

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079763.D
 Acq On : 01 Nov 2023 10:50
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 02 05:29:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:25:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	323337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	567961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	510971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	99193	20.136	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	40.280%#
35) Dibromofluoromethane	8.171	113	81828	20.356	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	40.720%#
50) Toluene-d8	10.570	98	301811	20.395	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	40.780%#
62) 4-Bromofluorobenzene	12.853	95	101450	20.671	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	41.340%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	80124	20.573	ug/l	96
3) Chloromethane	2.359	50	102883	20.380	ug/l	99
4) Vinyl Chloride	2.512	62	101098	19.831	ug/l	99
5) Bromomethane	2.953	94	63422	20.475	ug/l	94
6) Chloroethane	3.118	64	68777	17.010	ug/l	99
7) Trichlorofluoromethane	3.494	101	125366	19.771	ug/l	94
8) Diethyl Ether	3.965	74	47827	19.876	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	69170	18.818	ug/l	100
10) Methyl Iodide	4.594	142	86381	20.578	ug/l	91
11) Tert butyl alcohol	5.518	59	64131	101.983	ug/l	99
12) 1,1-Dichloroethene	4.347	96	68425	19.660	ug/l	87
13) Acrolein	4.183	56	51968	94.587	ug/l	100
14) Allyl chloride	5.024	41	113291	21.253	ug/l #	93
15) Acrylonitrile	5.724	53	192582	98.271	ug/l	99
16) Acetone	4.430	43	158587	91.650	ug/l	96
17) Carbon Disulfide	4.712	76	192543	19.179	ug/l	98
18) Methyl Acetate	5.024	43	158221	19.112	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	237428	19.815	ug/l	93
20) Methylene Chloride	5.271	84	82000	18.781	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	75301	19.399	ug/l	86
22) Diisopropyl ether	6.677	45	253308	20.505	ug/l #	90
23) Vinyl Acetate	6.606	43	700565	102.812	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	147604	19.659	ug/l	97
25) 2-Butanone	7.488	43	250844	98.997	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	122717	19.762	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	90957	19.590	ug/l	88
28) Bromochloromethane	7.812	49	74285	20.301	ug/l #	80
29) Tetrahydrofuran	7.841	42	166904	101.242	ug/l #	77
30) Chloroform	7.971	83	152153	18.656	ug/l	100
31) Cyclohexane	8.259	56	121220	18.622	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	129793	19.531	ug/l	97
36) 1,1-Dichloropropene	8.377	75	111658	19.454	ug/l	95
37) Ethyl Acetate	7.565	43	107056	20.338	ug/l #	90
38) Carbon Tetrachloride	8.359	117	111112	19.209	ug/l	98
39) Methylcyclohexane	9.606	83	103977	19.250	ug/l	92
40) Benzene	8.612	78	332051	19.315	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	59111	21.147	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	115482	19.231	ug/l	100
43) Isopropyl Acetate	8.688	43	177446	19.222	ug/l #	92
44) Trichloroethene	9.353	130	81033	18.996	ug/l	99
45) 1,2-Dichloropropane	9.624	63	85214	19.397	ug/l	97
46) Dibromomethane	9.712	93	57985	19.330	ug/l	92
47) Bromodichloromethane	9.888	83	117729	18.402	ug/l #	99
48) Methyl methacrylate	9.682	41	80086	19.807	ug/l #	84
49) 1,4-Dioxane	9.694	88	31156	436.073	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	527912	101.578	ug/l	90
52) Toluene	10.635	92	199325	19.558	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	125664	20.037	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	137918	20.175	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	81949	19.991	ug/l	98
56) Ethyl methacrylate	10.876	69	118887	20.333	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	141873	19.635	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	301070	101.592	ug/l	91
59) 2-Hexanone	11.200	43	403100	101.388	ug/l	89
60) Dibromochloromethane	11.365	129	86209	19.647	ug/l	100
61) 1,2-Dibromoethane	11.470	107	81411	19.787	ug/l	97
64) Tetrachloroethene	11.106	164	65154	19.688	ug/l	98
65) Chlorobenzene	11.894	112	214336	19.338	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	77967	19.524	ug/l	97
67) Ethyl Benzene	11.965	91	381133	19.737	ug/l	97
68) m/p-Xylenes	12.070	106	284505	39.549	ug/l	97
69) o-Xylene	12.400	106	137390	19.834	ug/l	93
70) Styrene	12.412	104	232245	20.862	ug/l	99
71) Bromoform	12.582	173	56936	20.078	ug/l #	99
73) Isopropylbenzene	12.700	105	349924	20.113	ug/l	99
74) N-amyl acetate	12.494	43	154070	20.288	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	117593	19.063	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	147288	27.402	ug/l	70
77) Bromobenzene	12.982	156	83308	19.558	ug/l	95
78) n-propylbenzene	13.041	91	403421	20.248	ug/l	98
79) 2-Chlorotoluene	13.129	91	248180	19.499	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	271827	20.081	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	36052	18.226	ug/l #	78
82) 4-Chlorotoluene	13.223	91	247402	19.561	ug/l	99
83) tert-Butylbenzene	13.441	119	227622	20.543	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	272272	20.444	ug/l	99
85) sec-Butylbenzene	13.617	105	308975	20.127	ug/l	99
86) p-Isopropyltoluene	13.729	119	256144	20.466	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	152211	19.209	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	153194	19.047	ug/l	99
89) n-Butylbenzene	14.059	91	209903	19.472	ug/l	100
90) Hexachloroethane	14.335	117	47039	18.977	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	146471	19.581	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22199	21.221	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	70525	19.828	ug/l	98
94) Hexachlorobutadiene	15.505	225	30029	18.624	ug/l	98
95) Naphthalene	15.641	128	237945	19.727	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	69515	19.939	ug/l	98

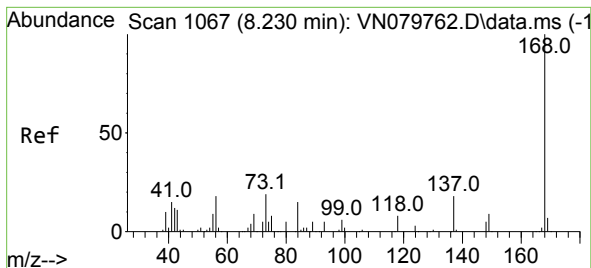
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 10

Delta R.T. 0.000 min

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Instrument :

MSVOA_N

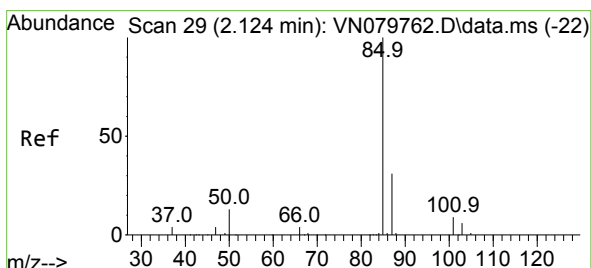
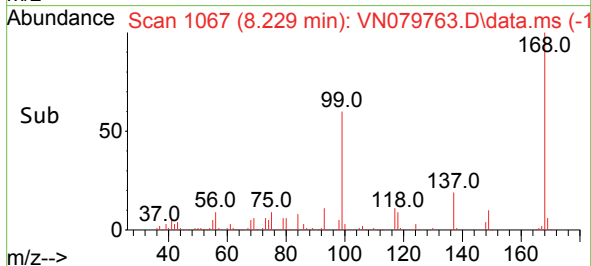
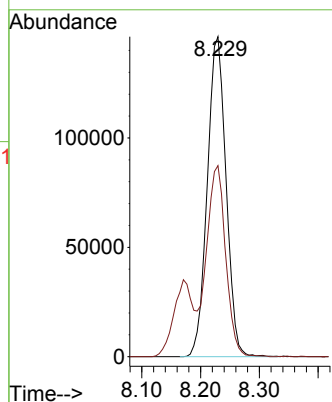
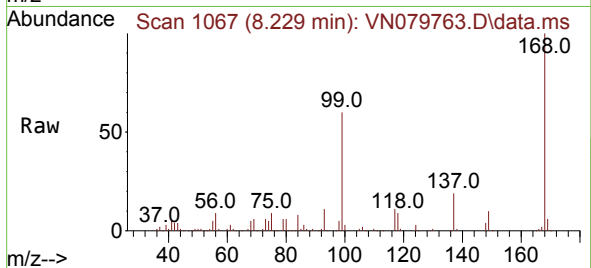
ClientSampleId :

Tgt Ion:168 Resp: 323337

Ion Ratio Lower Upper

168 100

99 59.6 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 20.573 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN079763.D

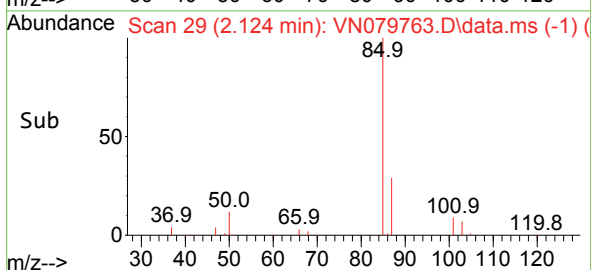
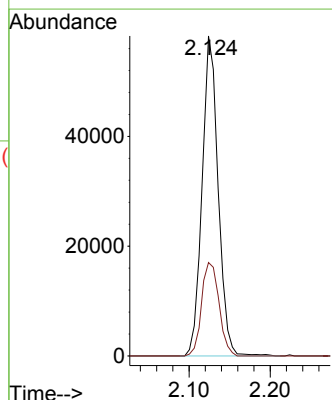
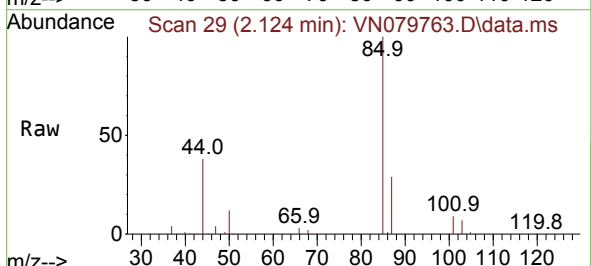
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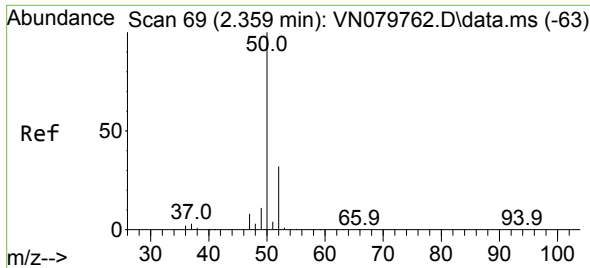
Tgt Ion: 85 Resp: 80124

Ion Ratio Lower Upper

85 100

87 29.2 15.8 47.4

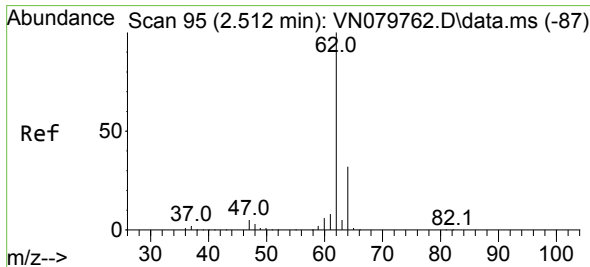
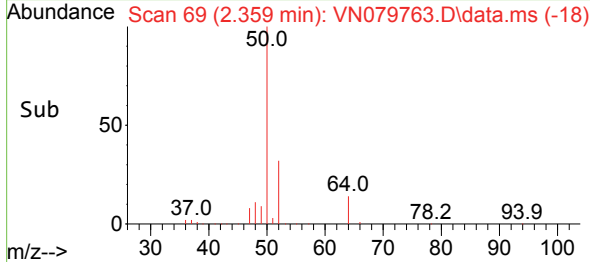
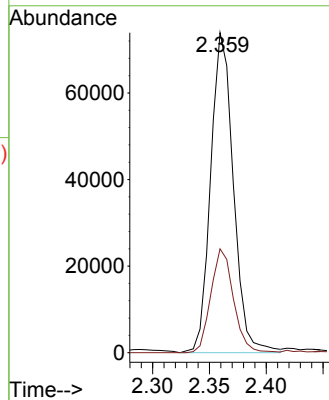
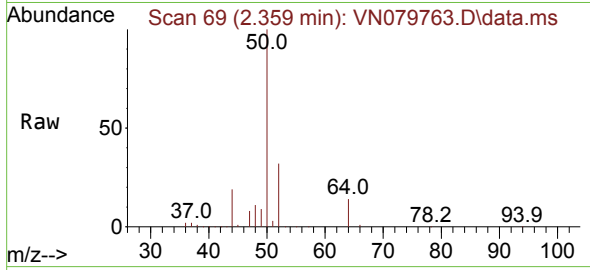




#3
Chloromethane
Concen: 20.380 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

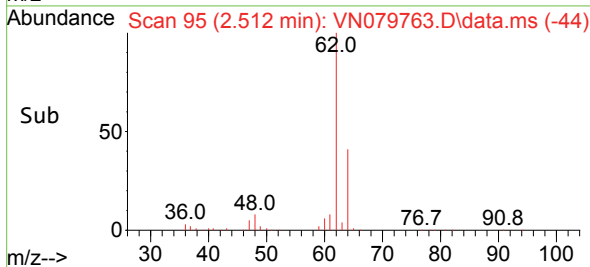
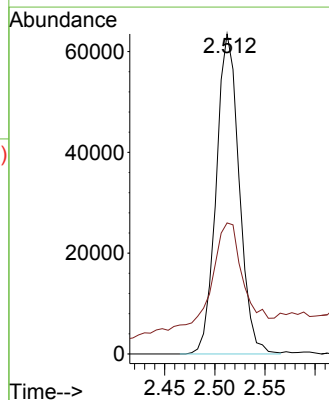
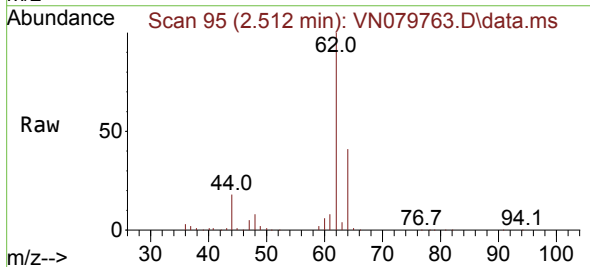
Instrument :
MSVOA_N
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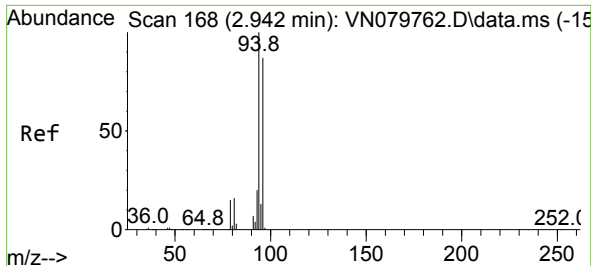
Tgt Ion: 50 Resp: 102883
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7



#4
Vinyl Chloride
Concen: 19.831 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 62 Resp: 101098
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2

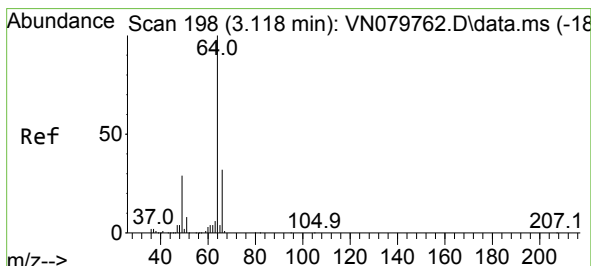
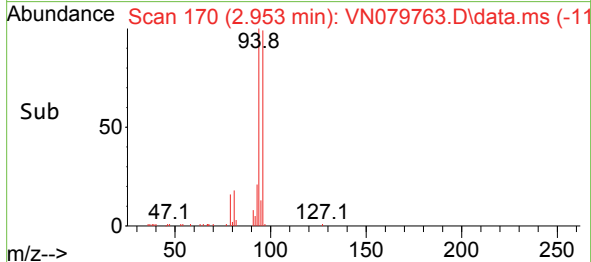
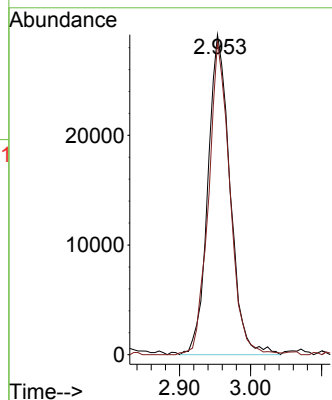
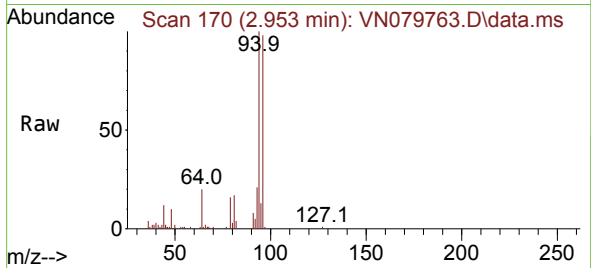




#5
Bromomethane
Concen: 20.475 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

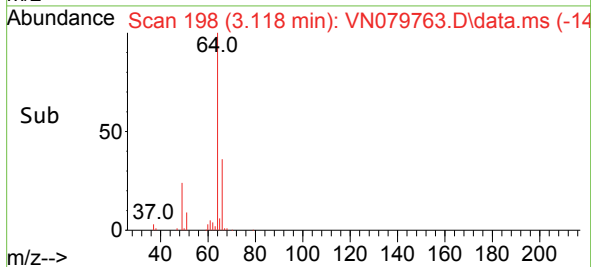
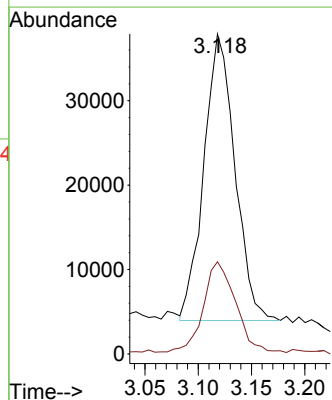
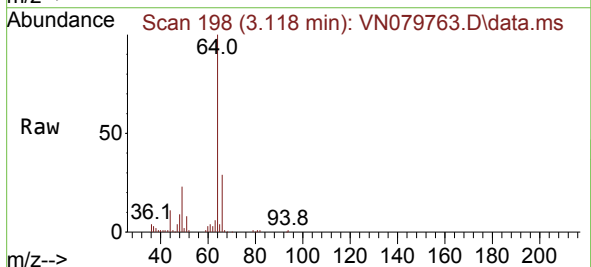
Instrument :
MSVOA_N
ClientSampleId :

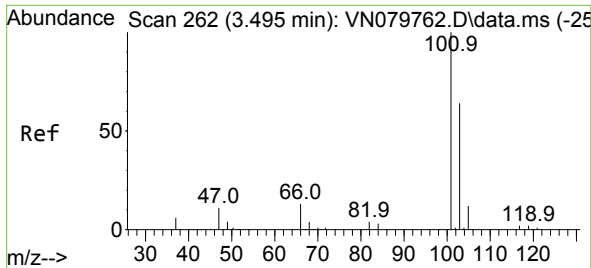
Tgt Ion: 94 Resp: 63422
Ion Ratio Lower Upper
94 100
96 97.4 73.1 109.7



#6
Chloroethane
Concen: 17.010 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 64 Resp: 68777
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.2

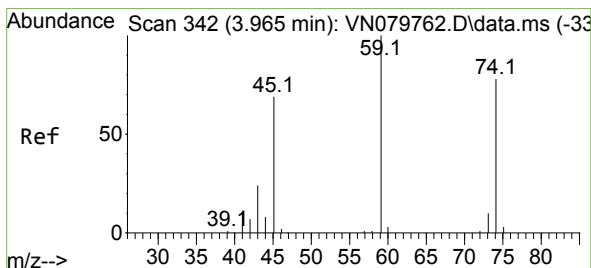
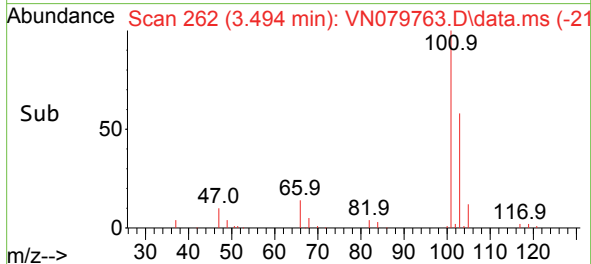
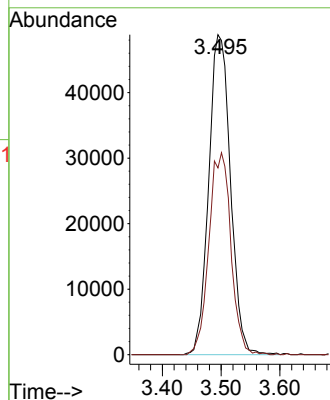
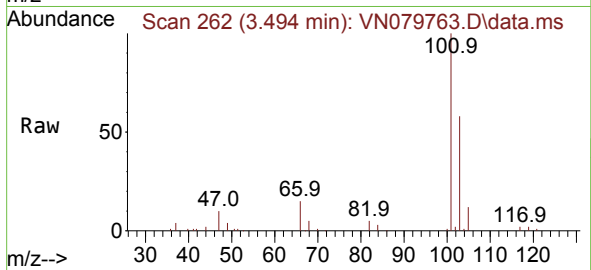




#7
Trichlorofluoromethane
Concen: 19.771 ug/l
RT: 3.494 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN079763.D
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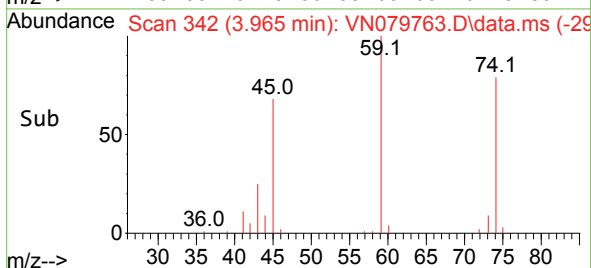
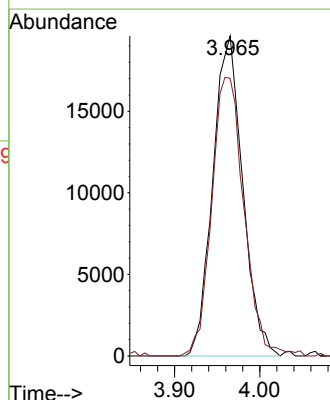
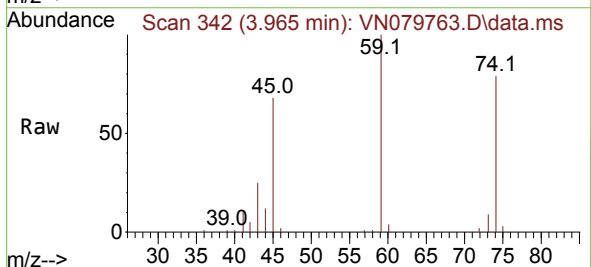
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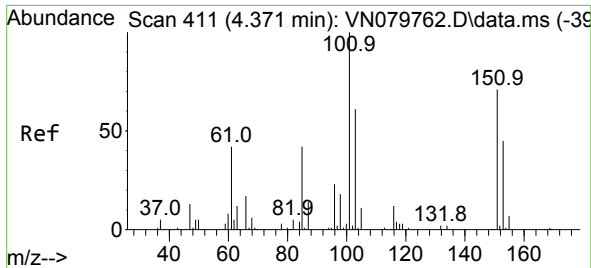
Tgt Ion:101 Resp: 125366
Ion Ratio Lower Upper
101 100
103 58.4 50.7 76.1



#8
Diethyl Ether
Concen: 19.876 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 74 Resp: 47827
Ion Ratio Lower Upper
74 100
45 94.1 34.4 103.3

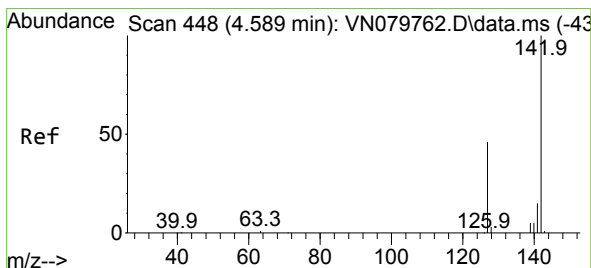
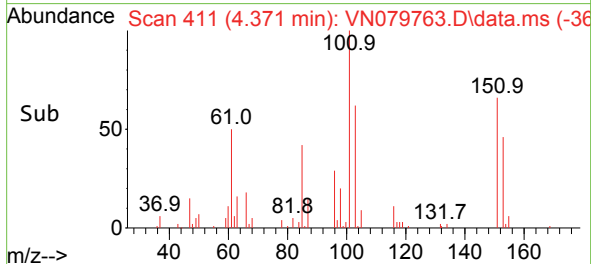
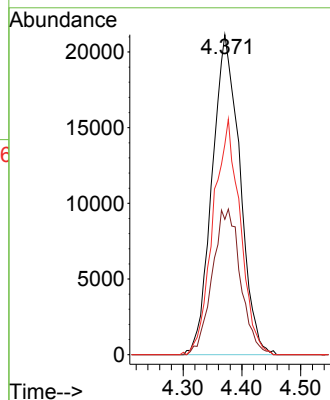
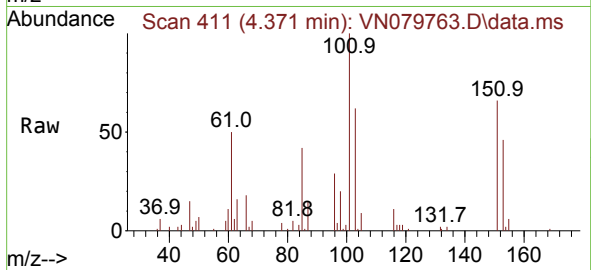




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.818 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079763.D
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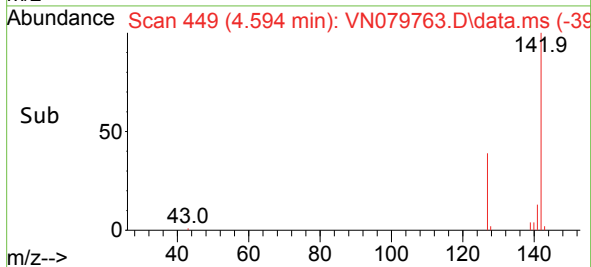
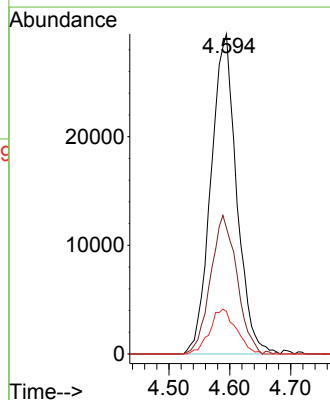
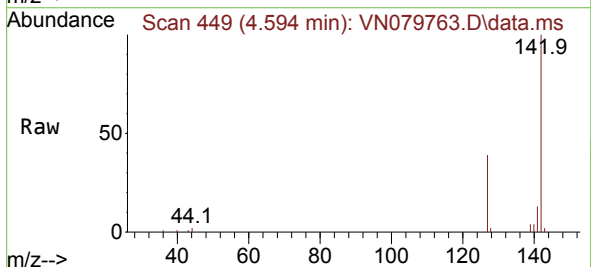
Instrument :
MSVOA_N
ClientSampleId :

