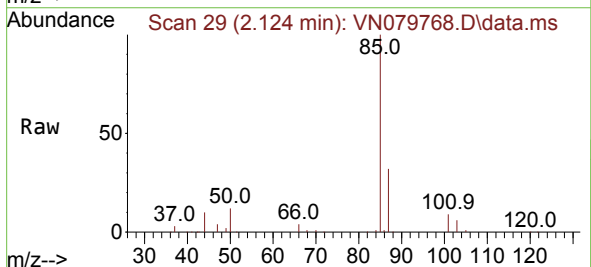
Instrument :
MSVOA_N
ClientSampleId :

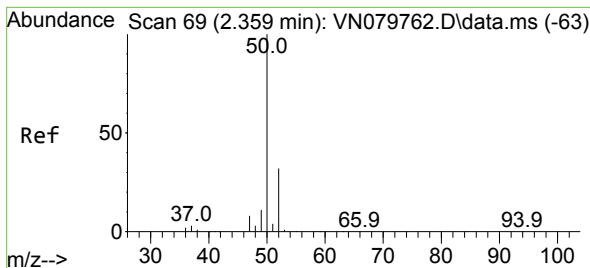
Tgt Ion:168 Resp: 333433
Ion Ratio Lower Upper
168 100
99 55.6 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 48.328 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion: 85 Resp: 194098
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4





#3

Chloromethane

Concen: 45.024 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

Instrument :

MSVOA_N

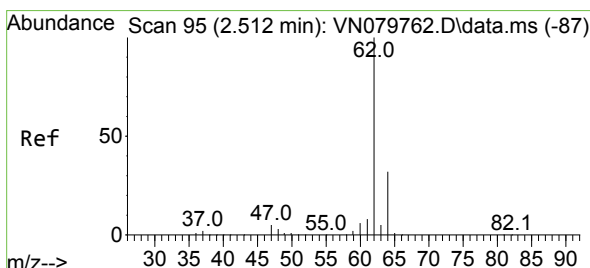
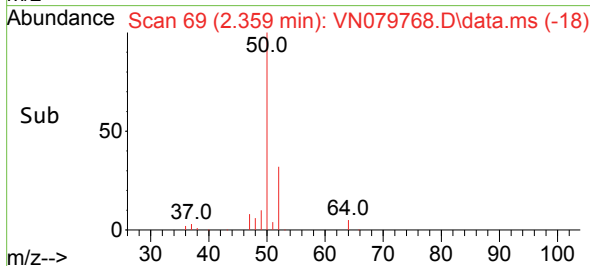
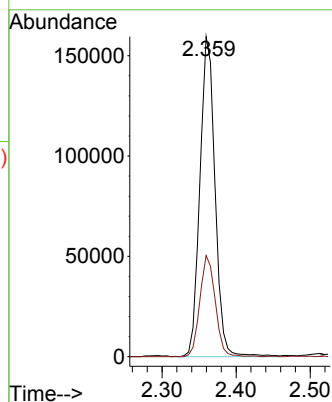
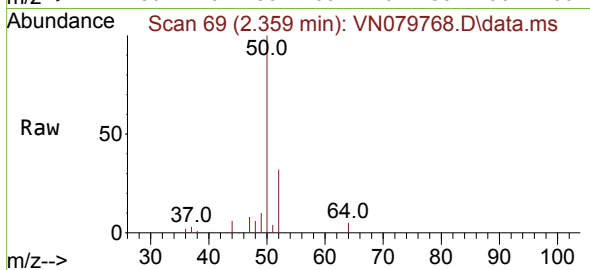
ClientSampleId :

Tgt Ion: 50 Resp: 226127

Ion Ratio Lower Upper

50 100

52 31.6 26.5 39.7



#4

Vinyl Chloride

Concen: 46.059 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079768.D

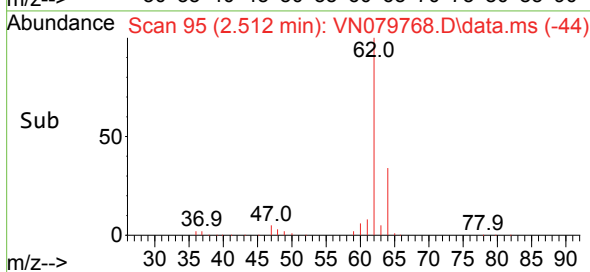
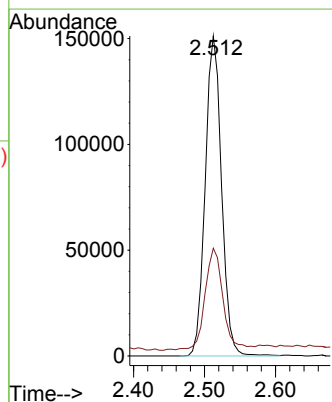
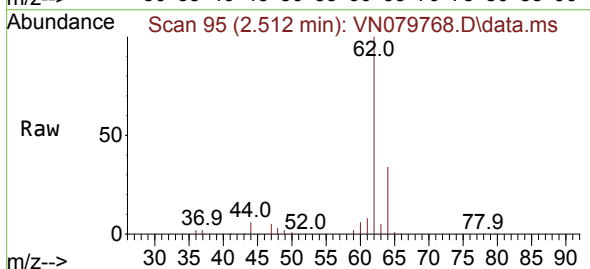
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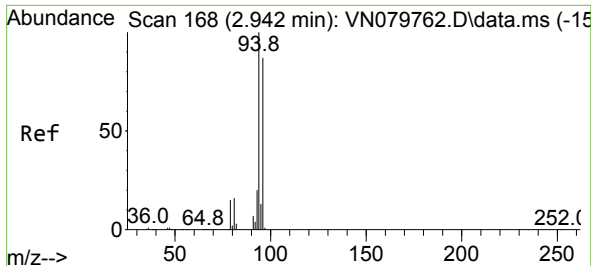
Tgt Ion: 62 Resp: 242147

Ion Ratio Lower Upper

62 100

64 31.4 26.2 39.2

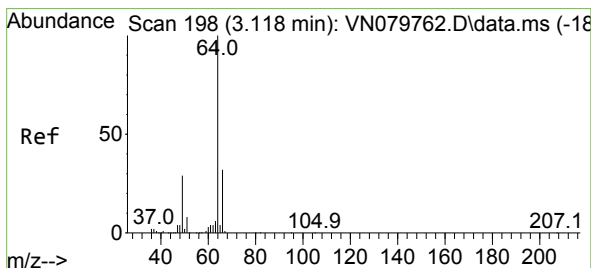
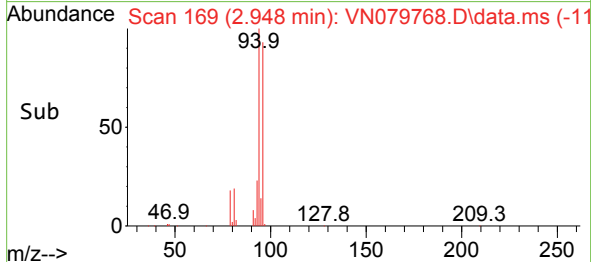
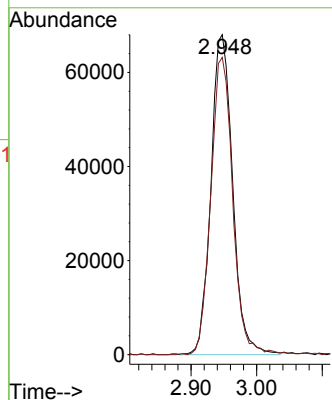
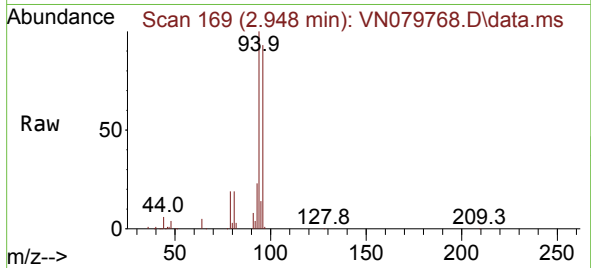




#5
Bromomethane
Concen: 48.959 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
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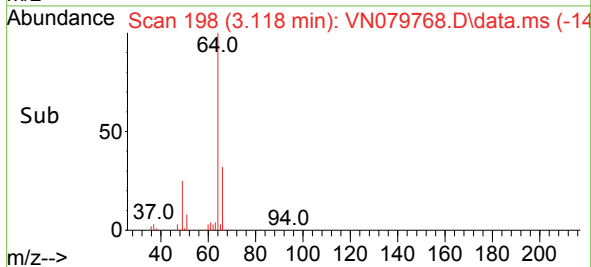
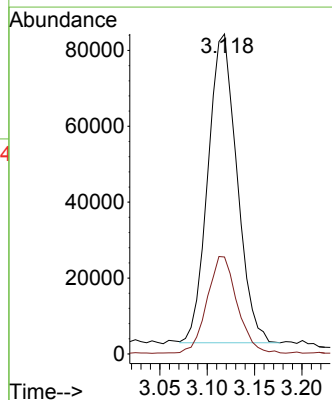
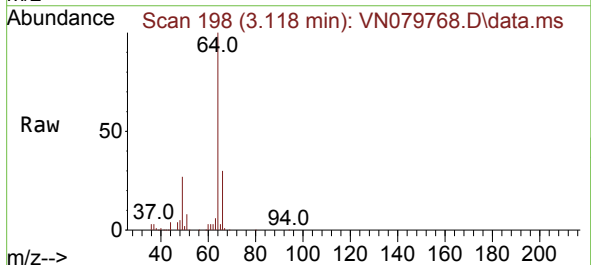
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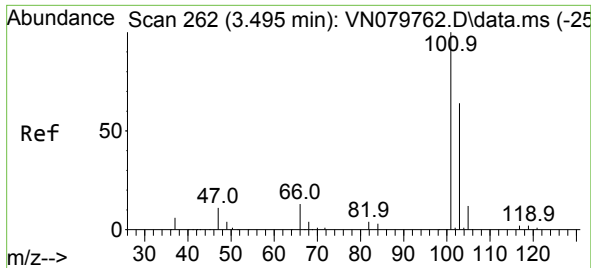
Tgt Ion: 94 Resp: 156391
Ion Ratio Lower Upper
94 100
96 92.7 73.1 109.7



#6
Chloroethane
Concen: 41.717 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion: 64 Resp: 173294
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.2

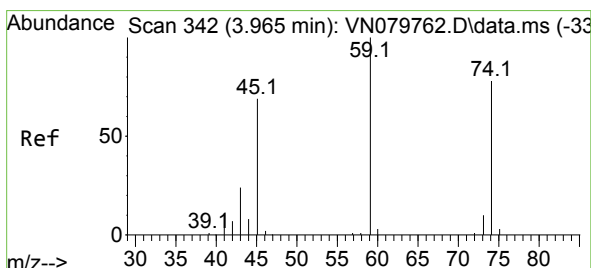
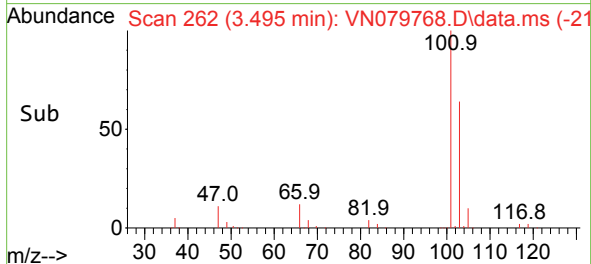
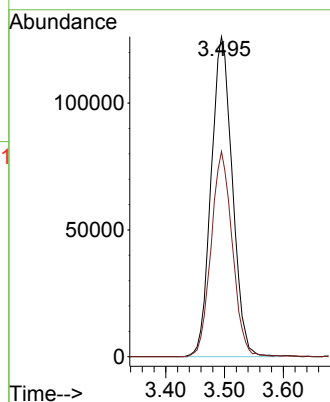
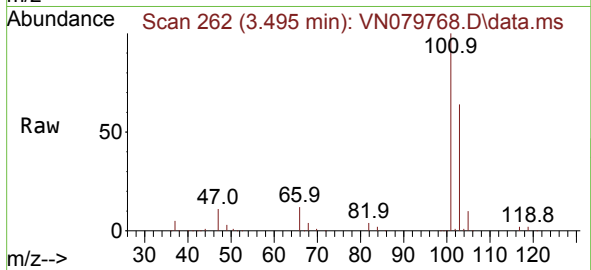




#7
Trichlorofluoromethane
Concen: 48.357 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

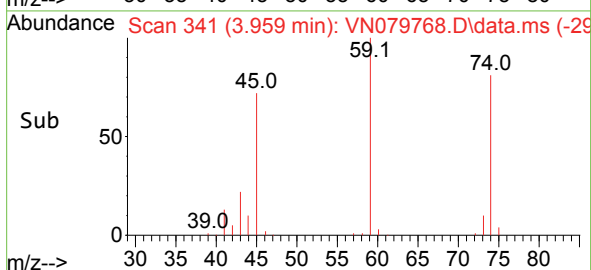
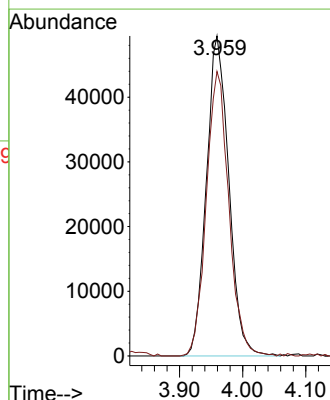
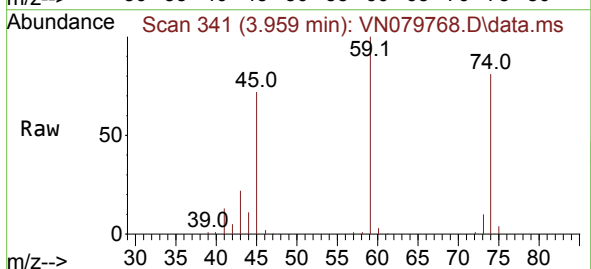
Instrument :
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ClientSampleId :

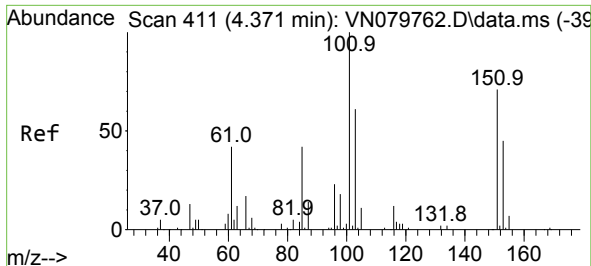
Tgt Ion:101 Resp: 316197
Ion Ratio Lower Upper
101 100
103 64.2 50.7 76.1



#8
Diethyl Ether
Concen: 49.192 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079768.D
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Tgt Ion: 74 Resp: 122063
Ion Ratio Lower Upper
74 100
45 89.3 34.4 103.3

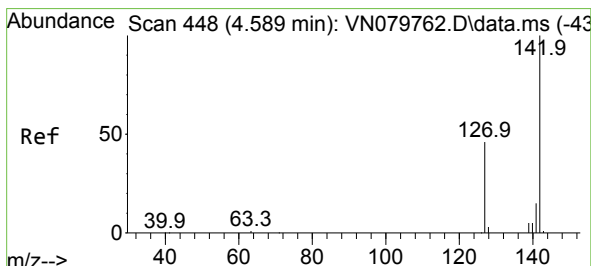
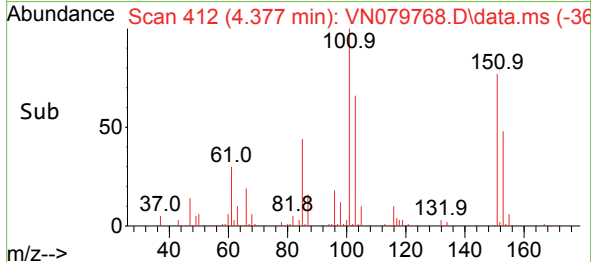
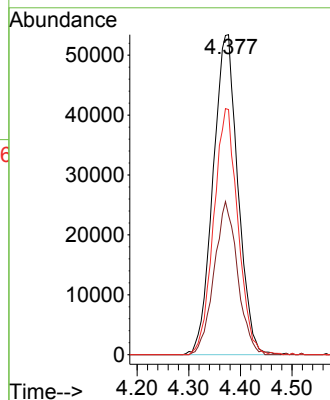
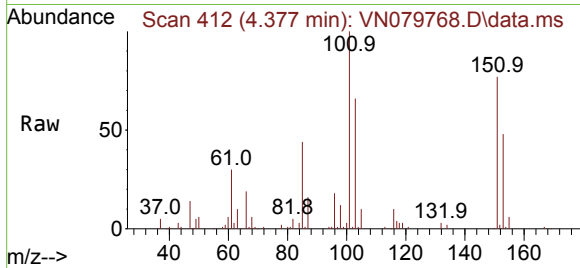




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.122 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

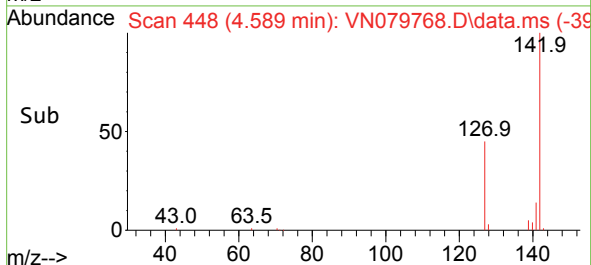
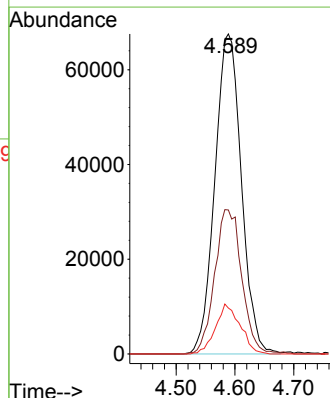
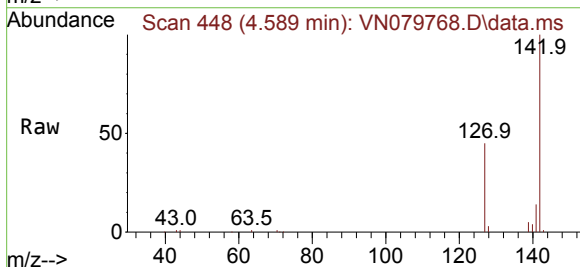
Instrument :
MSVOA_N
ClientSampleId :

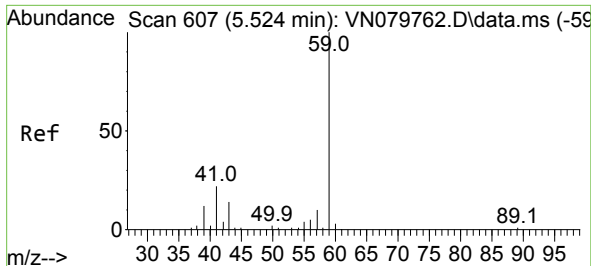
Tgt Ion:101 Resp: 178622
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 74.8 57.6 86.4



#10
Methyl Iodide
Concen: 48.907 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion:142 Resp: 211706
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 14.4 11.4 17.0

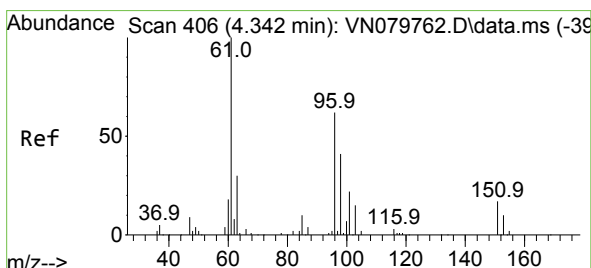
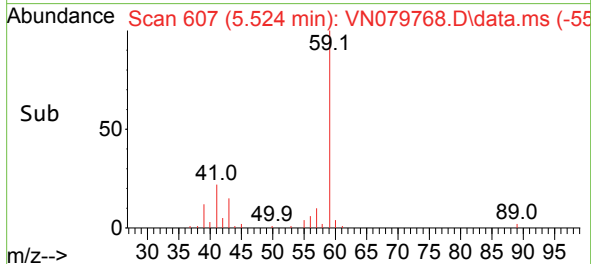
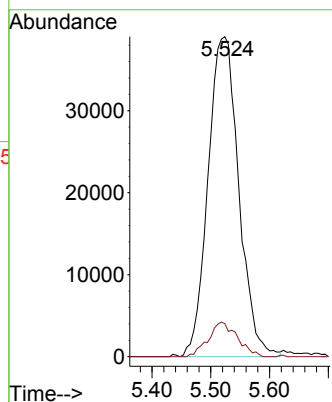
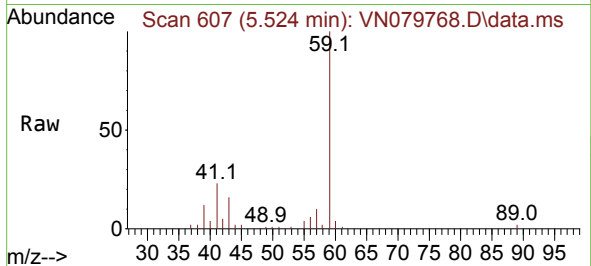




#11
Tert butyl alcohol
Concen: 219.240 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

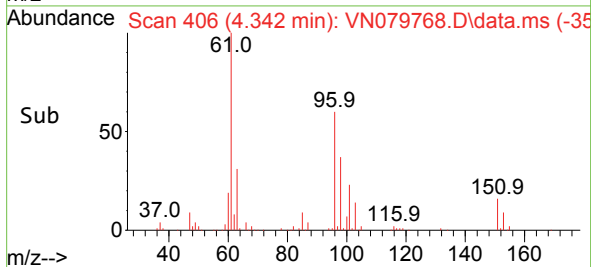
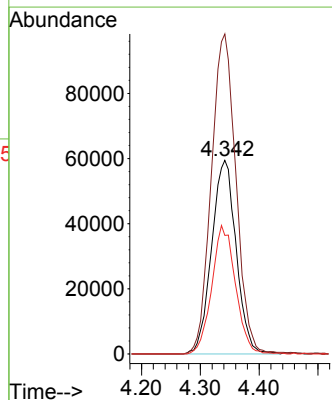
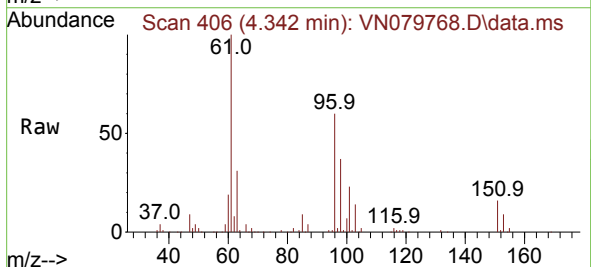
Instrument :
MSVOA_N
ClientSampleId :

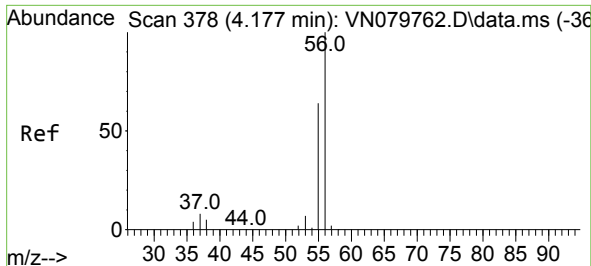
Tgt Ion: 59 Resp: 142172
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.938 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion: 96 Resp: 172052
Ion Ratio Lower Upper
96 100
61 165.3 112.7 169.1
98 61.3 51.2 76.8





#13

Acrolein

Concen: 232.841 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

Instrument :

MSVOA_N

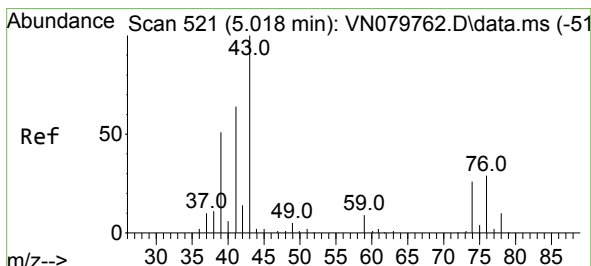
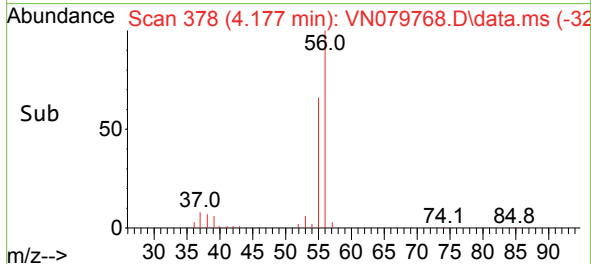
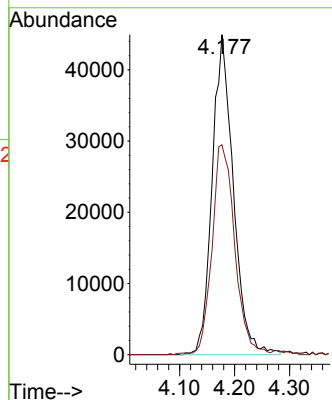
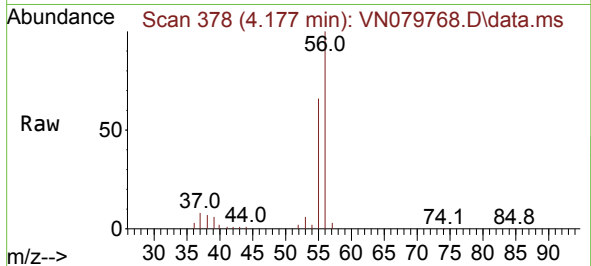
ClientSampleId :