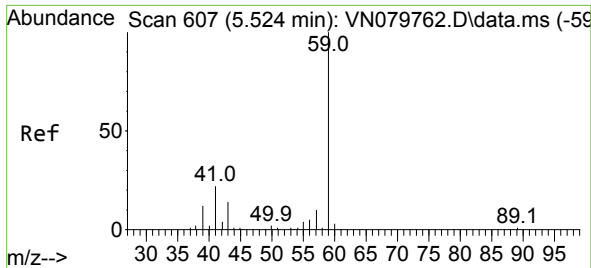
Tgt Ion:101 Resp: 69170
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 72.2 57.6 86.4



#10
Methyl Iodide
Concen: 20.578 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion:142 Resp: 86381
Ion Ratio Lower Upper
142 100
127 39.4 37.6 56.4
141 13.4 11.4 17.0





#11

Tert butyl alcohol

Concen: 101.983 ug/l

RT: 5.518 min Scan# 607

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

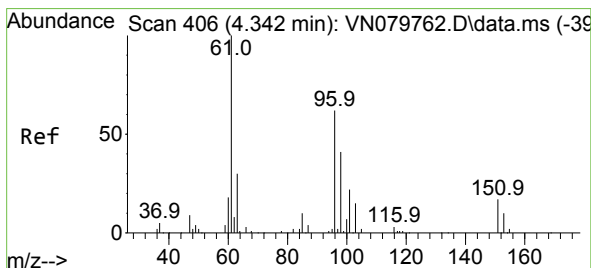
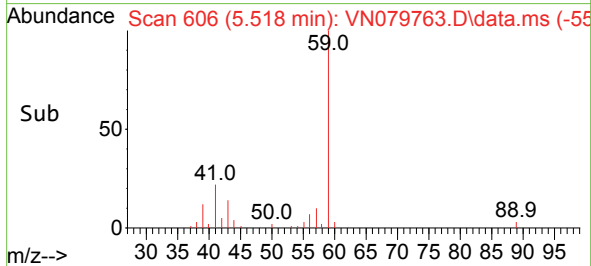
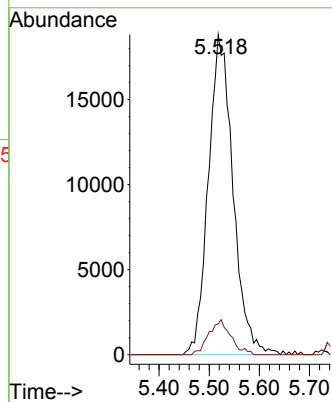
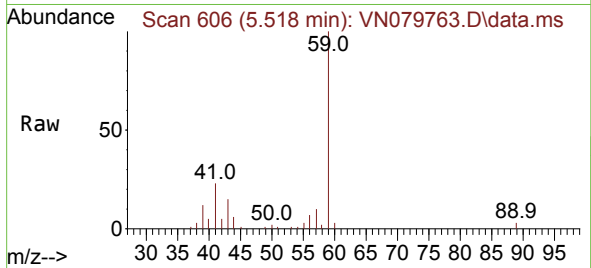
ClientSampleId :

Tgt Ion: 59 Resp: 64131

Ion Ratio Lower Upper

59 100

57 9.8 8.2 12.4



#12

1,1-Dichloroethene

Concen: 19.660 ug/l

RT: 4.347 min Scan# 407

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

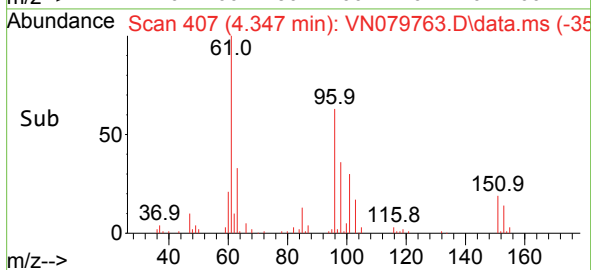
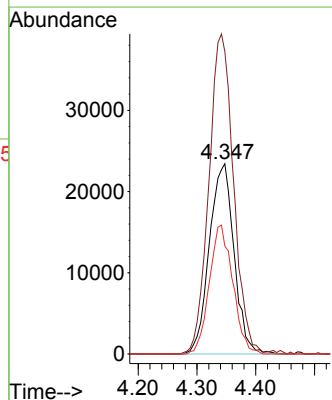
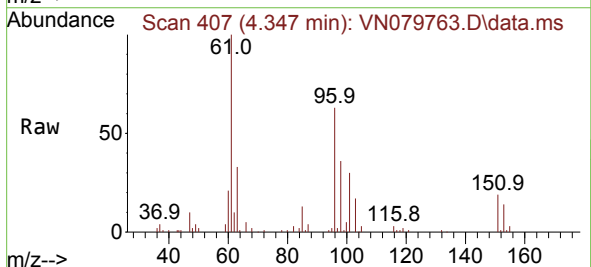
Tgt Ion: 96 Resp: 68425

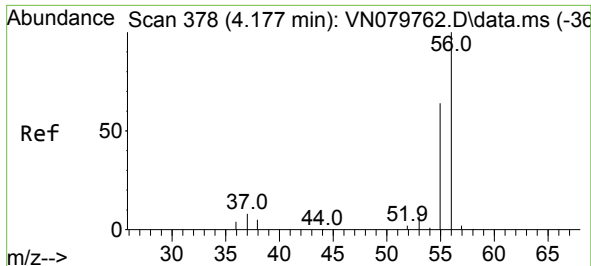
Ion Ratio Lower Upper

96 100

61 158.9 112.7 169.1

98 56.8 51.2 76.8





#13

Acrolein

Concen: 94.587 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

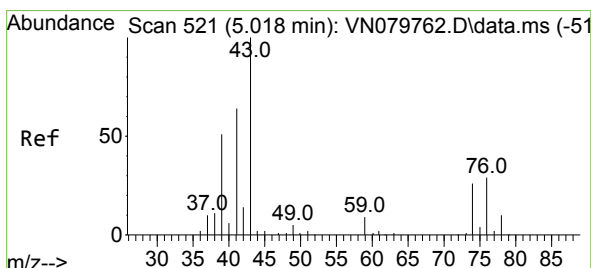
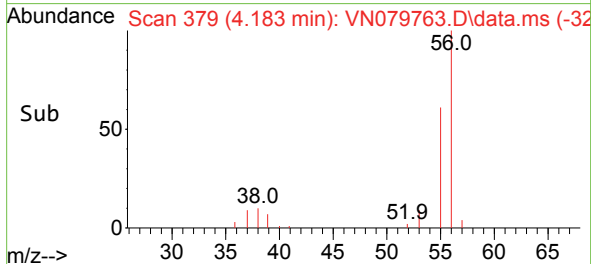
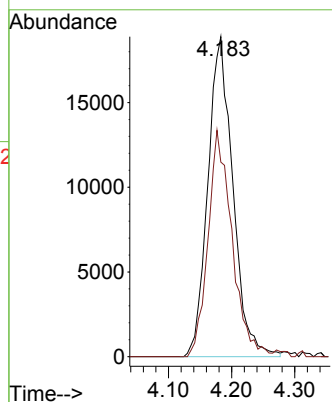
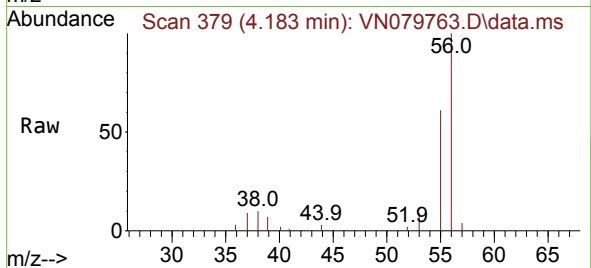
ClientSampleId :

Tgt Ion: 56 Resp: 51968

Ion Ratio Lower Upper

56 100

55 67.8 54.5 81.7



#14

Allyl chloride

Concen: 21.253 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

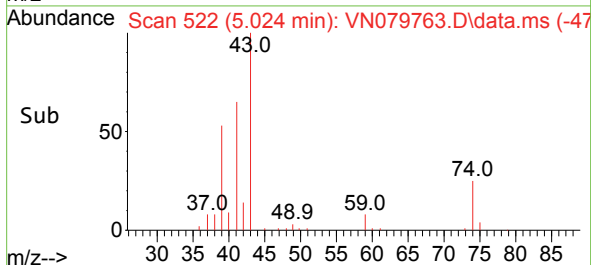
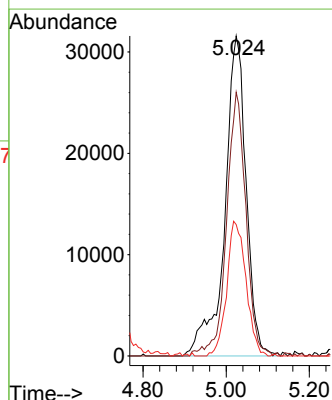
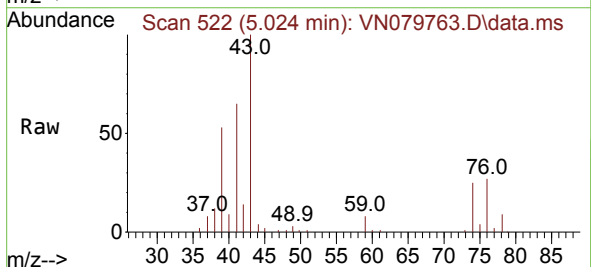
Tgt Ion: 41 Resp: 113291

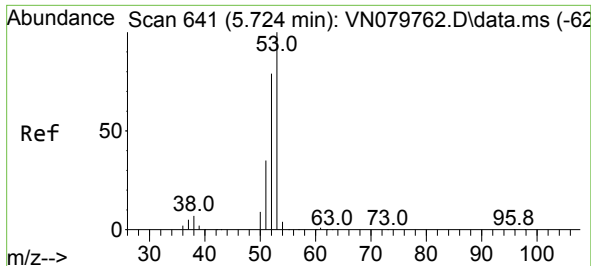
Ion Ratio Lower Upper

41 100

39 74.1 58.8 88.2

76 37.7 39.1 58.7#

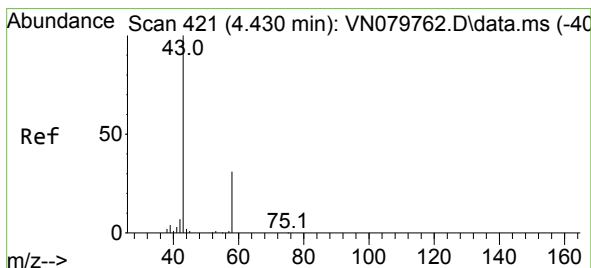
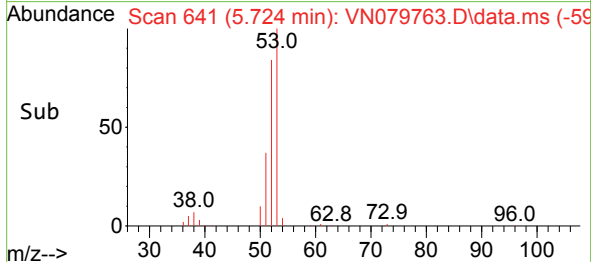
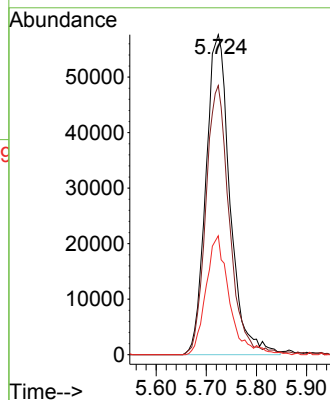
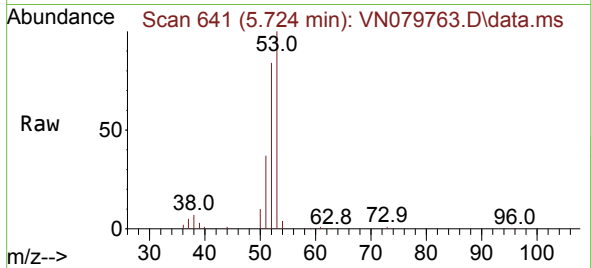




#15
Acrylonitrile
Concen: 98.271 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

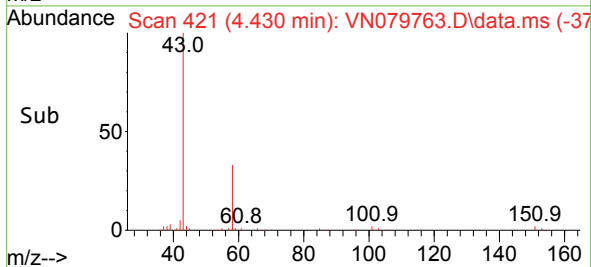
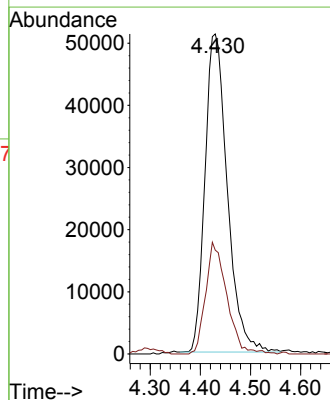
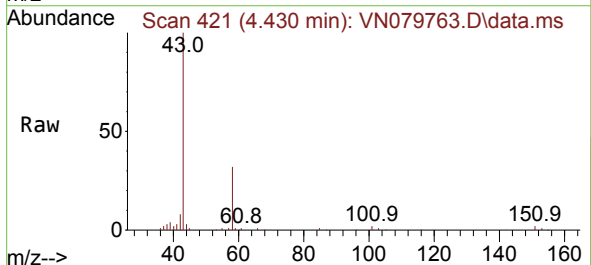
Instrument :
MSVOA_N
ClientSampleId :

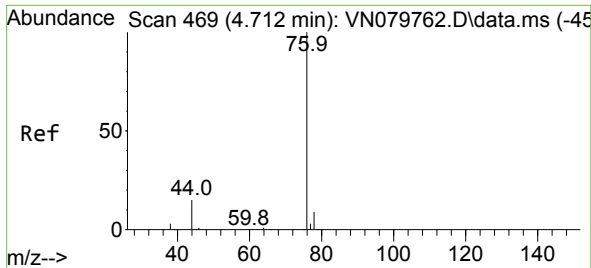
Tgt Ion: 53 Resp: 192582
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 35.0 28.9 43.3



#16
Acetone
Concen: 91.650 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 43 Resp: 158587
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0

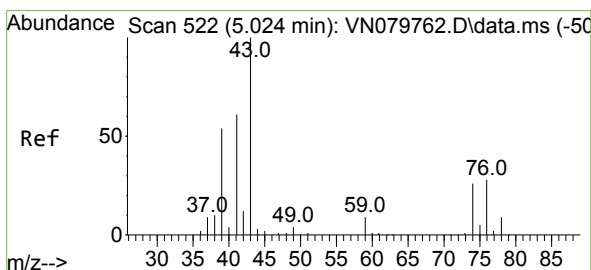
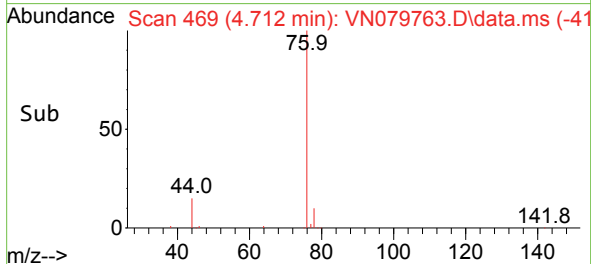
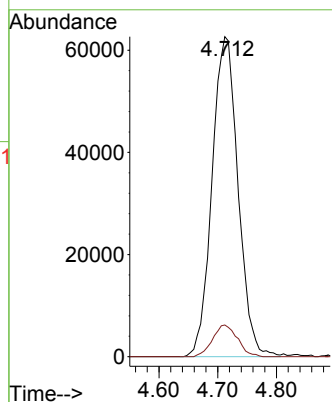
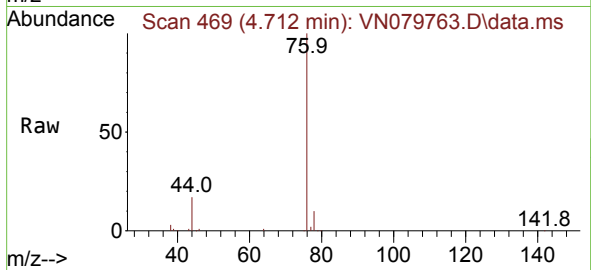




#17
Carbon Disulfide
Concen: 19.179 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

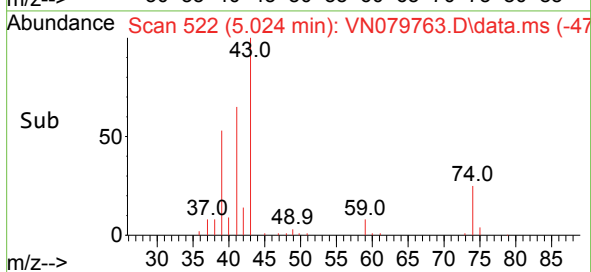
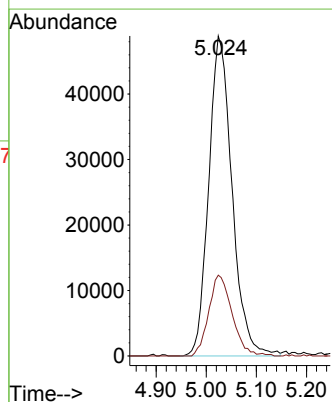
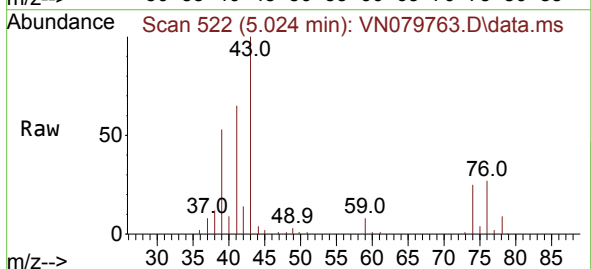
Instrument :
MSVOA_N
ClientSampleId :

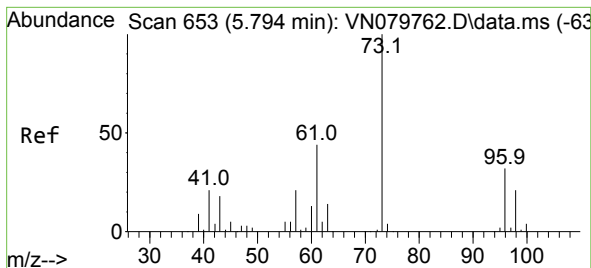
Tgt Ion: 76 Resp: 192543
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#18
Methyl Acetate
Concen: 19.112 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 43 Resp: 158221
Ion Ratio Lower Upper
43 100
74 25.3 26.2 39.4#





#19

Methyl tert-butyl Ether

Concen: 19.815 ug/l

RT: 5.800 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

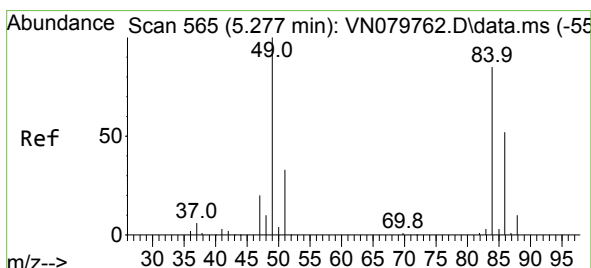
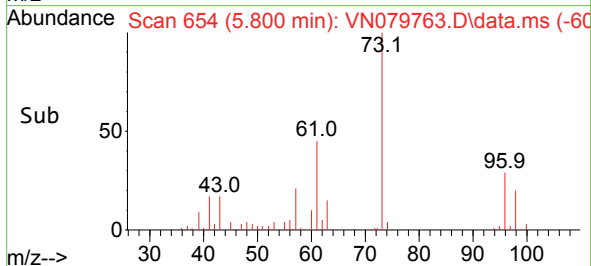
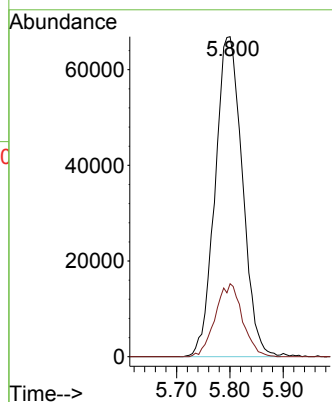
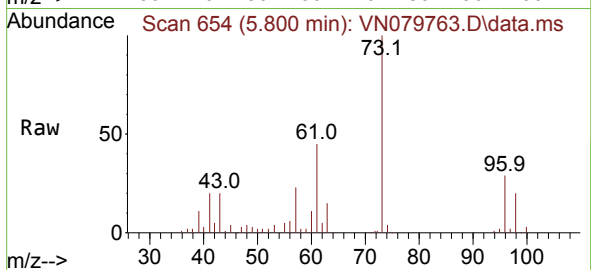
ClientSampleId :

Tgt Ion: 73 Resp: 237428

Ion Ratio Lower Upper

73 100

57 22.8 15.6 23.4



#20

Methylene Chloride

Concen: 18.781 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Tgt Ion: 84 Resp: 82000

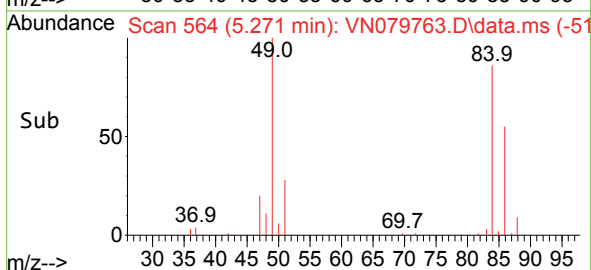
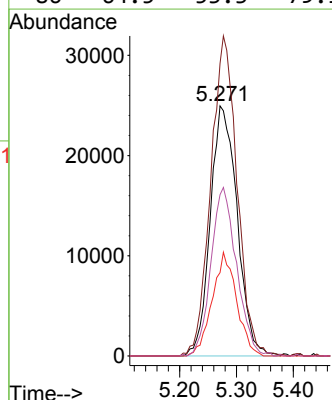
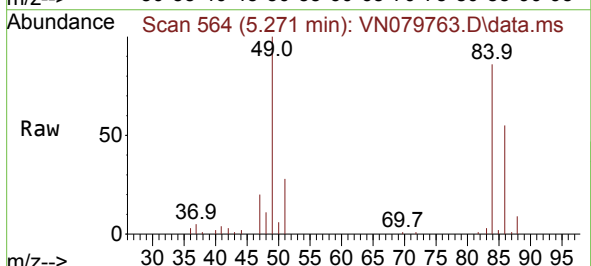
Ion Ratio Lower Upper

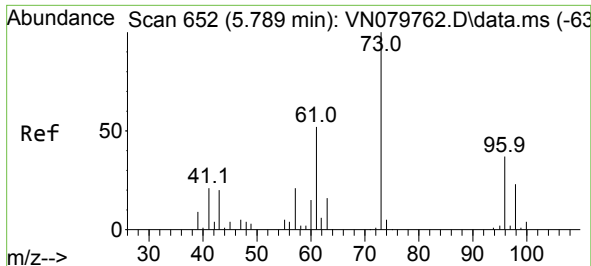
84 100

49 117.0 79.7 119.5

51 33.3 25.2 37.8

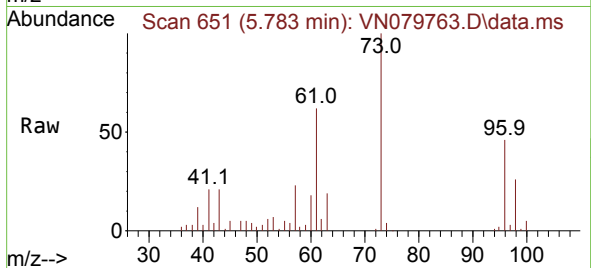
86 64.5 53.3 79.9



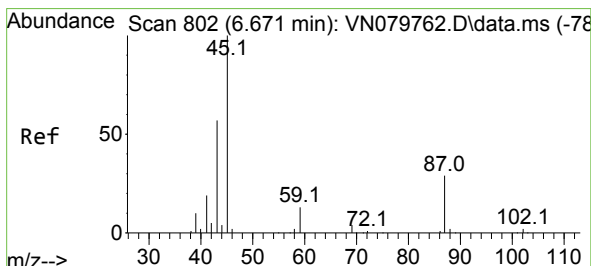
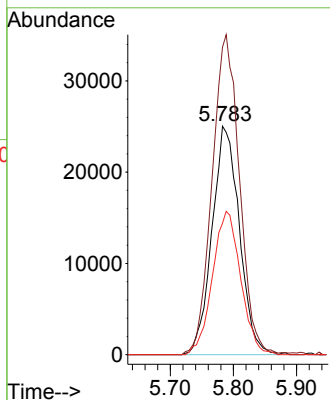
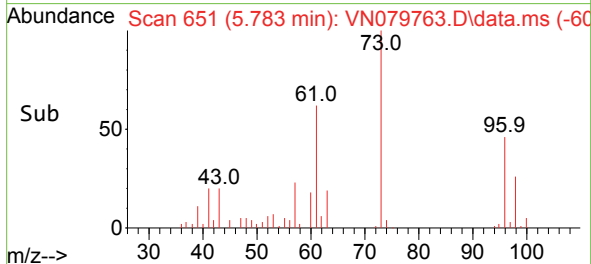


#21
trans-1,2-Dichloroethene
Concen: 19.399 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

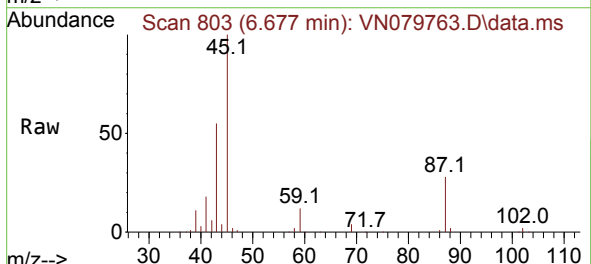
Instrument :
MSVOA_N
ClientSampleId :



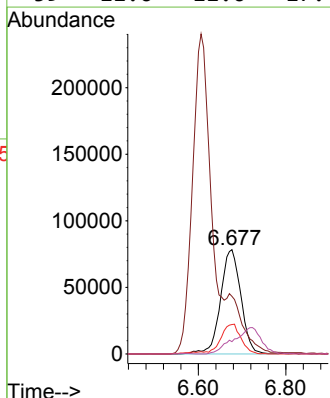
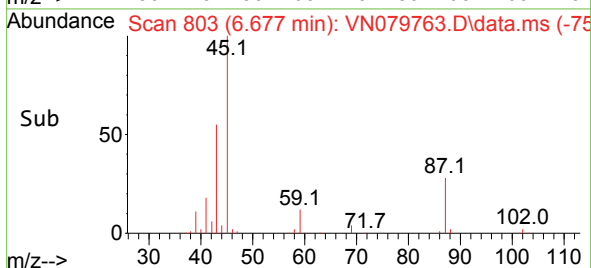
Tgt Ion: 96 Resp: 75301
Ion Ratio Lower Upper
96 100
61 134.6 90.1 135.1
98 57.6 46.4 69.6

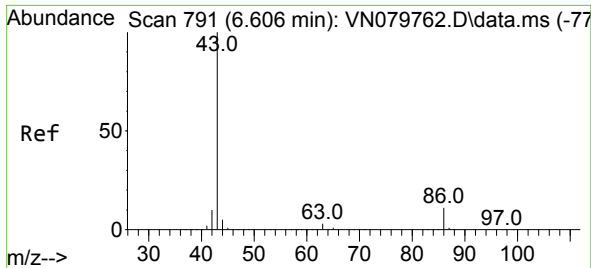


#22
Diisopropyl ether
Concen: 20.505 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50



Tgt Ion: 45 Resp: 253308
Ion Ratio Lower Upper
45 100
43 53.6 45.5 68.3
87 28.2 31.8 47.8#
59 11.6 11.6 17.4#

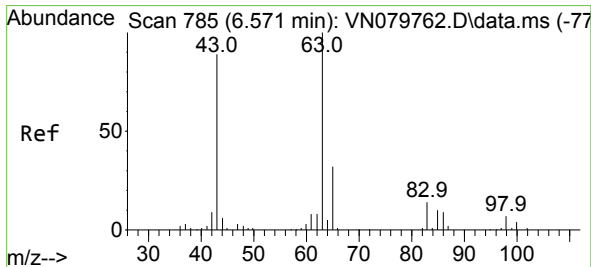
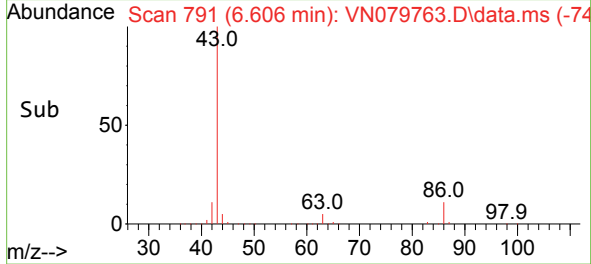
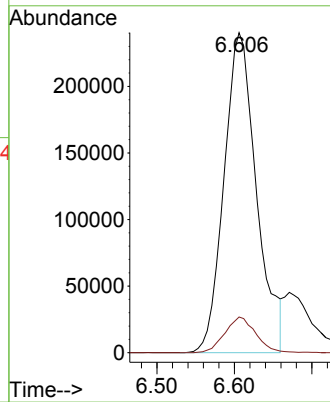
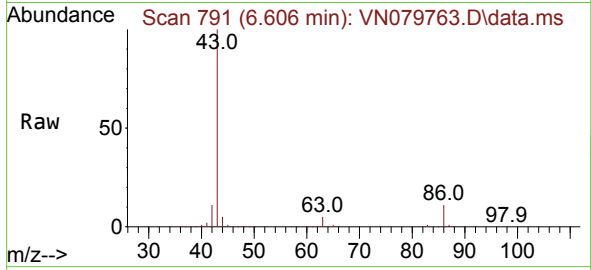




#23
 Vinyl Acetate
 Concen: 102.812 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

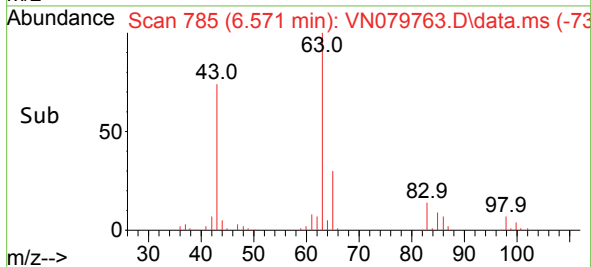
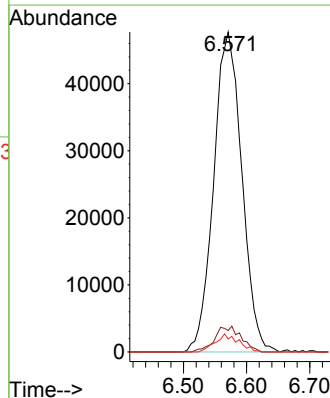
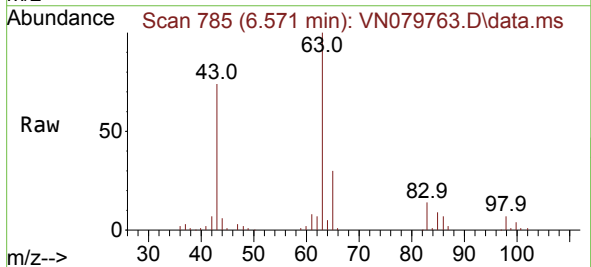
Instrument :
 MSVOA_N
 ClientSampleId :

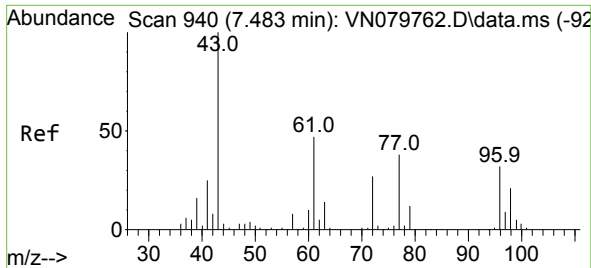
Tgt Ion: 43 Resp: 700565
 Ion Ratio Lower Upper
 43 100
 86 11.2 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.659 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

Tgt Ion: 63 Resp: 147604
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.0 2.5 7.4

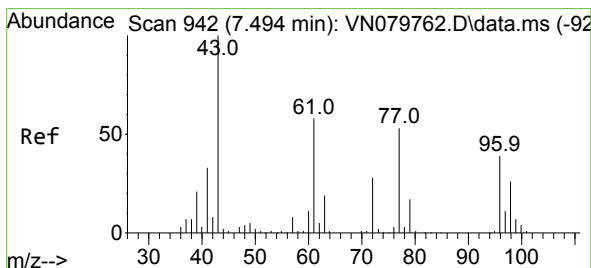
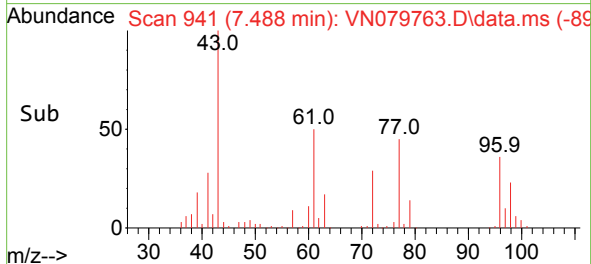
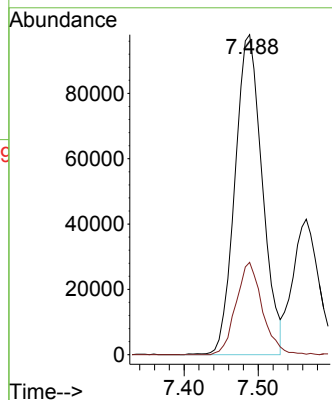
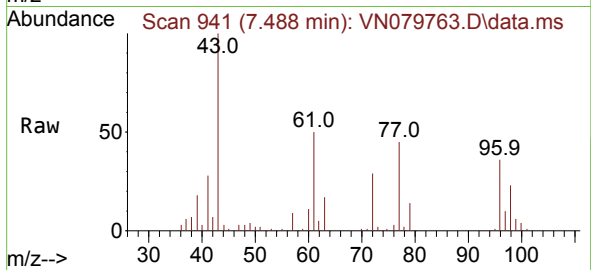




#25
2-Butanone
Concen: 98.997 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

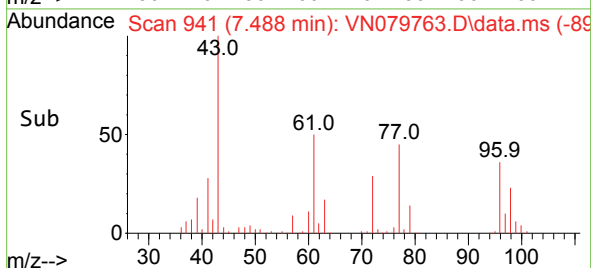
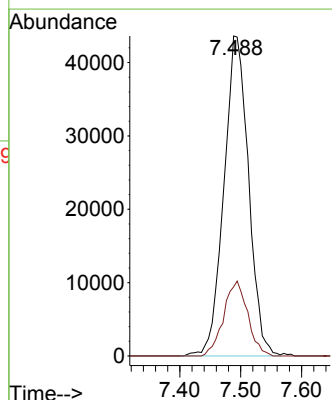
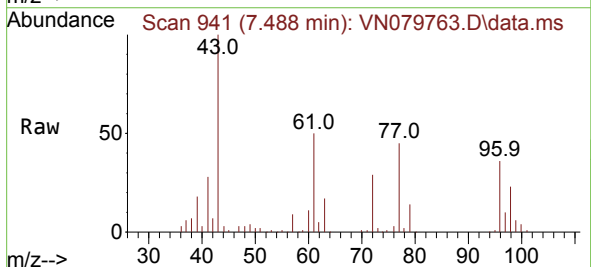
Instrument :
MSVOA_N
ClientSampleId :

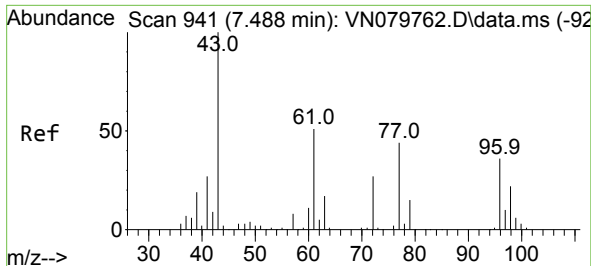
Tgt Ion: 43 Resp: 250844
Ion Ratio Lower Upper
43 100
72 28.9 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 19.762 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 77 Resp: 122717
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6

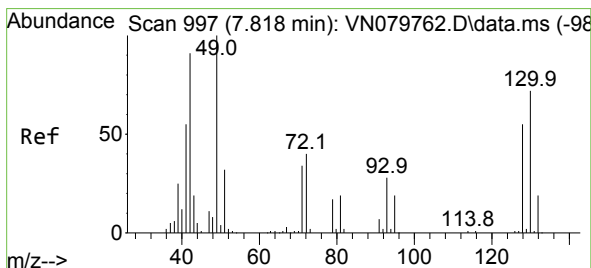
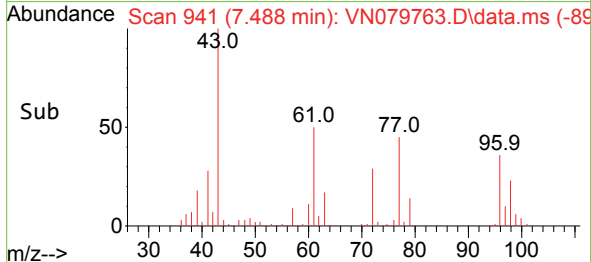
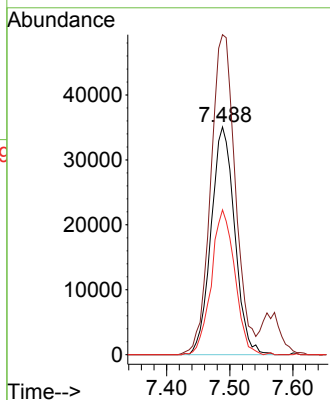
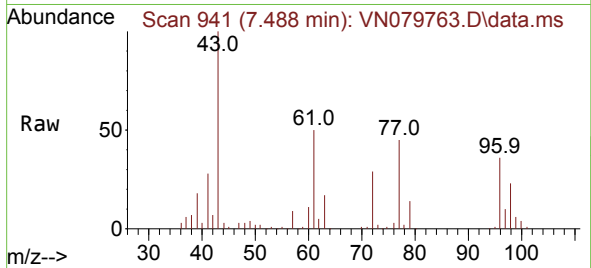




#27
 cis-1,2-Dichloroethene
 Concen: 19.590 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

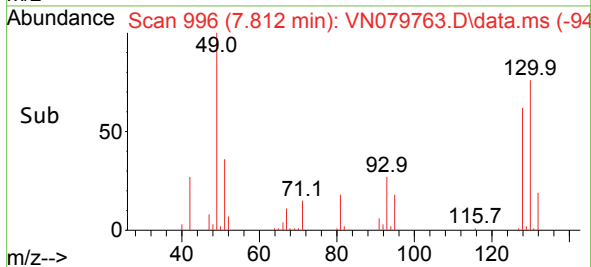
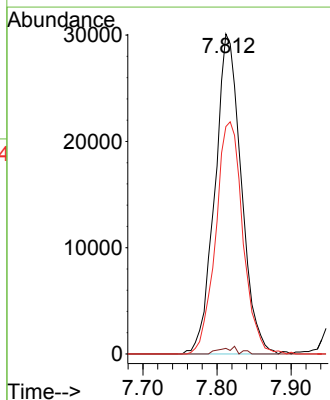
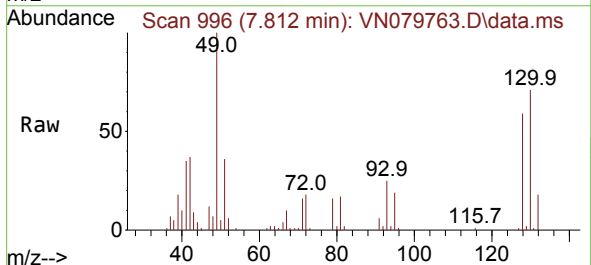
Instrument :
 MSVOA_N
 ClientSampleId :

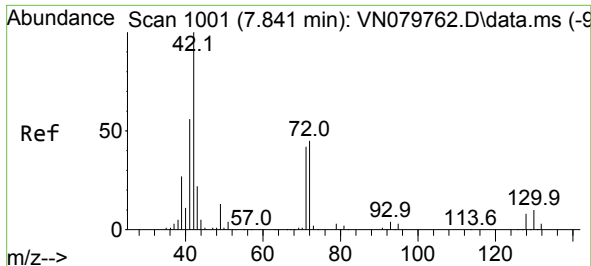
Tgt Ion: 96 Resp: 90957
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 255.2
 98 63.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.301 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

Tgt Ion: 49 Resp: 74285
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.8
 130 74.7 75.3 112.9#

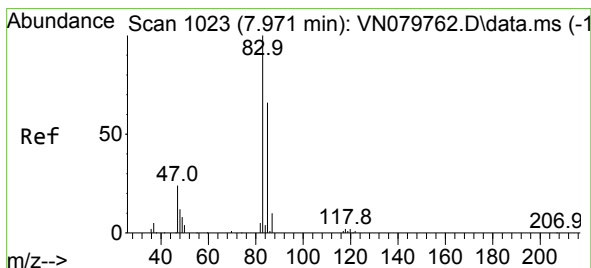
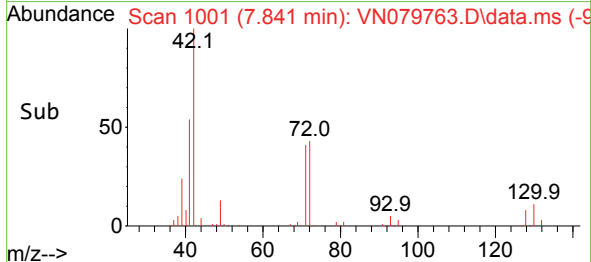
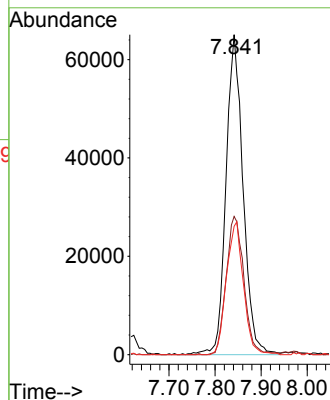
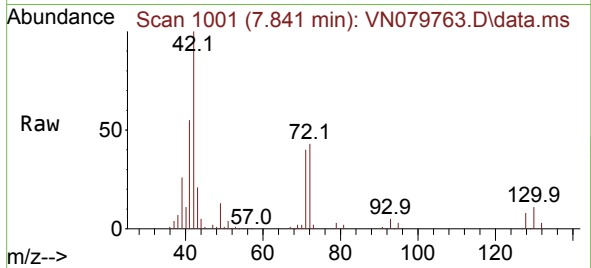




#29
Tetrahydrofuran
Concen: 101.242 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

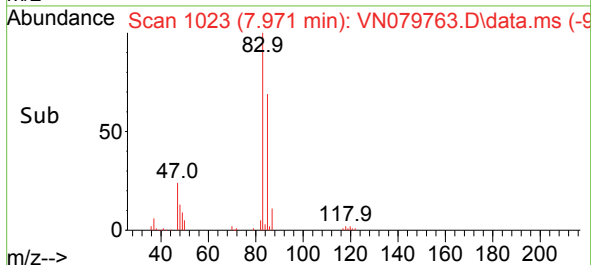
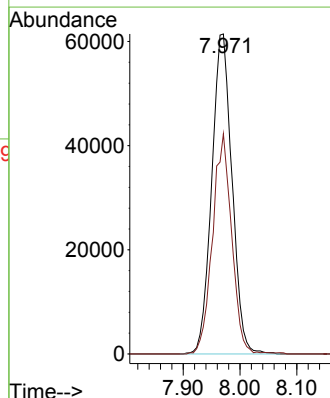
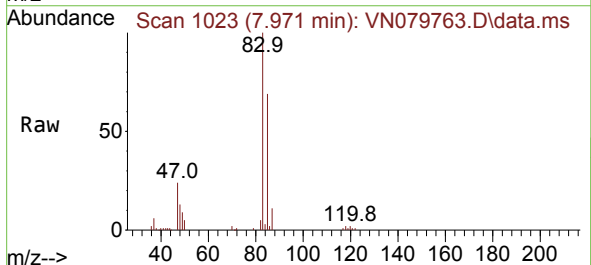
Instrument :
MSVOA_N
ClientSampleId :

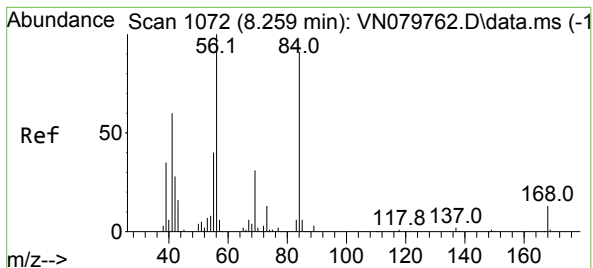
Tgt Ion: 42 Resp: 166904
Ion Ratio Lower Upper
42 100
72 45.2 49.8 74.6#
71 41.4 47.4 71.2#



#30
Chloroform
Concen: 18.656 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 83 Resp: 152153
Ion Ratio Lower Upper
83 100
85 68.8 55.4 83.0





#31

Cyclohexane

Concen: 18.622 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

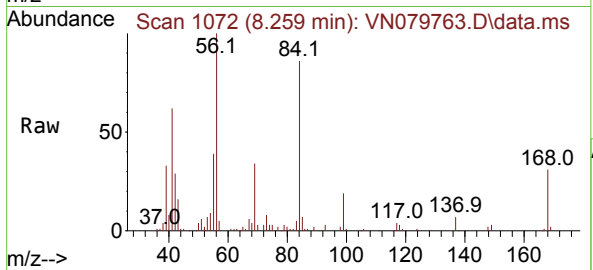
Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :



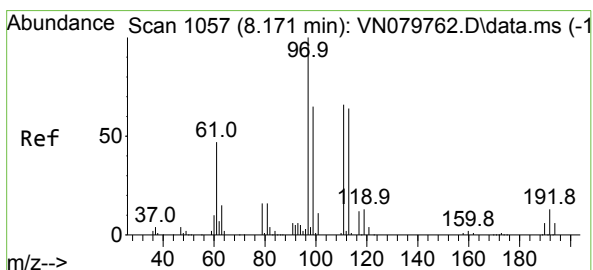
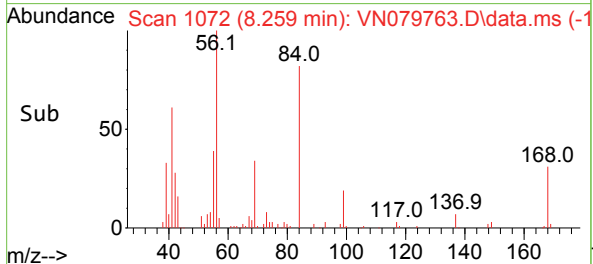
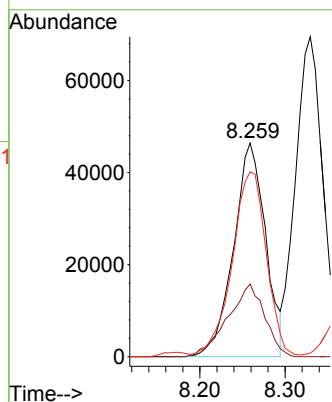
Tgt Ion: 56 Resp: 121220

Ion Ratio Lower Upper

56 100

69 34.0 26.8 40.2

84 84.4 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 19.531 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

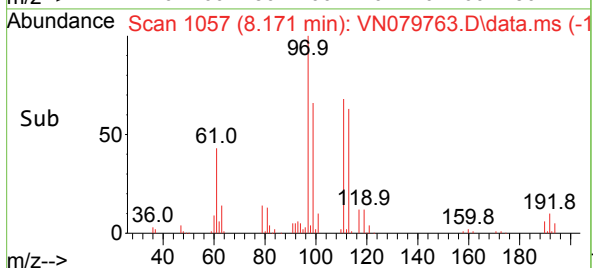
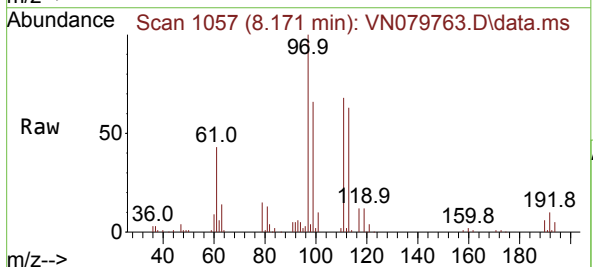
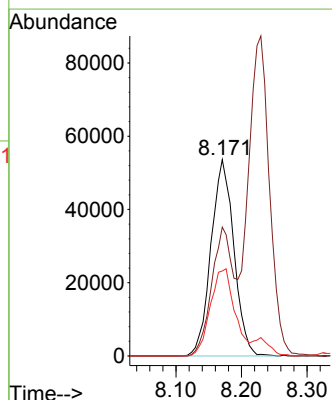
Tgt Ion: 97 Resp: 129793

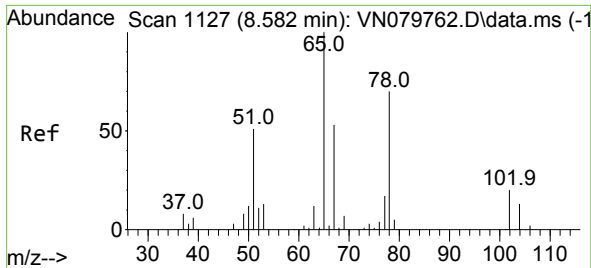
Ion Ratio Lower Upper

97 100

99 63.2 50.3 75.5

61 47.5 34.7 52.1

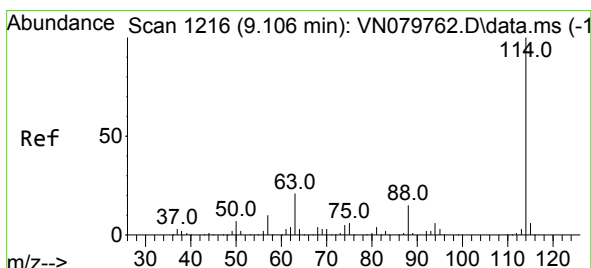
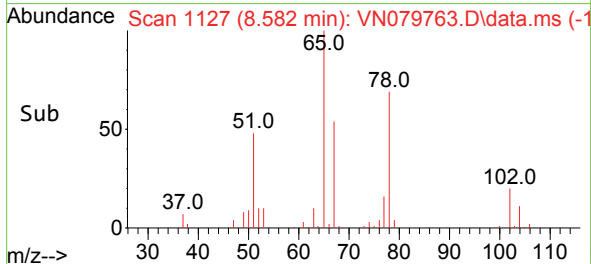
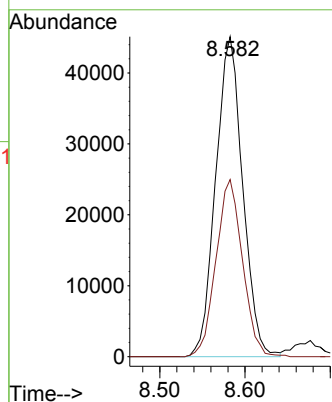
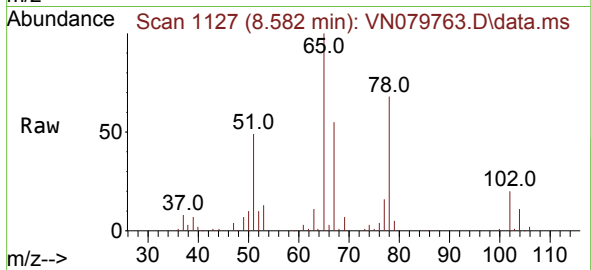




#33
1,2-Dichloroethane-d4
Concen: 20.136 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

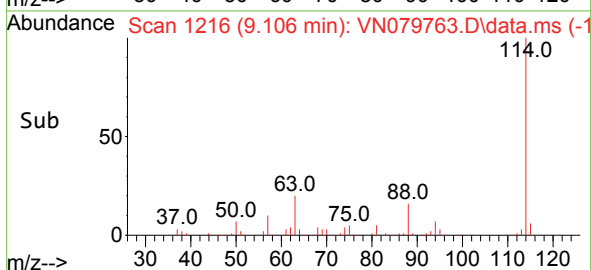
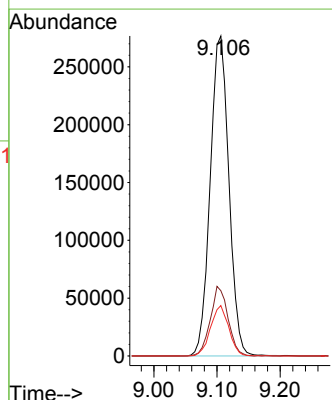
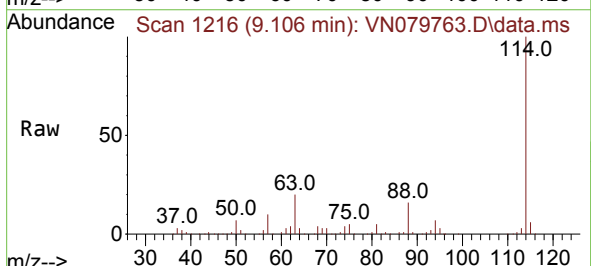
Instrument :
MSVOA_N
ClientSampleId :