Tgt Ion: 56 Resp: 120078

Ion Ratio Lower Upper

56 100

55 70.5 54.5 81.7



#14

Allyl chloride

Concen: 47.520 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

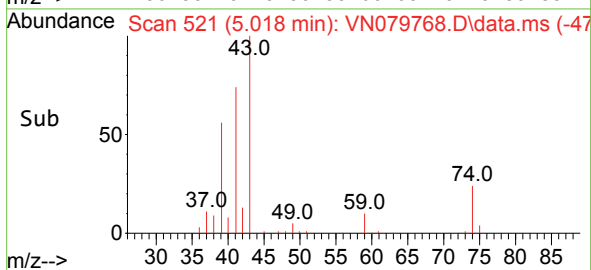
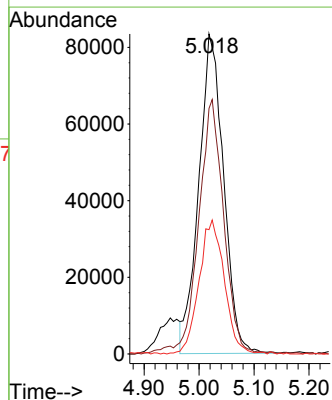
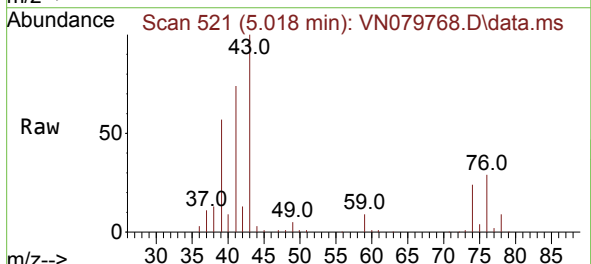
Tgt Ion: 41 Resp: 261219

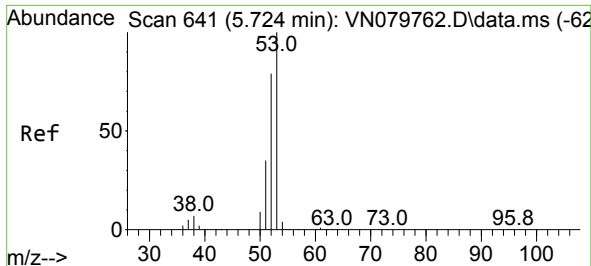
Ion Ratio Lower Upper

41 100

39 80.7 58.8 88.2

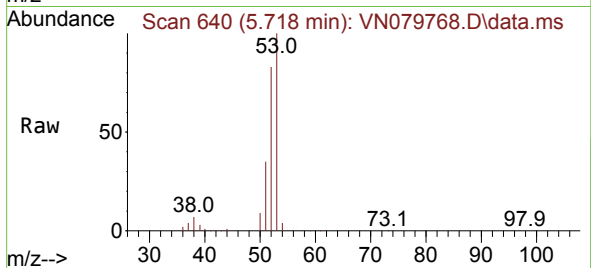
76 42.9 39.1 58.7



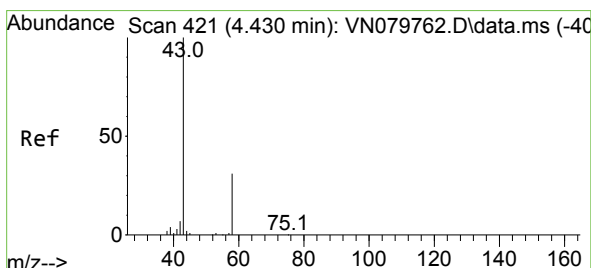
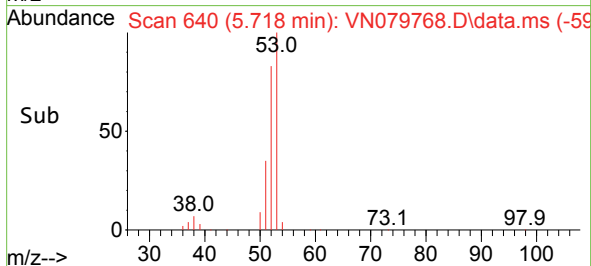
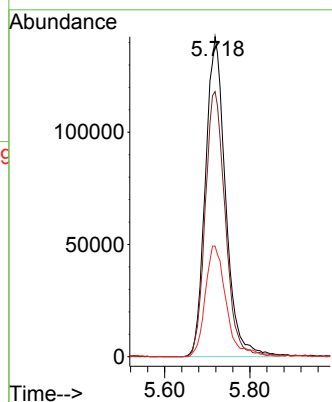


#15
Acrylonitrile
Concen: 231.372 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :

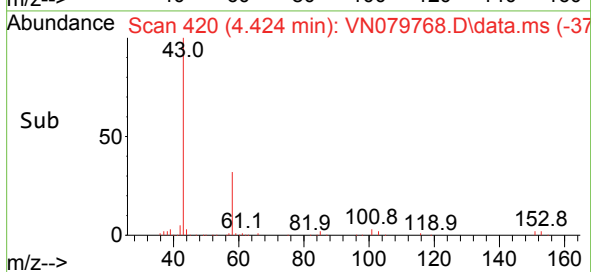
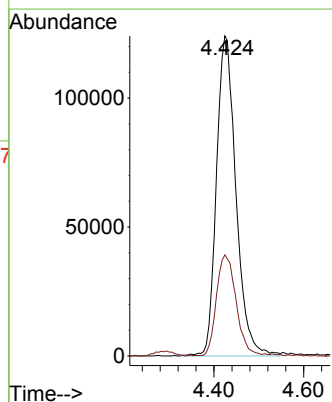
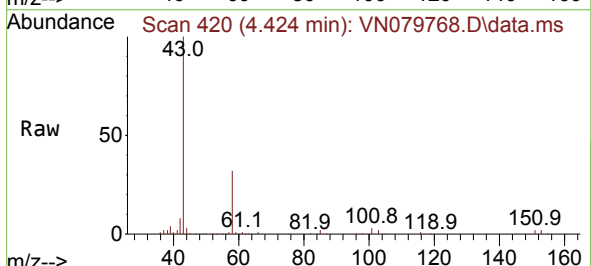


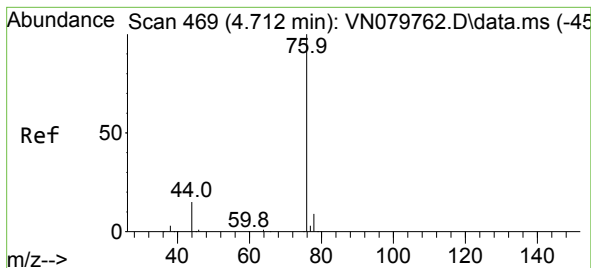
Tgt Ion: 53 Resp: 467576
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 35.9 28.9 43.3



#16
Acetone
Concen: 210.398 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion: 43 Resp: 375432
Ion Ratio Lower Upper
43 100
58 31.2 28.0 42.0





#17

Carbon Disulfide

Concen: 46.607 ug/l

RT: 4.712 min Scan# 4

Delta R.T. 0.000 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

Instrument :

MSVOA_N

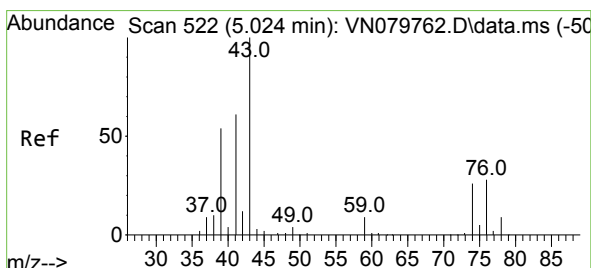
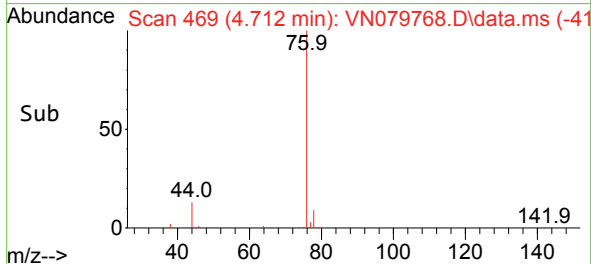
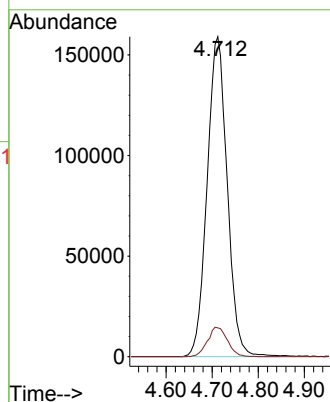
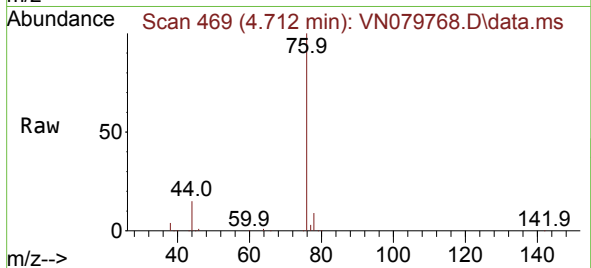
ClientSampleId :

Tgt Ion: 76 Resp: 482500

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



#18

Methyl Acetate

Concen: 43.855 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079768.D

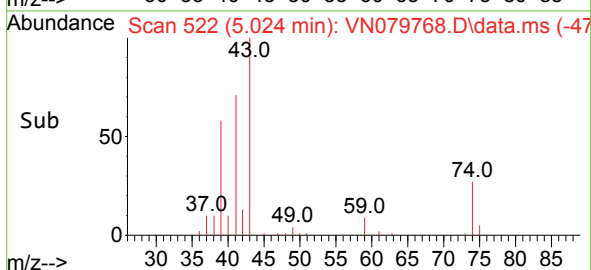
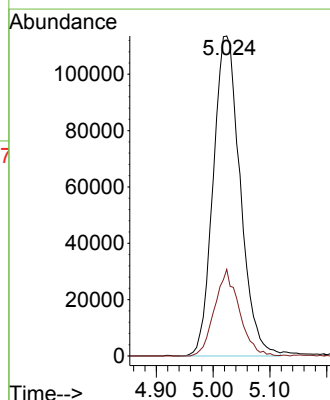
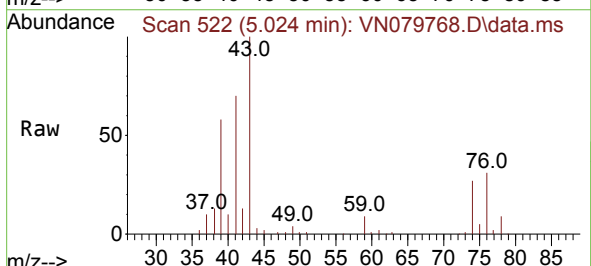
Acq: 01 Nov 2023 13:36

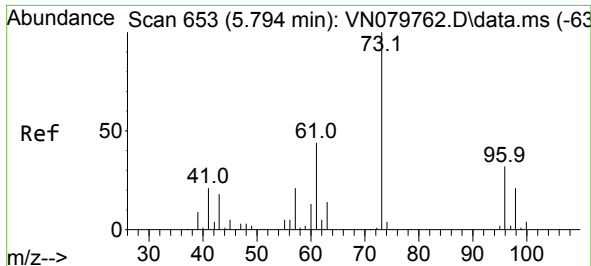
Tgt Ion: 43 Resp: 374392

Ion Ratio Lower Upper

43 100

74 24.7 26.2 39.4#

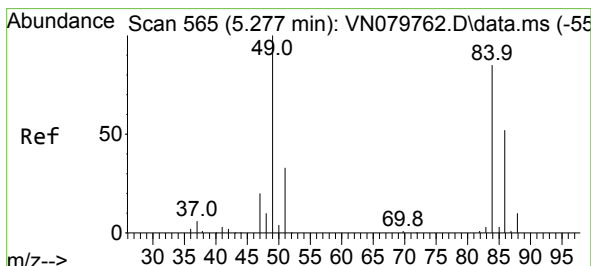
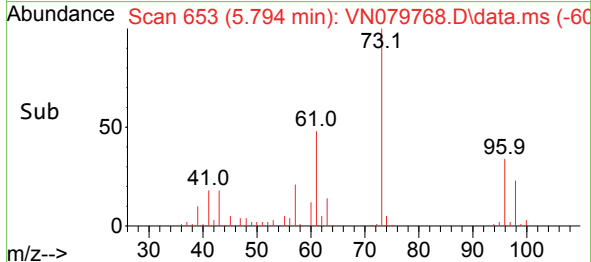
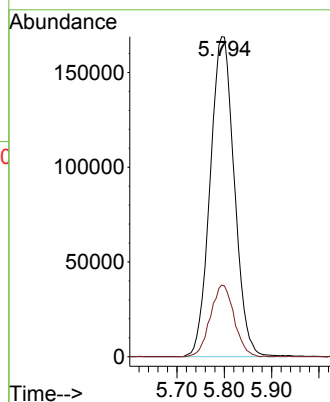
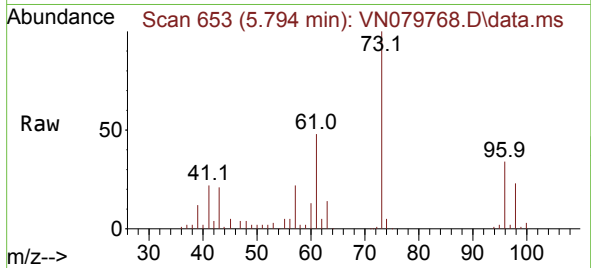




#19
Methyl tert-butyl Ether
Concen: 48.517 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

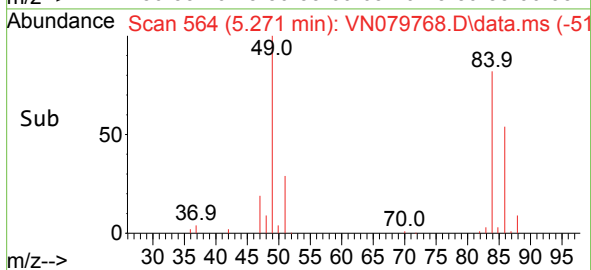
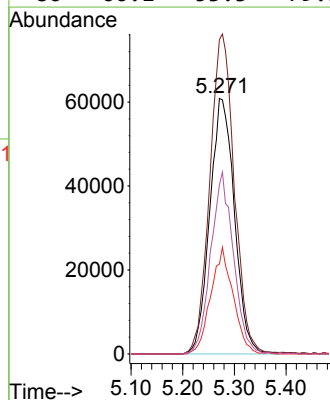
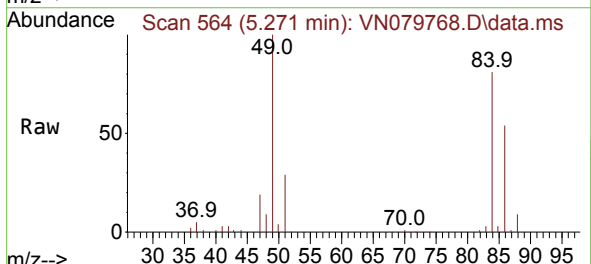
Instrument :
MSVOA_N
ClientSampleId :

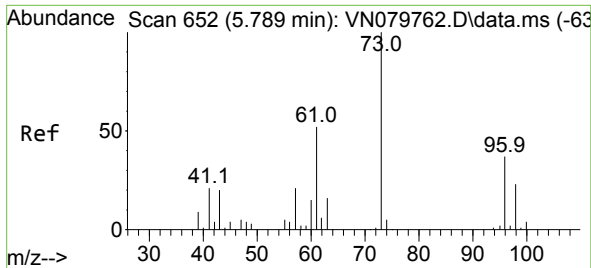
Tgt Ion: 73 Resp: 599504
Ion Ratio Lower Upper
73 100
57 22.3 15.6 23.4



#20
Methylene Chloride
Concen: 44.853 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

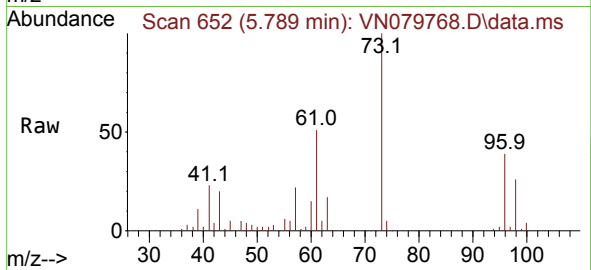
Tgt Ion: 84 Resp: 201948
Ion Ratio Lower Upper
84 100
49 123.0 79.7 119.5#
51 35.1 25.2 37.8
86 66.1 53.3 79.9



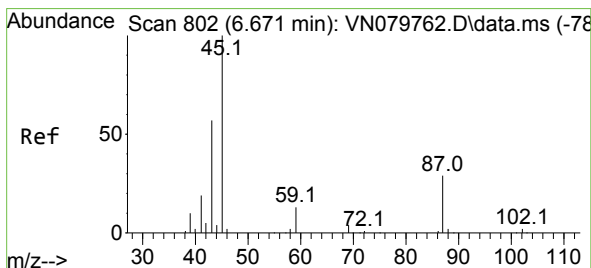
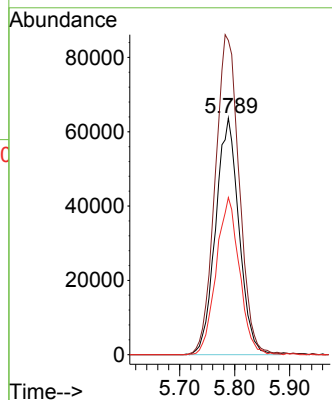
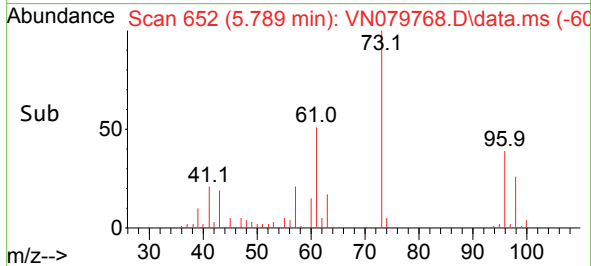


#21
trans-1,2-Dichloroethene
Concen: 47.016 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :

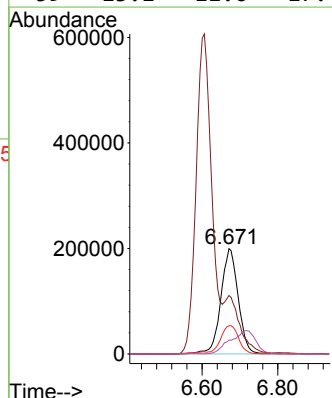
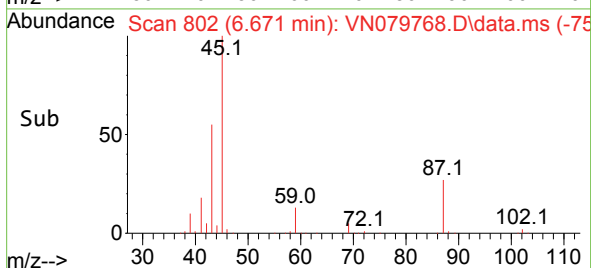
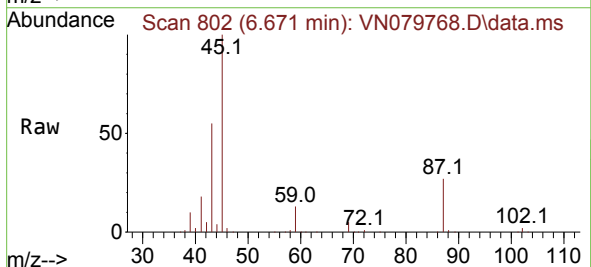


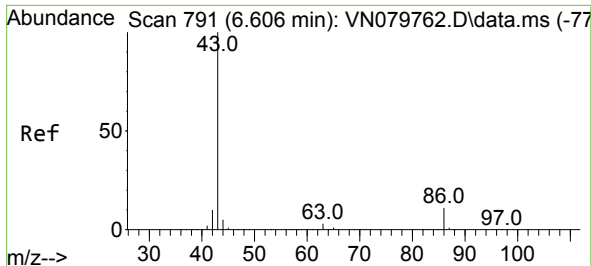
Tgt Ion: 96 Resp: 188196
Ion Ratio Lower Upper
96 100
61 132.8 90.1 135.1
98 66.4 46.4 69.6



#22
Diisopropyl ether
Concen: 49.909 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion: 45 Resp: 635794
Ion Ratio Lower Upper
45 100
43 54.9 45.5 68.3
87 26.7 31.8 47.8#
59 13.1 11.6 17.4

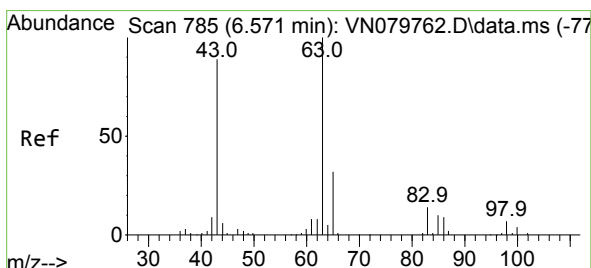
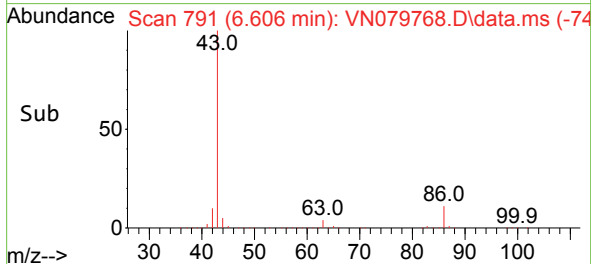
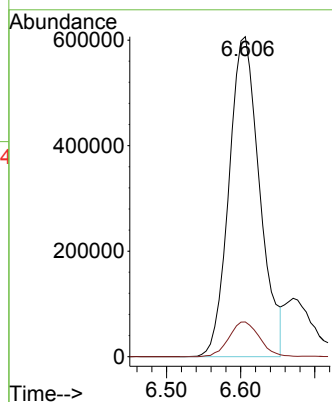
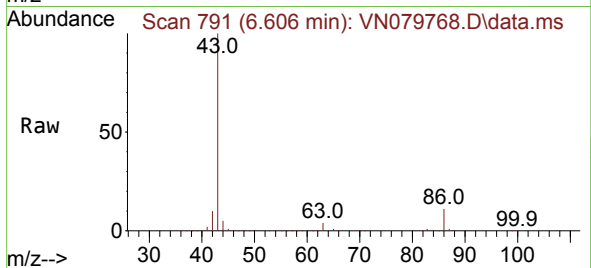




#23
 Vinyl Acetate
 Concen: 248.422 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079768.D
 Acq: 01 Nov 2023 13:36

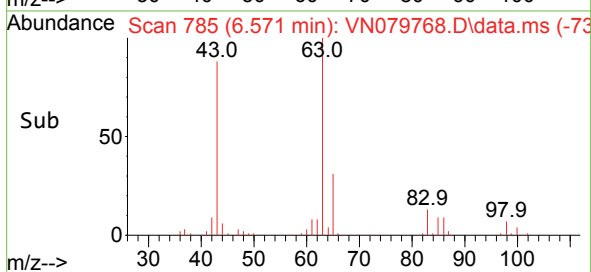
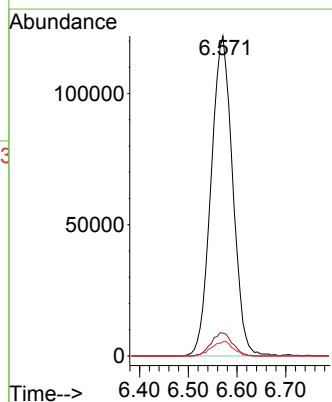
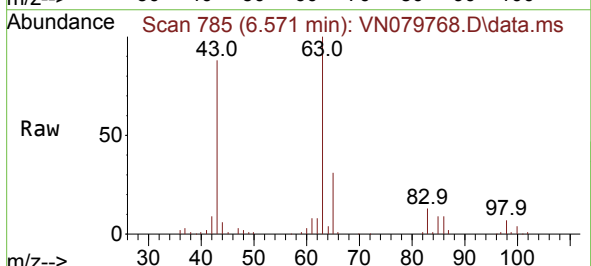
Instrument :
 MSVOA_N
 ClientSampleId :

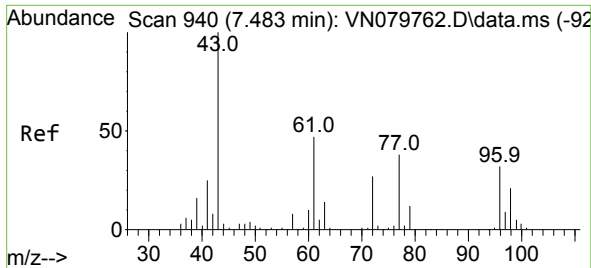
Tgt Ion: 43 Resp: 1745615
 Ion Ratio Lower Upper
 43 100
 86 10.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 48.438 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079768.D
 Acq: 01 Nov 2023 13:36

Tgt Ion: 63 Resp: 375045
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.4 2.5 7.4

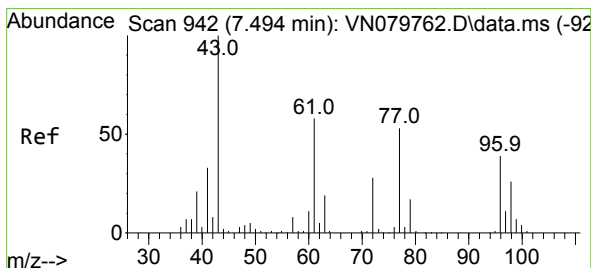
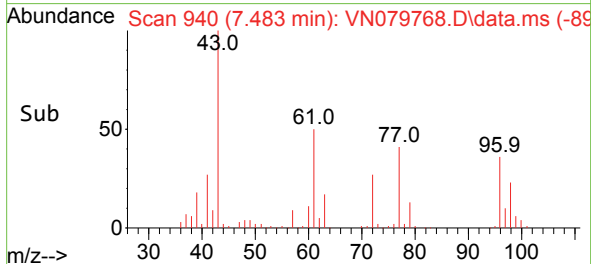
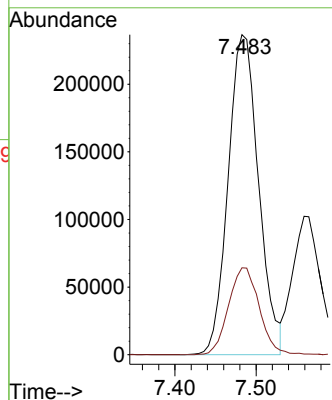
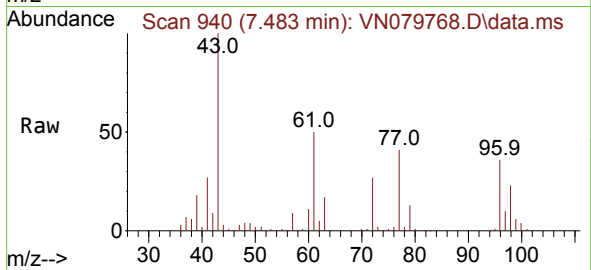