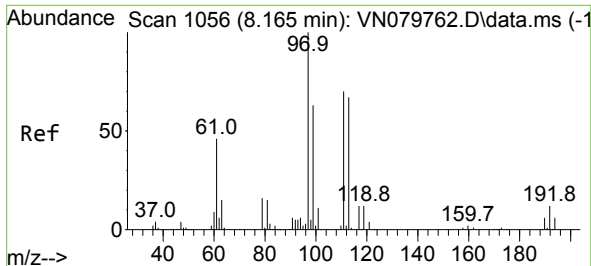
Tgt Ion: 65 Resp: 99193
Ion Ratio Lower Upper
65 100
67 54.4 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 114 Resp: 567961
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 20.356 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

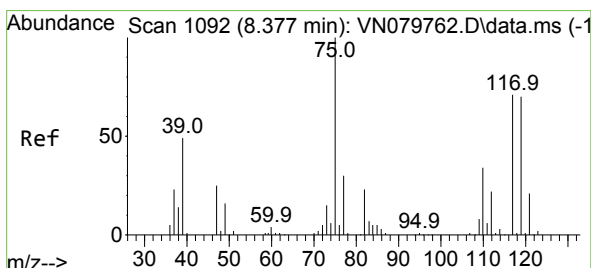
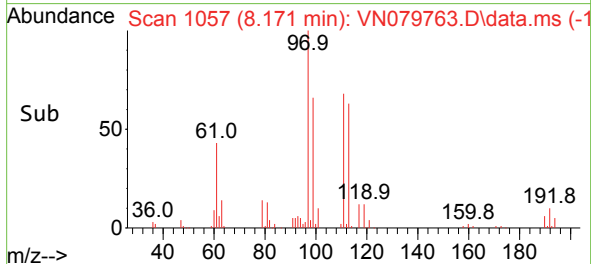
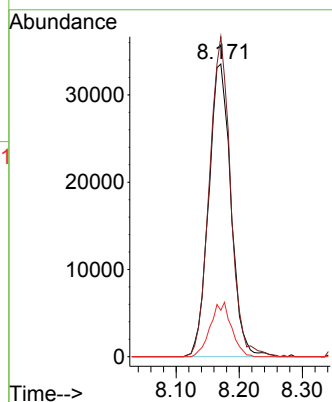
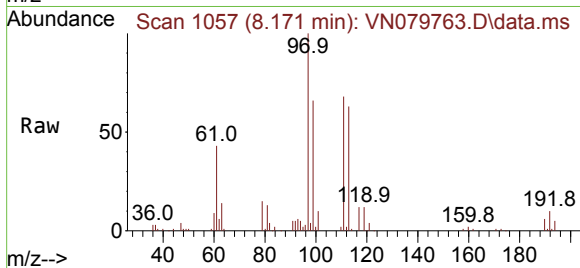
Tgt Ion:113 Resp: 81828

Ion Ratio Lower Upper

113 100

111 104.3 82.6 123.8

192 17.7 12.7 19.1



#36

1,1-Dichloropropene

Concen: 19.454 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

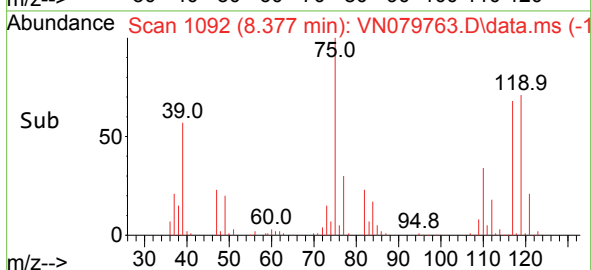
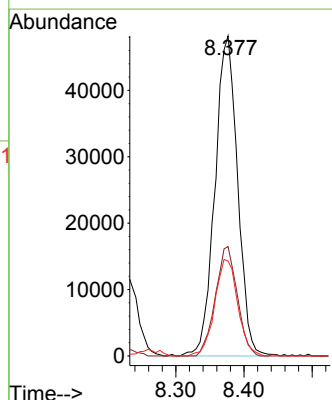
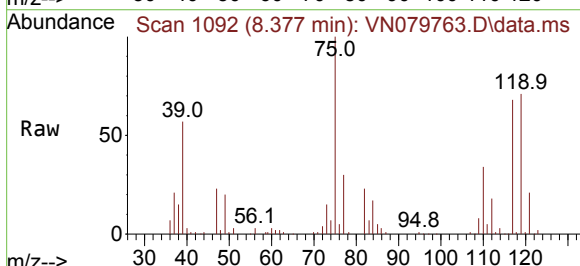
Tgt Ion: 75 Resp: 111658

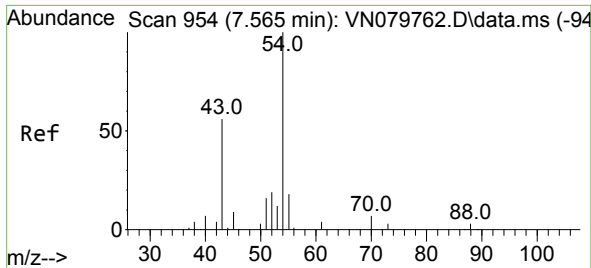
Ion Ratio Lower Upper

75 100

110 32.9 19.1 57.3

77 30.6 25.0 37.4

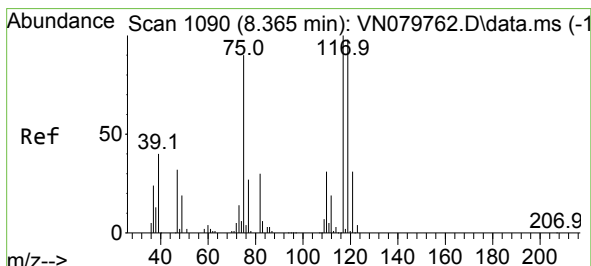
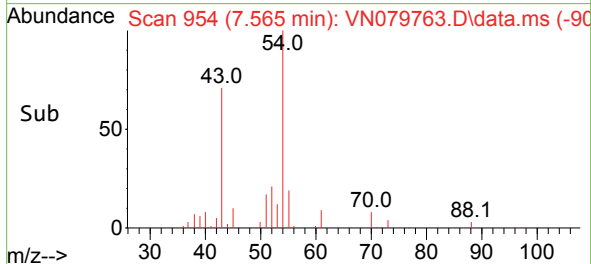
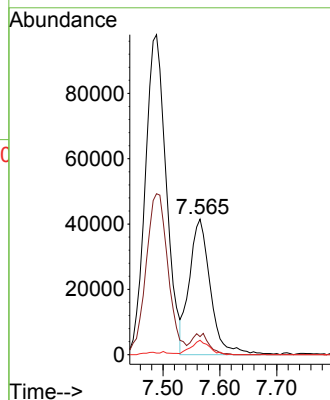
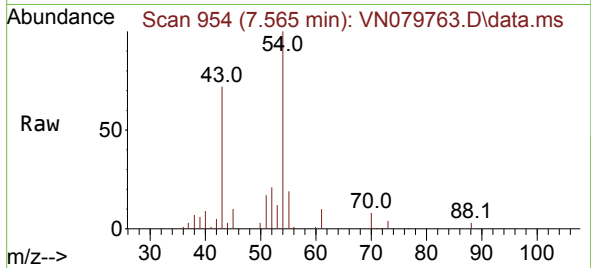




#37
Ethyl Acetate
Concen: 20.338 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

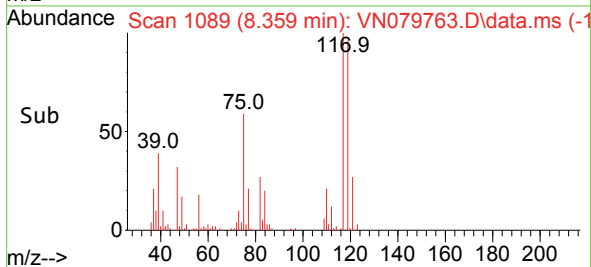
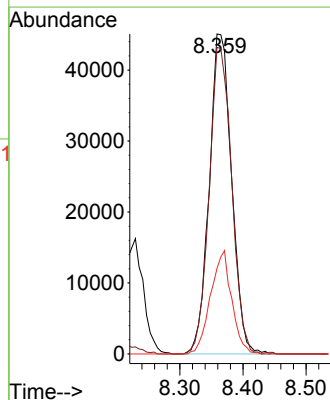
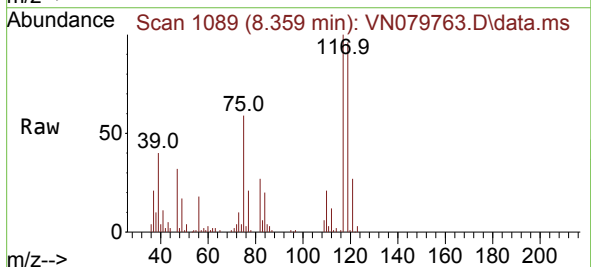
Instrument :
MSVOA_N
ClientSampleId :

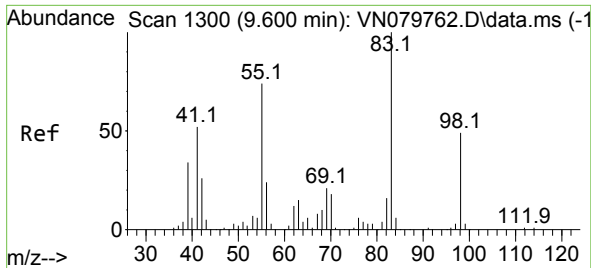
Tgt Ion: 43 Resp: 107056
Ion Ratio Lower Upper
43 100
61 12.8 13.2 19.8#
70 9.4 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 19.209 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 117 Resp: 111112
Ion Ratio Lower Upper
117 100
119 95.8 77.3 115.9
121 26.7 23.3 34.9

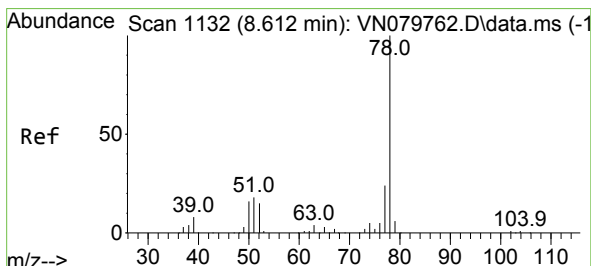
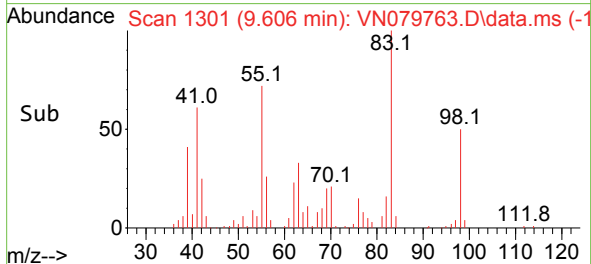
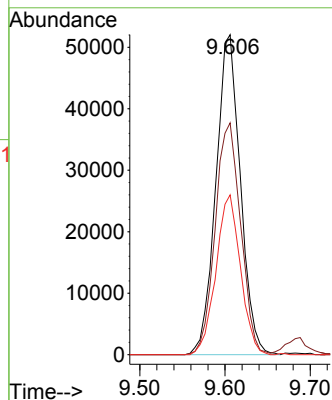
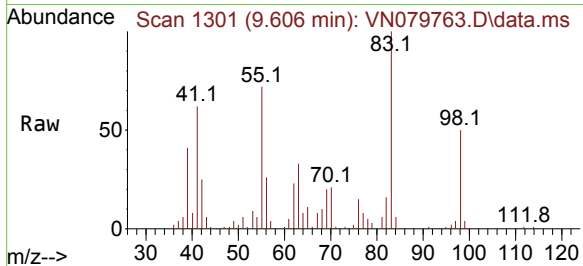




#39
Methylcyclohexane
Concen: 19.250 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

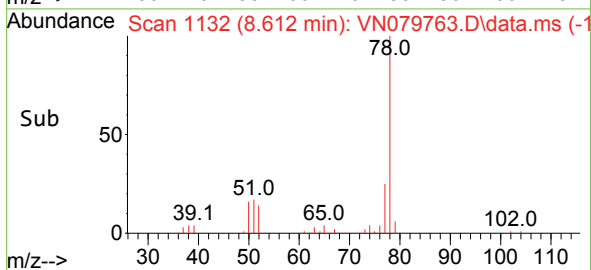
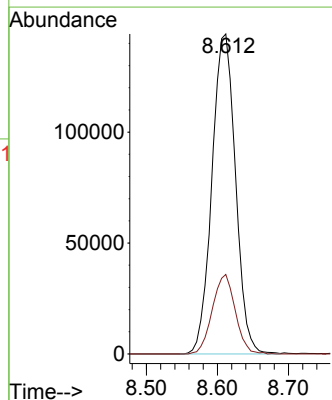
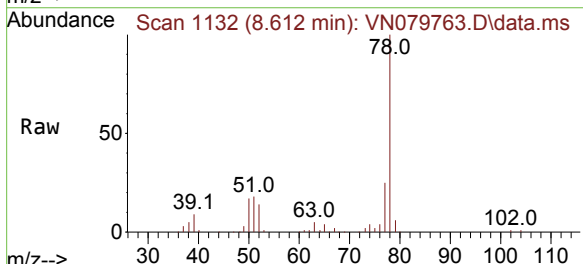
Instrument :
MSVOA_N
ClientSampleId :

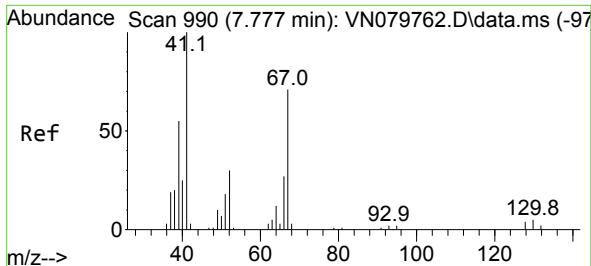
Tgt Ion: 83 Resp: 103977
Ion Ratio Lower Upper
83 100
55 72.5 49.1 73.7
98 49.9 40.6 61.0



#40
Benzene
Concen: 19.315 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 78 Resp: 332051
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.6

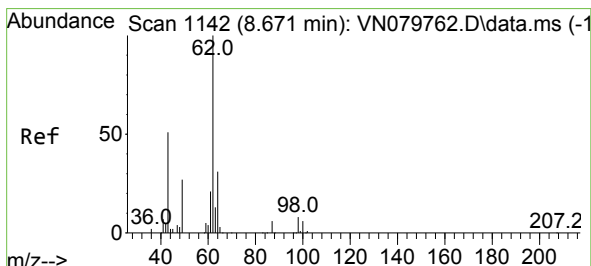
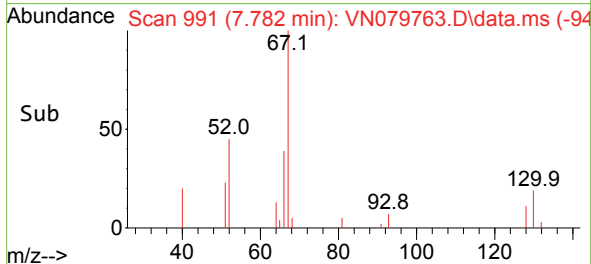
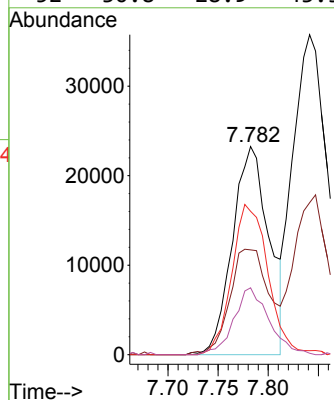
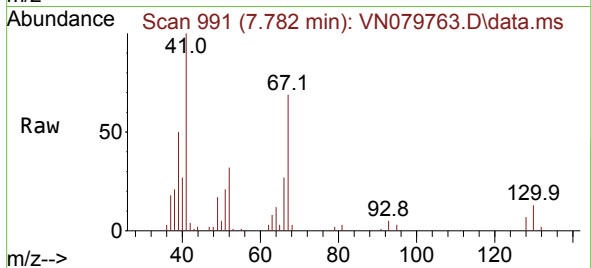




#41
Methacrylonitrile
Concen: 21.147 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

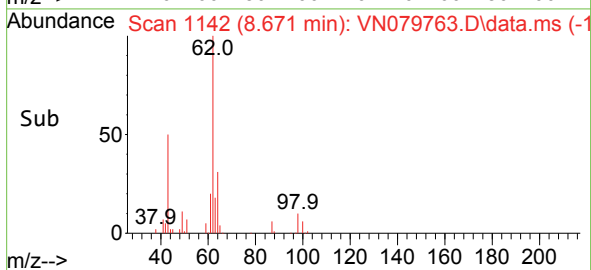
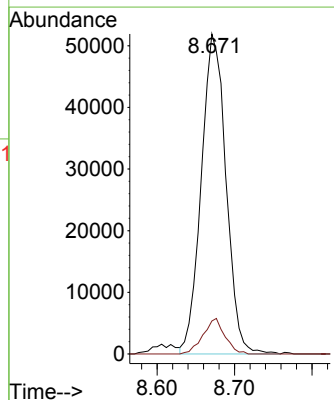
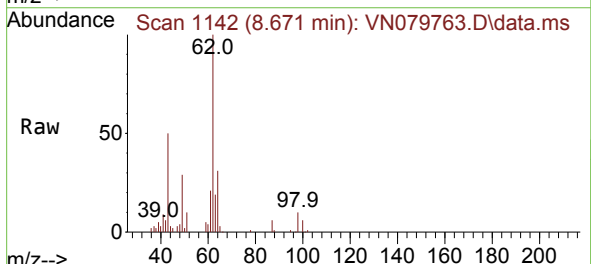
Instrument :
MSVOA_N
ClientSampleId :

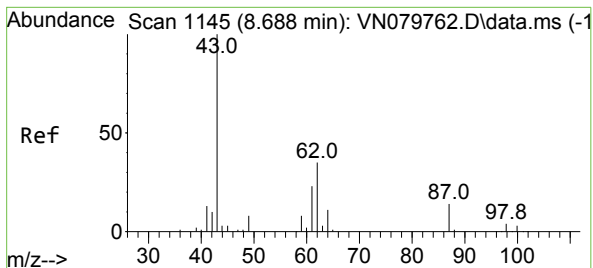
Tgt Ion: 41	Resp: 59111
Ion Ratio	Lower Upper
41	100
39	54.8 42.6 64.0
67	71.6 77.5 116.3
52	30.8 28.9 43.3



#42
1,2-Dichloroethane
Concen: 19.231 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 62	Resp: 115482
Ion Ratio	Lower Upper
62	100
98	9.7 0.0 19.8





#43

Isopropyl Acetate

Concen: 19.222 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

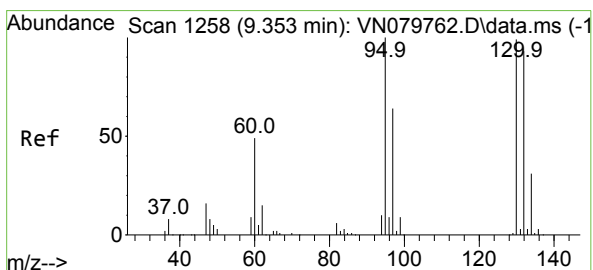
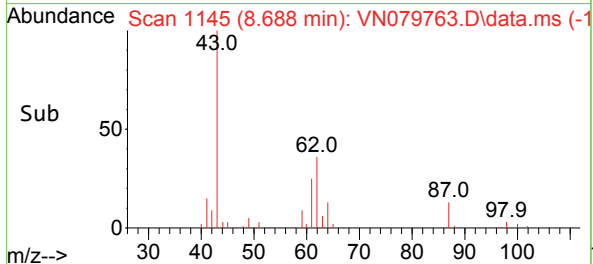
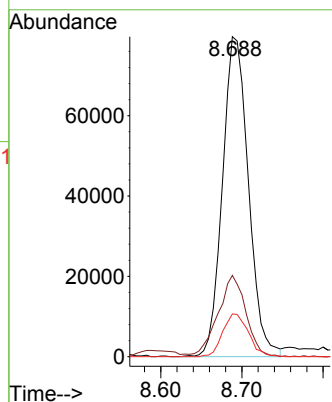
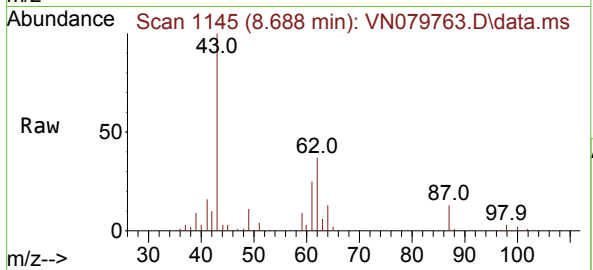
Tgt Ion: 43 Resp: 177446

Ion Ratio Lower Upper

43 100

61 27.3 24.7 37.1

87 13.2 14.6 21.8#



#44

Trichloroethene

Concen: 18.996 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN079763.D

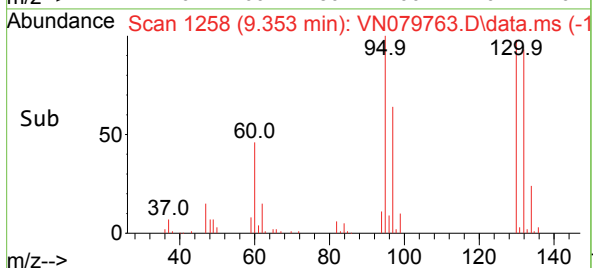
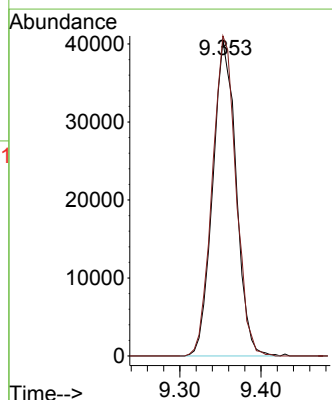
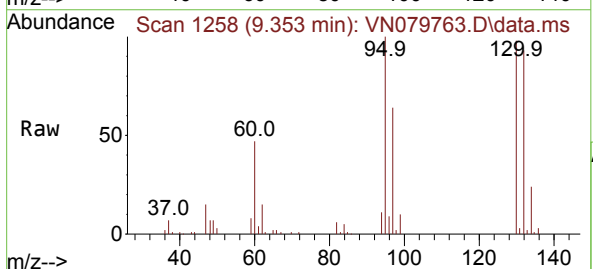
Acq: 01 Nov 2023 10:50

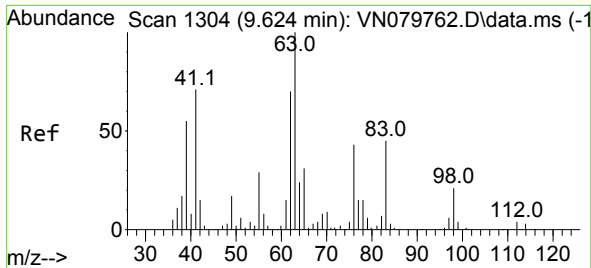
Tgt Ion:130 Resp: 81033

Ion Ratio Lower Upper

130 100

95 101.5 0.0 204.6

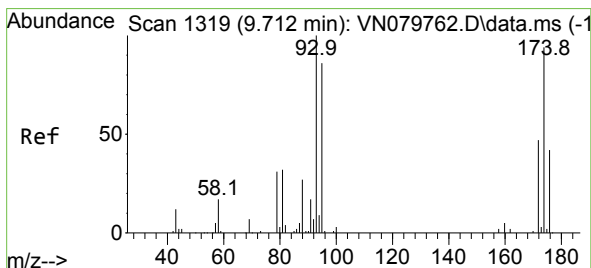
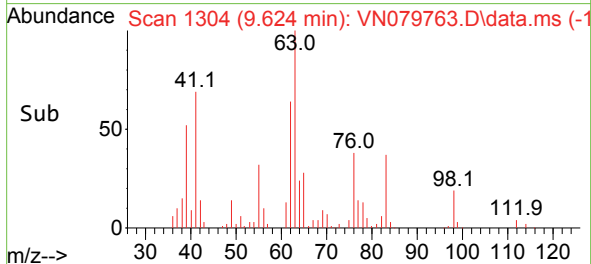
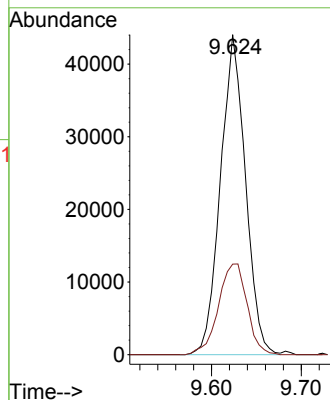
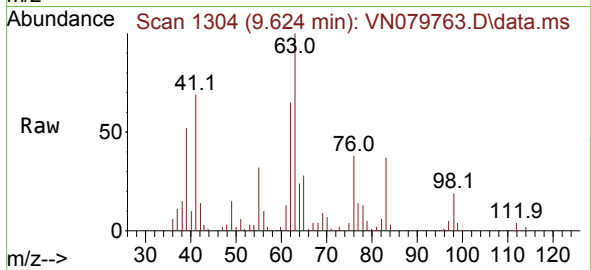




#45
1,2-Dichloropropane
Concen: 19.397 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

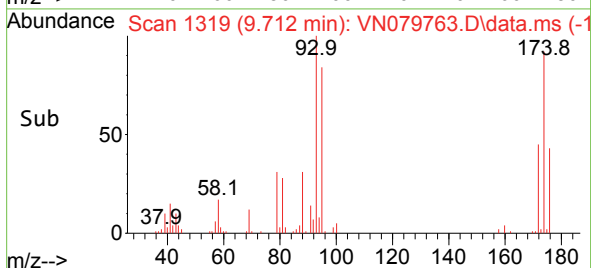
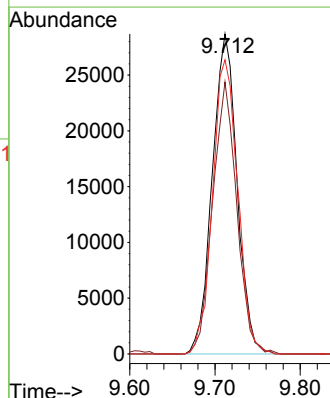
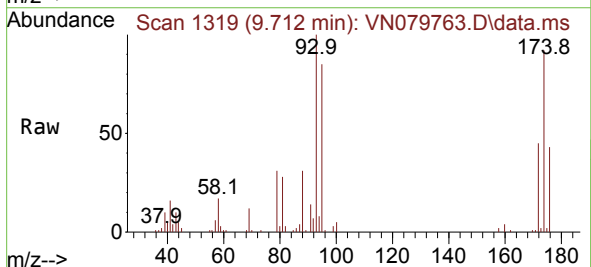
Instrument :
MSVOA_N
ClientSampleId :

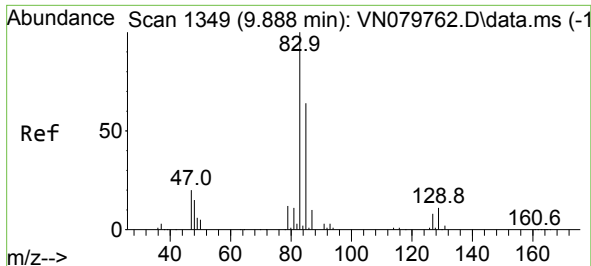
Tgt Ion: 63 Resp: 85214
Ion Ratio Lower Upper
63 100
65 28.3 23.9 35.9



#46
Dibromomethane
Concen: 19.330 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 93 Resp: 57985
Ion Ratio Lower Upper
93 100
95 82.8 63.8 95.8
174 93.2 65.6 98.4

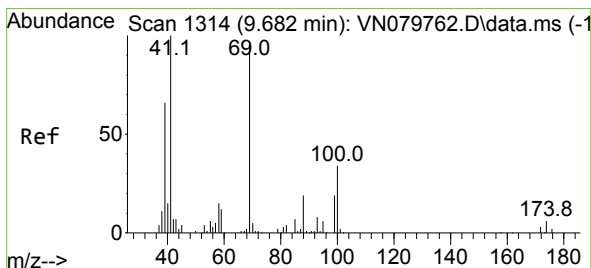
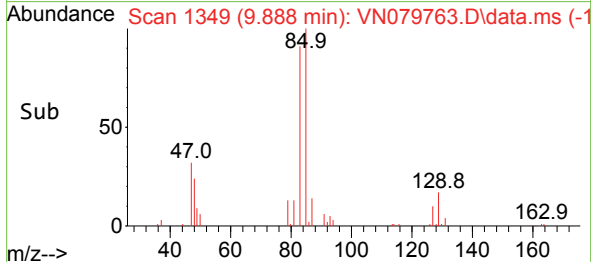
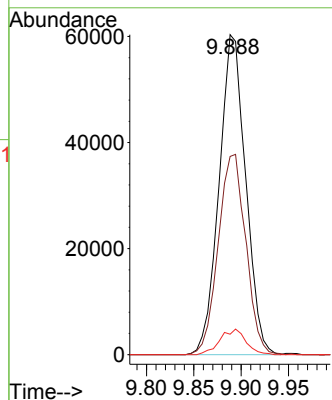
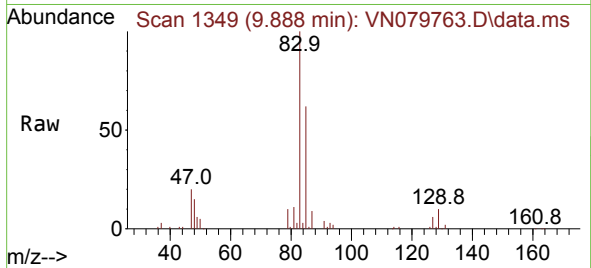




#47
Bromodichloromethane
Concen: 18.402 ug/l
RT: 9.888 min Scan# 117729
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

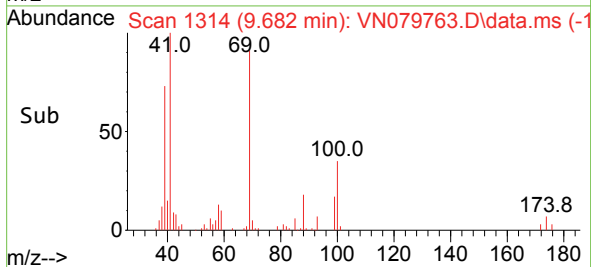
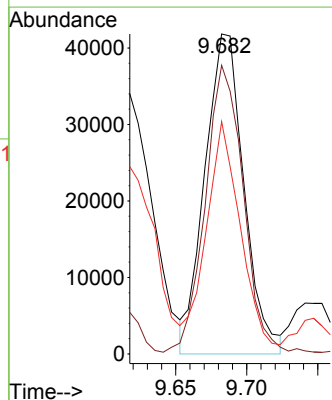
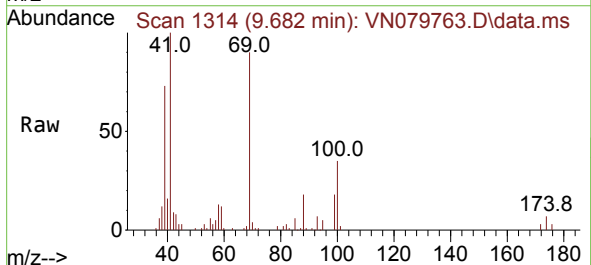
Instrument :
MSVOA_N
ClientSampleId :

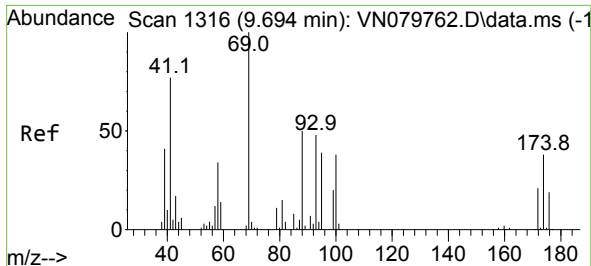
Tgt Ion: 83 Resp: 117729
Ion Ratio Lower Upper
83 100
85 61.9 49.6 74.4
127 6.4 7.0 10.6#



#48
Methyl methacrylate
Concen: 19.807 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 41 Resp: 80086
Ion Ratio Lower Upper
41 100
69 87.3 90.4 135.6#
39 64.9 54.6 81.8

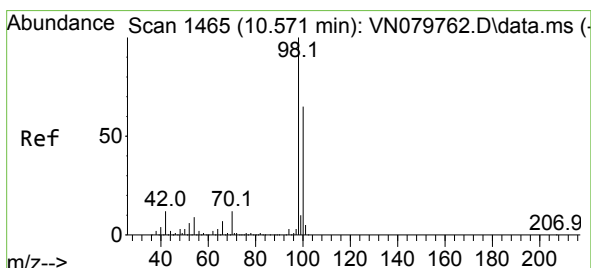
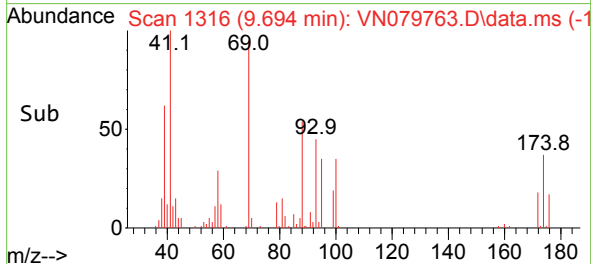
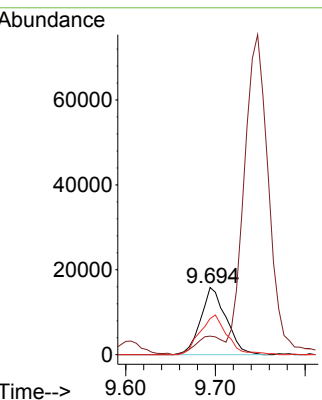
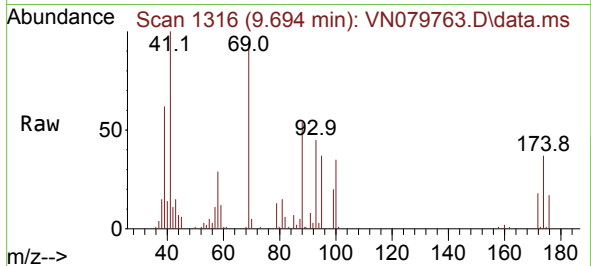




#49
1,4-Dioxane
Concen: 436.073 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

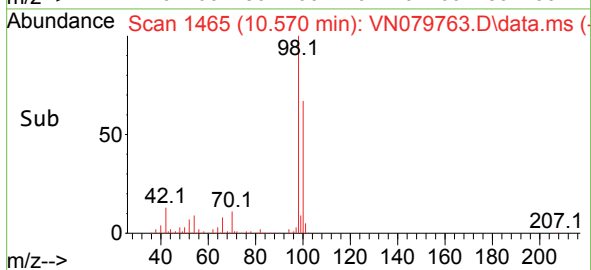
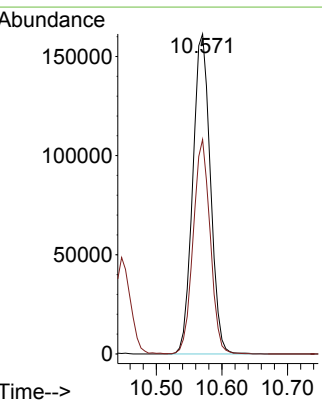
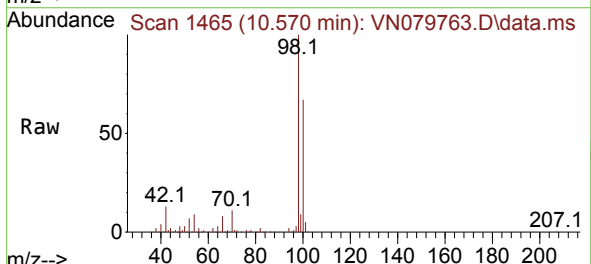
Instrument :
MSVOA_N
ClientSampleId :

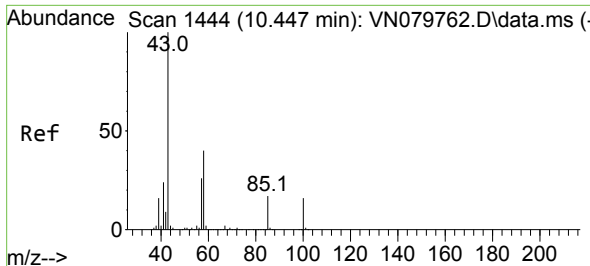
Tgt Ion: 88 Resp: 31156
Ion Ratio Lower Upper
88 100
43 30.1 17.0 25.6#
58 63.1 47.0 70.4



#50
Toluene-d8
Concen: 20.395 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 98 Resp: 301811
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

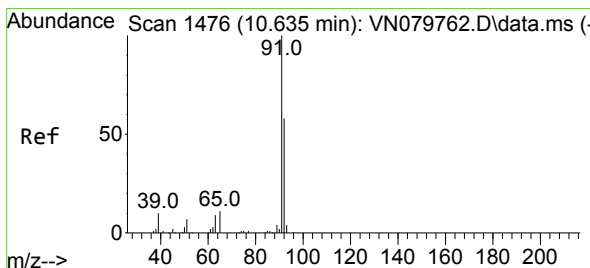
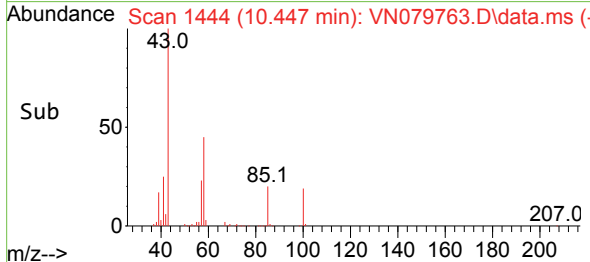
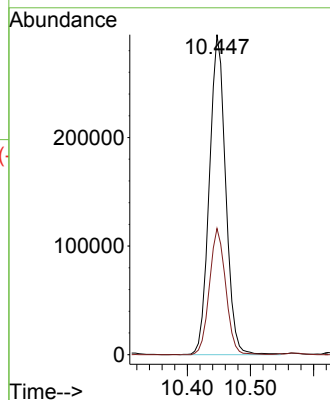
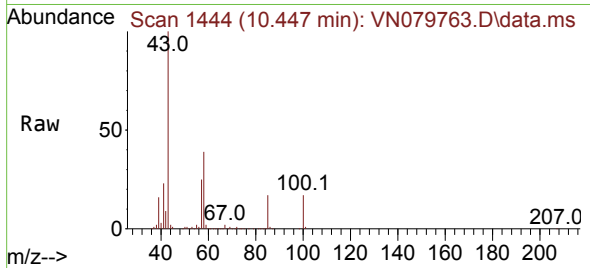




#51
4-Methyl-2-Pentanone
Concen: 101.578 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

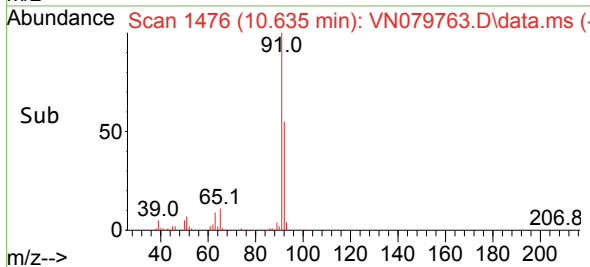
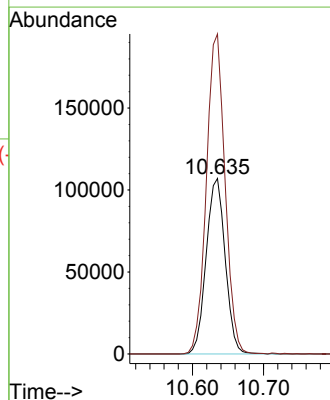
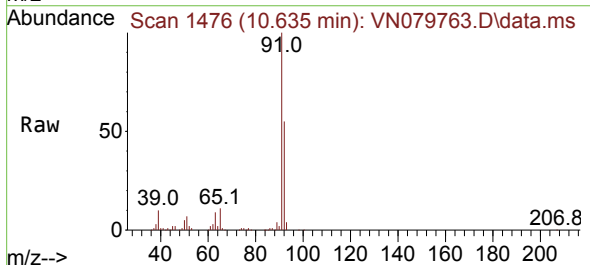
Instrument :
MSVOA_N
ClientSampleId :

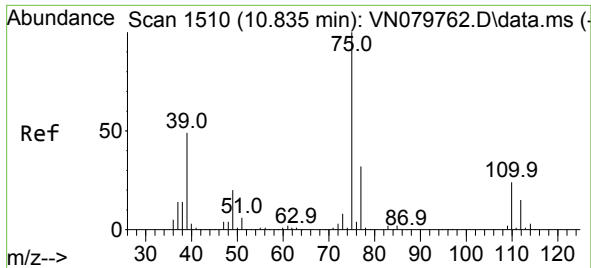
Tgt Ion: 43 Resp: 527912
Ion Ratio Lower Upper
43 100
58 39.3 36.6 54.8



#52
Toluene
Concen: 19.558 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 92 Resp: 199325
Ion Ratio Lower Upper
92 100
91 178.8 137.4 206.0

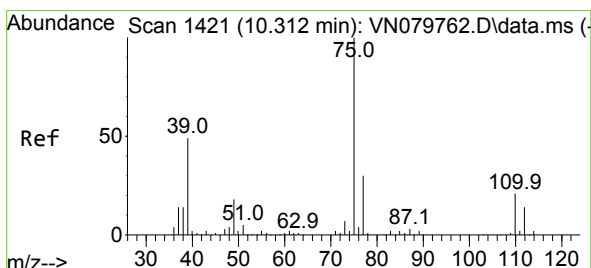
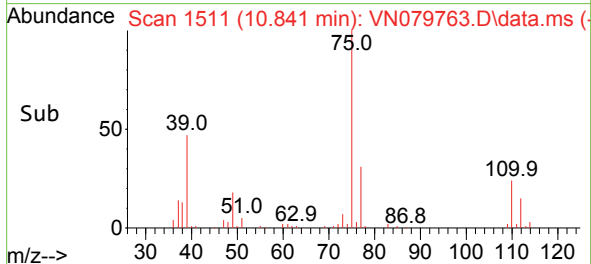
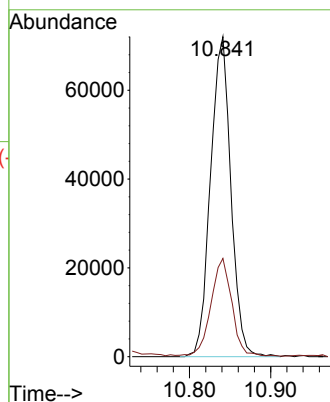
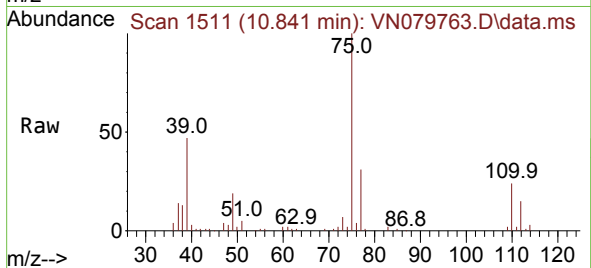




#53
 t-1,3-Dichloropropene
 Concen: 20.037 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

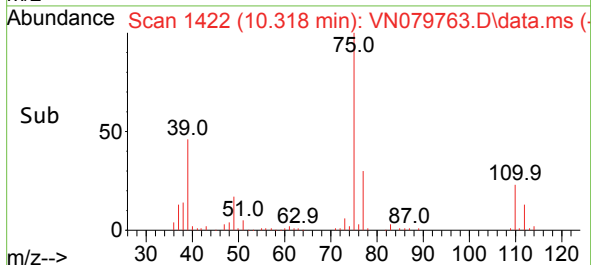
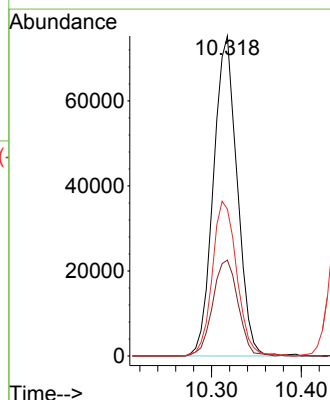
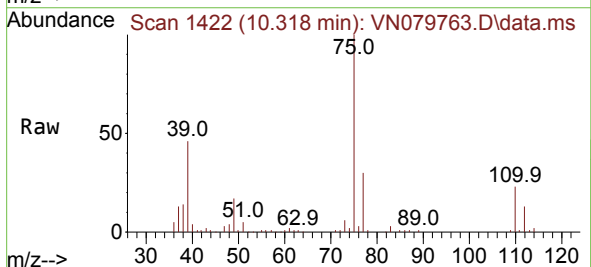
Instrument :
 MSVOA_N
 ClientSampleId :

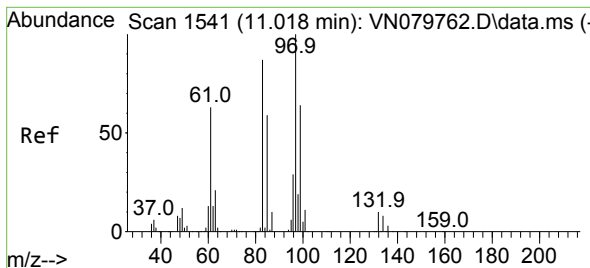
Tgt Ion: 75 Resp: 125664
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.175 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

Tgt Ion: 75 Resp: 137918
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.1 39.1
 39 45.9 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 19.991 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 81949

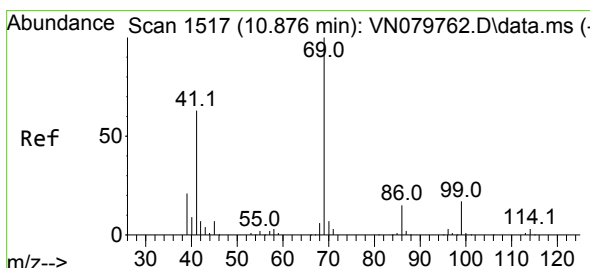
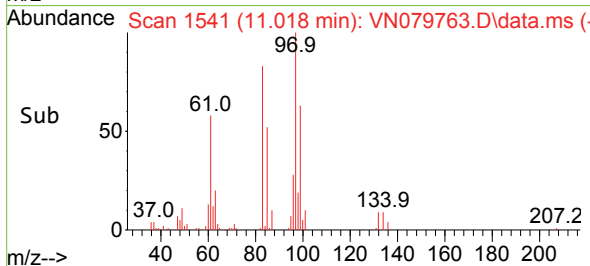
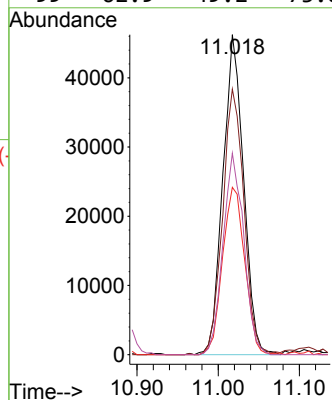
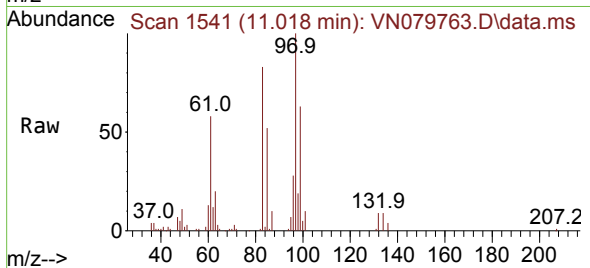
Ion Ratio Lower Upper

97 100

83 83.0 65.1 97.7

85 52.3 43.4 65.2

99 62.9 49.2 73.8



#56

Ethyl methacrylate

Concen: 20.333 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

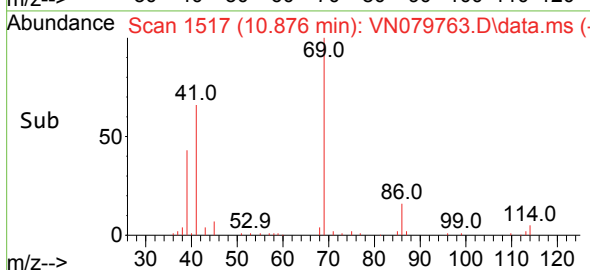
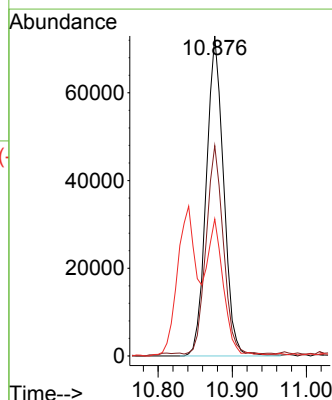
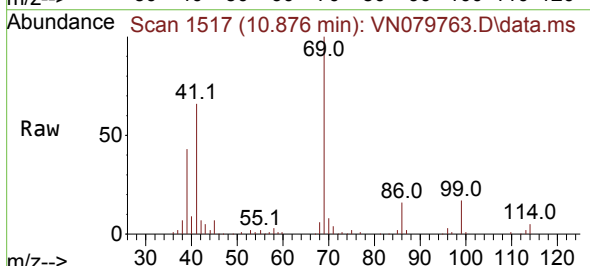
Tgt Ion: 69 Resp: 118887

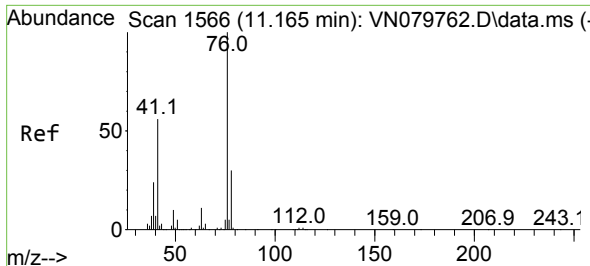
Ion Ratio Lower Upper

69 100

41 64.4 39.6 59.4#

39 39.1 28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.635 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

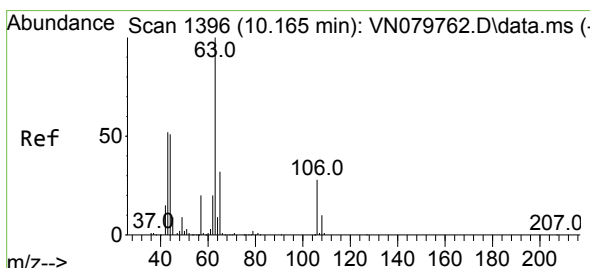
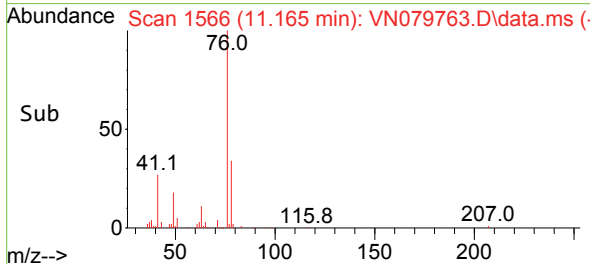
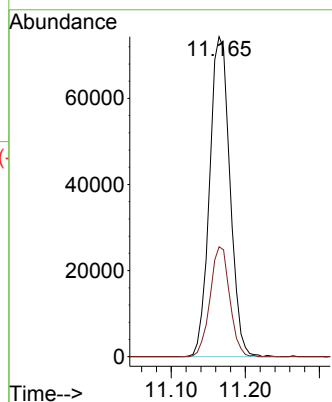
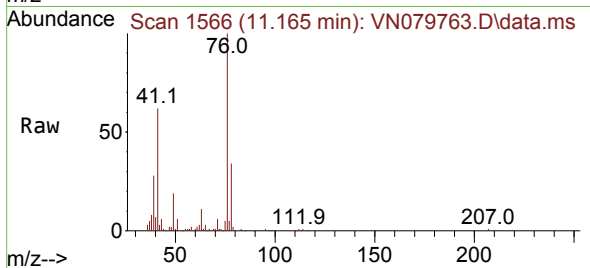
ClientSampleId :

Tgt Ion: 76 Resp: 141873

Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 101.592 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079763.D

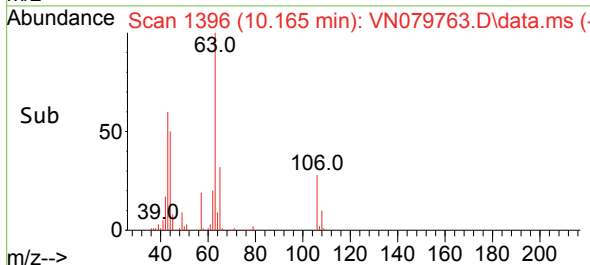
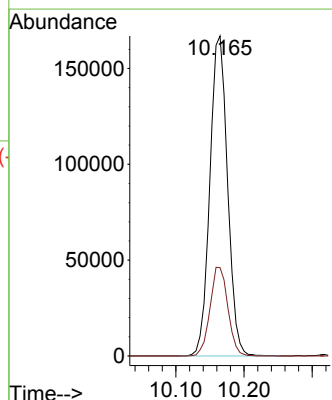
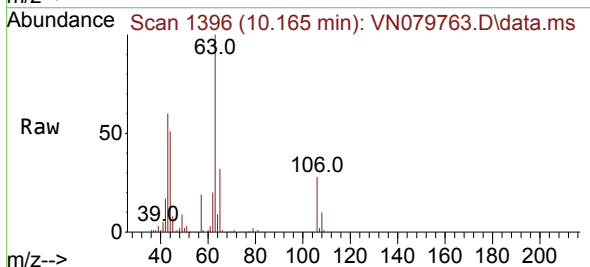
Acq: 01 Nov 2023 10:50