#25
2-Butanone
Concen: 236.057 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

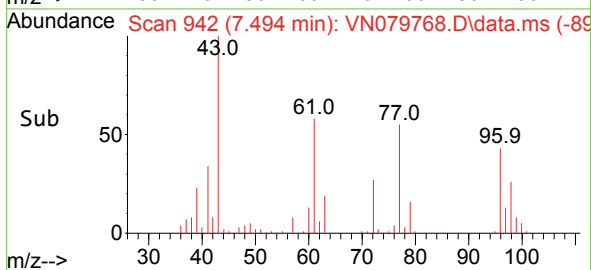
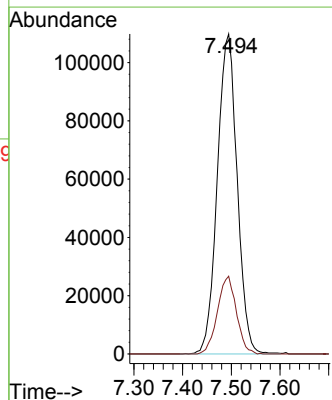
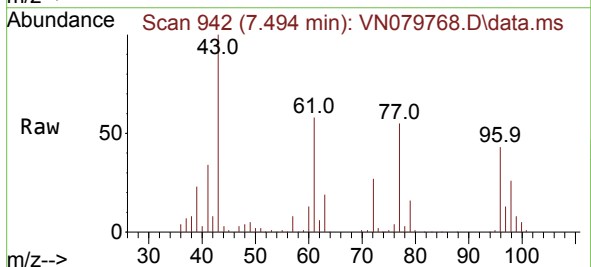
Instrument :
MSVOA_N
ClientSampleId :

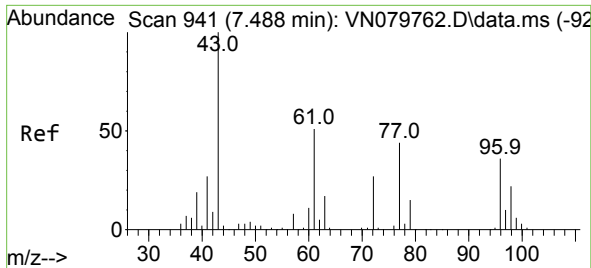
Tgt Ion: 43 Resp: 616812
Ion Ratio Lower Upper
43 100
72 27.2 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 48.518 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion: 77 Resp: 310690
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6

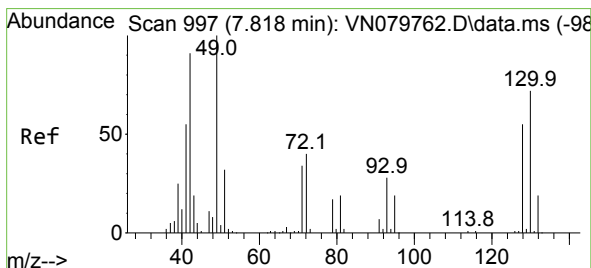
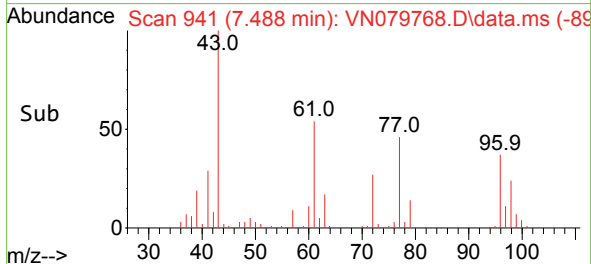
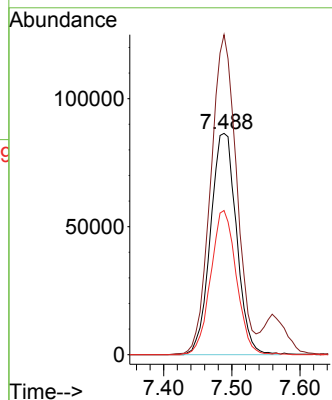
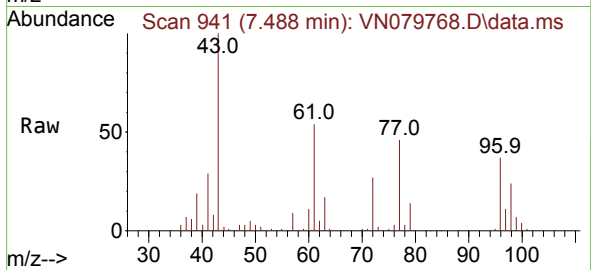




#27
 cis-1,2-Dichloroethene
 Concen: 47.956 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079768.D
 Acq: 01 Nov 2023 13:36

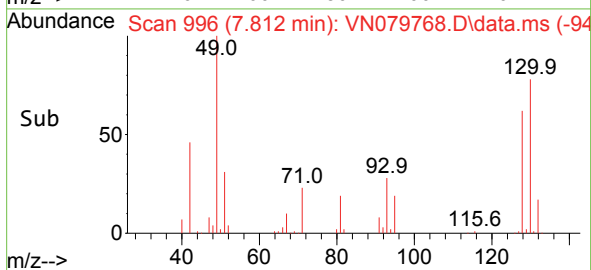
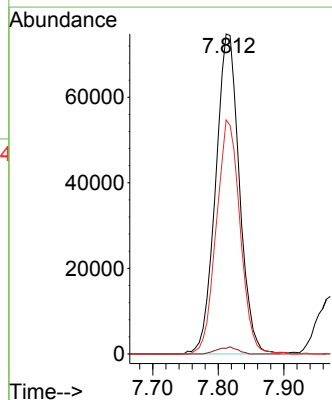
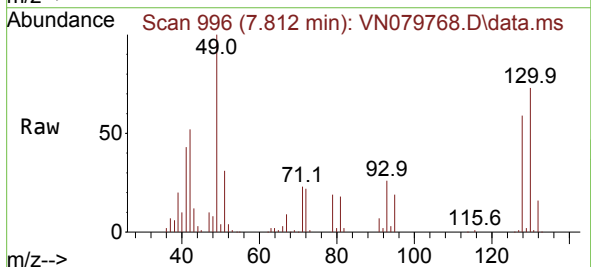
Instrument :
 MSVOA_N
 ClientSampleId :

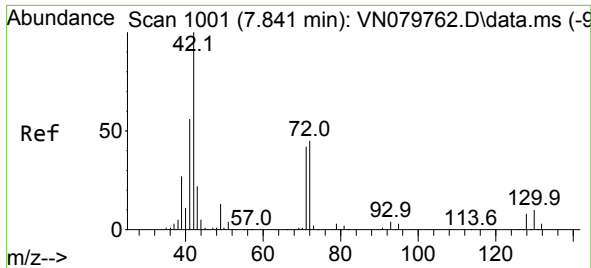
Tgt Ion: 96 Resp: 229618
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 255.2
 98 64.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 49.789 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN079768.D
 Acq: 01 Nov 2023 13:36

Tgt Ion: 49 Resp: 187872
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 73.1 75.3 112.9#

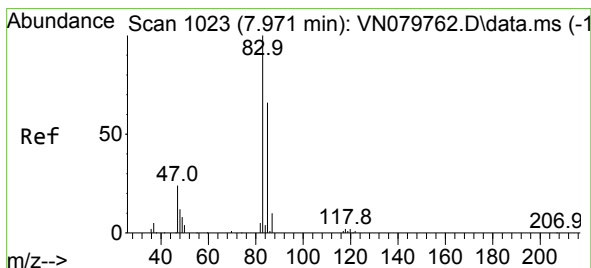
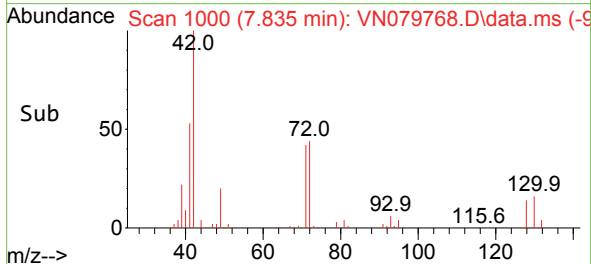
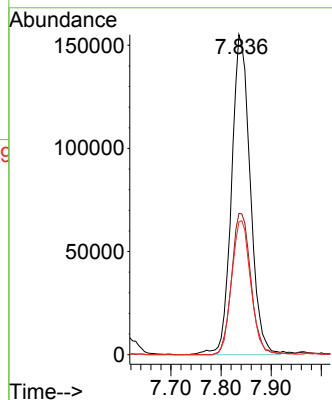
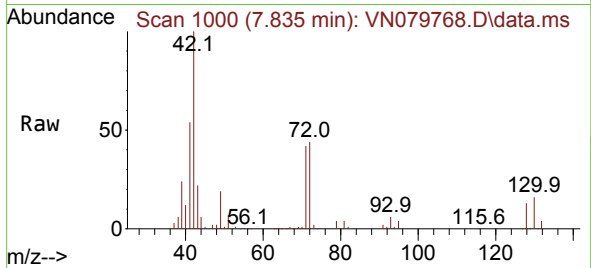




#29
Tetrahydrofuran
Concen: 236.130 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

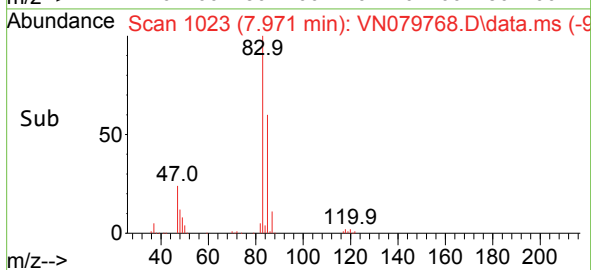
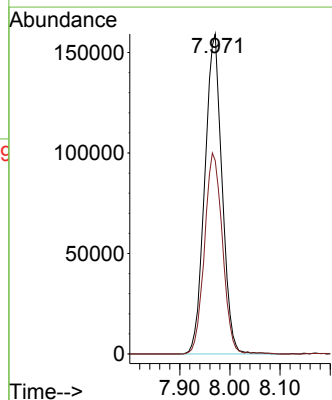
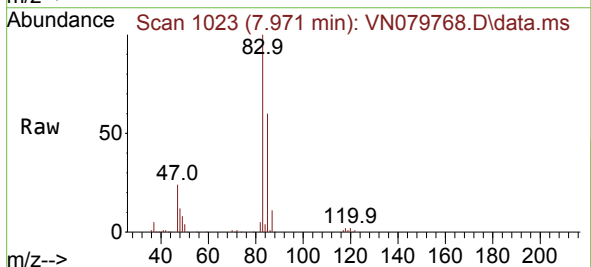
Instrument :
MSVOA_N
ClientSampleId :

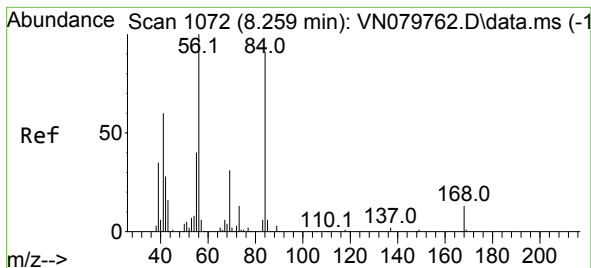
Tgt Ion: 42 Resp: 401430
Ion Ratio Lower Upper
42 100
72 45.5 49.8 74.6#
71 43.0 47.4 71.2#



#30
Chloroform
Concen: 45.238 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion: 83 Resp: 380477
Ion Ratio Lower Upper
83 100
85 60.4 55.4 83.0





#31

Cyclohexane

Concen: 46.193 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

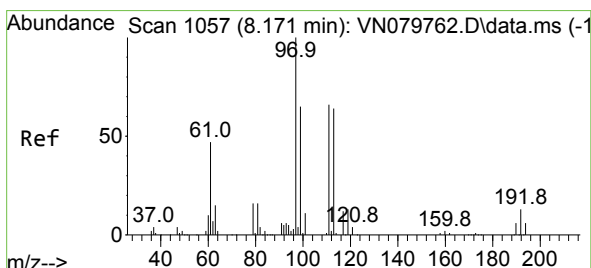
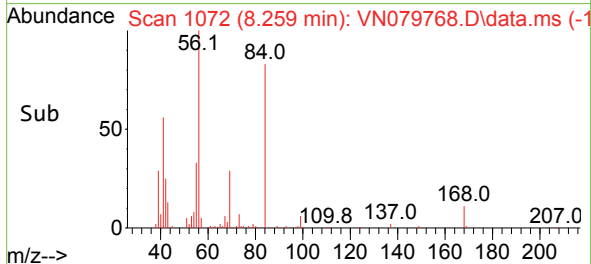
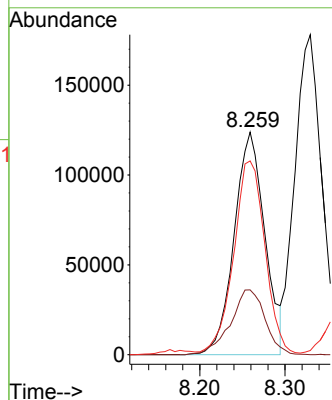
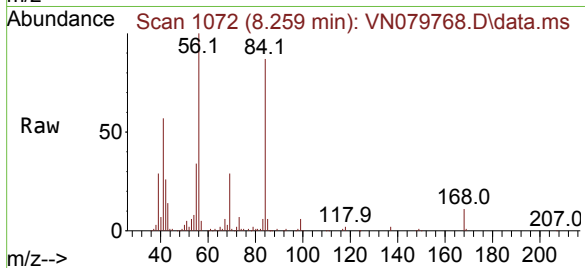
Tgt Ion: 56 Resp: 310077

Ion Ratio Lower Upper

56 100

69 29.2 26.8 40.2

84 85.1 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 48.565 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

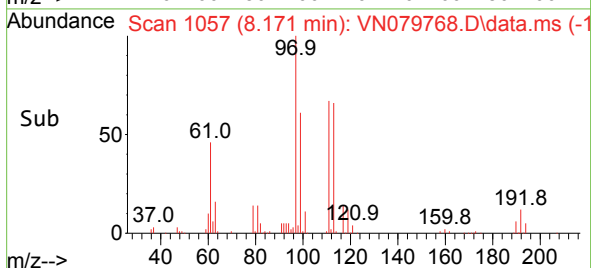
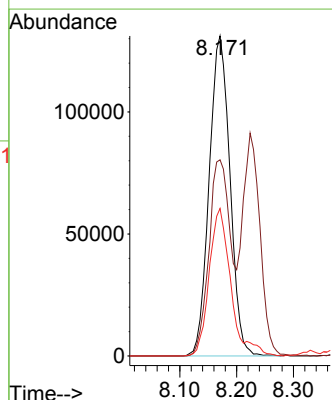
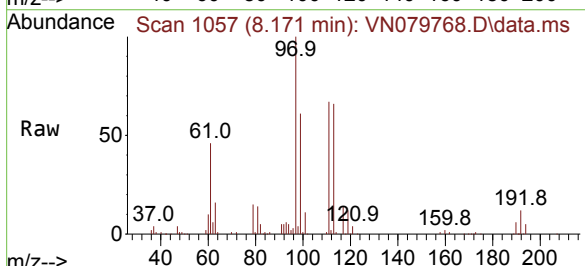
Tgt Ion: 97 Resp: 332812

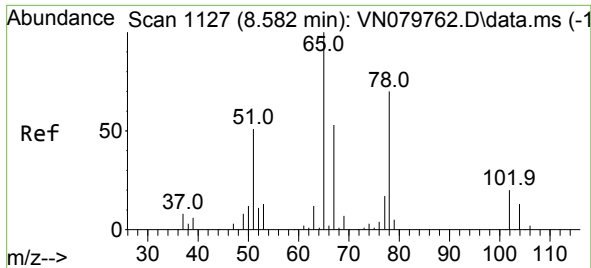
Ion Ratio Lower Upper

97 100

99 64.7 50.3 75.5

61 48.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.731 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

Instrument :

MSVOA_N

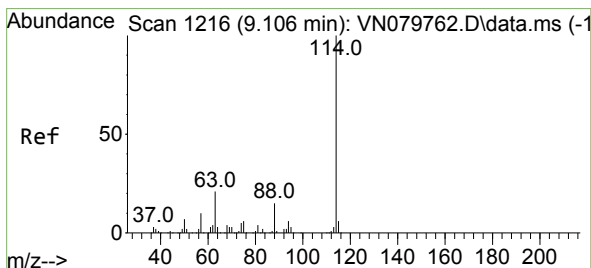
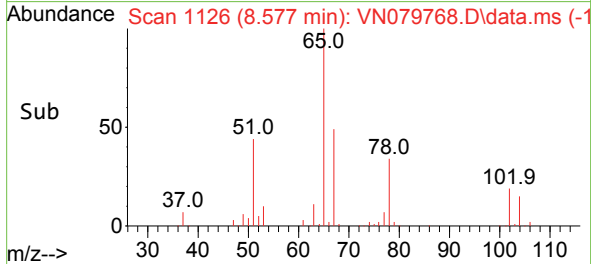
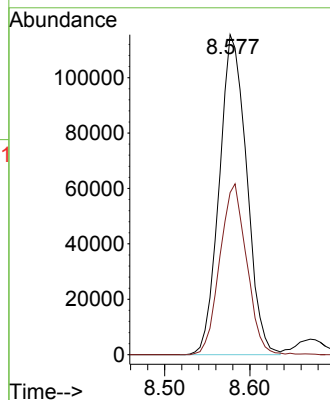
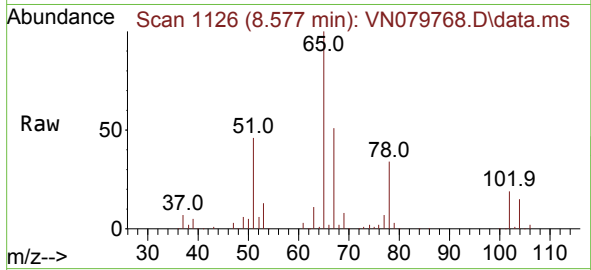
ClientSampleId :

Tgt Ion: 65 Resp: 257710

Ion Ratio Lower Upper

65 100

67 52.2 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: VN079768.D

Acq: 01 Nov 2023 13:36

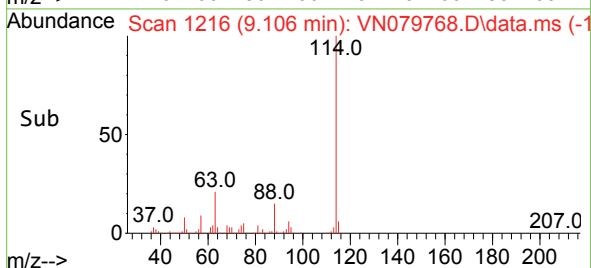
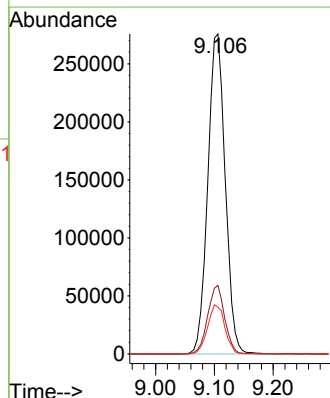
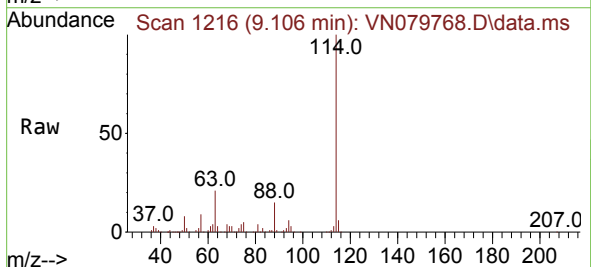
Tgt Ion: 114 Resp: 567637

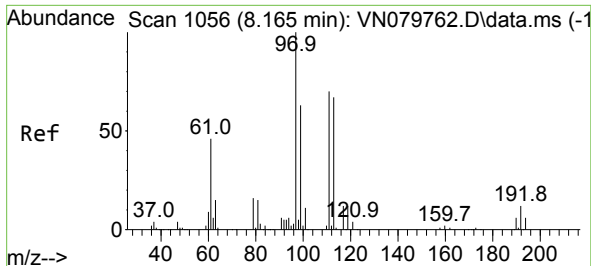
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 14.6 0.0 30.6

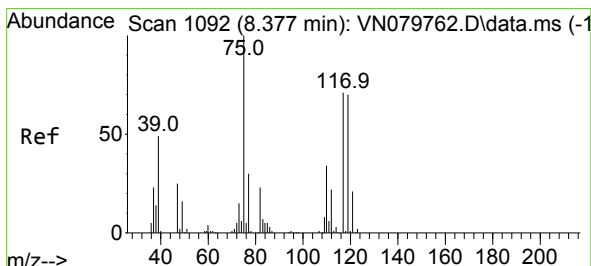
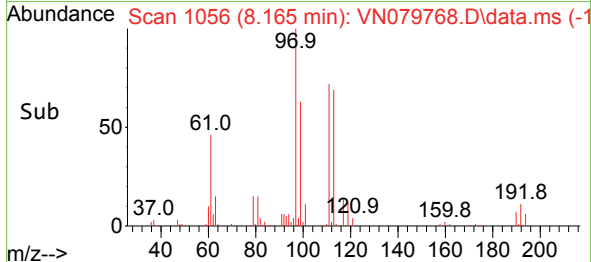
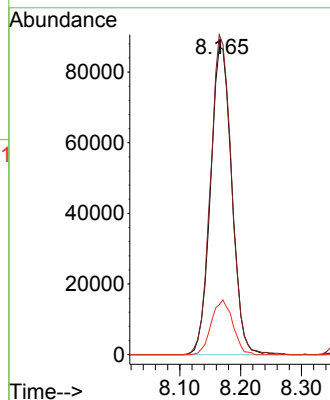
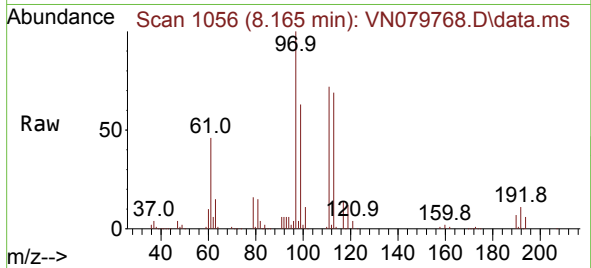




#35
Dibromofluoromethane
Concen: 52.711 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

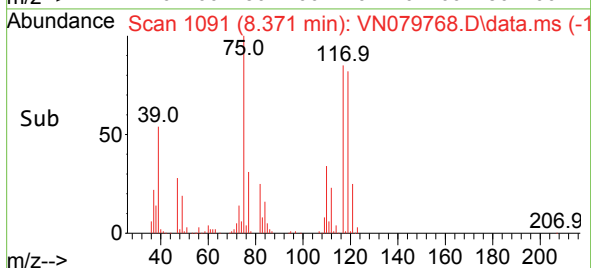
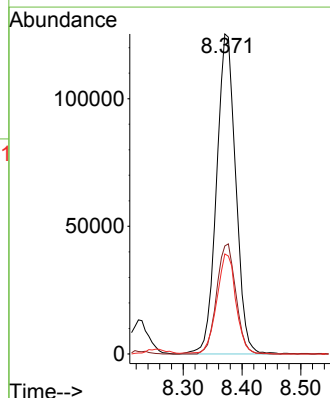
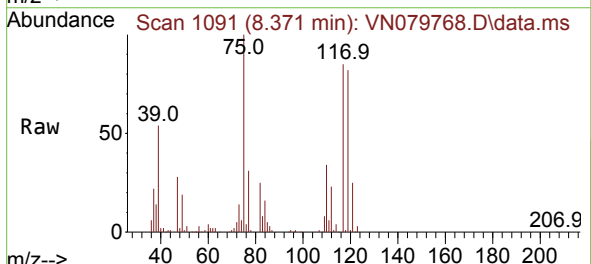
Instrument :
MSVOA_N
ClientSampleId :

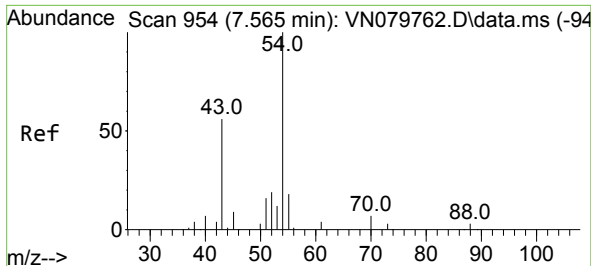
Tgt Ion:113 Resp: 211766
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 17.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 49.616 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion: 75 Resp: 284612
Ion Ratio Lower Upper
75 100
110 34.4 19.1 57.3
77 31.4 25.0 37.4

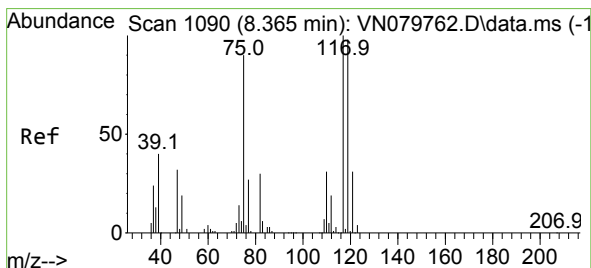
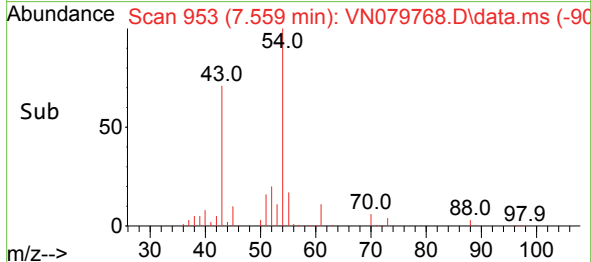
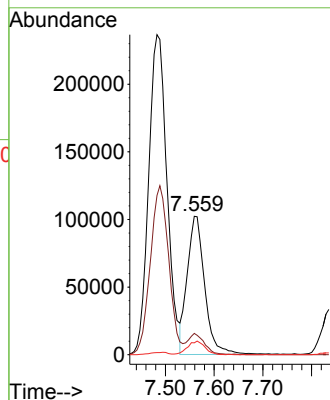
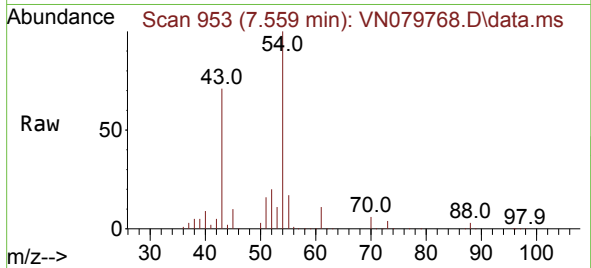