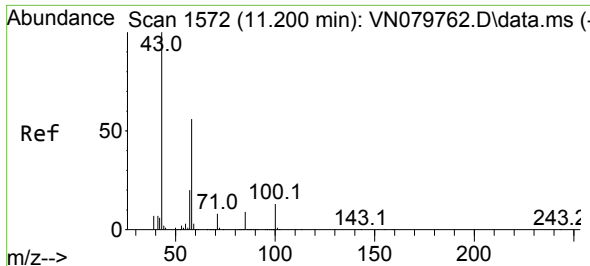
Tgt Ion: 63 Resp: 301070

Ion Ratio Lower Upper

63 100

106 28.0 26.2 39.4

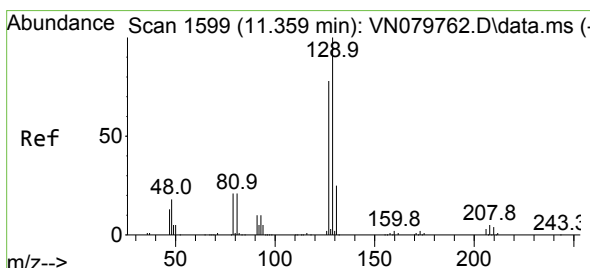
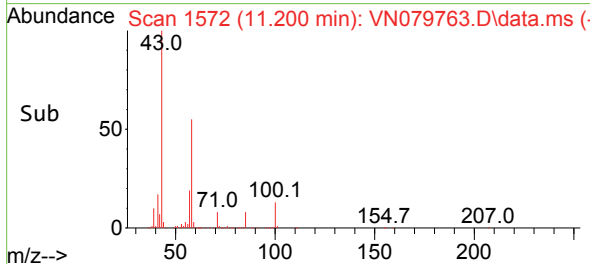
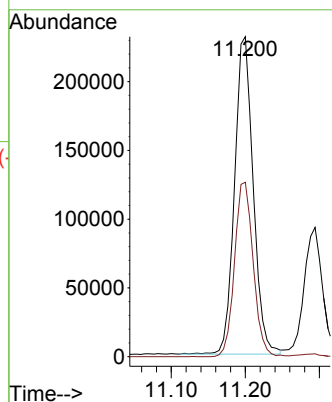
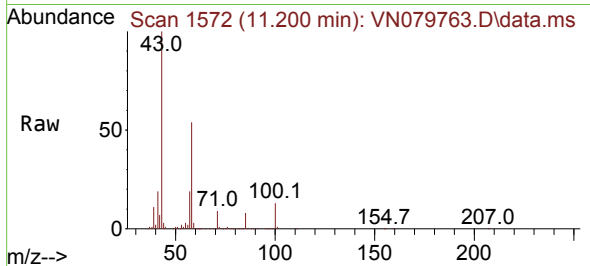




#59
2-Hexanone
Concen: 101.388 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

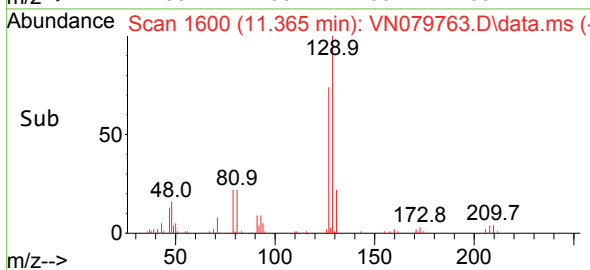
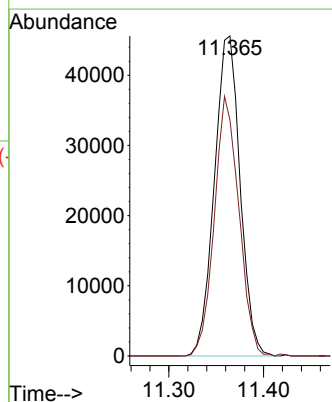
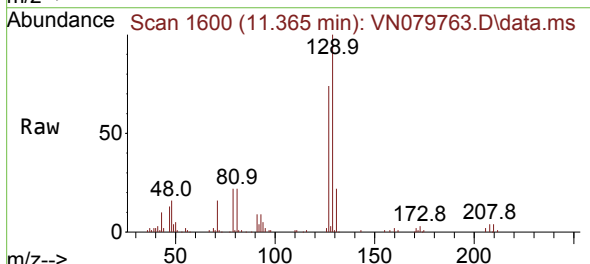
Instrument :
MSVOA_N
ClientSampleId :

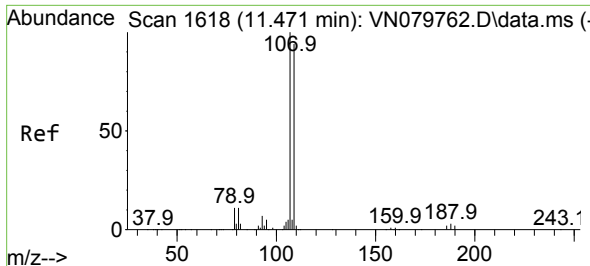
Tgt Ion: 43 Resp: 403100
Ion Ratio Lower Upper
43 100
58 55.0 31.7 95.1



#60
Dibromochloromethane
Concen: 19.647 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 129 Resp: 86209
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0

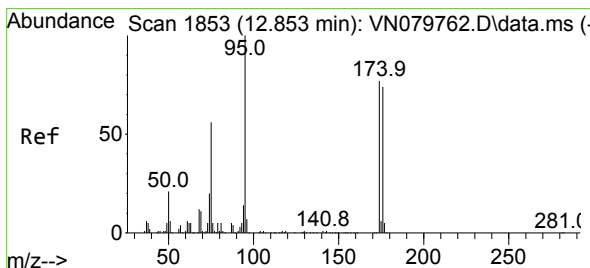
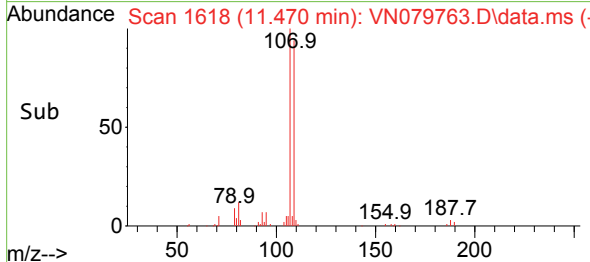
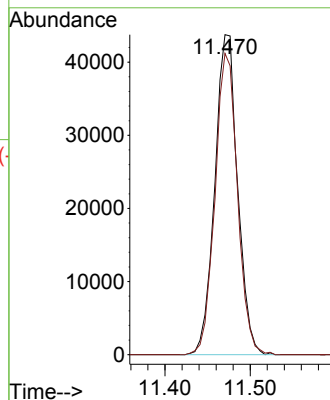
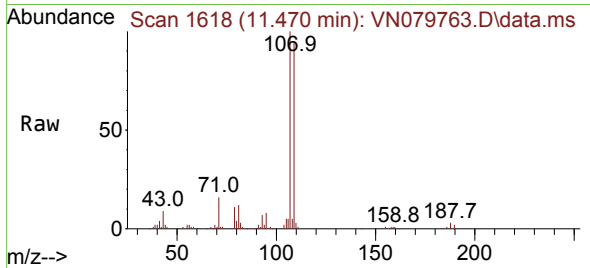




#61
1,2-Dibromoethane
Concen: 19.787 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

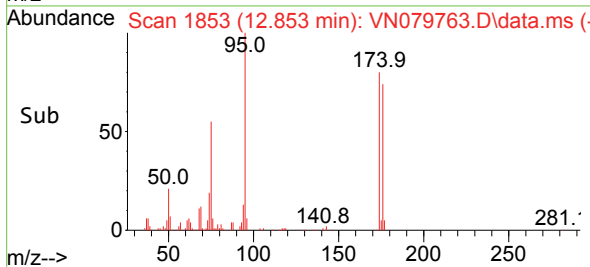
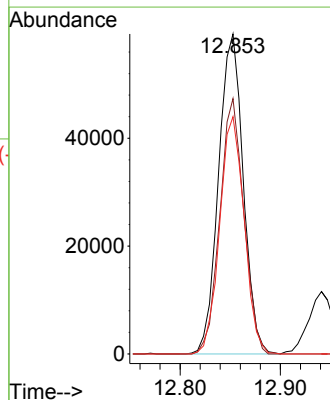
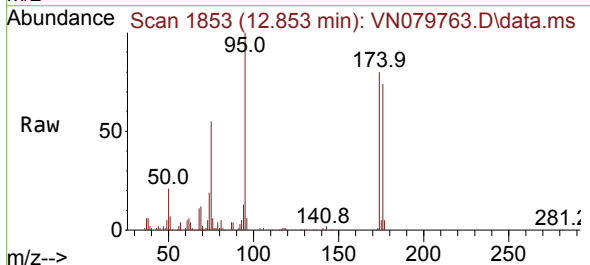
Instrument :
MSVOA_N
ClientSampleId :

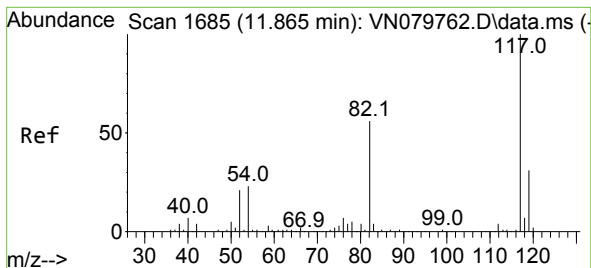
Tgt Ion:107 Resp: 81411
Ion Ratio Lower Upper
107 100
109 92.8 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 20.671 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 95 Resp: 101450
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 73.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

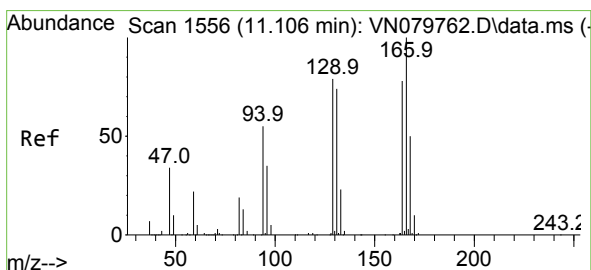
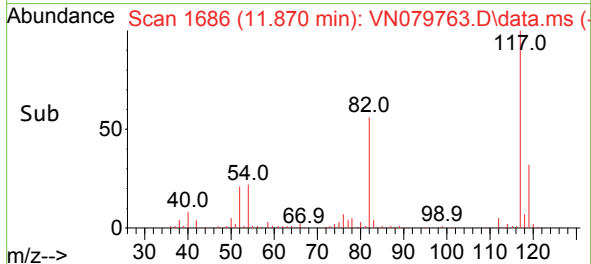
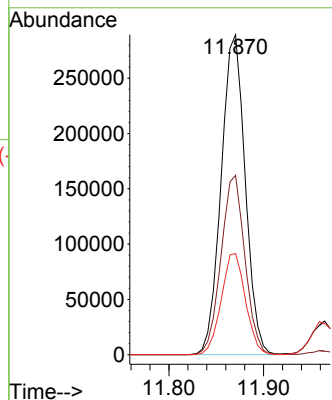
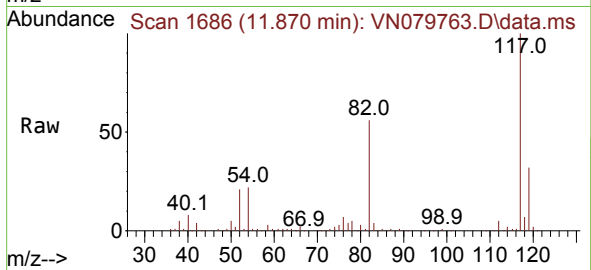
Tgt Ion:117 Resp: 510971

Ion Ratio Lower Upper

117 100

82 56.1 44.0 66.0

119 31.6 25.6 38.4



#64

Tetrachloroethene

Concen: 19.688 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Tgt Ion:164 Resp: 65154

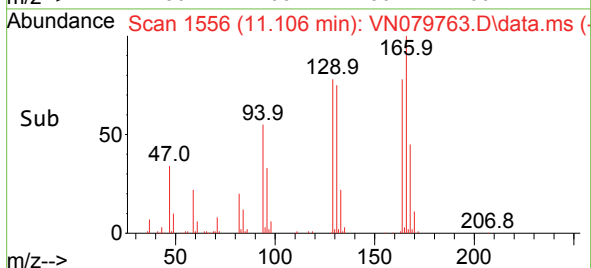
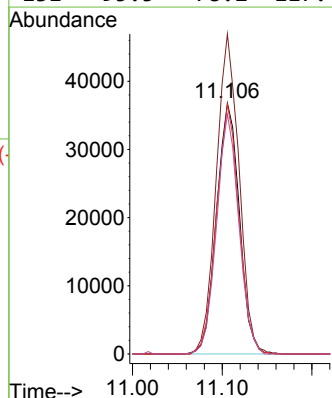
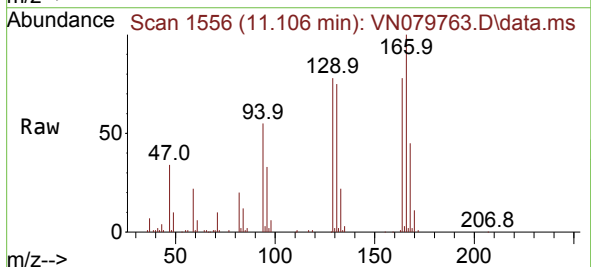
Ion Ratio Lower Upper

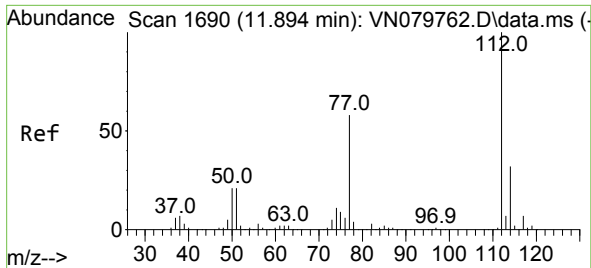
164 100

166 127.5 101.4 152.0

129 99.6 82.4 123.6

131 95.5 78.2 117.4

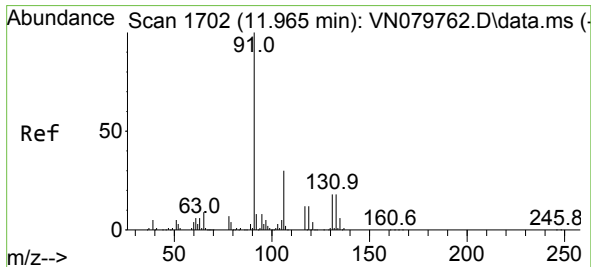
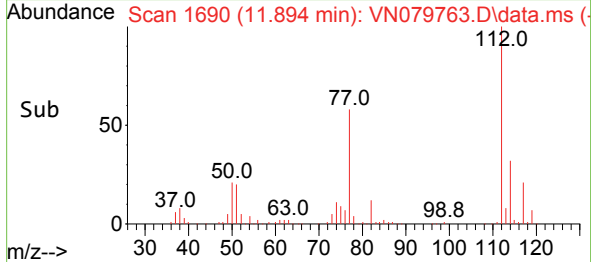
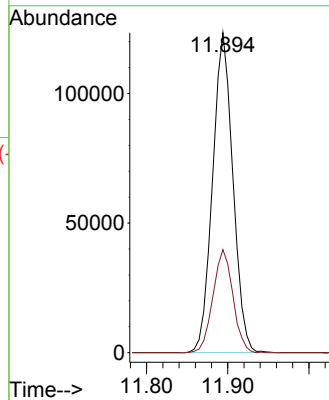
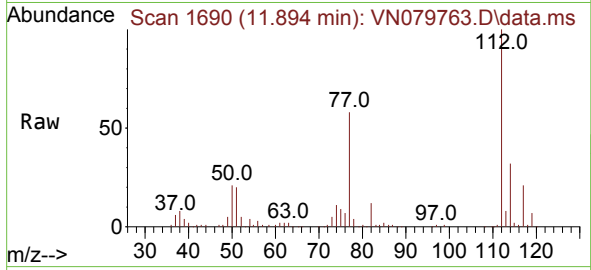




#65
Chlorobenzene
Concen: 19.338 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

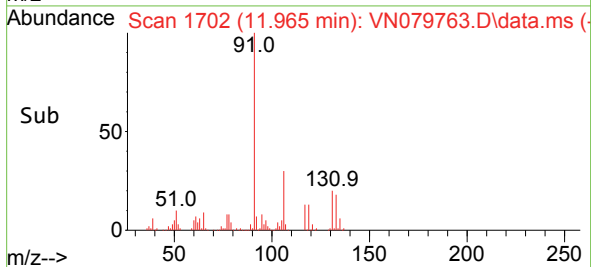
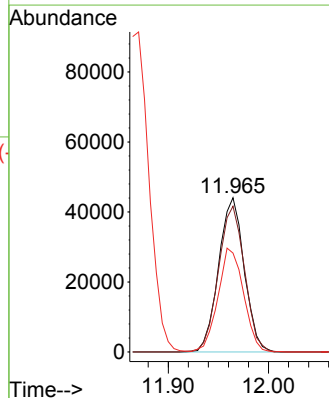
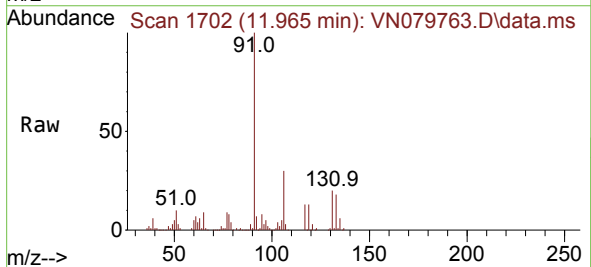
Instrument :
MSVOA_N
ClientSampleId :

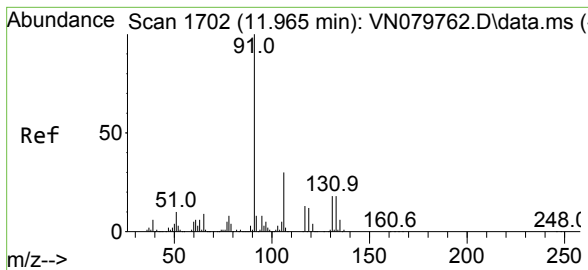
Tgt Ion:112 Resp: 214336
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.524 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion:131 Resp: 77967
Ion Ratio Lower Upper
131 100
133 96.5 46.4 139.1
119 67.3 34.1 102.2

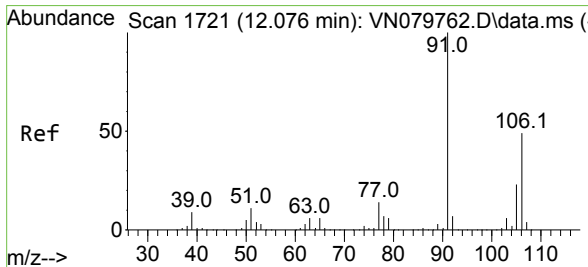
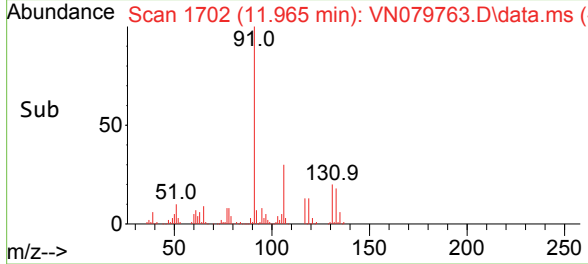
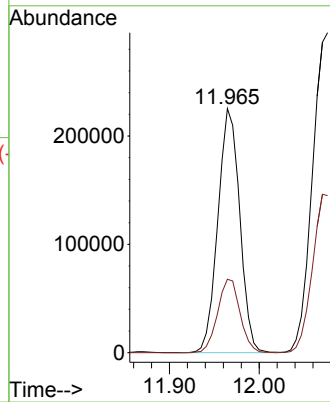
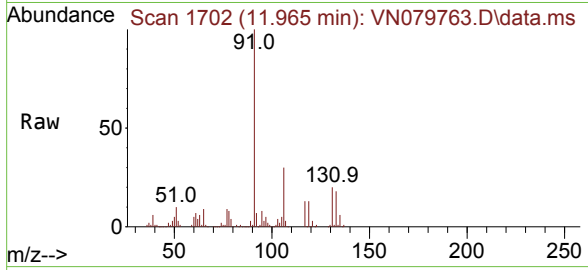




#67
Ethyl Benzene
Concen: 19.737 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

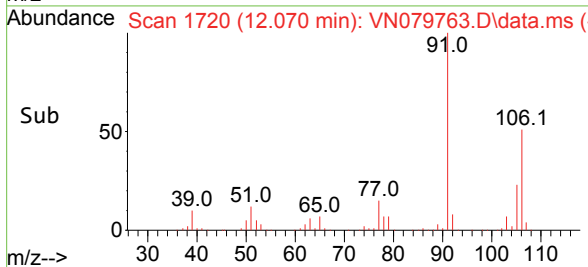
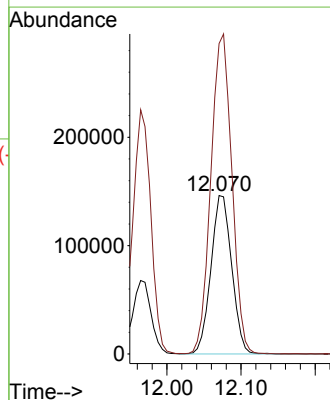
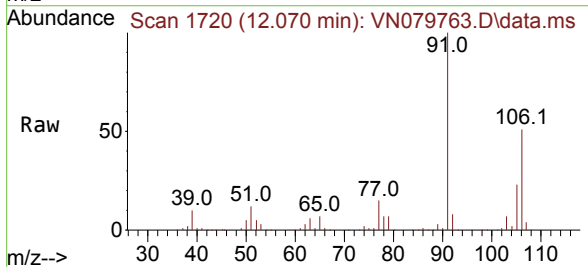
Instrument :
MSVOA_N
ClientSampleId :

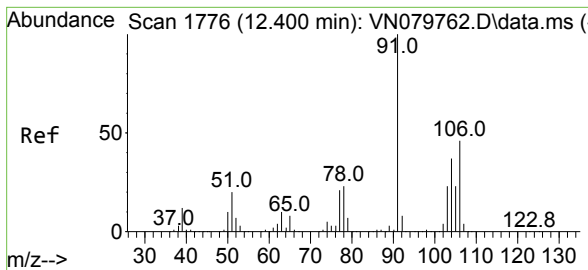
Tgt Ion: 91 Resp: 381133
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4



#68
m/p-Xylenes
Concen: 39.549 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion:106 Resp: 284505
Ion Ratio Lower Upper
106 100
91 204.1 159.6 239.4

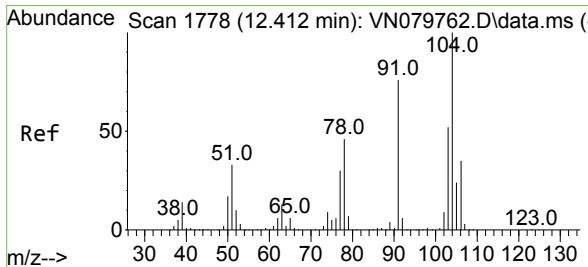
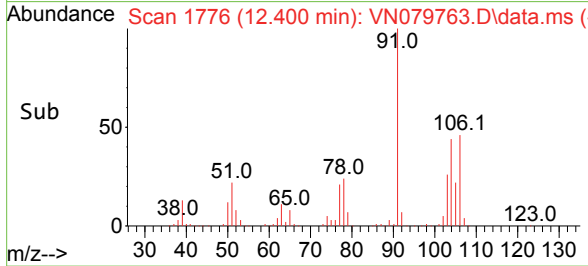
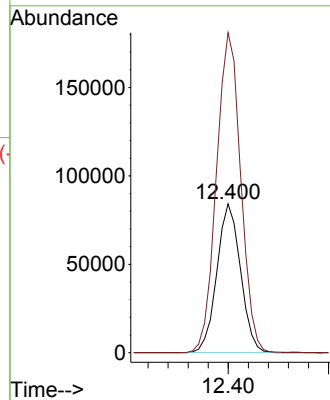
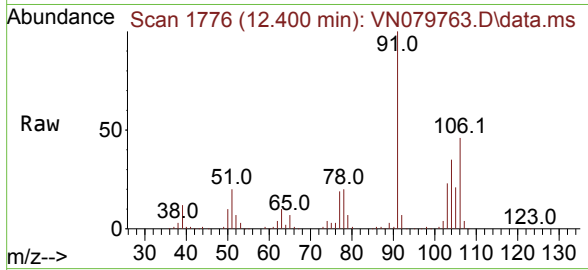




#69
o-Xylene
Concen: 19.834 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

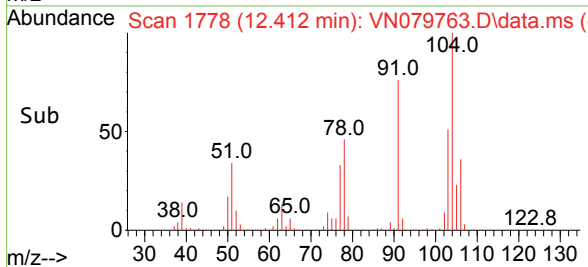
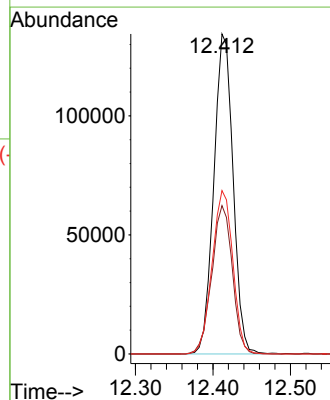
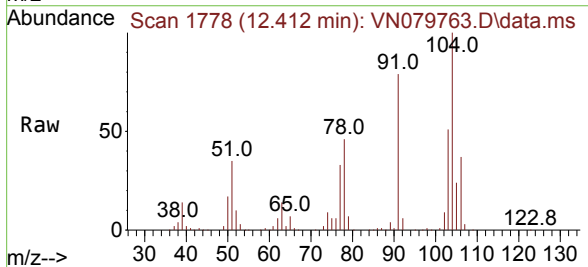
Instrument :
MSVOA_N
ClientSampleId :

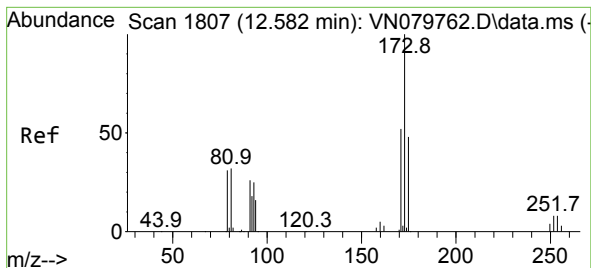
Tgt Ion:106 Resp: 137390
Ion Ratio Lower Upper
106 100
91 221.6 105.2 315.5



#70
Styrene
Concen: 20.862 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion:104 Resp: 232245
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 54.9 43.2 64.8





#71

Bromoform

Concen: 20.078 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079763.D

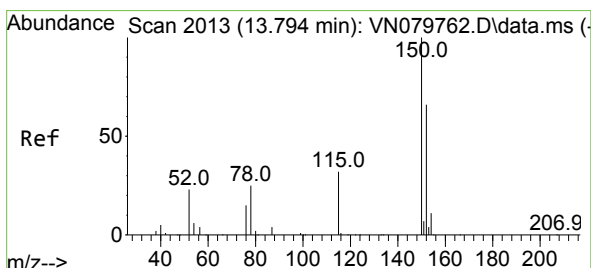
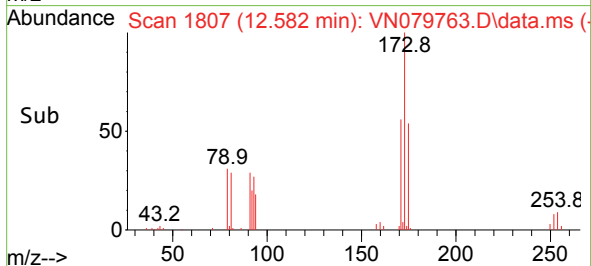
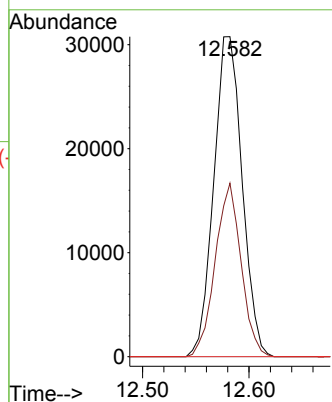
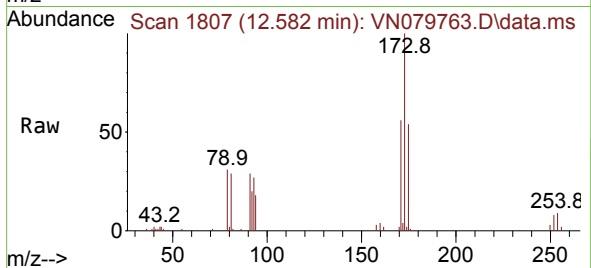
Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	56936
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.3	73.0
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