#37
Ethyl Acetate
Concen: 48.594 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

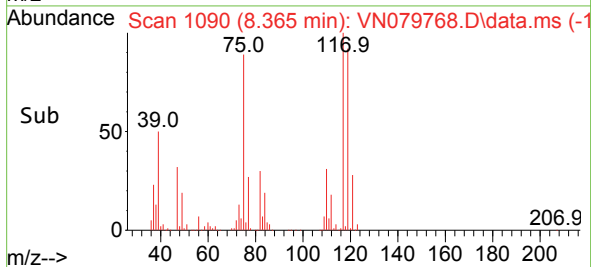
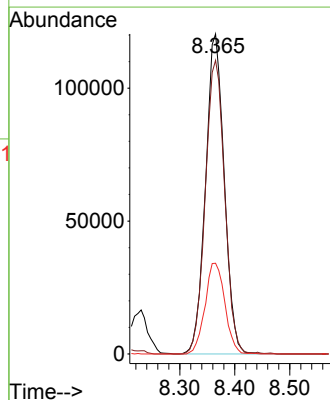
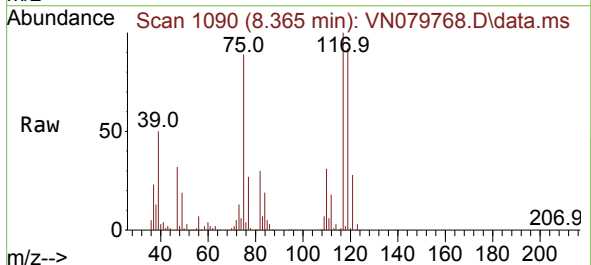
Instrument :
MSVOA_N
ClientSampleId :

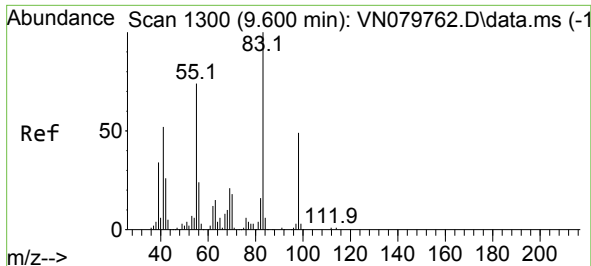
Tgt Ion: 43 Resp: 255648
Ion Ratio Lower Upper
43 100
61 14.8 13.2 19.8
70 9.7 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 49.235 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion: 117 Resp: 284636
Ion Ratio Lower Upper
117 100
119 91.7 77.3 115.9
121 28.4 23.3 34.9





#39

Methylcyclohexane

Concen: 51.400 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

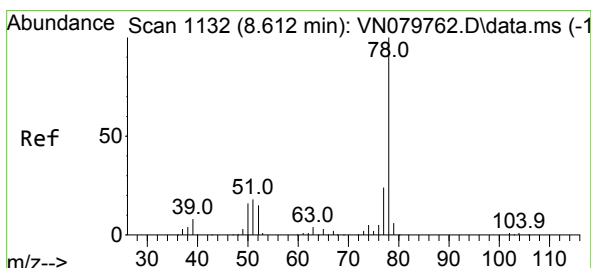
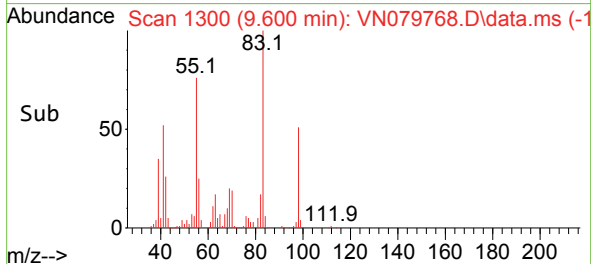
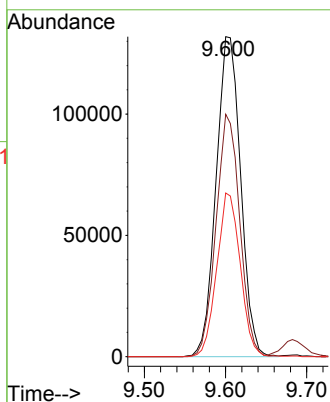
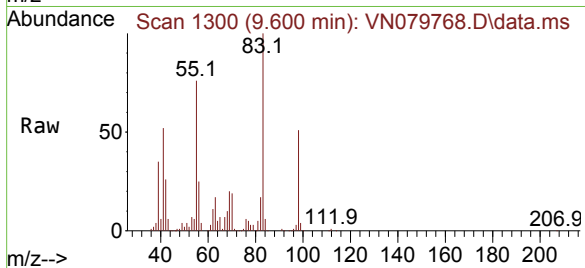
Tgt Ion: 83 Resp: 277481

Ion Ratio Lower Upper

83 100

55 75.8 49.1 73.7#

98 51.2 40.6 61.0



#40

Benzene

Concen: 49.358 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079768.D

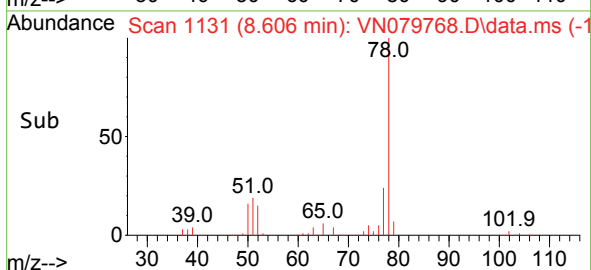
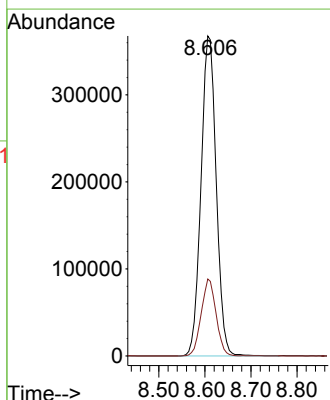
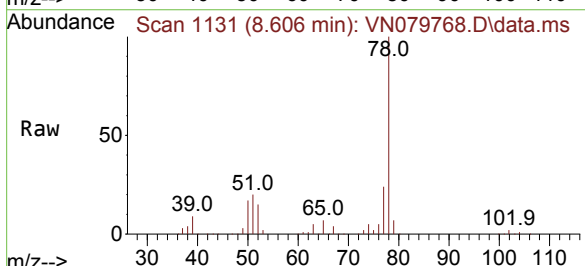
Acq: 01 Nov 2023 13:36

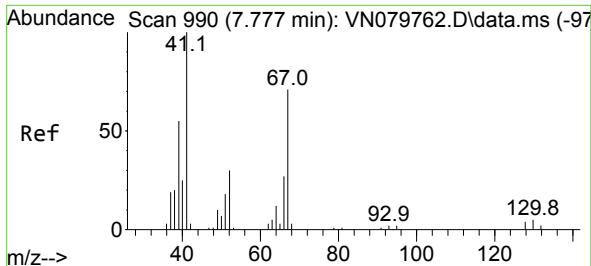
Tgt Ion: 78 Resp: 848022

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6



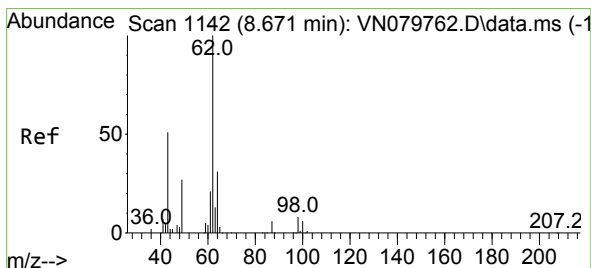
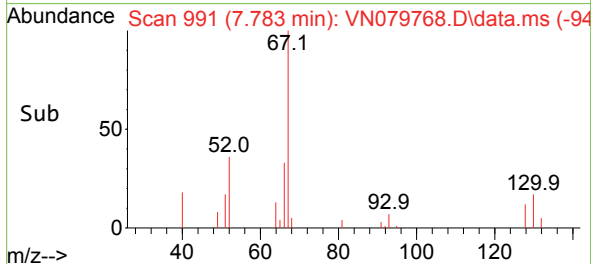
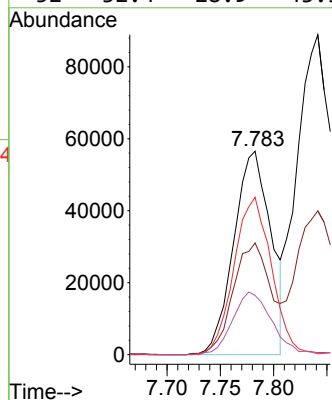
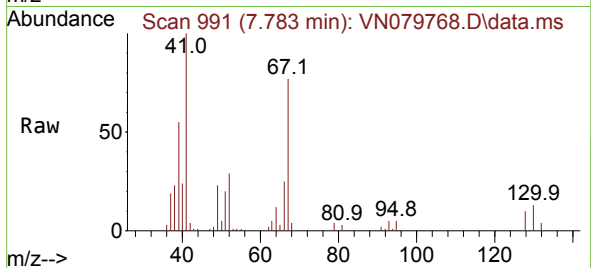


#41
Methacrylonitrile
Concen: 49.168 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 137357

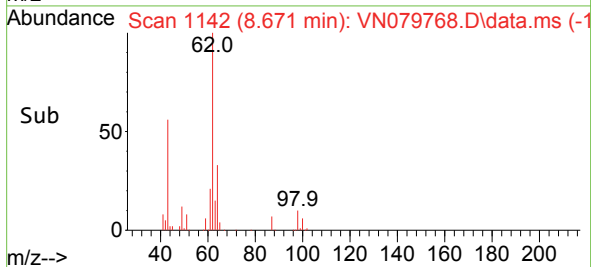
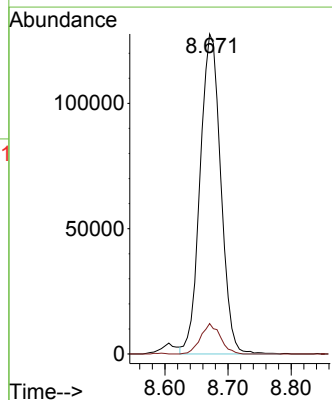
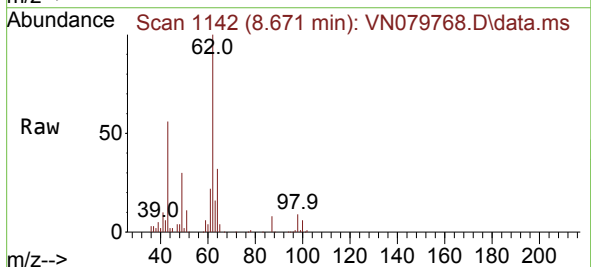
Ion	Ratio	Lower	Upper
41	100		
39	55.4	42.6	64.0
67	78.8	77.5	116.3
52	32.4	28.9	43.3

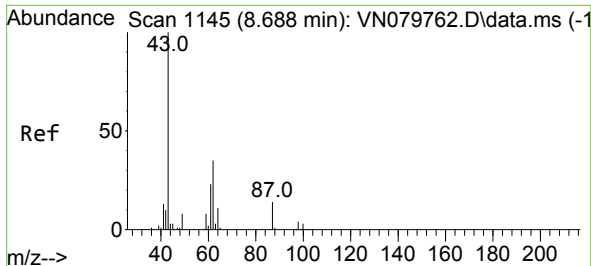


#42
1,2-Dichloroethane
Concen: 48.435 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion: 62 Resp: 290681

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.8

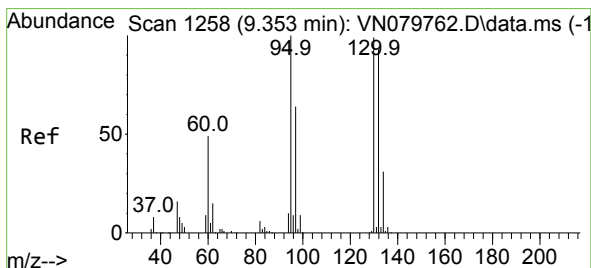
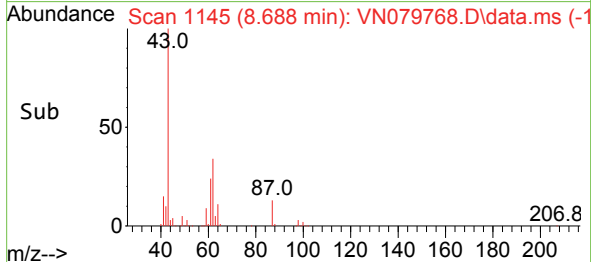
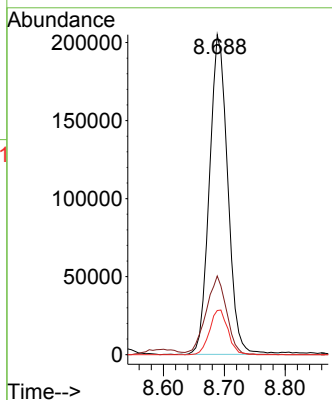
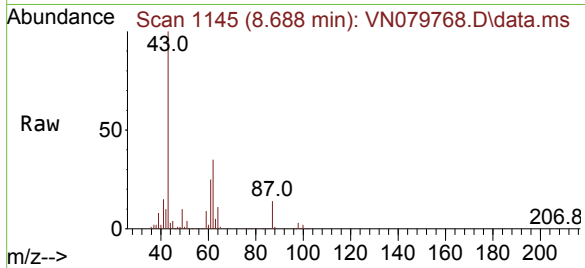




#43
Isopropyl Acetate
Concen: 46.319 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

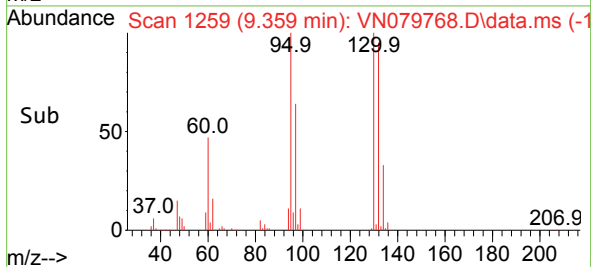
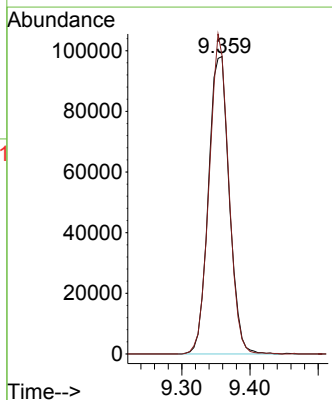
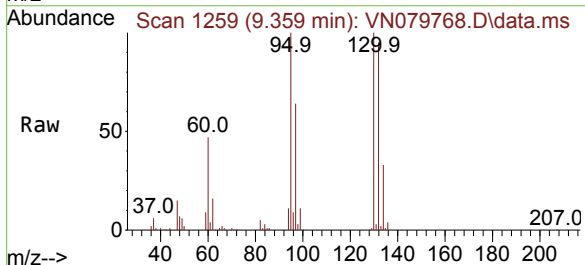
Instrument :
MSVOA_N
ClientSampleId :

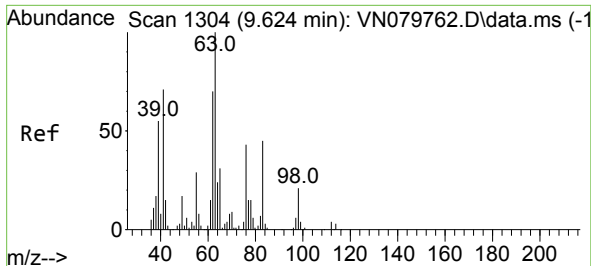
Tgt Ion: 43 Resp: 427341
Ion Ratio Lower Upper
43 100
61 27.8 24.7 37.1
87 14.0 14.6 21.8#



#44
Trichloroethene
Concen: 48.968 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion:130 Resp: 208768
Ion Ratio Lower Upper
130 100
95 100.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.700 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

Instrument :

MSVOA_N

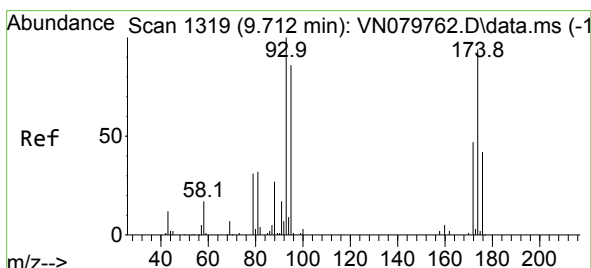
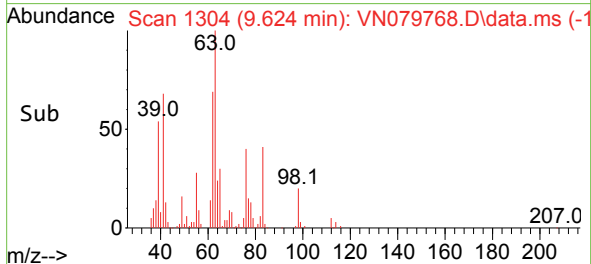
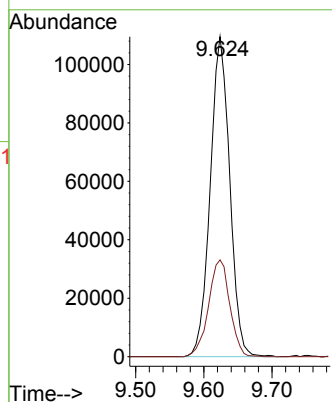
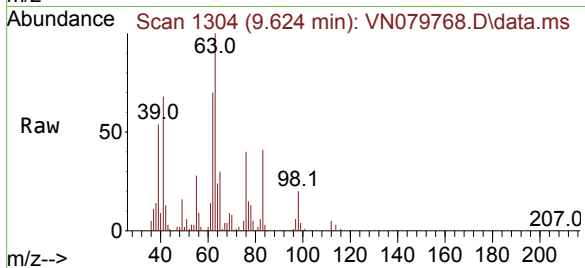
ClientSampleId :

Tgt Ion: 63 Resp: 218220

Ion Ratio Lower Upper

63 100

65 30.2 23.9 35.9



#46

Dibromomethane

Concen: 49.277 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

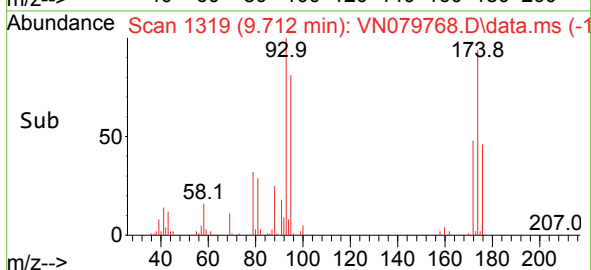
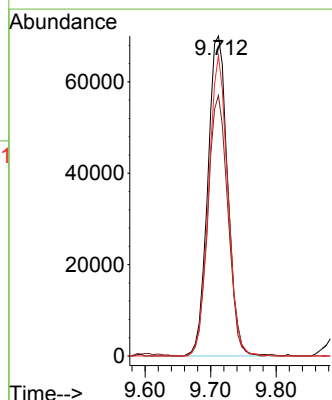
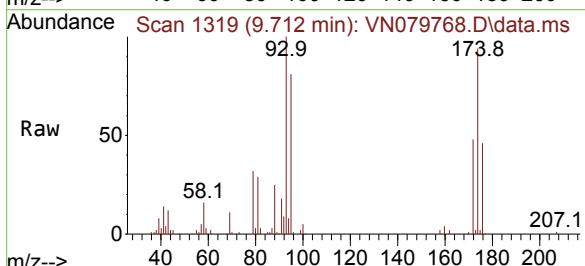
Tgt Ion: 93 Resp: 147734

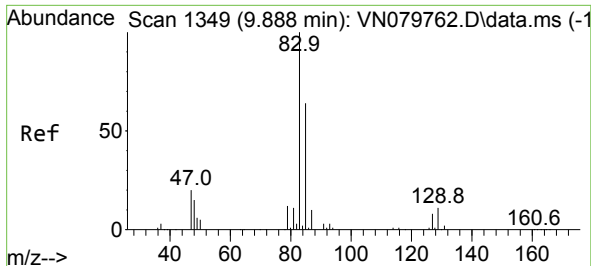
Ion Ratio Lower Upper

93 100

95 81.4 63.8 95.8

174 90.6 65.6 98.4





#47

Bromodichloromethane

Concen: 47.448 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

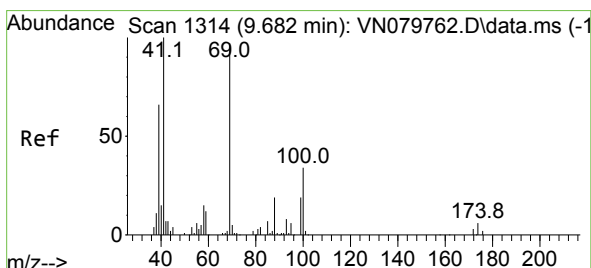
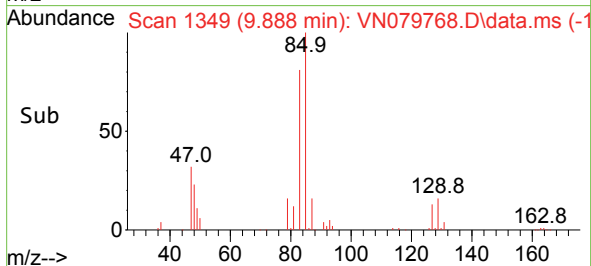
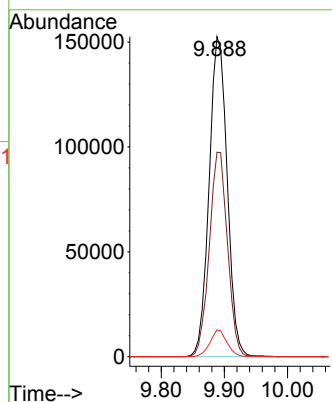
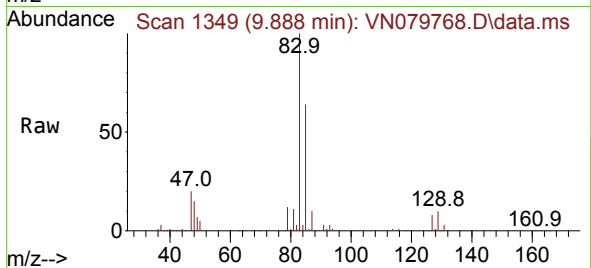
Tgt Ion: 83 Resp: 303376

Ion Ratio Lower Upper

83 100

85 63.9 49.6 74.4

127 8.4 7.0 10.6



#48

Methyl methacrylate

Concen: 51.389 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

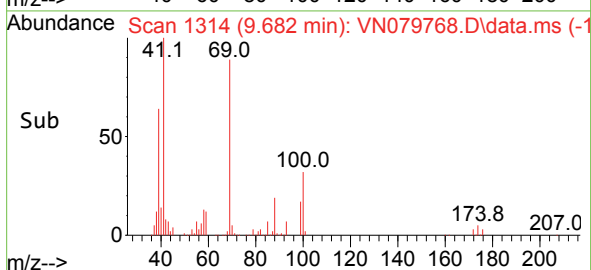
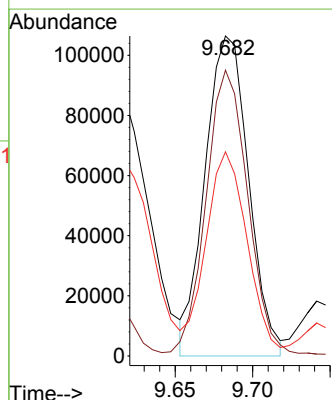
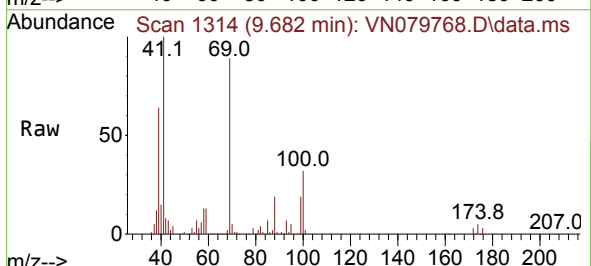
Tgt Ion: 41 Resp: 207670

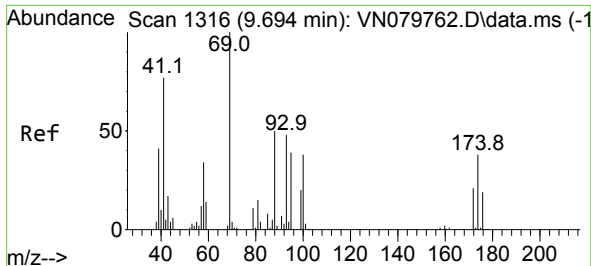
Ion Ratio Lower Upper

41 100

69 87.0 90.4 135.6#

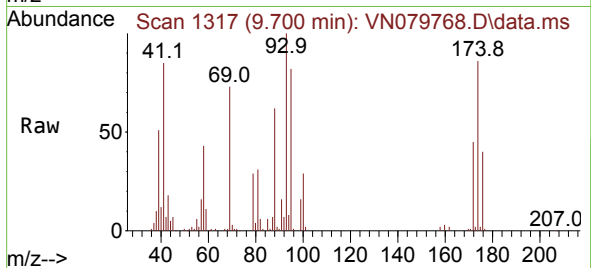
39 61.0 54.6 81.8



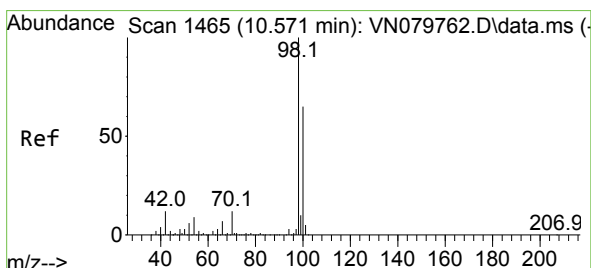
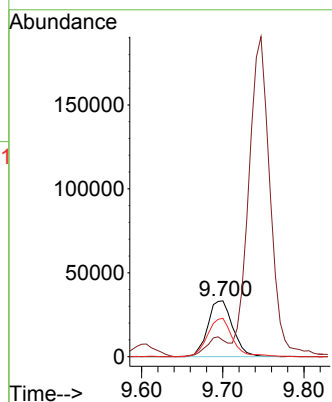
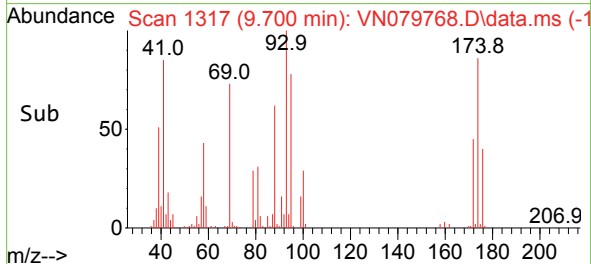


#49
1,4-Dioxane
Concen: 993.992 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :

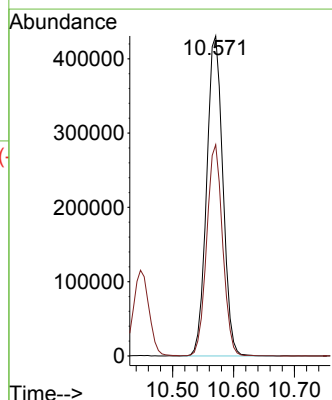
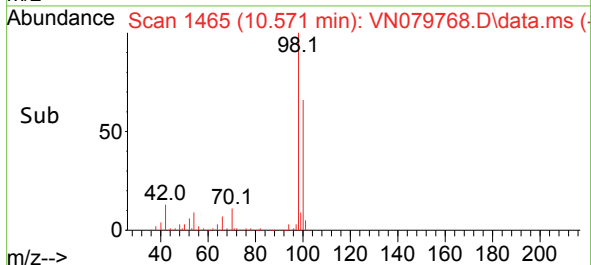
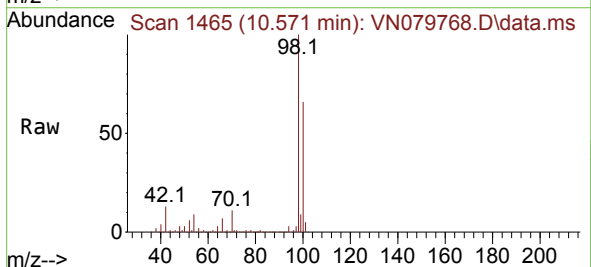


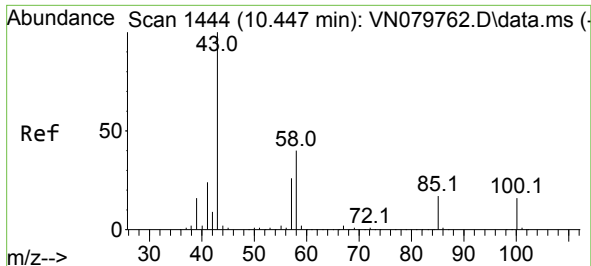
Tgt Ion: 88 Resp: 70977
Ion Ratio Lower Upper
88 100
43 28.8 17.0 25.6#
58 69.4 47.0 70.4



#50
Toluene-d8
Concen: 53.737 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion: 98 Resp: 794768
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

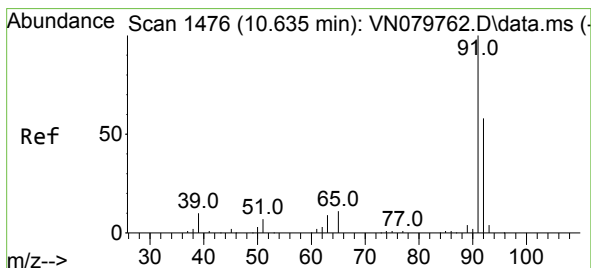
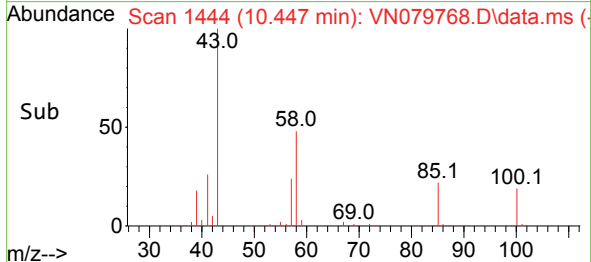
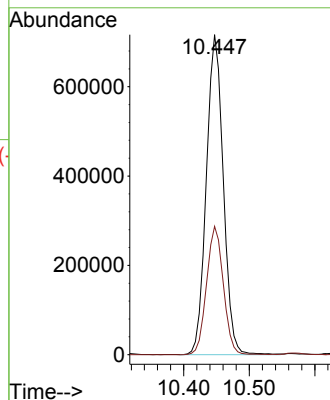
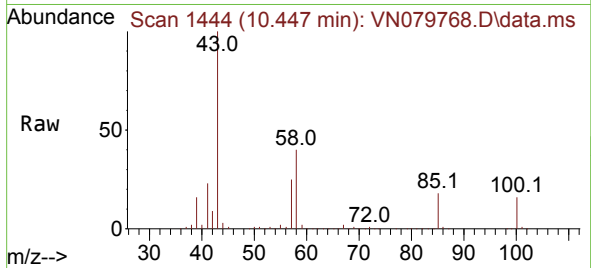




#51
4-Methyl-2-Pentanone
Concen: 248.171 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

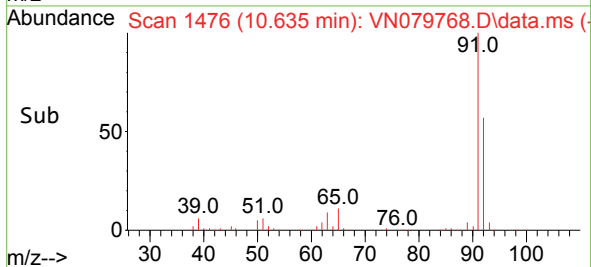
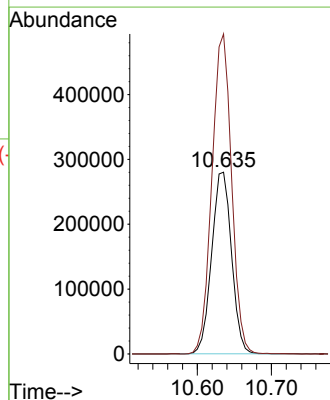
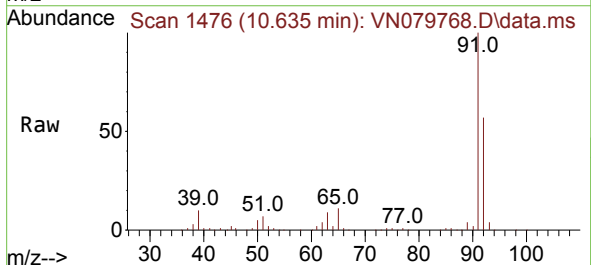
Instrument :
MSVOA_N
ClientSampleId :

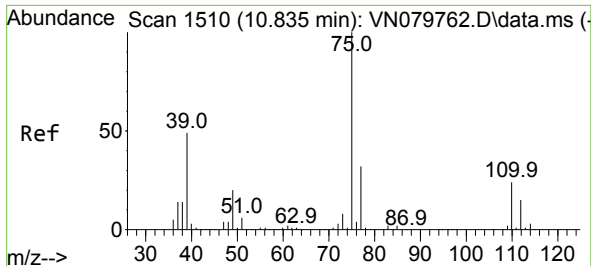
Tgt Ion: 43 Resp: 1289043
Ion Ratio Lower Upper
43 100
58 39.8 36.6 54.8



#52
Toluene
Concen: 51.202 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion: 92 Resp: 521528
Ion Ratio Lower Upper
92 100
91 174.5 137.4 206.0

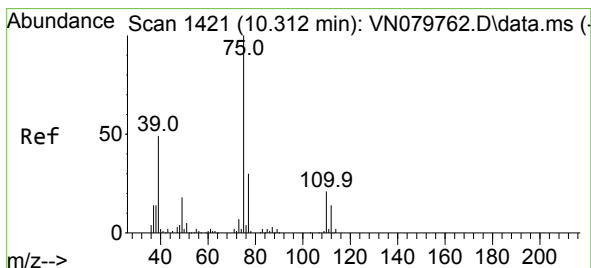
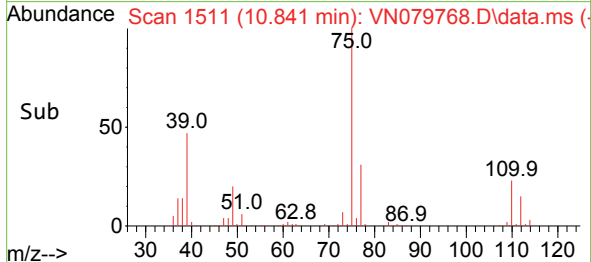
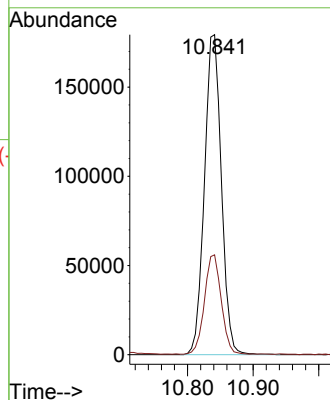
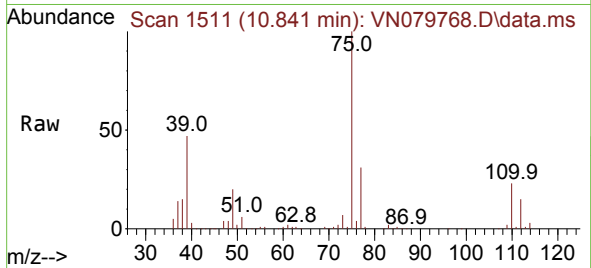




#53
 t-1,3-Dichloropropene
 Concen: 51.445 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079768.D
 Acq: 01 Nov 2023 13:36

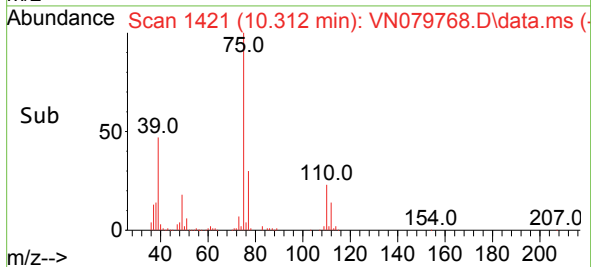
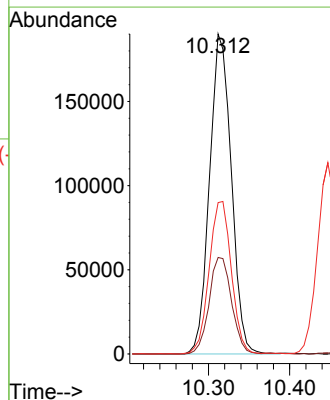
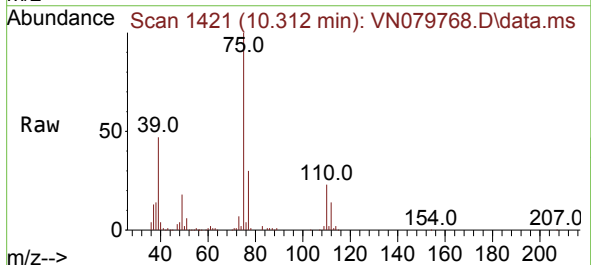
Instrument :
 MSVOA_N
 ClientSampleId :

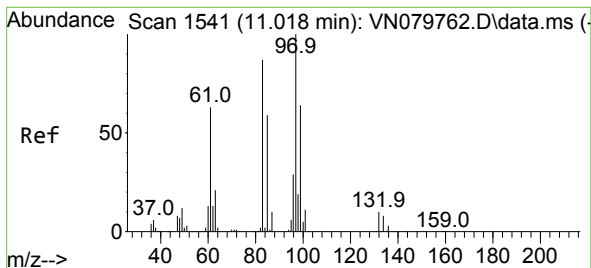
Tgt Ion: 75 Resp: 322463
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.751 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN079768.D
 Acq: 01 Nov 2023 13:36

Tgt Ion: 75 Resp: 353567
 Ion Ratio Lower Upper
 75 100
 77 30.2 26.1 39.1
 39 47.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 49.662 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

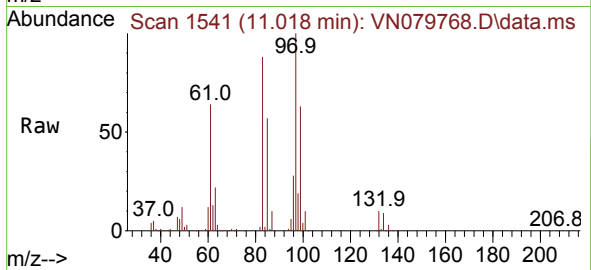
Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 203457

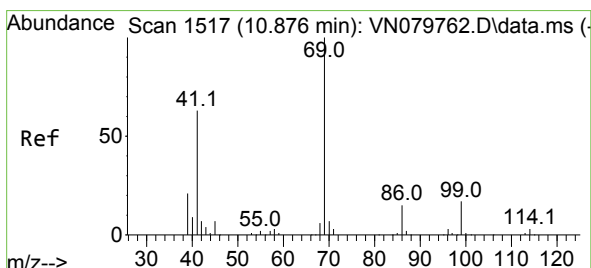
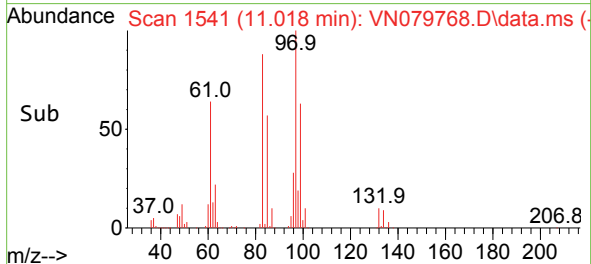
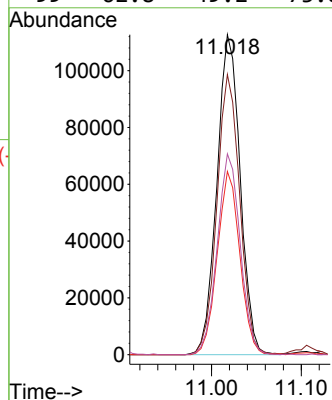
Ion Ratio Lower Upper

97 100

83 87.5 65.1 97.7

85 57.2 43.4 65.2

99 62.8 49.2 73.8



#56

Ethyl methacrylate

Concen: 52.735 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

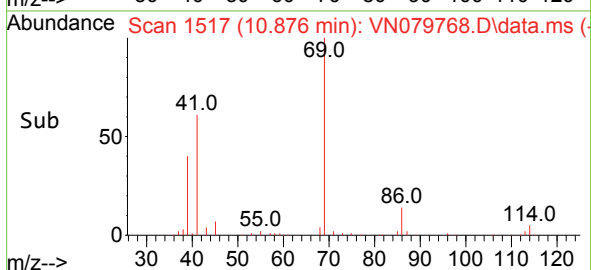
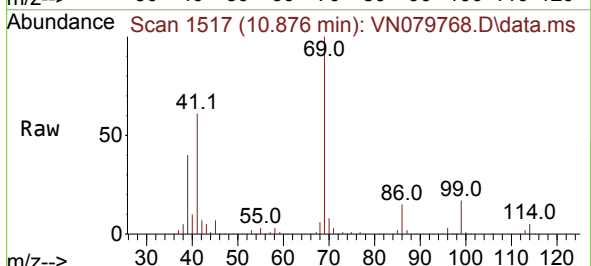
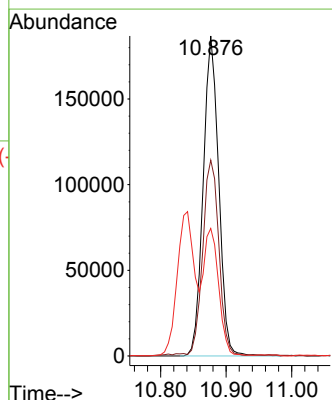
Tgt Ion: 69 Resp: 308167

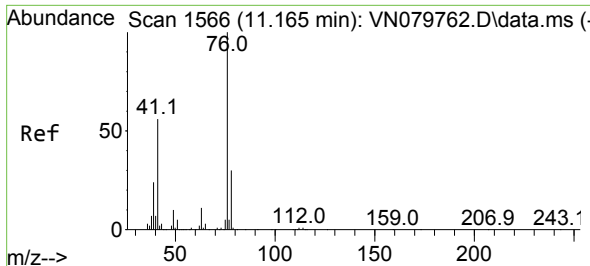
Ion Ratio Lower Upper

69 100

41 64.7 39.6 59.4#

39 38.1 28.6 43.0

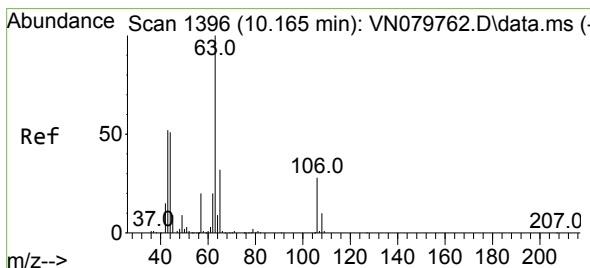
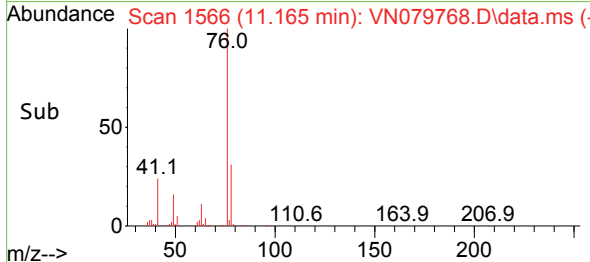
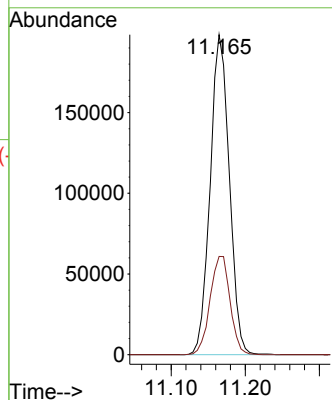
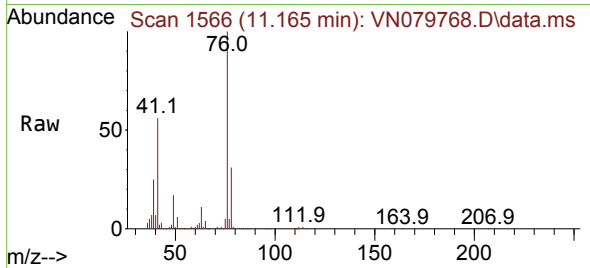




#57
1,3-Dichloropropane
Concen: 49.250 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

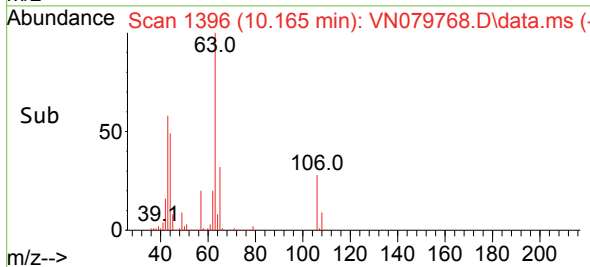
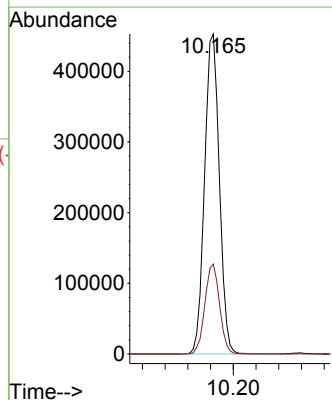
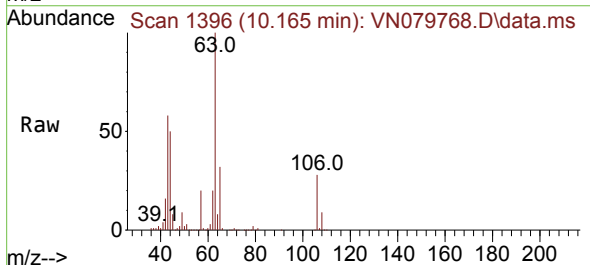
Instrument :
MSVOA_N
ClientSampleId :

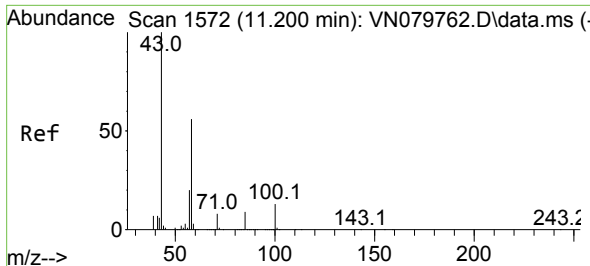
Tgt Ion: 76 Resp: 355652
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 275.007 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion: 63 Resp: 814522
Ion Ratio Lower Upper
63 100
106 27.9 26.2 39.4

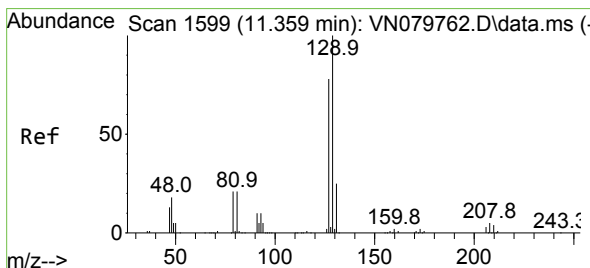
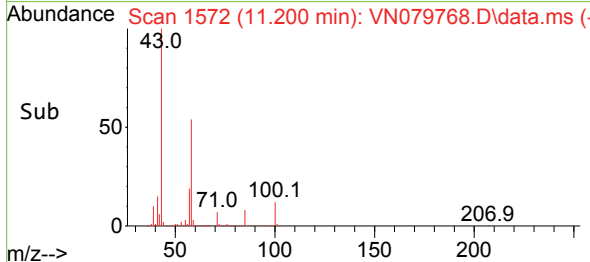
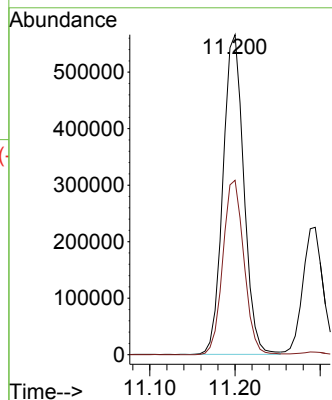
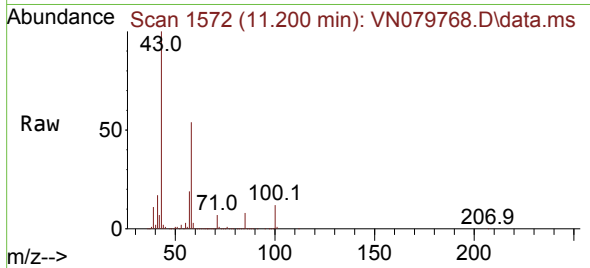




#59
2-Hexanone
Concen: 242.090 ug/l
RT: 11.200 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

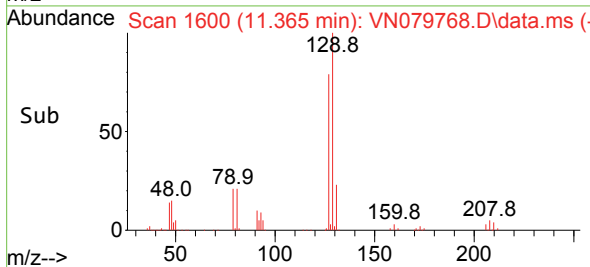
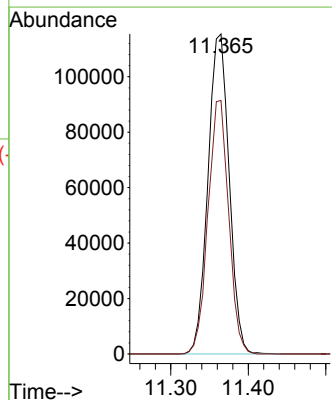
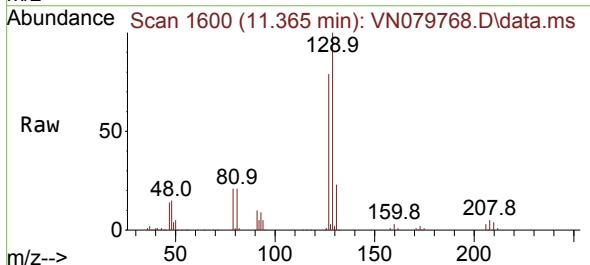
Instrument :
MSVOA_N
ClientSampleId :

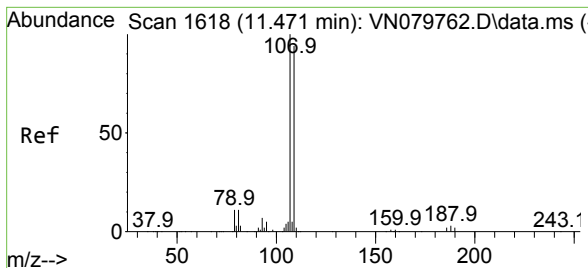
Tgt Ion: 43 Resp: 961951
Ion Ratio Lower Upper
43 100
58 55.3 31.7 95.1