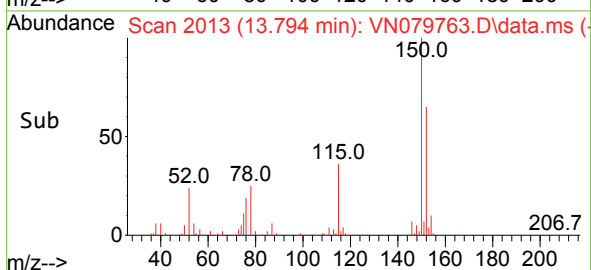
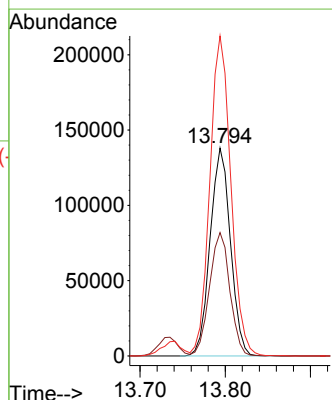
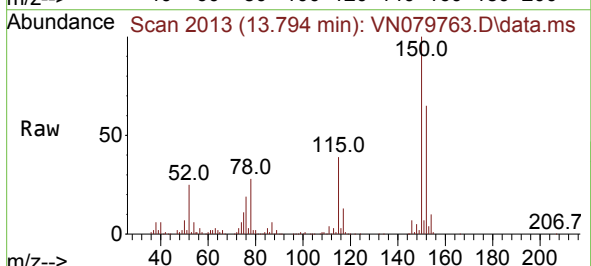
RT: 13.794 min Scan# 2013

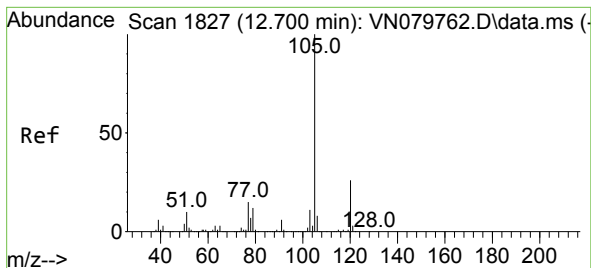
Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Tgt Ion:	152	Resp:	229243
Ion Ratio	Lower	Upper	
152	100		
115	59.5	32.3	96.8
150	158.9	0.0	355.8





#73

Isopropylbenzene

Concen: 20.113 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

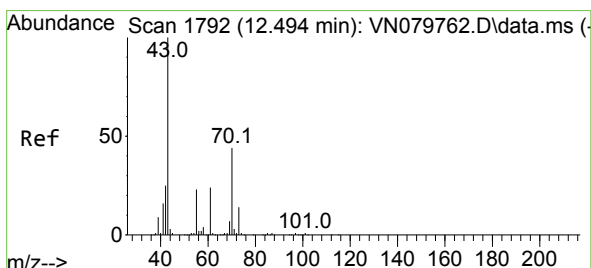
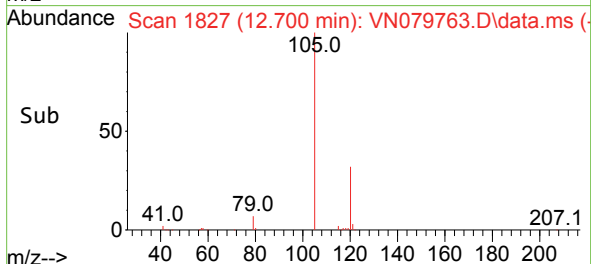
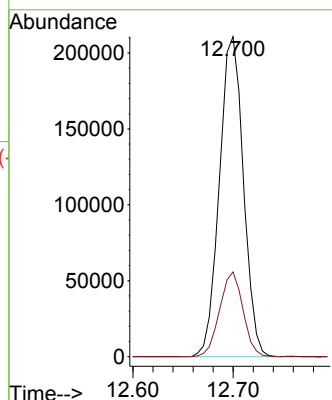
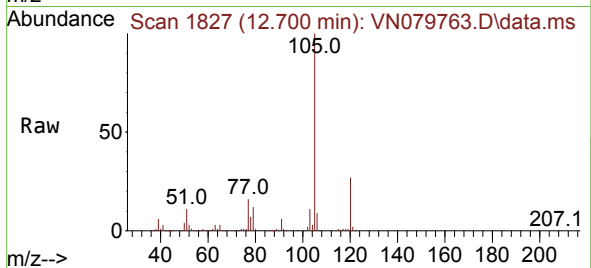
ClientSampleId :

Tgt Ion:105 Resp: 349924

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.1



#74

N-ethyl acetate

Concen: 20.288 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Tgt Ion: 43 Resp: 154070

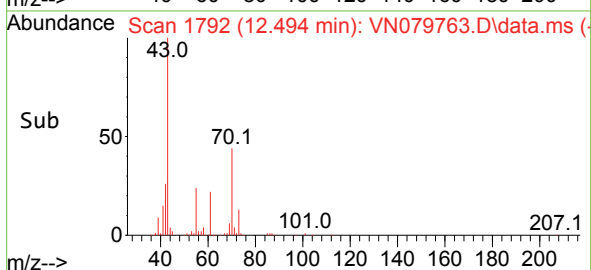
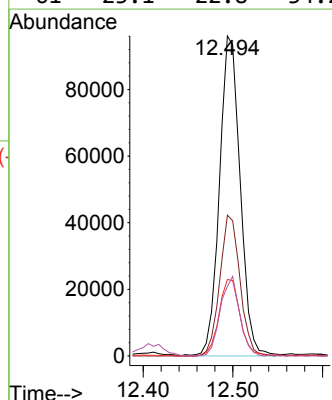
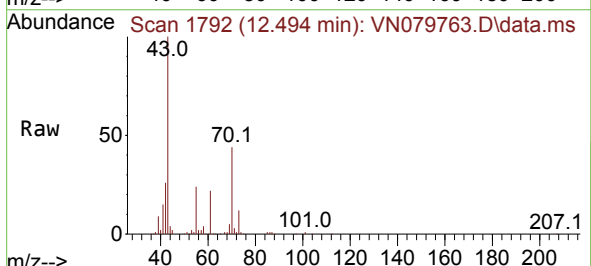
Ion Ratio Lower Upper

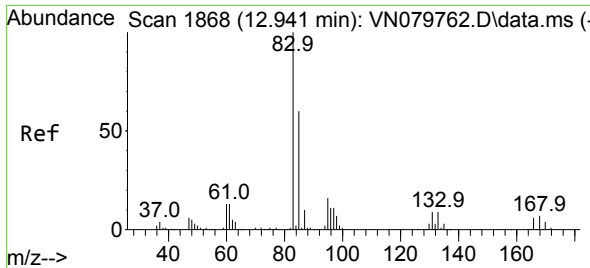
43 100

70 42.8 43.4 65.2#

55 24.3 21.4 32.0

61 23.1 22.8 34.2

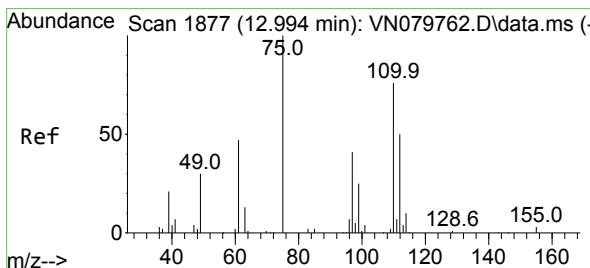
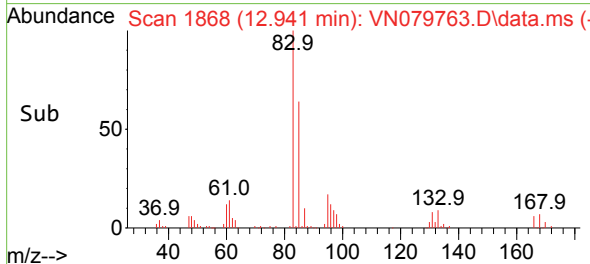
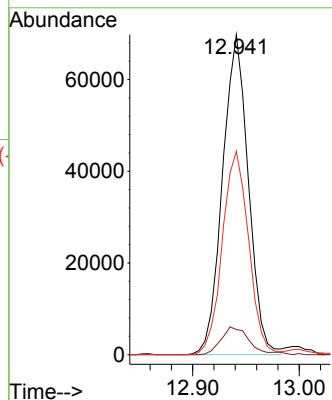
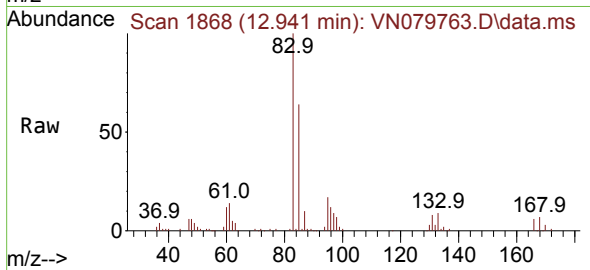




#75
1,1,2,2-Tetrachloroethane
Concen: 19.063 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

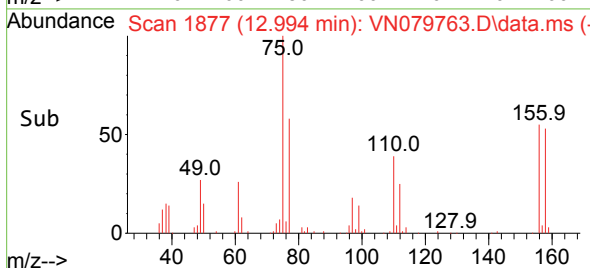
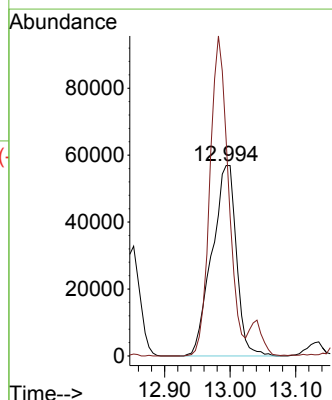
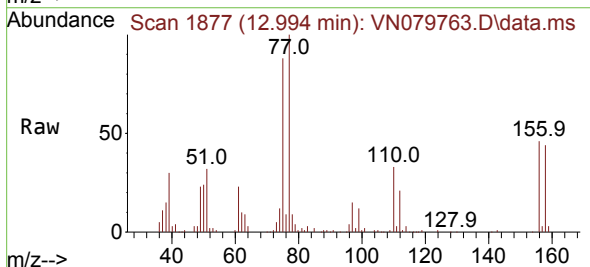
Instrument :
MSVOA_N
ClientSampleId :

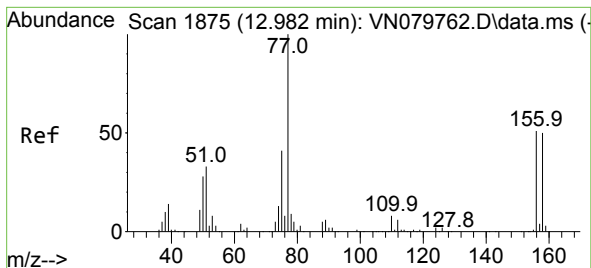
Tgt Ion: 83 Resp: 117593
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 64.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 27.402 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 75 Resp: 147288
Ion Ratio Lower Upper
75 100
77 127.5 84.5 253.5





#77

Bromobenzene

Concen: 19.558 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

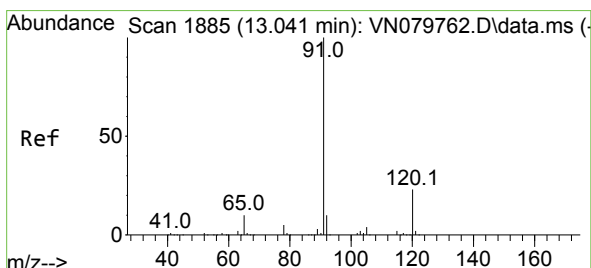
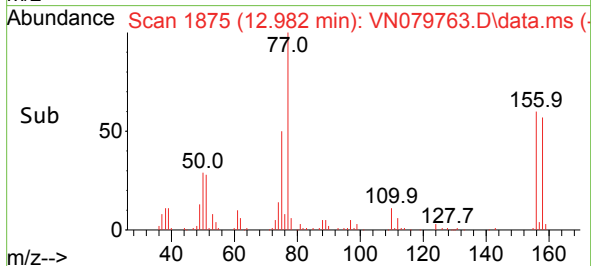
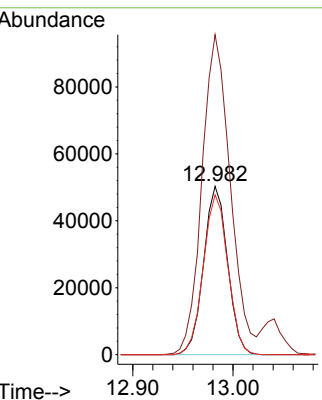
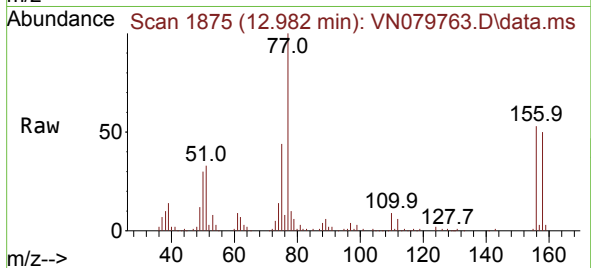
Tgt Ion:156 Resp: 83308

Ion Ratio Lower Upper

156 100

77 225.4 107.7 323.3

158 97.7 48.4 145.3



#78

n-propylbenzene

Concen: 20.248 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079763.D

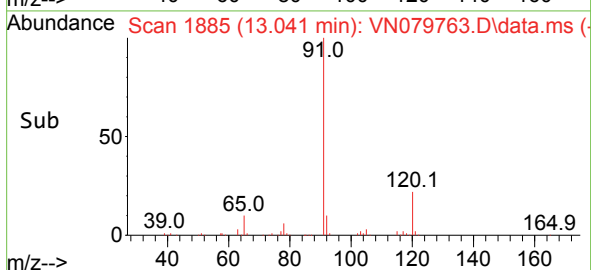
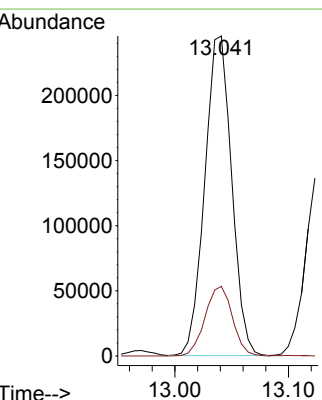
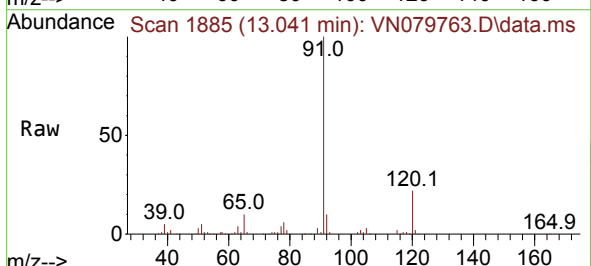
Acq: 01 Nov 2023 10:50

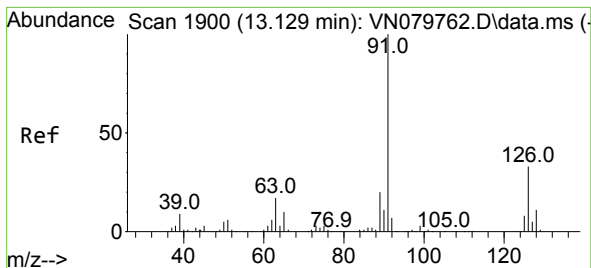
Tgt Ion: 91 Resp: 403421

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.499 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

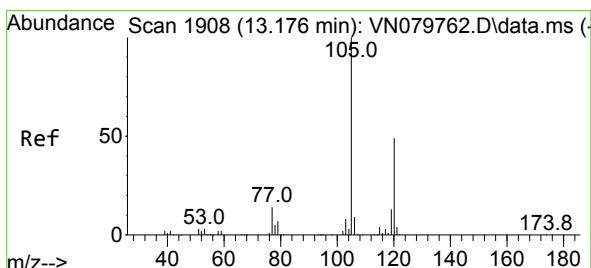
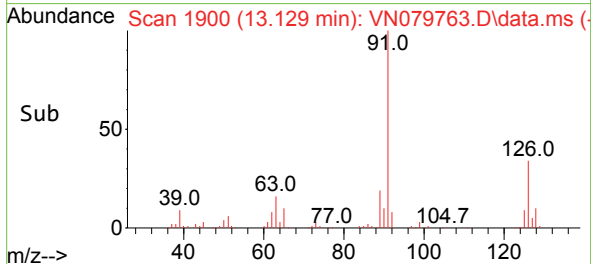
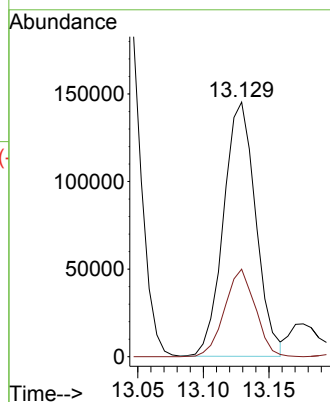
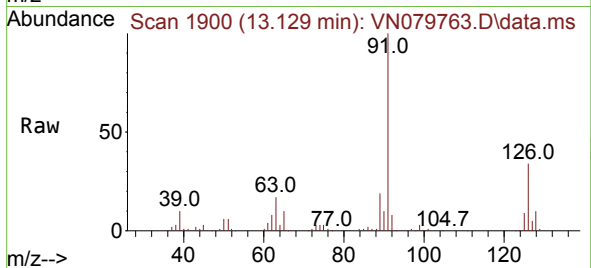
ClientSampleId :

Tgt Ion: 91 Resp: 248180

Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 20.081 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079763.D

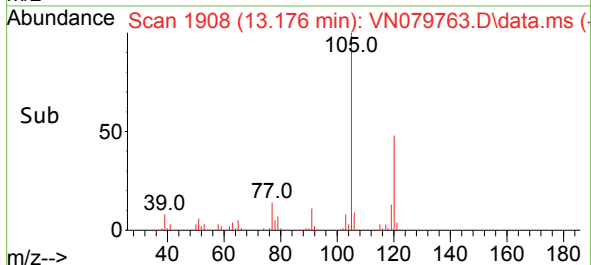
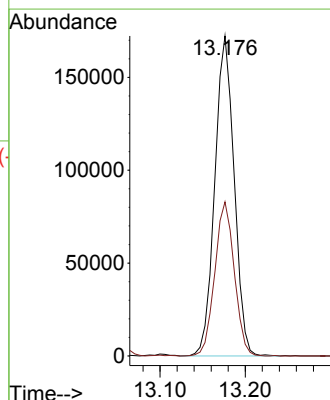
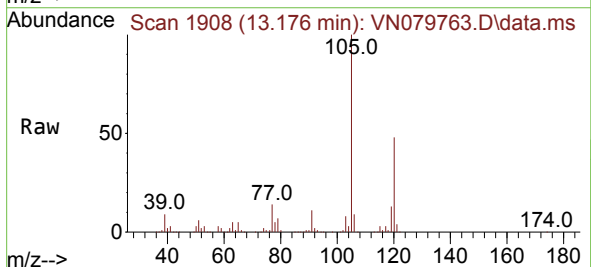
Acq: 01 Nov 2023 10:50

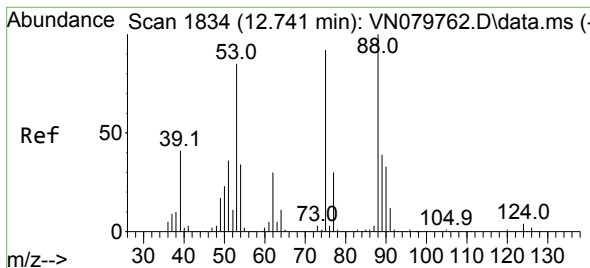
Tgt Ion: 105 Resp: 271827

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.3

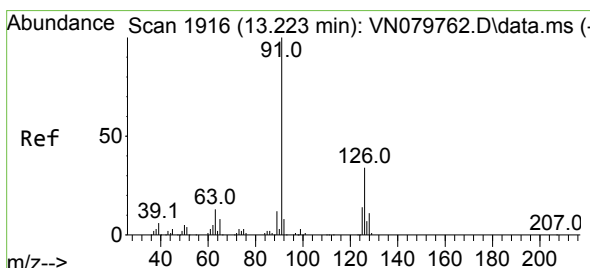
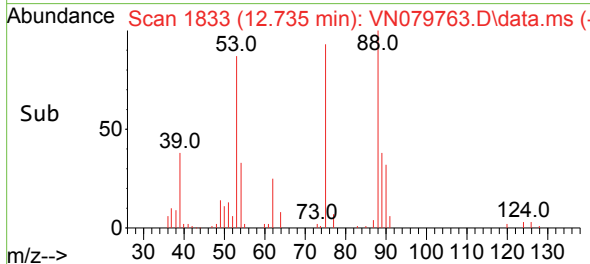
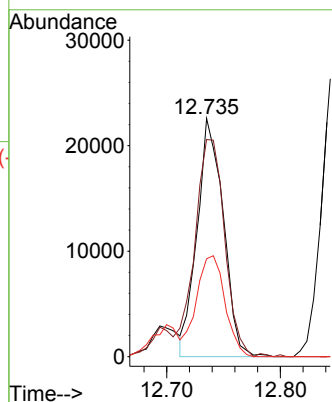
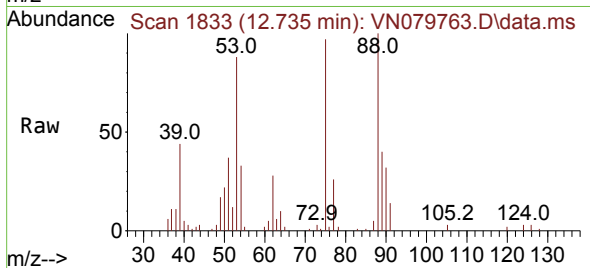




#81
trans-1,4-Dichloro-2-butene
Concen: 18.226 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

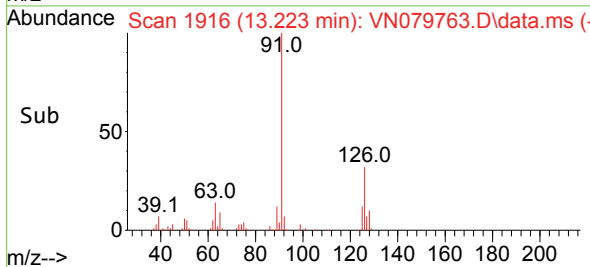
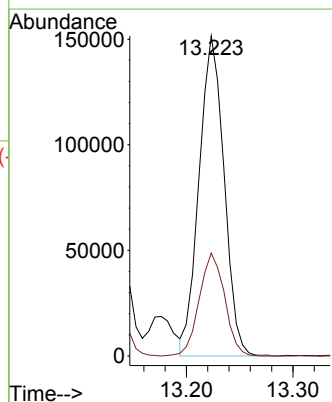
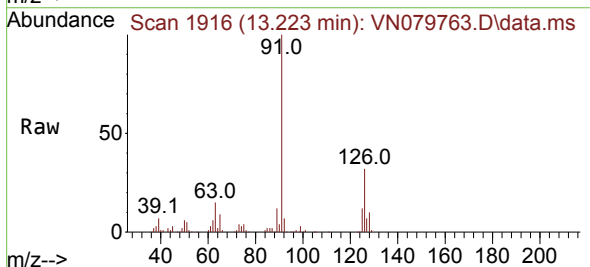
Instrument :
MSVOA_N
ClientSampleId :

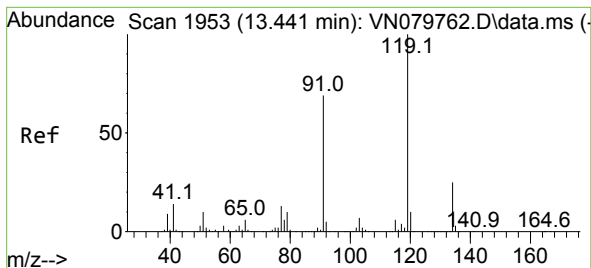
Tgt Ion: 75 Resp: 36052
Ion Ratio Lower Upper
75 100
53 114.9 67.4 101.2#
89 46.6 38.8 58.2



#82
4-Chlorotoluene
Concen: 19.561 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 91 Resp: 247402
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





#83

tert-Butylbenzene

Concen: 20.543 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

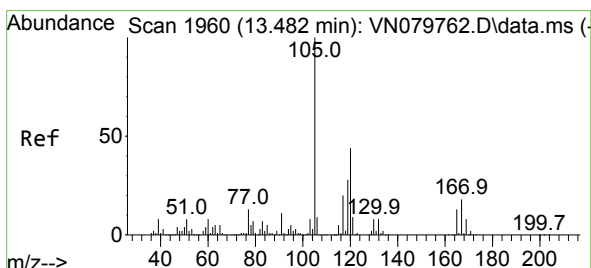
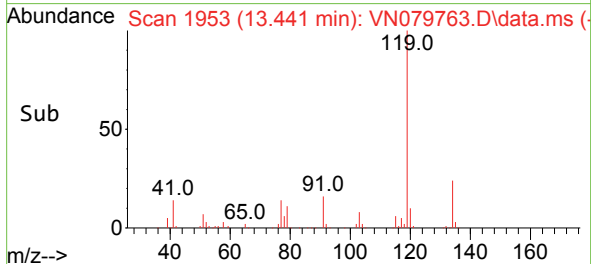
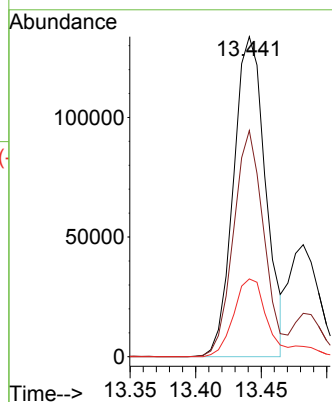
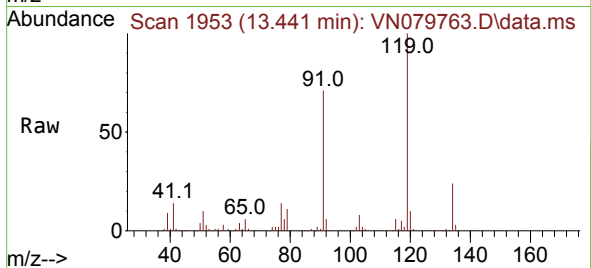
Tgt Ion:119 Resp: 227622