#60
Dibromochloromethane
Concen: 50.060 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion: 129 Resp: 219530
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0

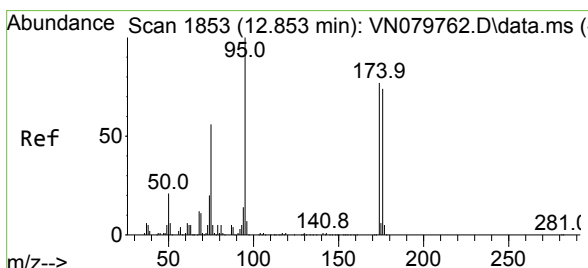
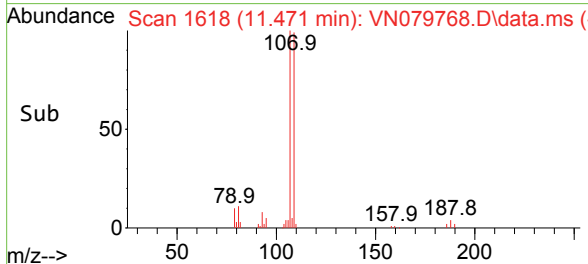
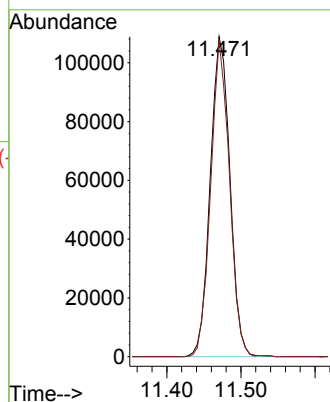
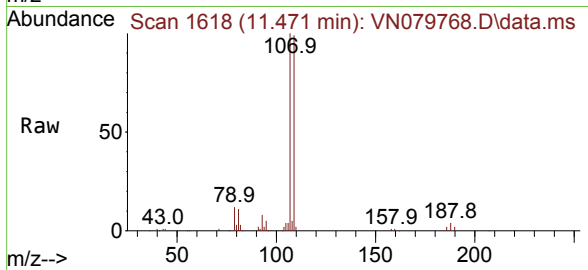




#61
1,2-Dibromoethane
Concen: 48.791 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

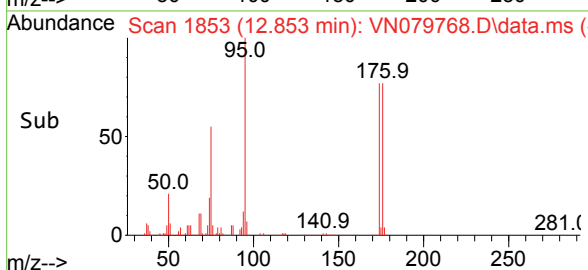
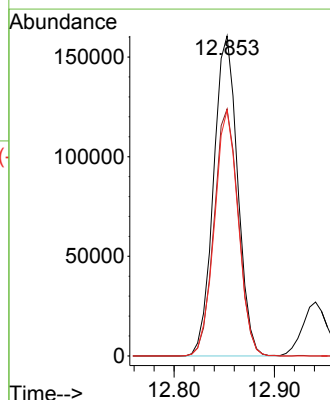
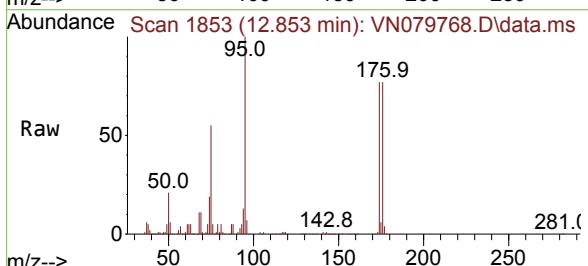
Instrument :
MSVOA_N
ClientSampleId :

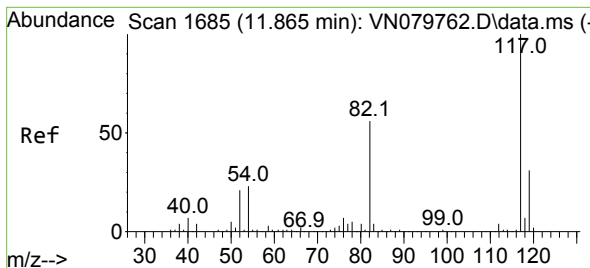
Tgt Ion:107 Resp: 200626
Ion Ratio Lower Upper
107 100
109 94.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 54.555 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion: 95 Resp: 267594
Ion Ratio Lower Upper
95 100
174 77.8 0.0 143.8
176 75.9 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

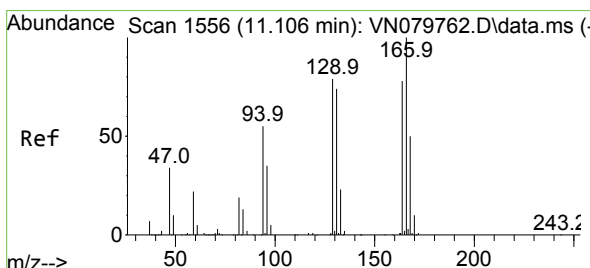
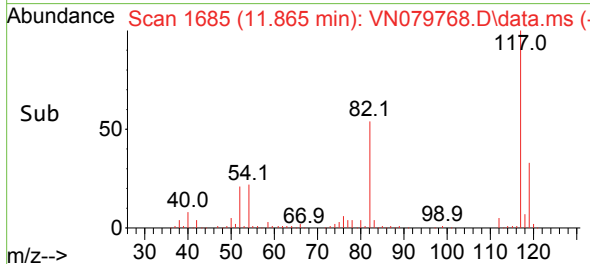
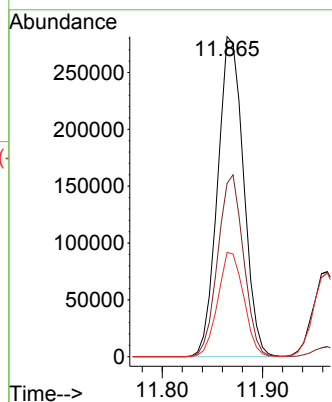
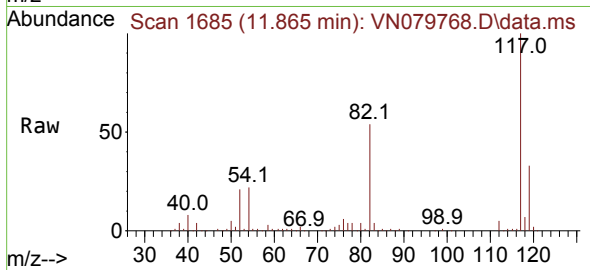
Tgt Ion:117 Resp: 505105

Ion Ratio Lower Upper

117 100

82 54.2 44.0 66.0

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 50.194 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

Tgt Ion:164 Resp: 164202

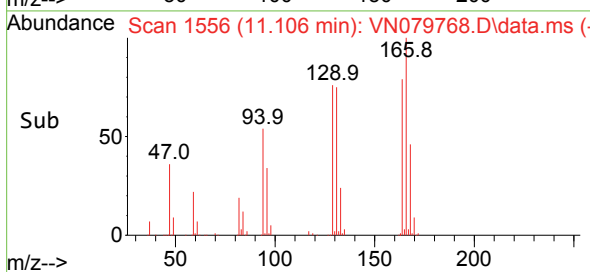
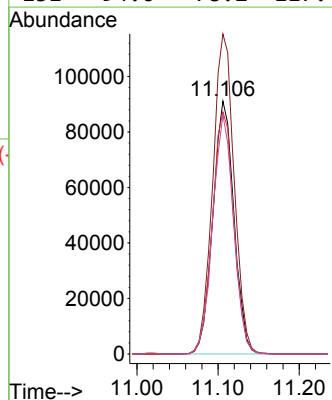
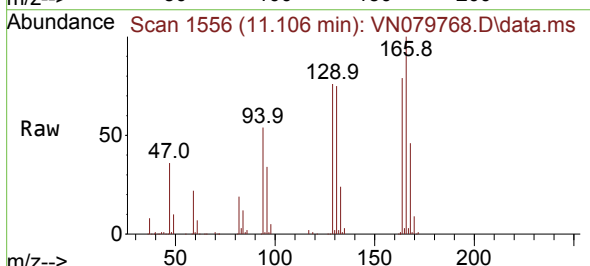
Ion Ratio Lower Upper

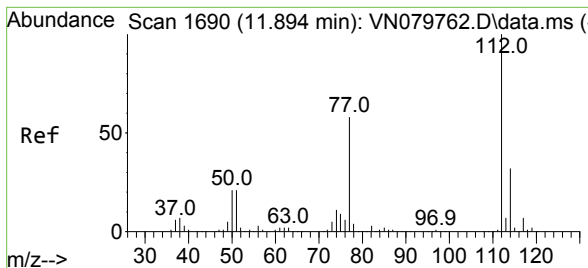
164 100

166 126.6 101.4 152.0

129 95.7 82.4 123.6

131 94.6 78.2 117.4

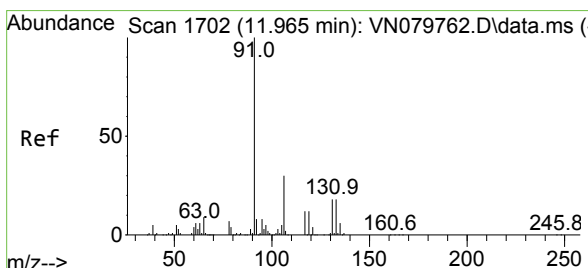
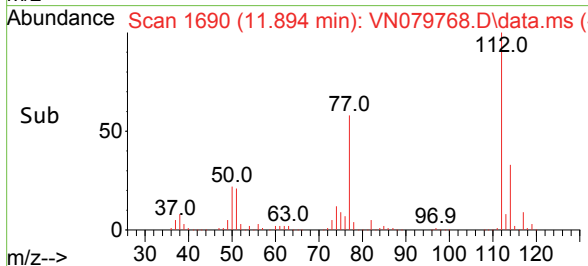
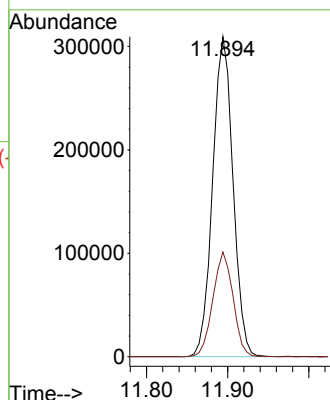
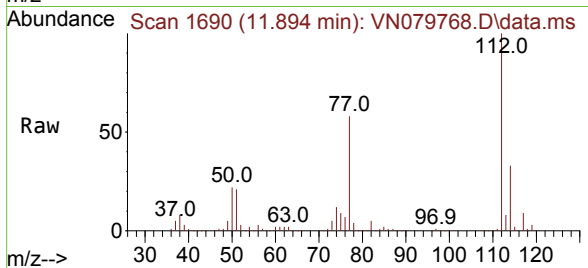




#65
Chlorobenzene
Concen: 49.231 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

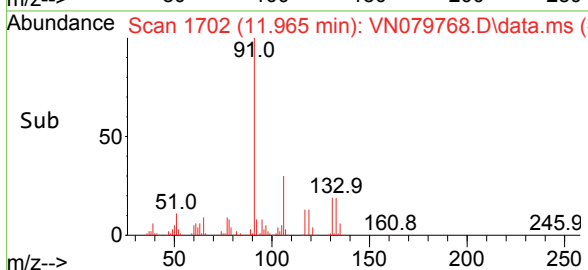
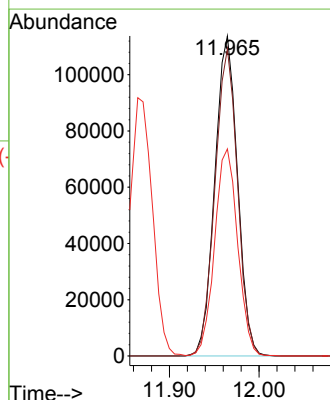
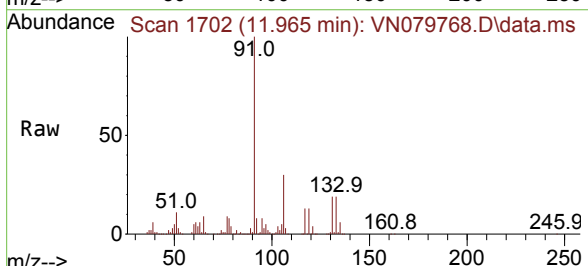
Instrument :
MSVOA_N
ClientSampleId :

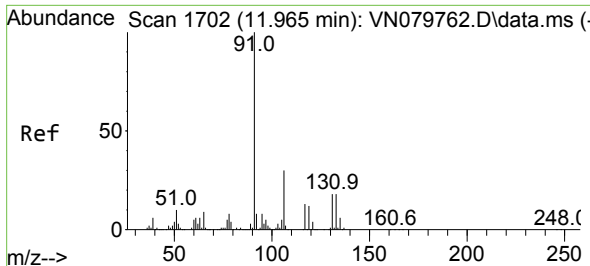
Tgt Ion:112 Resp: 539411
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.600 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion:131 Resp: 199747
Ion Ratio Lower Upper
131 100
133 95.6 46.4 139.1
119 65.8 34.1 102.2

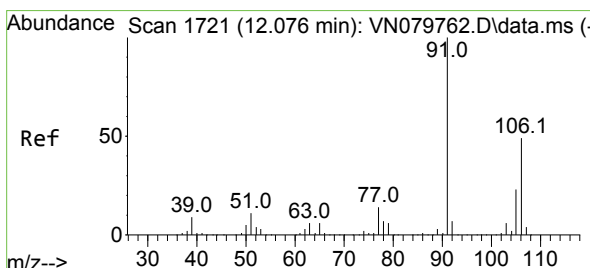
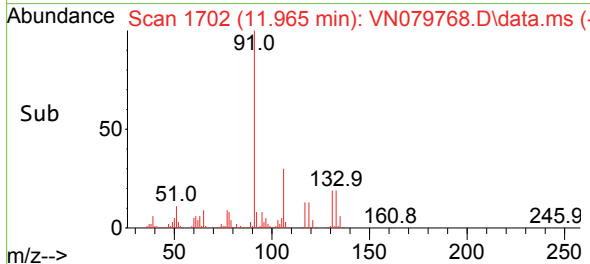
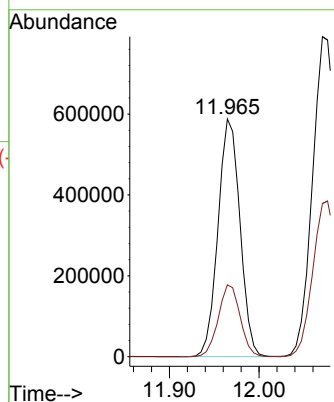
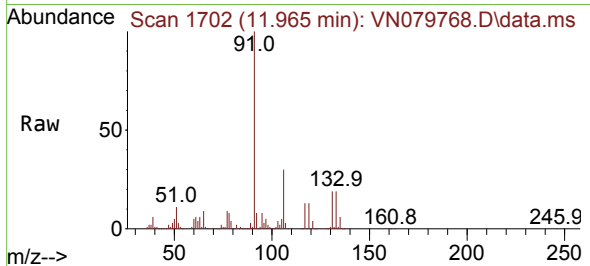




#67
Ethyl Benzene
Concen: 52.362 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

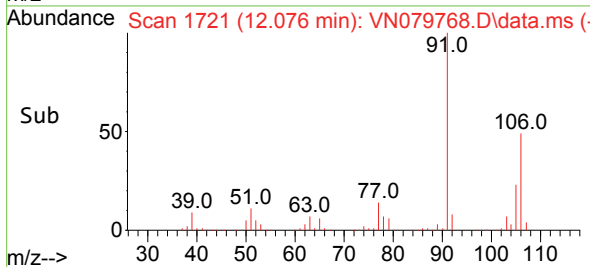
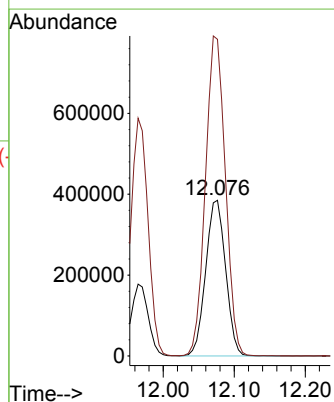
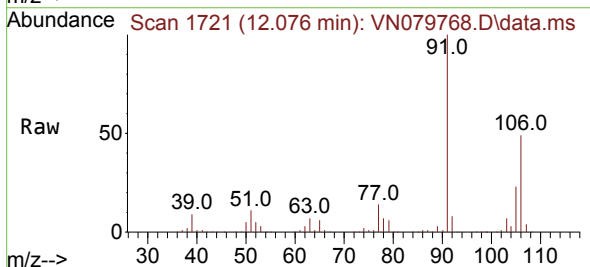
Instrument :
MSVOA_N
ClientSampleId :

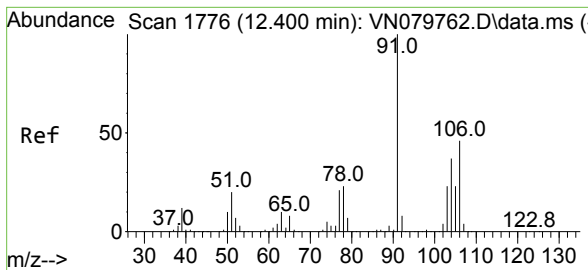
Tgt Ion: 91 Resp: 999566
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4



#68
m/p-Xylenes
Concen: 105.565 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion:106 Resp: 750686
Ion Ratio Lower Upper
106 100
91 205.8 159.6 239.4

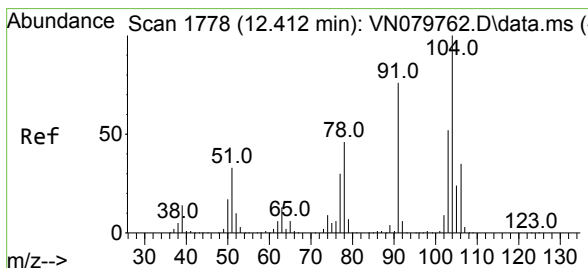
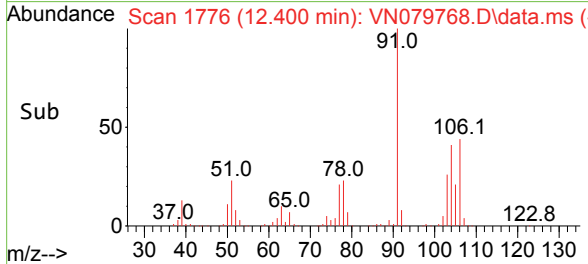
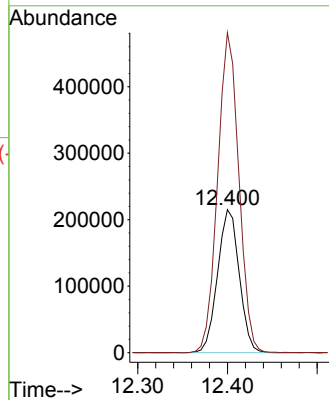
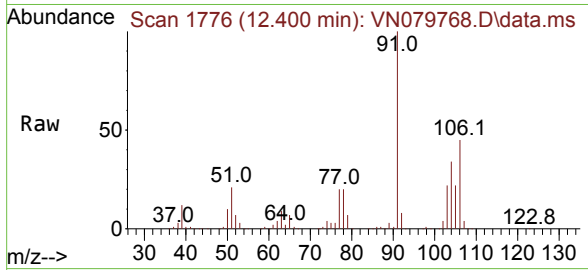




#69
o-Xylene
Concen: 52.654 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

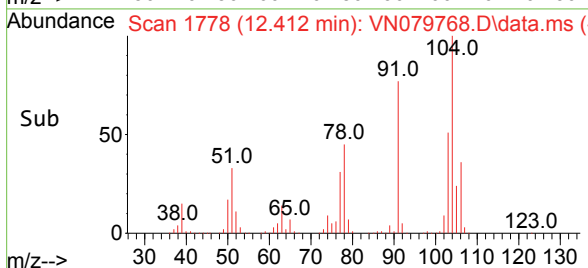
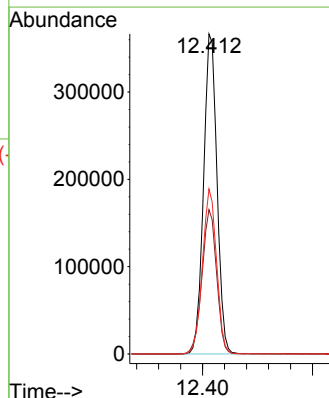
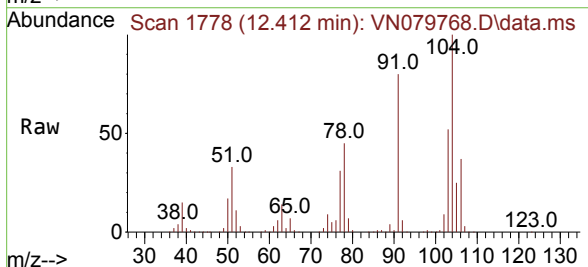
Instrument :
MSVOA_N
ClientSampleId :

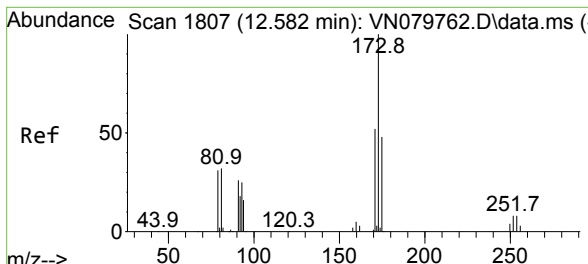
Tgt Ion:106 Resp: 360552
Ion Ratio Lower Upper
106 100
91 219.4 105.2 315.5



#70
Styrene
Concen: 56.535 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion:104 Resp: 622149
Ion Ratio Lower Upper
104 100
78 48.8 39.5 59.3
103 54.1 43.2 64.8

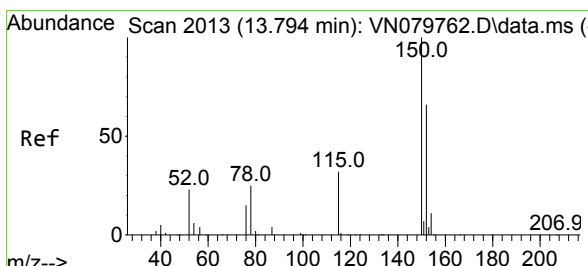
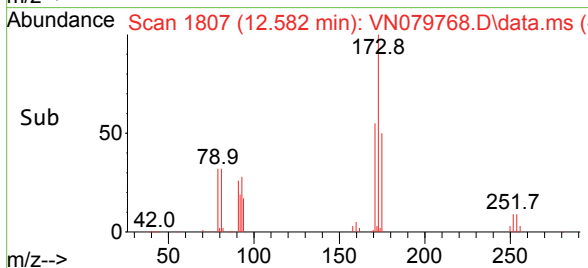
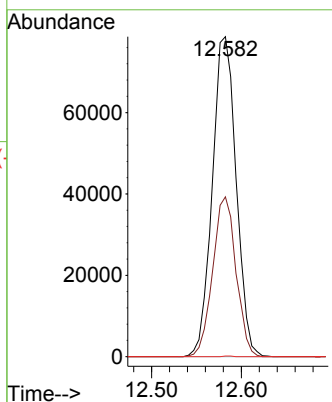
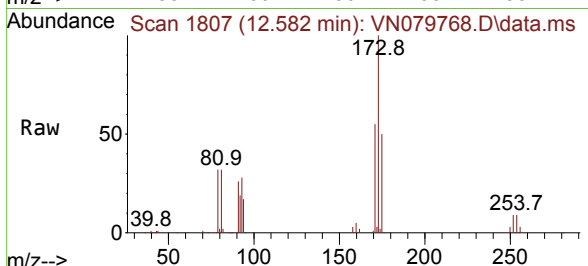




#71
 Bromoform
 Concen: 51.822 ug/l
 RT: 12.582 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: VN079768.D
 Acq: 01 Nov 2023 13:36

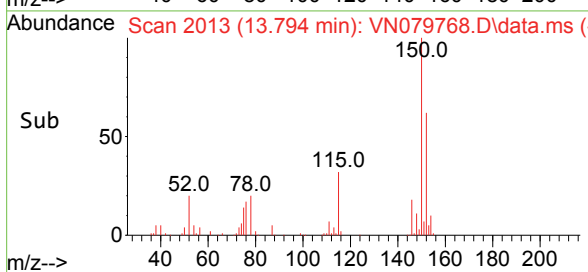
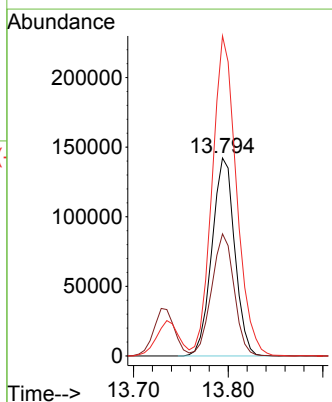
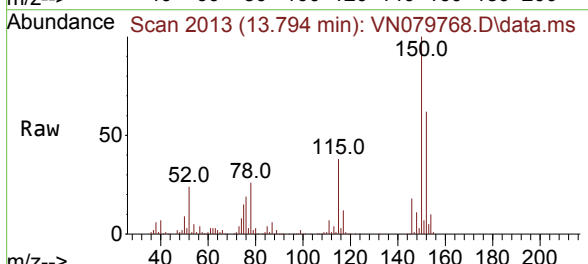
Instrument :
 MSVOA_N
 ClientSampleId :

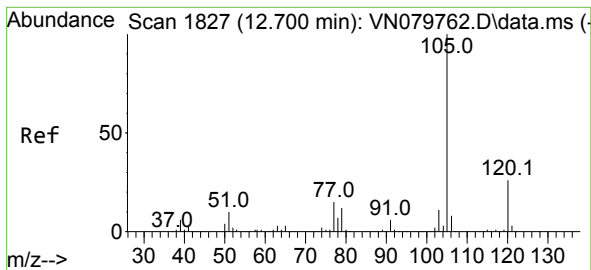
Tgt Ion:	173	Resp:	145262
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.3	73.0
254	0.1	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079768.D
 Acq: 01 Nov 2023 13:36

Tgt Ion:	152	Resp:	237827
Ion Ratio	Lower	Upper	
152	100		
115	61.0	32.3	96.8
150	172.3	0.0	355.8





#73

Isopropylbenzene

Concen: 50.996 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

Instrument :

MSVOA_N

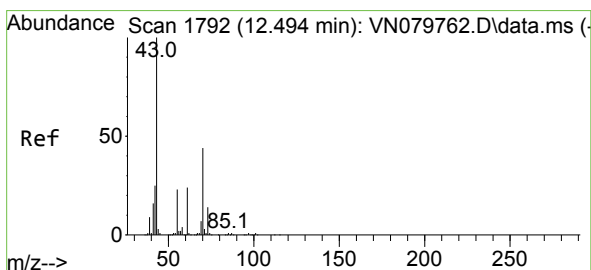
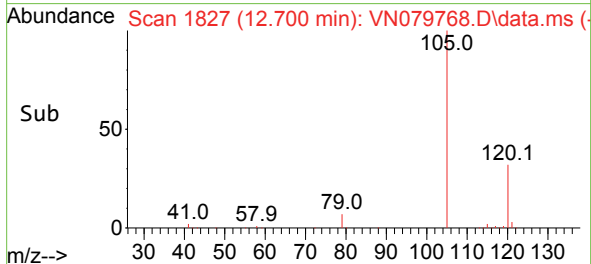
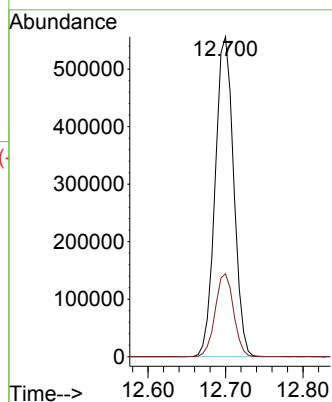
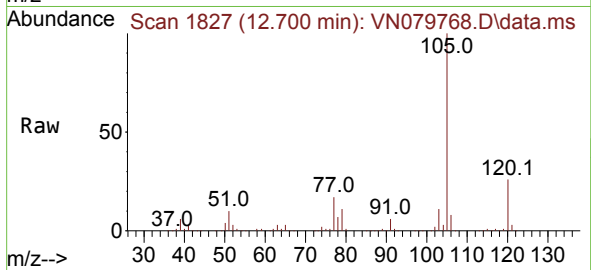
ClientSampleId :

Tgt Ion:105 Resp: 920456

Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.1



#74

N-ethyl acetate

Concen: 48.702 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

Tgt Ion: 43 Resp: 383699

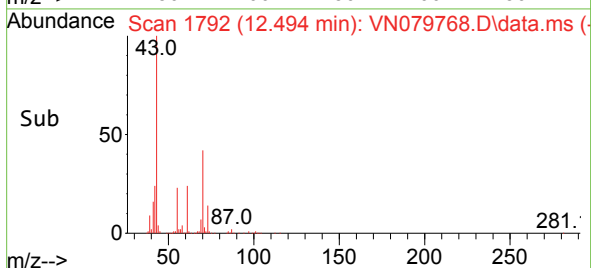
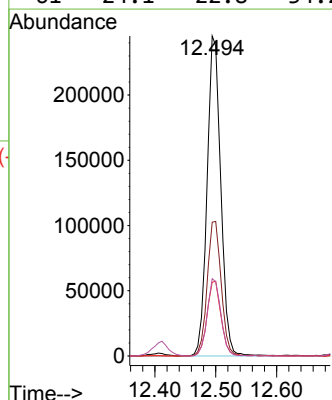
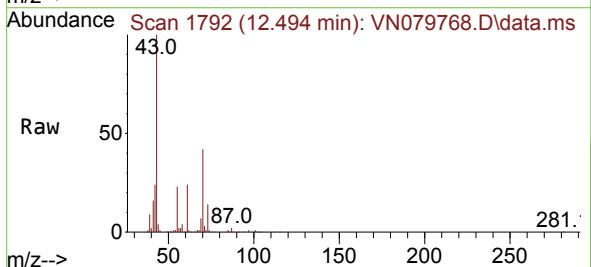
Ion Ratio Lower Upper

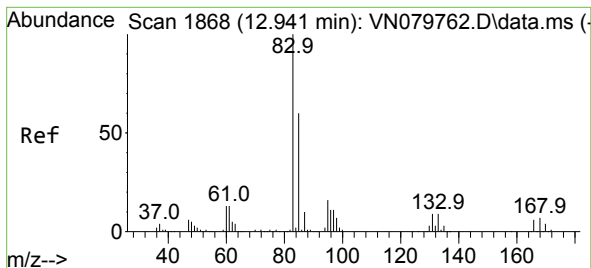
43 100

70 43.0 43.4 65.2#

55 23.8 21.4 32.0

61 24.1 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.719 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

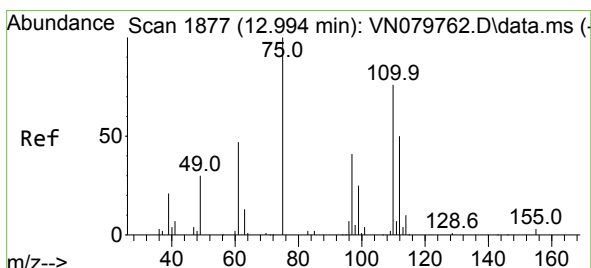
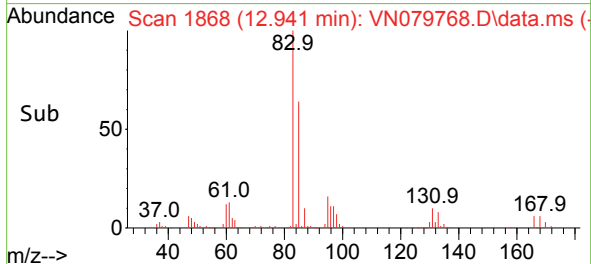
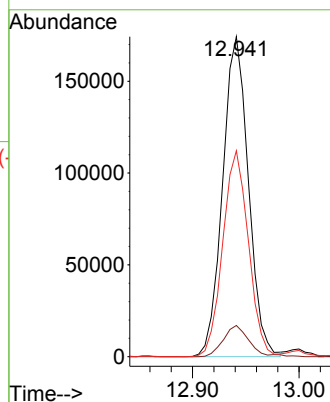
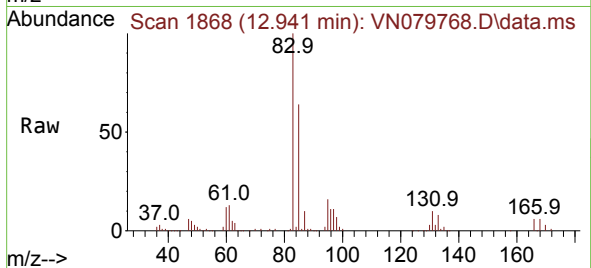
Tgt Ion: 83 Resp: 292587

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

85 64.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 65.472 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079768.D

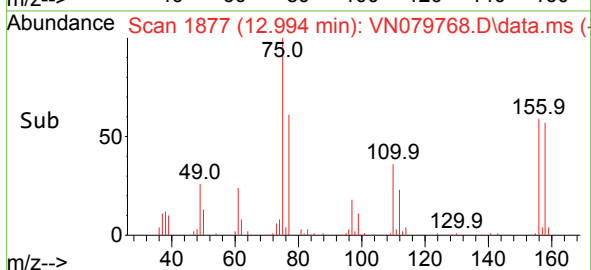
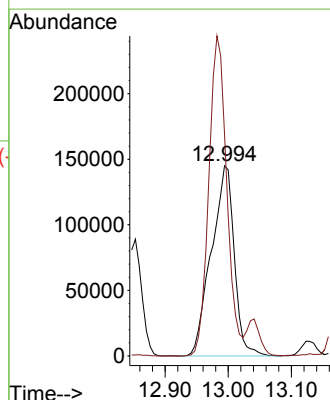
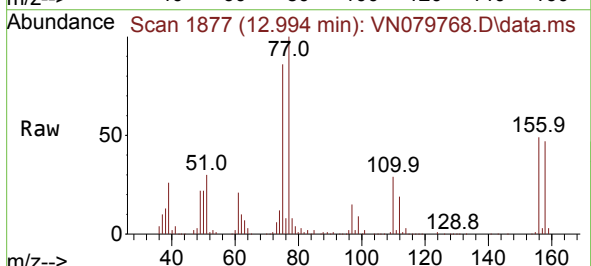
Acq: 01 Nov 2023 13:36

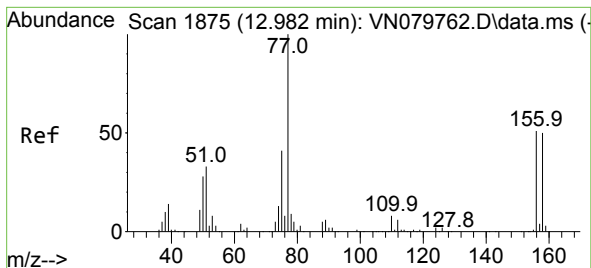
Tgt Ion: 75 Resp: 365560

Ion Ratio Lower Upper

75 100

77 132.2 84.5 253.5





#77

Bromobenzene

Concen: 50.095 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

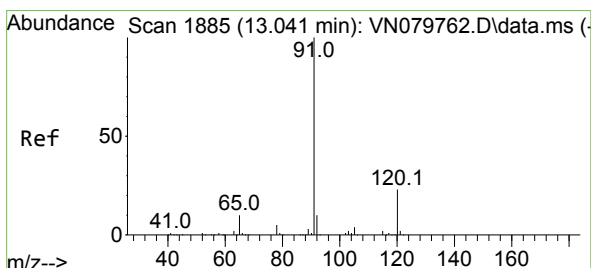
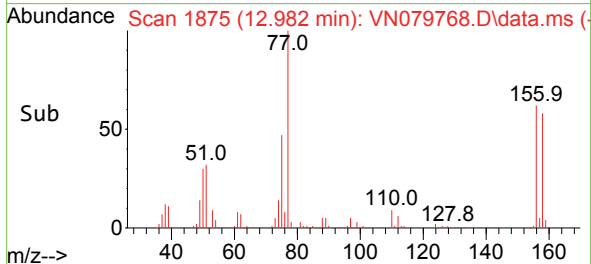
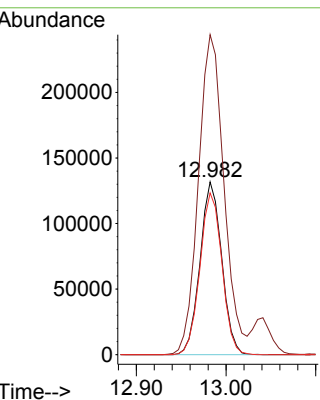
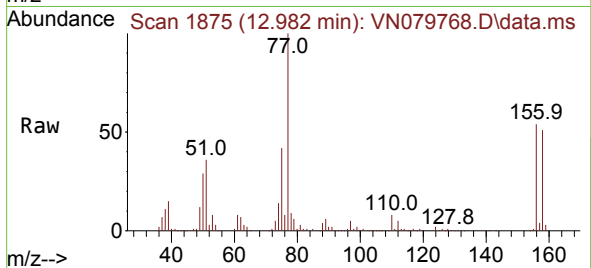
Tgt Ion:156 Resp: 221370

Ion Ratio Lower Upper

156 100

77 218.4 107.7 323.3

158 94.8 48.4 145.3



#78

n-propylbenzene

Concen: 52.477 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079768.D

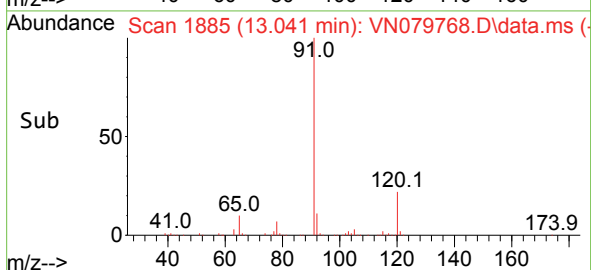
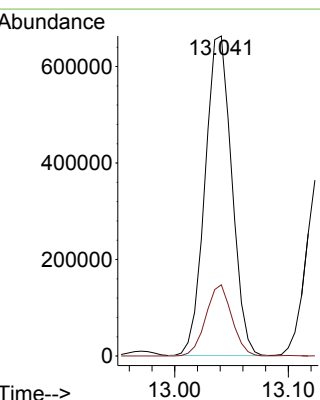
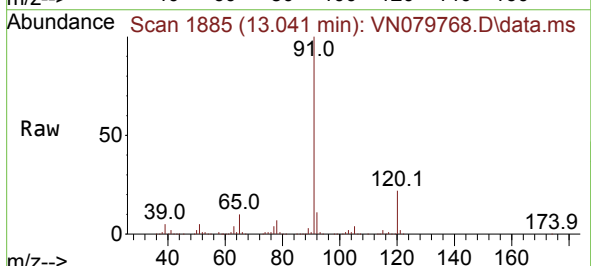
Acq: 01 Nov 2023 13:36

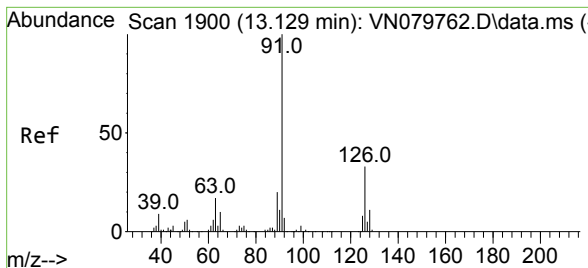
Tgt Ion: 91 Resp: 1084672

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.673 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

Instrument :

MSVOA_N

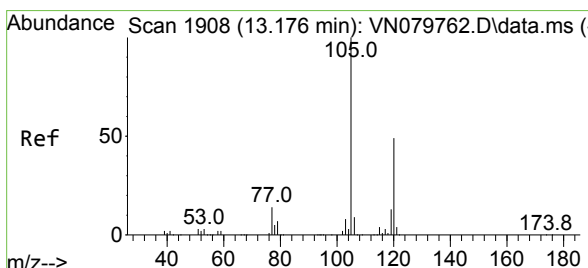
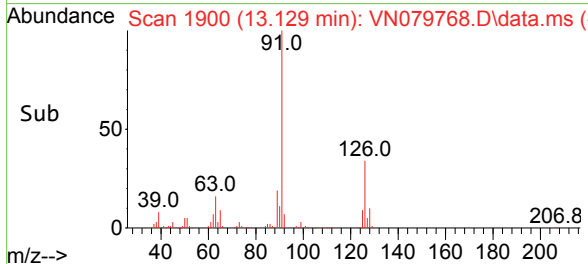
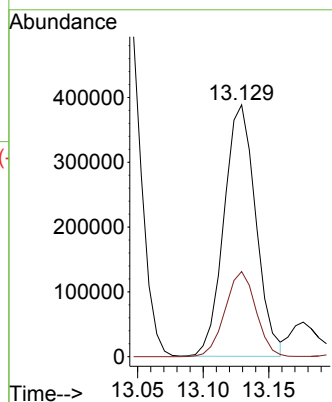
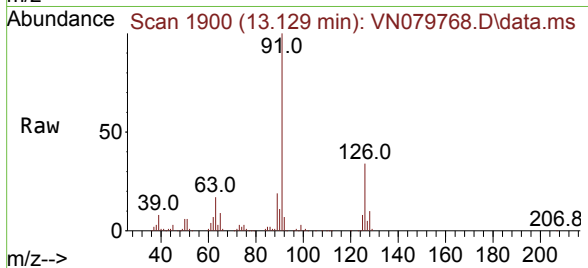
ClientSampleId :

Tgt Ion: 91 Resp: 655899

Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 52.109 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079768.D

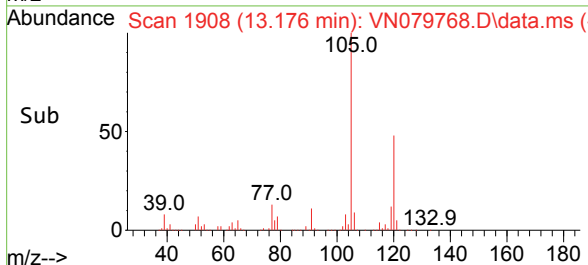
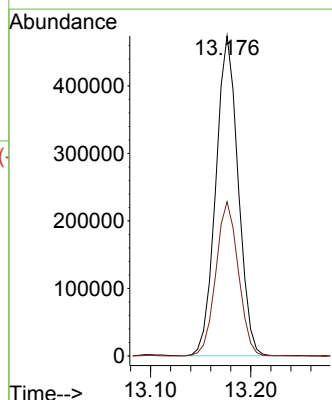
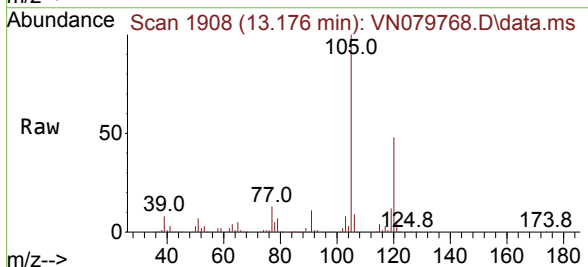
Acq: 01 Nov 2023 13:36

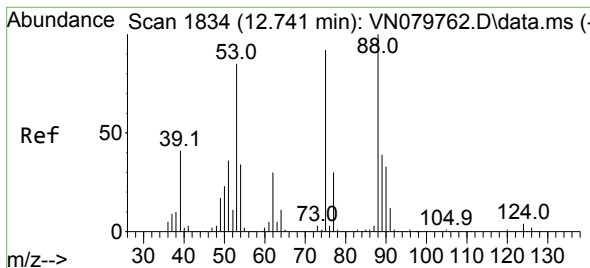
Tgt Ion:105 Resp: 731779

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.3

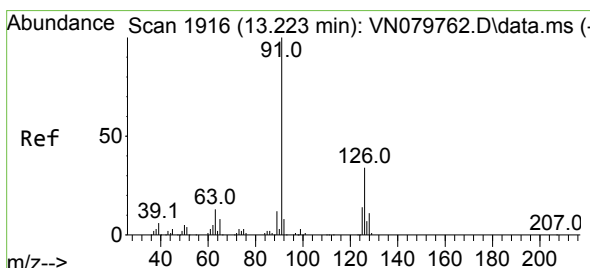
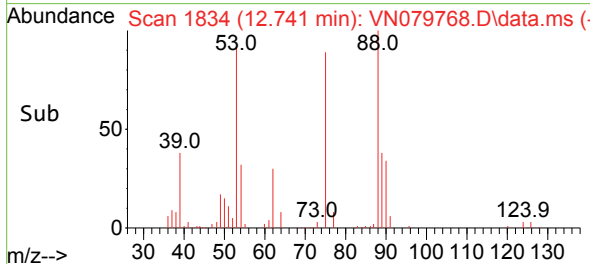
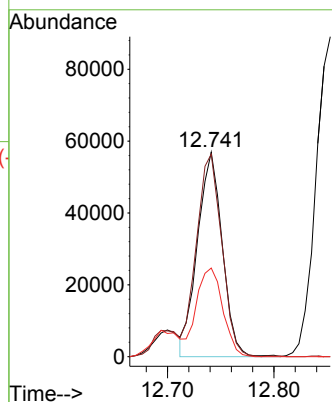
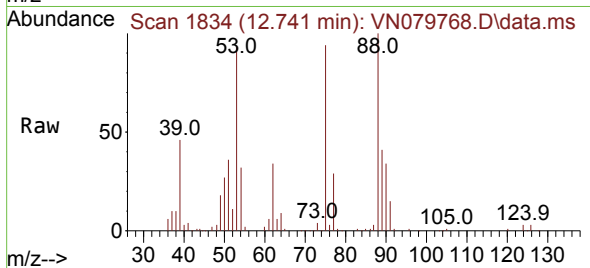




#81
trans-1,4-Dichloro-2-butene
Concen: 44.906 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

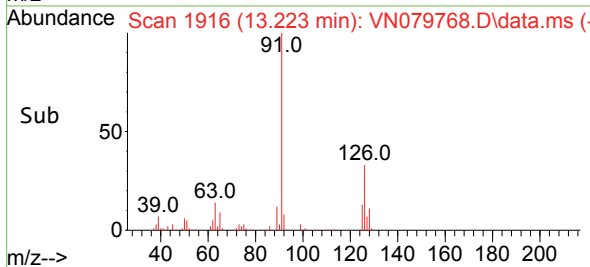
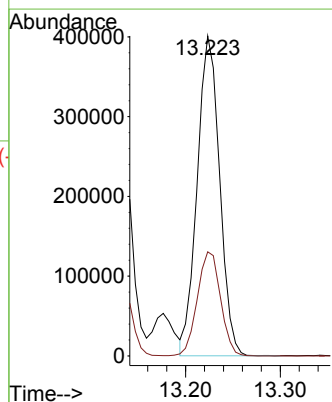
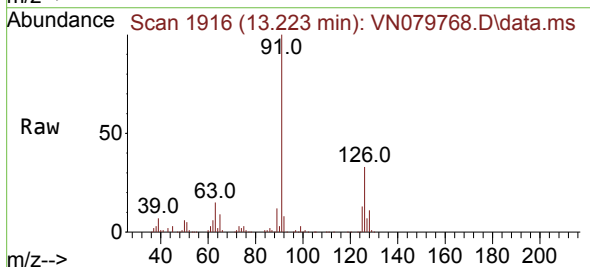
Instrument :
MSVOA_N
ClientSampleId :

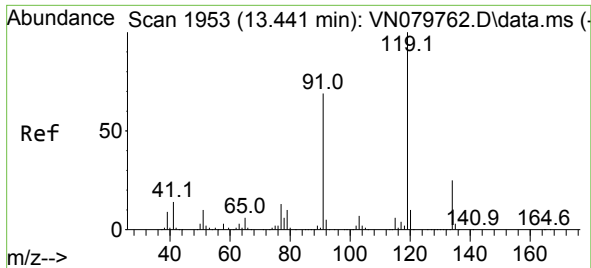
Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.3	67.4	101.2#
89	46.8	38.8	58.2



#82
4-Chlorotoluene
Concen: 50.233 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.7	50.0

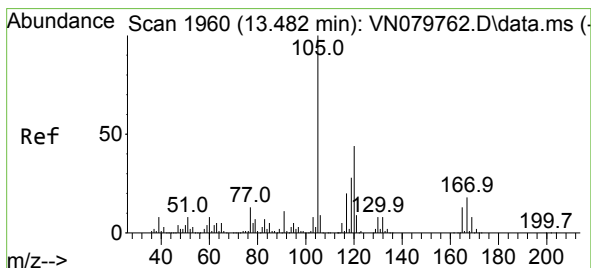
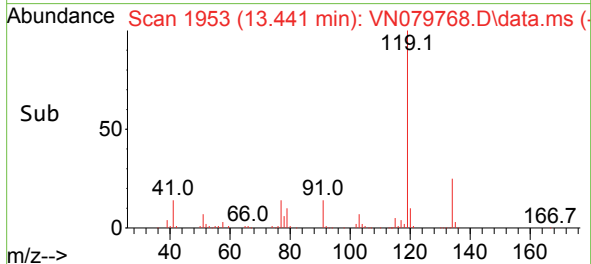
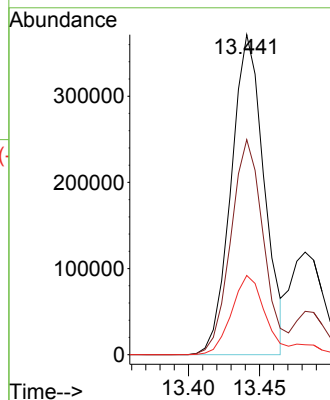
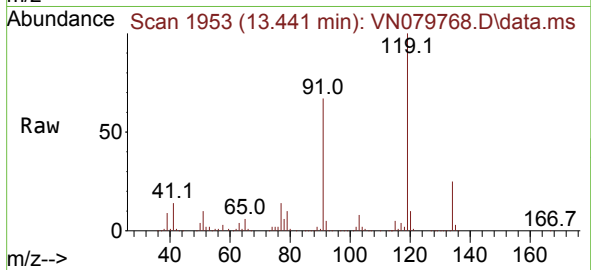




#83
 tert-Butylbenzene
 Concen: 52.148 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079768.D
 Acq: 01 Nov 2023 13:36

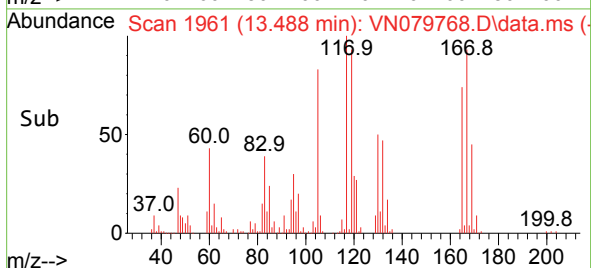
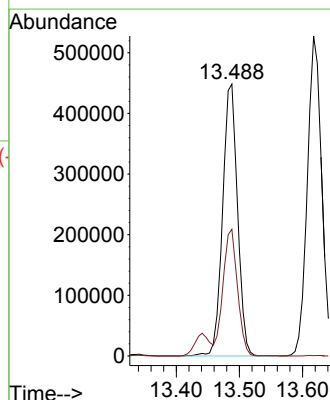
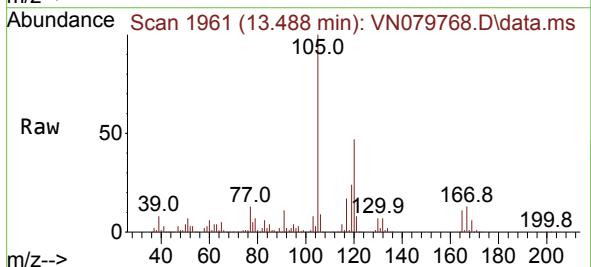
Instrument :
 MSVOA_N
 ClientSampleId :