Ion Ratio Lower Upper

119 100

91 67.7 33.9 101.7

134 27.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 20.444 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN079763.D

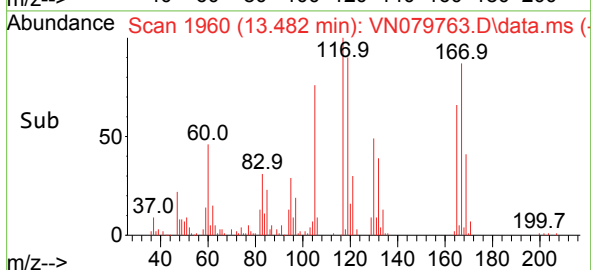
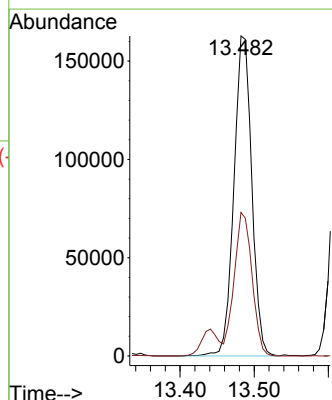
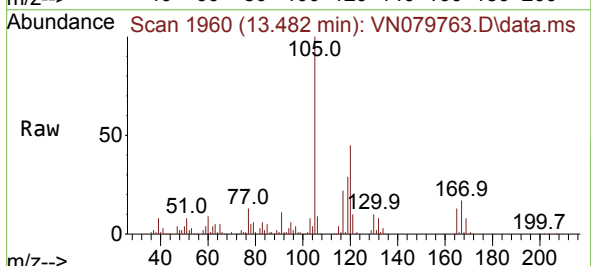
Acq: 01 Nov 2023 10:50

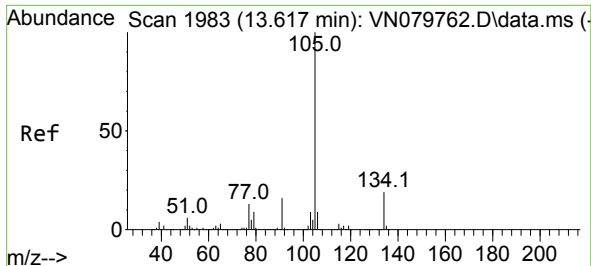
Tgt Ion:105 Resp: 272272

Ion Ratio Lower Upper

105 100

120 44.6 22.0 66.0

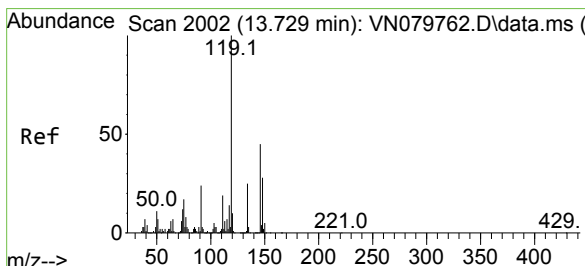
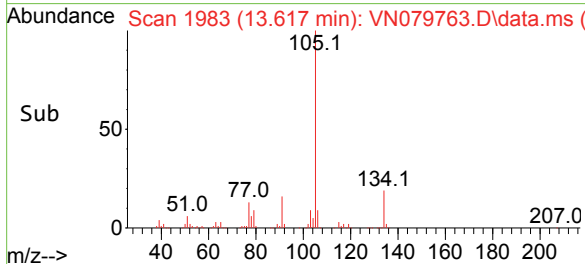
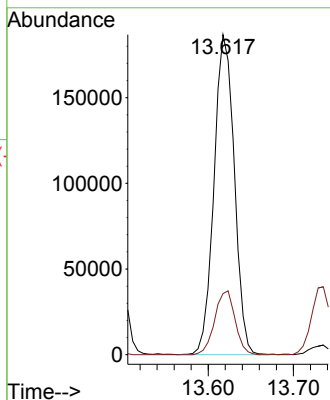
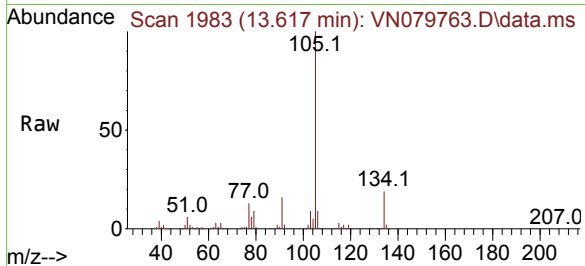




#85
 sec-Butylbenzene
 Concen: 20.127 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

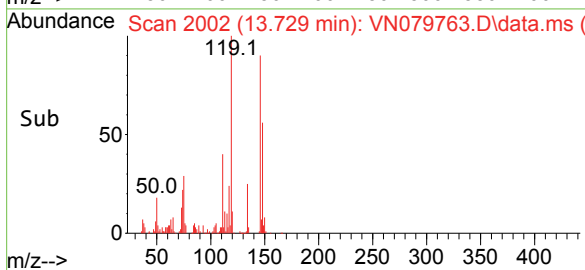
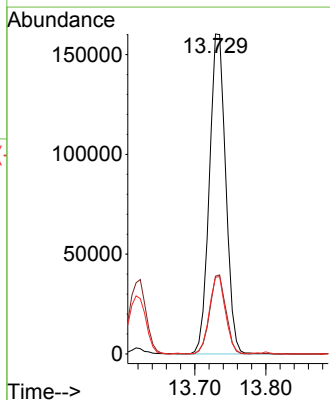
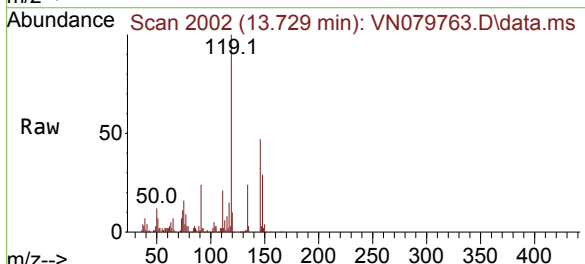
Instrument :
 MSVOA_N
 ClientSampleId :

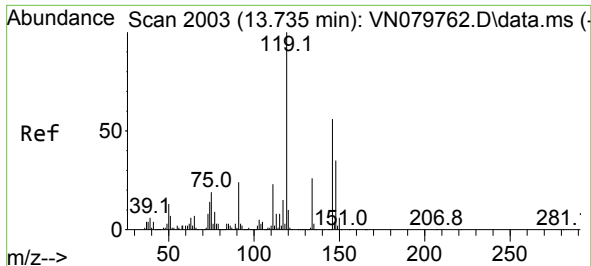
Tgt Ion:105 Resp: 308975
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.466 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

Tgt Ion:119 Resp: 256144
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.8
 91 24.0 12.4 37.2

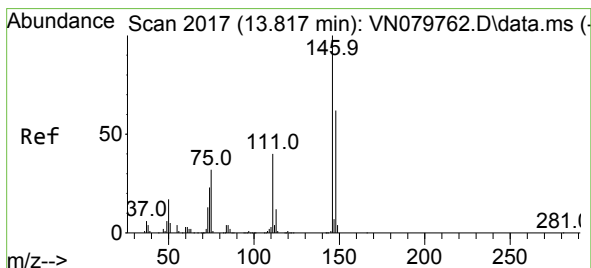
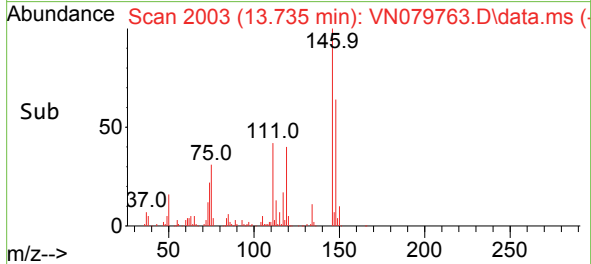
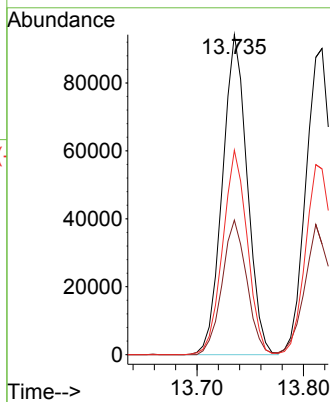
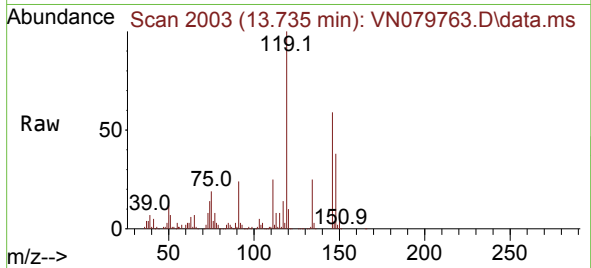




#87
 1,3-Dichlorobenzene
 Concen: 19.209 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

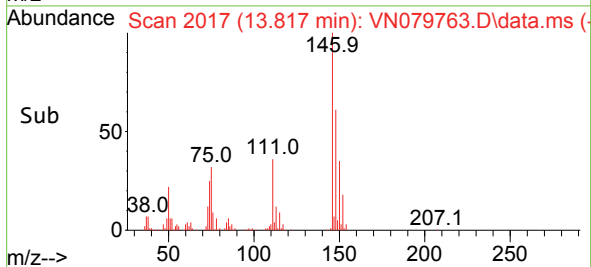
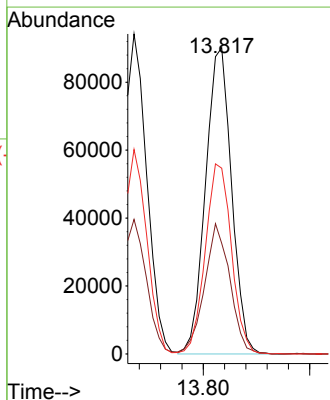
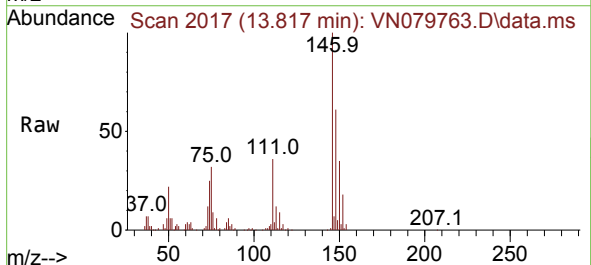
Instrument :
 MSVOA_N
 ClientSampleId :

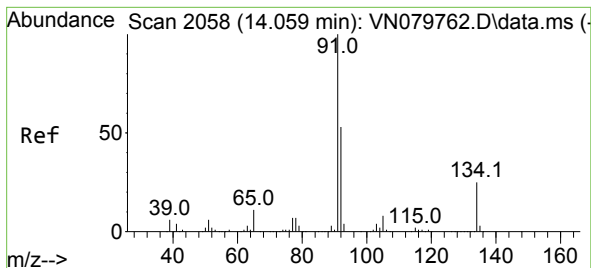
Tgt Ion:146 Resp: 152211
 Ion Ratio Lower Upper
 146 100
 111 41.9 22.1 66.3
 148 63.2 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.047 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN079763.D
 Acq: 01 Nov 2023 10:50

Tgt Ion:146 Resp: 153194
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.6 61.8
 148 62.7 31.6 94.8





#89

n-Butylbenzene

Concen: 19.472 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

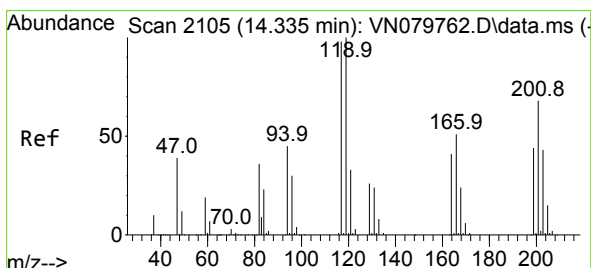
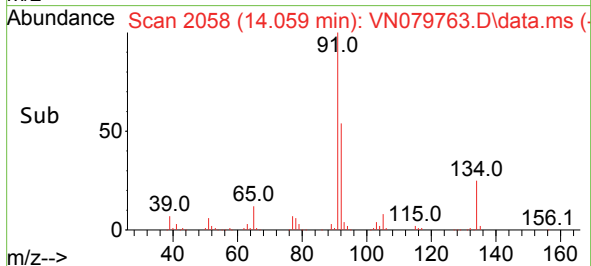
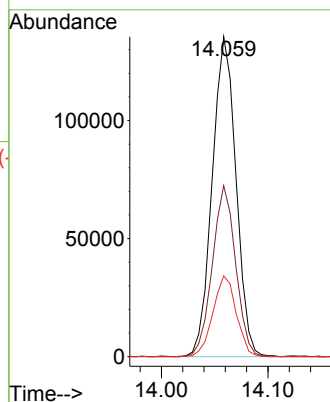
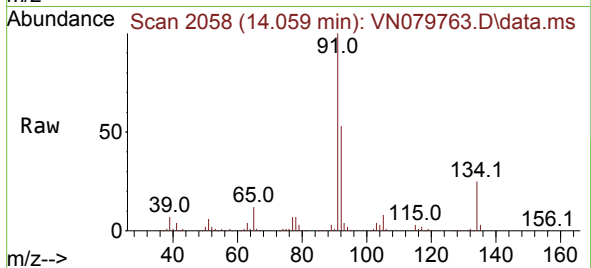
Tgt Ion: 91 Resp: 209903

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.0

134 24.9 12.6 37.6



#90

Hexachloroethane

Concen: 18.977 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079763.D

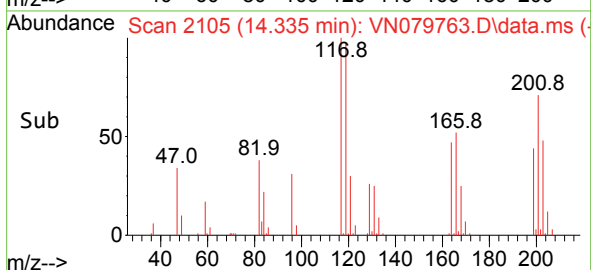
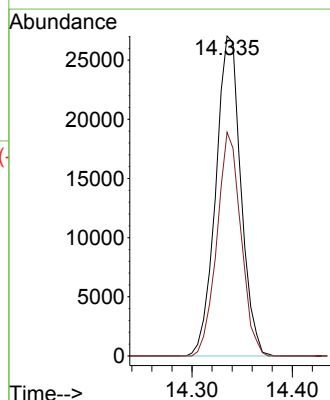
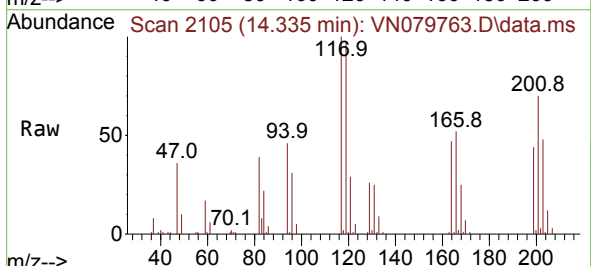
Acq: 01 Nov 2023 10:50

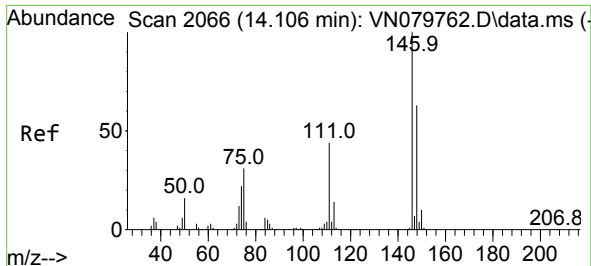
Tgt Ion: 117 Resp: 47039

Ion Ratio Lower Upper

117 100

201 66.7 29.3 88.0

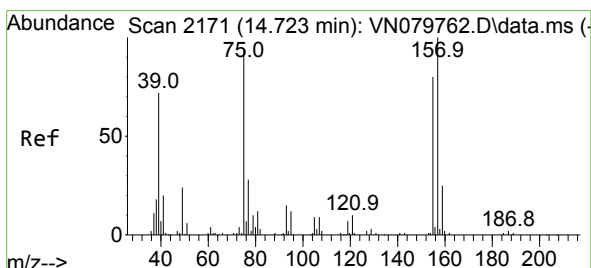
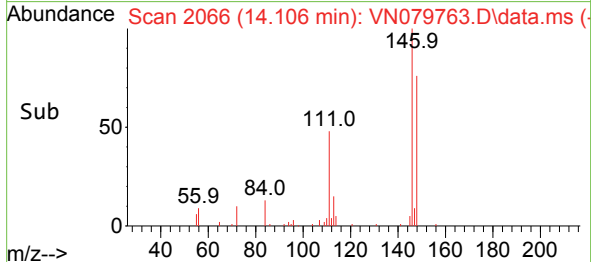
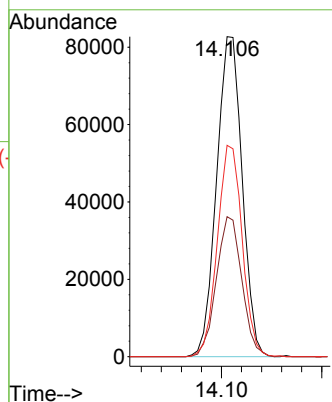
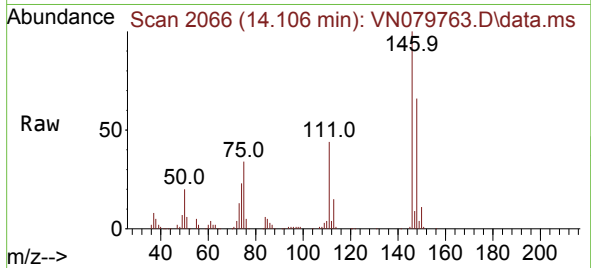




#91
1,2-Dichlorobenzene
Concen: 19.581 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

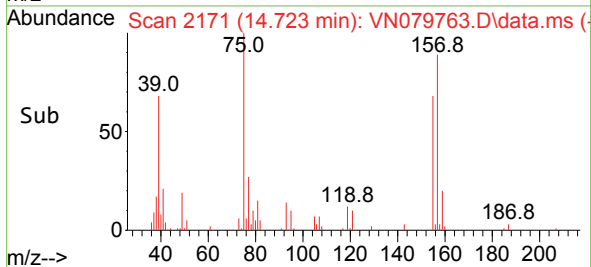
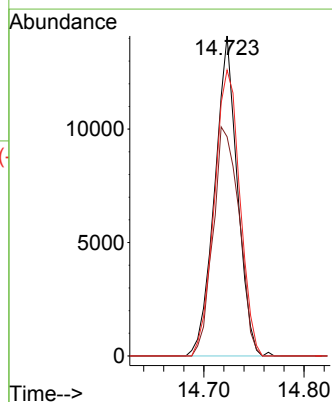
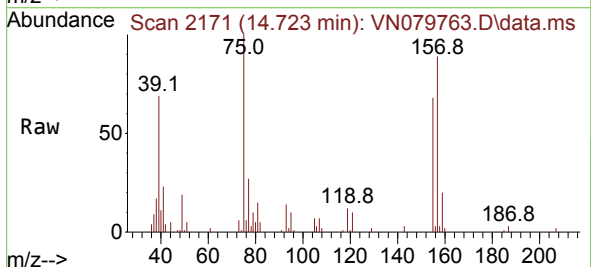
Instrument :
MSVOA_N
ClientSampleId :

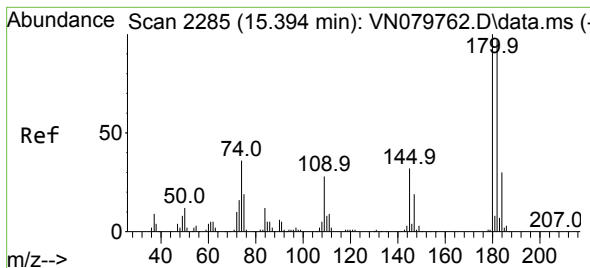
Tgt Ion:146 Resp: 146471
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 64.2 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.221 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079763.D
Acq: 01 Nov 2023 10:50

Tgt Ion: 75 Resp: 22199
Ion Ratio Lower Upper
75 100
155 82.1 39.1 117.2
157 100.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 19.828 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

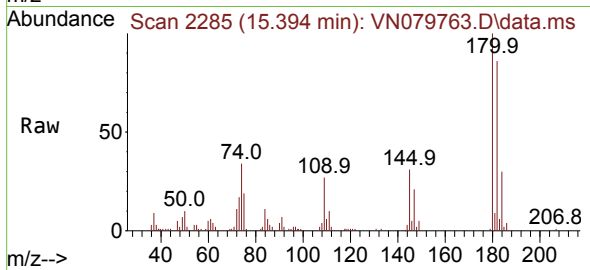
Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :



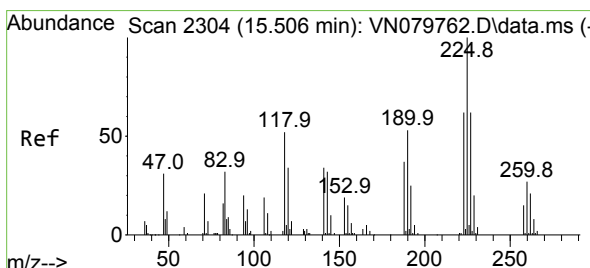
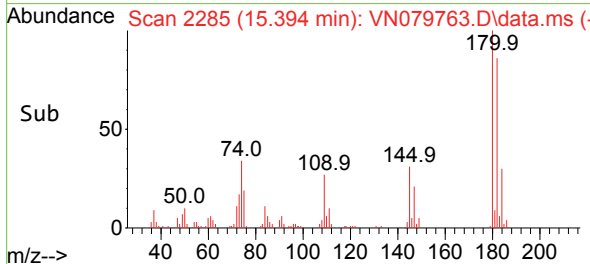
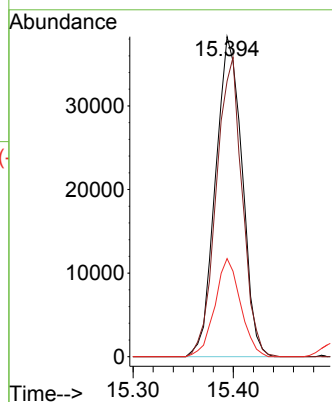
Tgt Ion:180 Resp: 70525

Ion Ratio Lower Upper

180 100

182 91.1 46.1 138.2

145 29.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 18.624 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

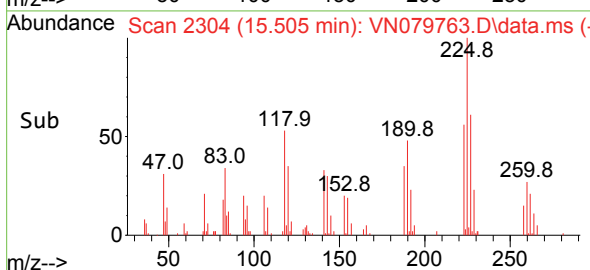
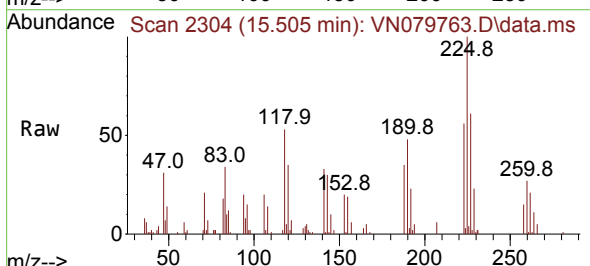
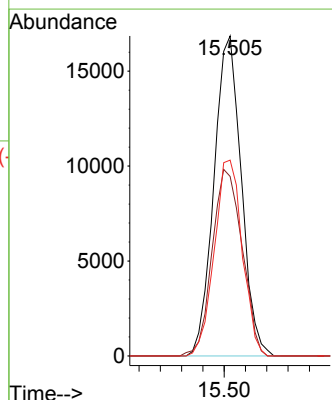
Tgt Ion:225 Resp: 30029

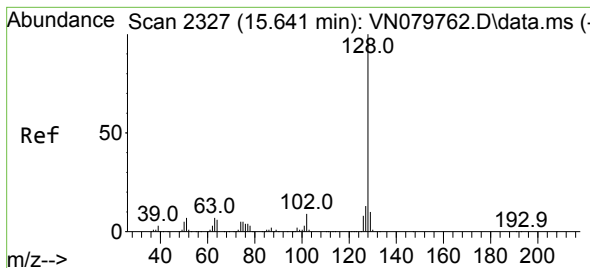
Ion Ratio Lower Upper

225 100

223 63.9 31.3 93.8

227 62.5 31.9 95.9





#95

Naphthalene

Concen: 19.727 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

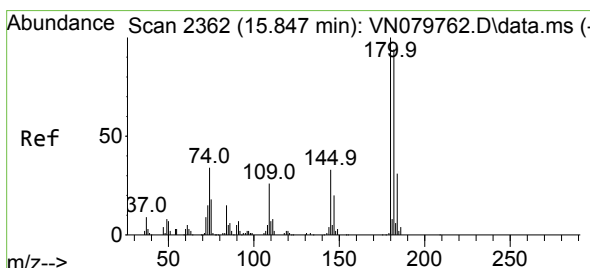
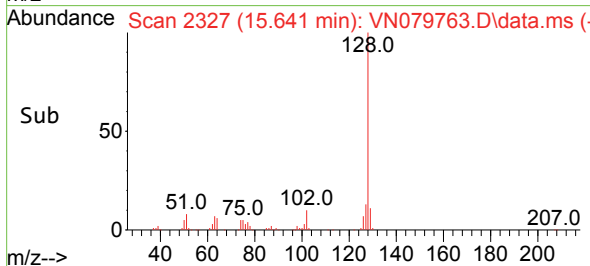
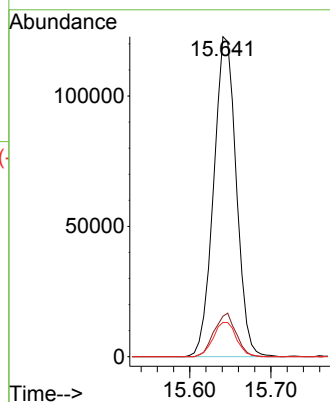
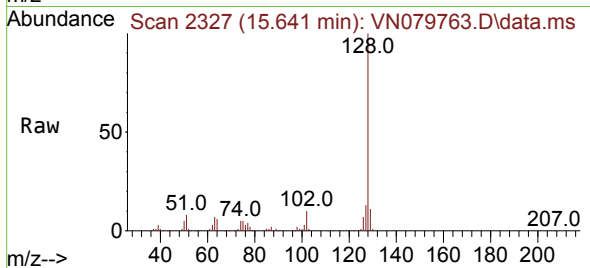
Tgt Ion:128 Resp: 237945

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.939 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079763.D

Acq: 01 Nov 2023 10:50

Tgt Ion:180 Resp: 69515

Ion Ratio Lower Upper

180 100

182 93.5 46.2 138.6

145 32.9 17.5 52.6