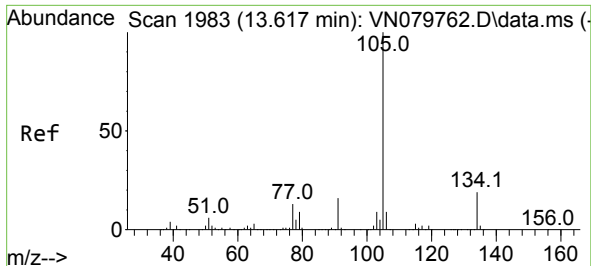
Tgt Ion:119 Resp: 599442
 Ion Ratio Lower Upper
 119 100
 91 67.3 33.9 101.7
 134 25.0 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 53.294 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN079768.D
 Acq: 01 Nov 2023 13:36

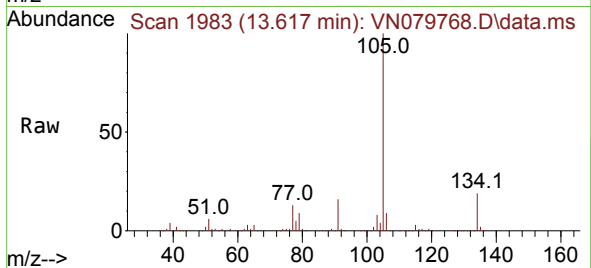
Tgt Ion:105 Resp: 736331
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.0 66.0



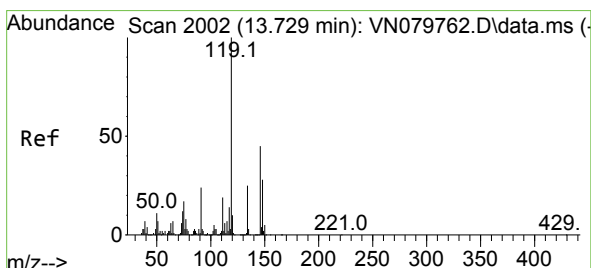
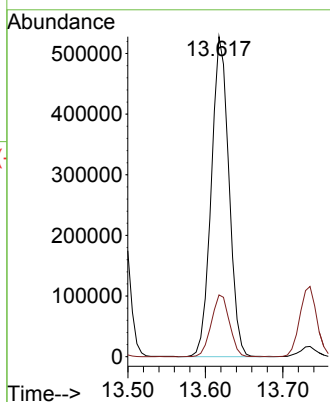
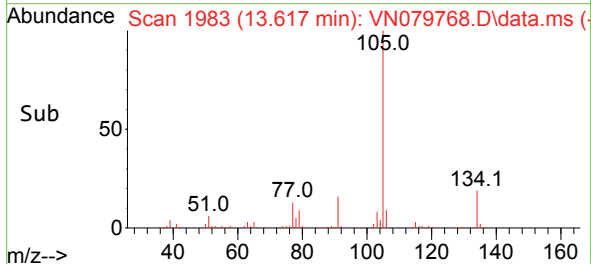


#85
 sec-Butylbenzene
 Concen: 52.320 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079768.D
 Acq: 01 Nov 2023 13:36

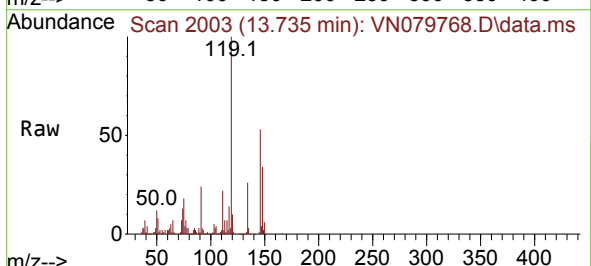
Instrument :
 MSVOA_N
 ClientSampleId :



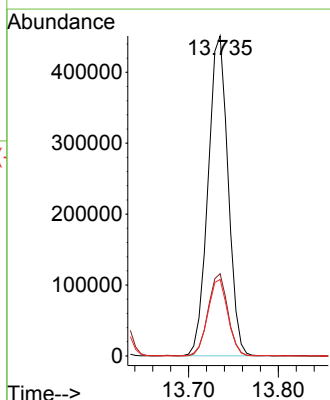
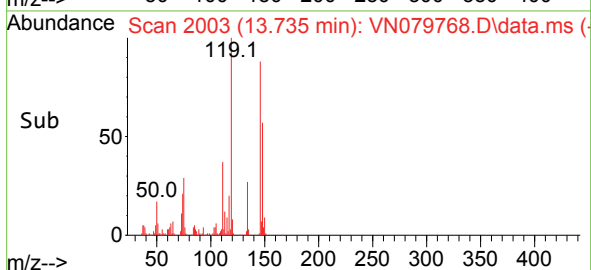
Tgt Ion:105 Resp: 833238
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

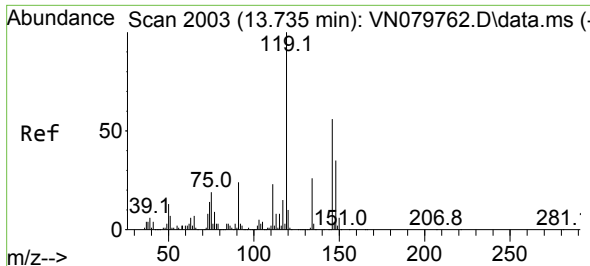


#86
 p-Isopropyltoluene
 Concen: 53.631 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079768.D
 Acq: 01 Nov 2023 13:36



Tgt Ion:119 Resp: 696371
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 24.0 12.4 37.2

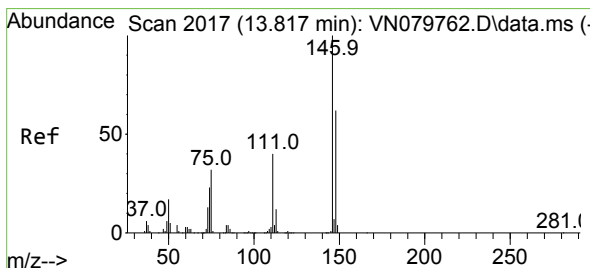
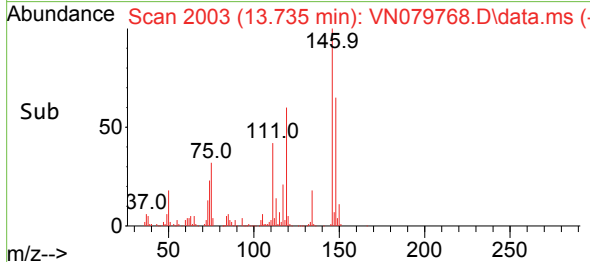
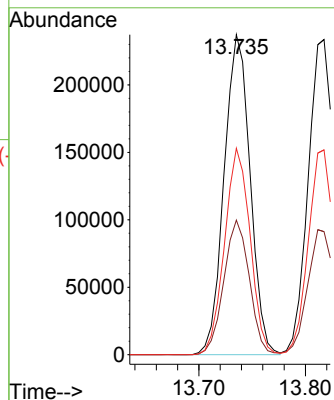
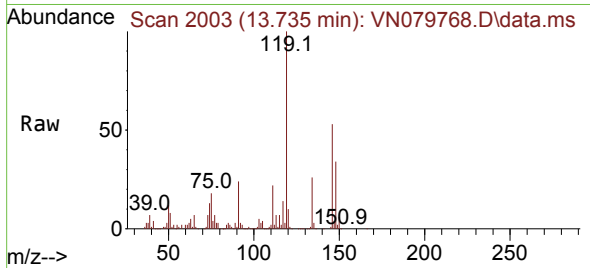




#87
 1,3-Dichlorobenzene
 Concen: 48.932 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079768.D
 Acq: 01 Nov 2023 13:36

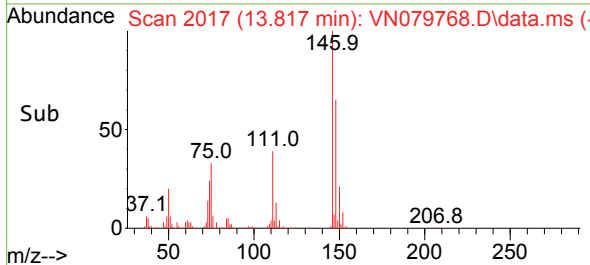
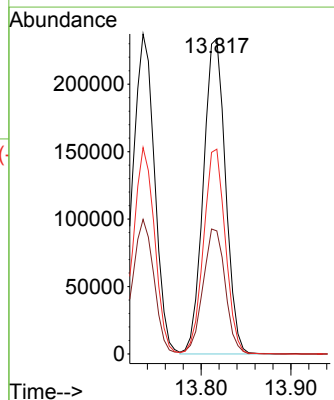
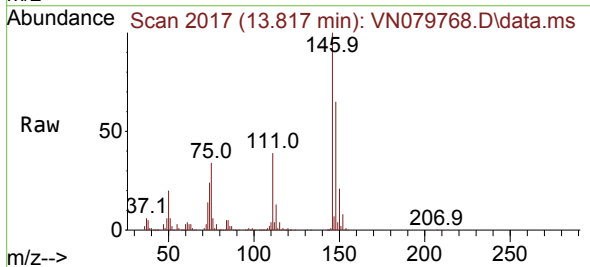
Instrument :
 MSVOA_N
 ClientSampleId :

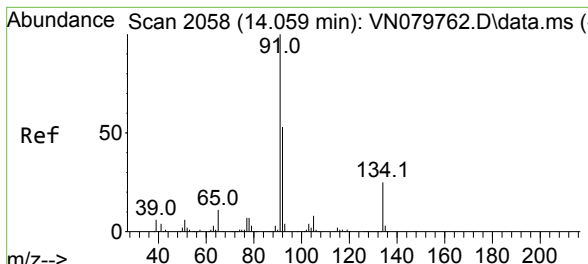
Tgt Ion:146 Resp: 402253
 Ion Ratio Lower Upper
 146 100
 111 41.4 22.1 66.3
 148 63.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.022 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN079768.D
 Acq: 01 Nov 2023 13:36

Tgt Ion:146 Resp: 400708
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.6 61.8
 148 64.1 31.6 94.8

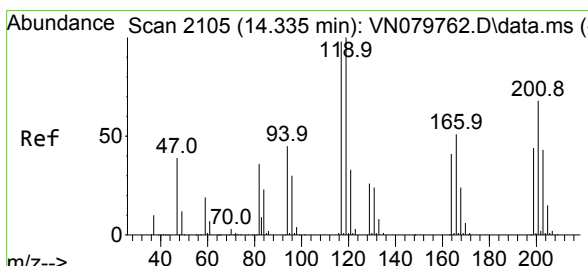
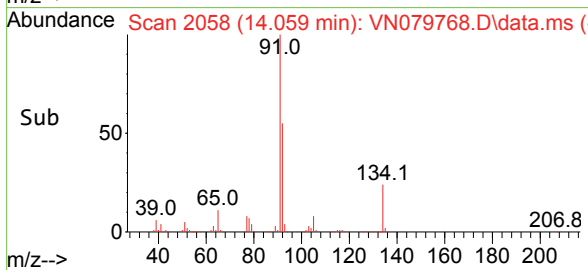
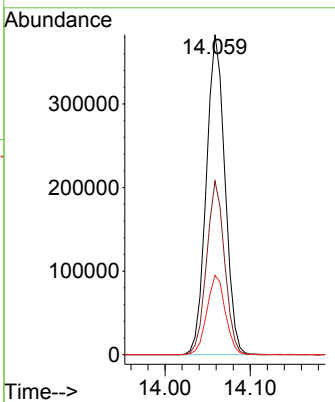
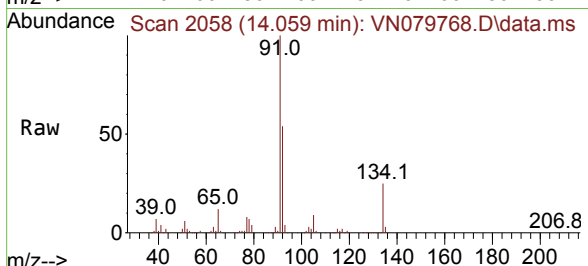




#89
 n-Butylbenzene
 Concen: 52.110 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VN079768.D
 Acq: 01 Nov 2023 13:36

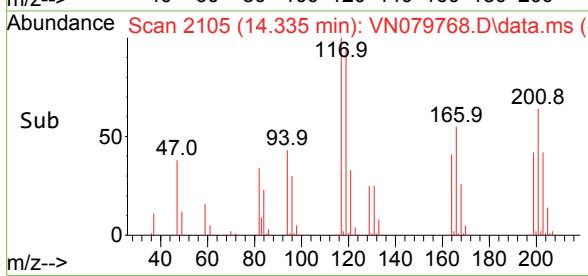
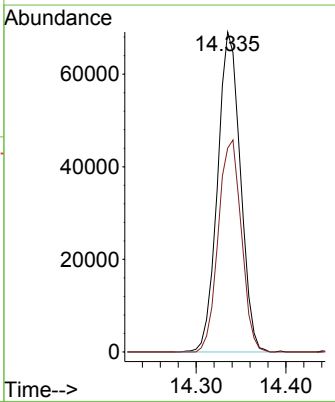
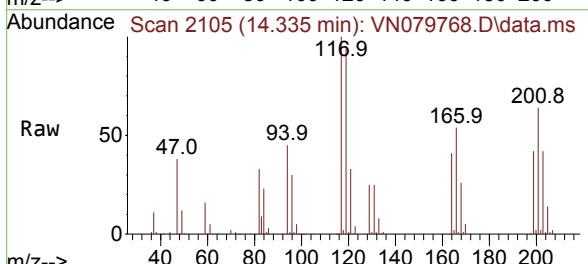
Instrument :
 MSVOA_N
 ClientSampleId :

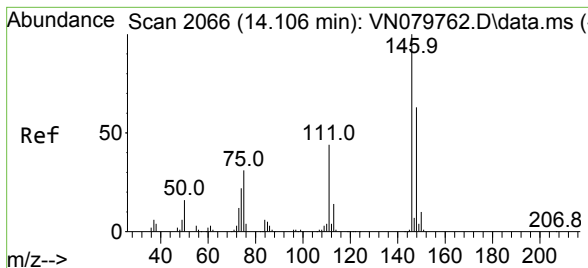
Tgt Ion:	91	Resp:	582770
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.0
134	24.6	12.6	37.6



#90
 Hexachloroethane
 Concen: 47.499 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN079768.D
 Acq: 01 Nov 2023 13:36

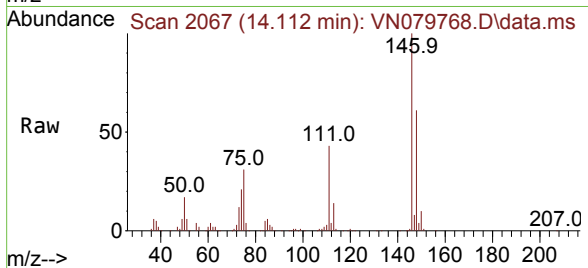
Tgt Ion:	117	Resp:	122143
Ion	Ratio	Lower	Upper
117	100		
201	66.9	29.3	88.0



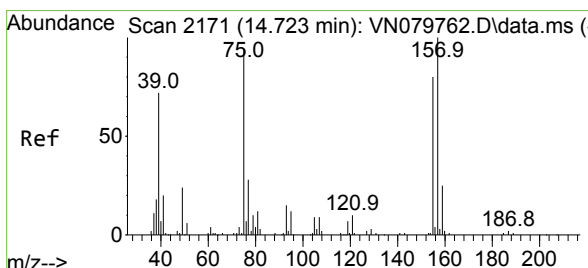
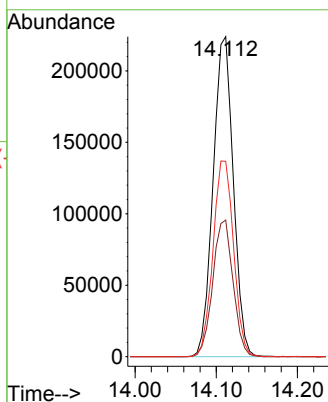
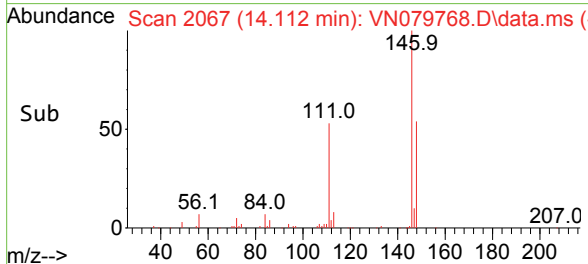


#91
1,2-Dichlorobenzene
Concen: 49.958 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

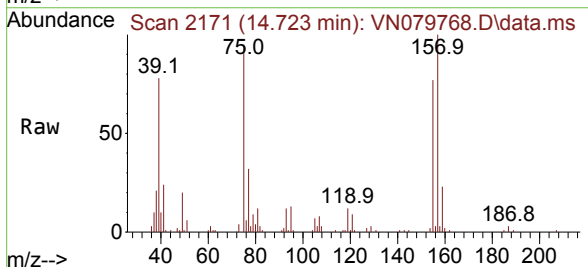
Instrument :
MSVOA_N
ClientSampleId :



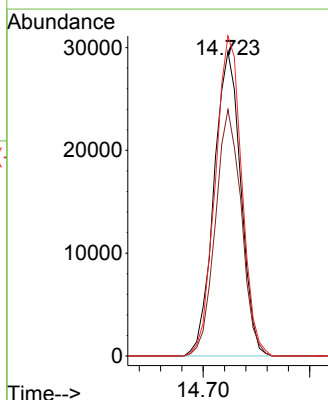
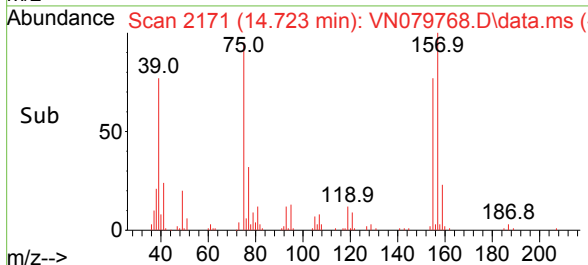
Tgt Ion:146 Resp: 387694
Ion Ratio Lower Upper
146 100
111 42.8 22.0 66.0
148 62.4 31.8 95.3

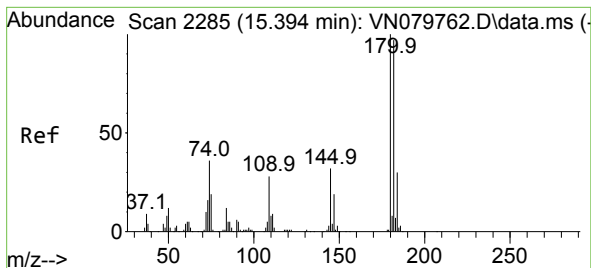


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.589 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36



Tgt Ion: 75 Resp: 51647
Ion Ratio Lower Upper
75 100
155 78.5 39.1 117.2
157 103.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 48.567 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

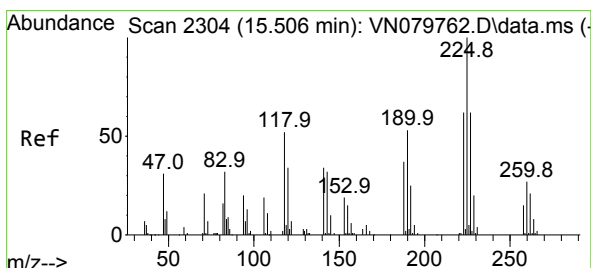
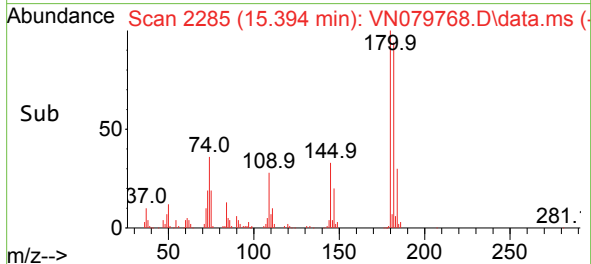
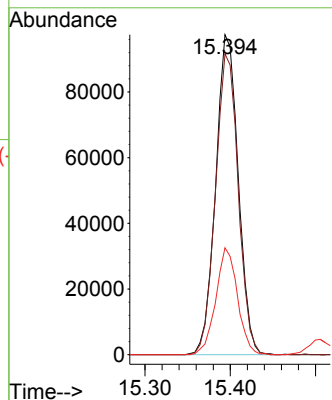
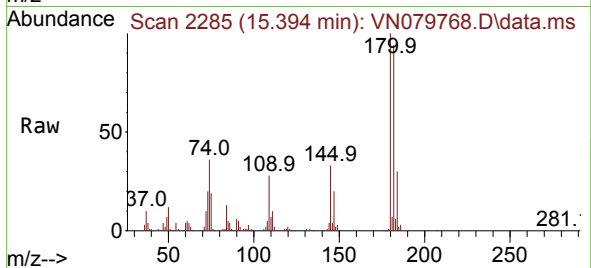
Tgt Ion:180 Resp: 179211

Ion Ratio Lower Upper

180 100

182 94.5 46.1 138.2

145 32.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 43.166 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079768.D

Acq: 01 Nov 2023 13:36

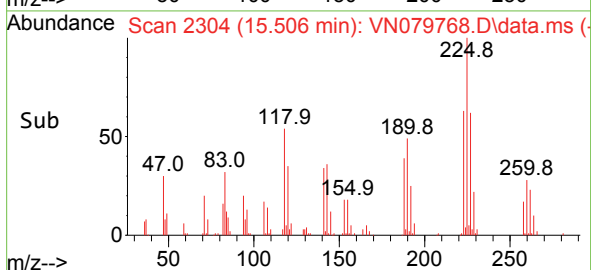
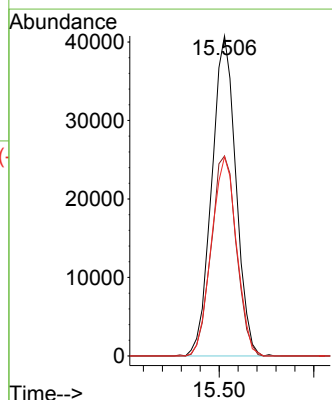
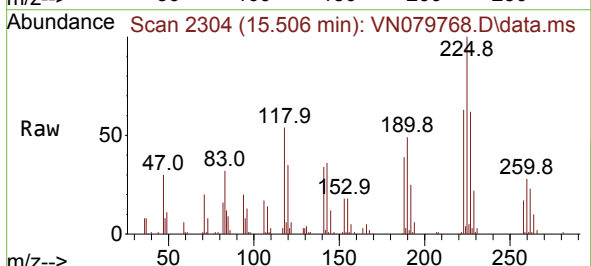
Tgt Ion:225 Resp: 72206

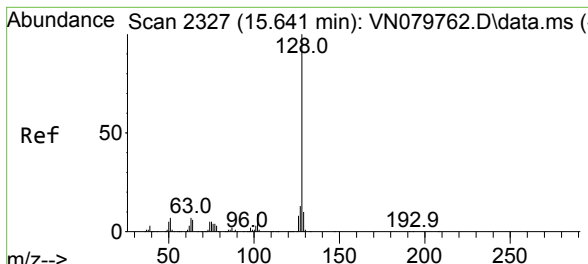
Ion Ratio Lower Upper

225 100

223 65.3 31.3 93.8

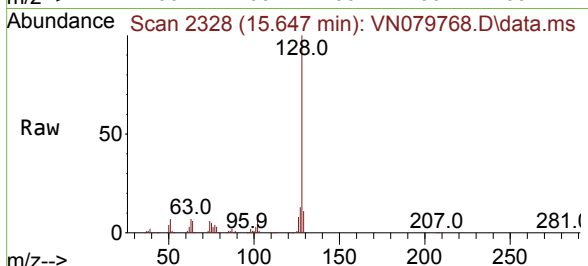
227 64.9 31.9 95.9



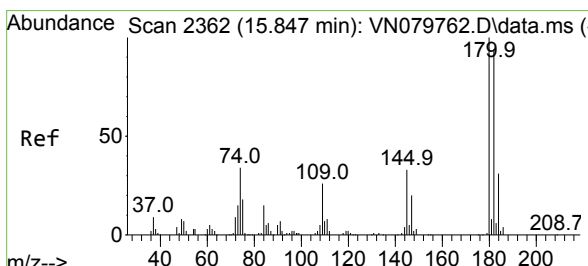
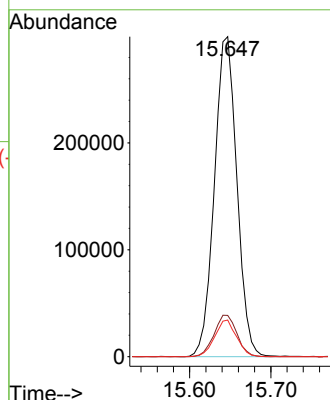
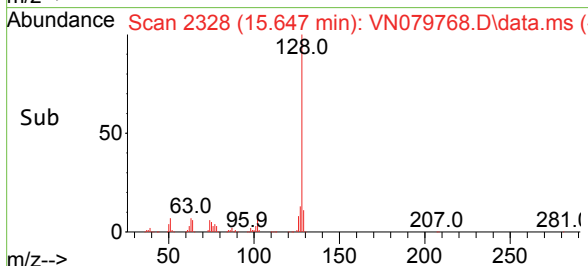


#95
Naphthalene
Concen: 46.081 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36

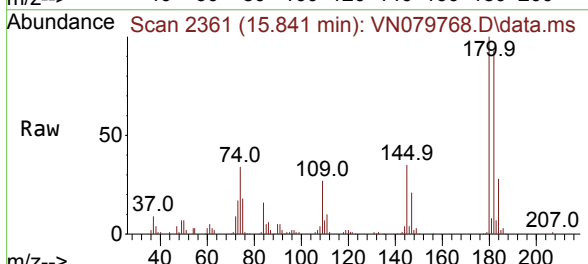
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 576639
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.129 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079768.D
Acq: 01 Nov 2023 13:36



Tgt Ion:180 Resp: 170465
Ion Ratio Lower Upper
180 100
182 95.6 46.2 138.6
145 34.0 17.5 52.6

