

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079944.D
 Acq On : 07 Nov 2023 04:07
 Operator : JC\MD
 Sample : VN1106WBS03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 07 04:59:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	286644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	504718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	456766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207152	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	252000	57.704	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.400%	
35) Dibromofluoromethane	8.171	113	197466	55.279	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.560%	
50) Toluene-d8	10.571	98	704345	53.560	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.120%	
62) 4-Bromofluorobenzene	12.853	95	238316	54.642	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	72372	20.961	ug/l	99
3) Chloromethane	2.360	50	95960	21.495	ug/l	99
4) Vinyl Chloride	2.512	62	105287	23.296	ug/l	99
5) Bromomethane	2.954	94	54066	19.689	ug/l	100
6) Chloroethane	3.118	64	59295	16.604	ug/l	98
7) Trichlorofluoromethane	3.501	101	118919	21.155	ug/l	96
8) Diethyl Ether	3.959	74	43253	20.276	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.377	101	66036	20.265	ug/l	97
10) Methyl Iodide	4.583	142	73562	19.768	ug/l	99
11) Tert butyl alcohol	5.524	59	58846	105.557	ug/l	96
12) 1,1-Dichloroethene	4.342	96	63063	20.439	ug/l	84
13) Acrolein	4.183	56	37414	76.277	ug/l	95
14) Allyl chloride	5.024	41	109620	23.197	ug/l #	89
15) Acrylonitrile	5.718	53	199606	114.894	ug/l	99
16) Acetone	4.430	43	161533	105.302	ug/l	89
17) Carbon Disulfide	4.712	76	166138	18.668	ug/l	95
18) Methyl Acetate	5.030	43	175483	23.911	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	225853	21.261	ug/l #	88
20) Methylene Chloride	5.277	84	81360	21.020	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	70795	20.573	ug/l #	79
22) Diisopropyl ether	6.677	45	259451	23.691	ug/l #	88
23) Vinyl Acetate	6.606	43	604092	100.002	ug/l #	85
24) 1,1-Dichloroethane	6.577	63	153499	23.061	ug/l	95
25) 2-Butanone	7.489	43	250990	111.734	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	95146	17.284	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	86795	21.086	ug/l	88
28) Bromochloromethane	7.818	49	81159	25.019	ug/l #	75
29) Tetrahydrofuran	7.841	42	164887	112.822	ug/l #	77
30) Chloroform	7.971	83	157268	21.751	ug/l	98
31) Cyclohexane	8.259	56	115064	19.939	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	132942	22.566	ug/l	96
36) 1,1-Dichloropropene	8.377	75	105557	20.696	ug/l	94
37) Ethyl Acetate	7.565	43	110349	23.590	ug/l #	90
38) Carbon Tetrachloride	8.365	117	111737	21.737	ug/l	98
39) Methylcyclohexane	9.606	83	85318	17.774	ug/l #	83
40) Benzene	8.612	78	328995	21.536	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	60771	24.465	ug/l #	81
42) 1,2-Dichloroethane	8.671	62	126628	23.730	ug/l	97
43) Isopropyl Acetate	8.694	43	187319	22.834	ug/l #	89
44) Trichloroethene	9.359	130	76798	20.259	ug/l	99
45) 1,2-Dichloropropane	9.624	63	87212	22.339	ug/l	93
46) Dibromomethane	9.712	93	59403	22.284	ug/l	97
47) Bromodichloromethane	9.888	83	124045	21.819	ug/l	99
48) Methyl methacrylate	9.683	41	82598	22.987	ug/l #	79
49) 1,4-Dioxane	9.700	88	30579	481.626	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	546777	118.390	ug/l	90
52) Toluene	10.635	92	197848	21.846	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	115895	20.795	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	128696	21.185	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	83141	22.824	ug/l	95
56) Ethyl methacrylate	10.877	69	111312	21.423	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	144825	22.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	273809	103.970	ug/l	88
59) 2-Hexanone	11.200	43	391116	110.701	ug/l	86
60) Dibromochloromethane	11.359	129	86183	22.103	ug/l	99
61) 1,2-Dibromoethane	11.471	107	79698	21.798	ug/l	98
64) Tetrachloroethene	11.106	164	66018	22.316	ug/l	96
65) Chlorobenzene	11.894	112	202251	20.413	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	79787	22.350	ug/l	100
67) Ethyl Benzene	11.971	91	356903	20.675	ug/l	92
68) m/p-Xylenes	12.077	106	266841	41.496	ug/l	93
69) o-Xylene	12.400	106	127138	20.532	ug/l	90
70) Styrene	12.412	104	211454	21.248	ug/l	94
71) Bromoform	12.582	173	56859	22.431	ug/l #	99
73) Isopropylbenzene	12.700	105	313167	19.920	ug/l	100
74) N-amyl acetate	12.500	43	139451	20.321	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	124162	22.274	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	145682	29.955	ug/l	70
77) Bromobenzene	12.982	156	83437	21.677	ug/l	95
78) n-propylbenzene	13.041	91	372742	20.704	ug/l	97
79) 2-Chlorotoluene	13.129	91	241780	21.022	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	263968	21.580	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	34740	19.435	ug/l #	83
82) 4-Chlorotoluene	13.224	91	243124	21.273	ug/l	98
83) tert-Butylbenzene	13.441	119	202954	20.270	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	261951	21.767	ug/l	99
85) sec-Butylbenzene	13.618	105	283753	20.455	ug/l	98
86) p-Isopropyltoluene	13.735	119	224077	19.813	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	144187	20.137	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	142604	19.621	ug/l	98
89) n-Butylbenzene	14.059	91	177684	18.241	ug/l	97
90) Hexachloroethane	14.335	117	47853	21.365	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	141731	20.968	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21193	22.420	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	59691	18.572	ug/l	99
94) Hexachlorobutadiene	15.506	225	27978	19.203	ug/l	98
95) Naphthalene	15.647	128	178202	16.349	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	60449	19.187	ug/l	97

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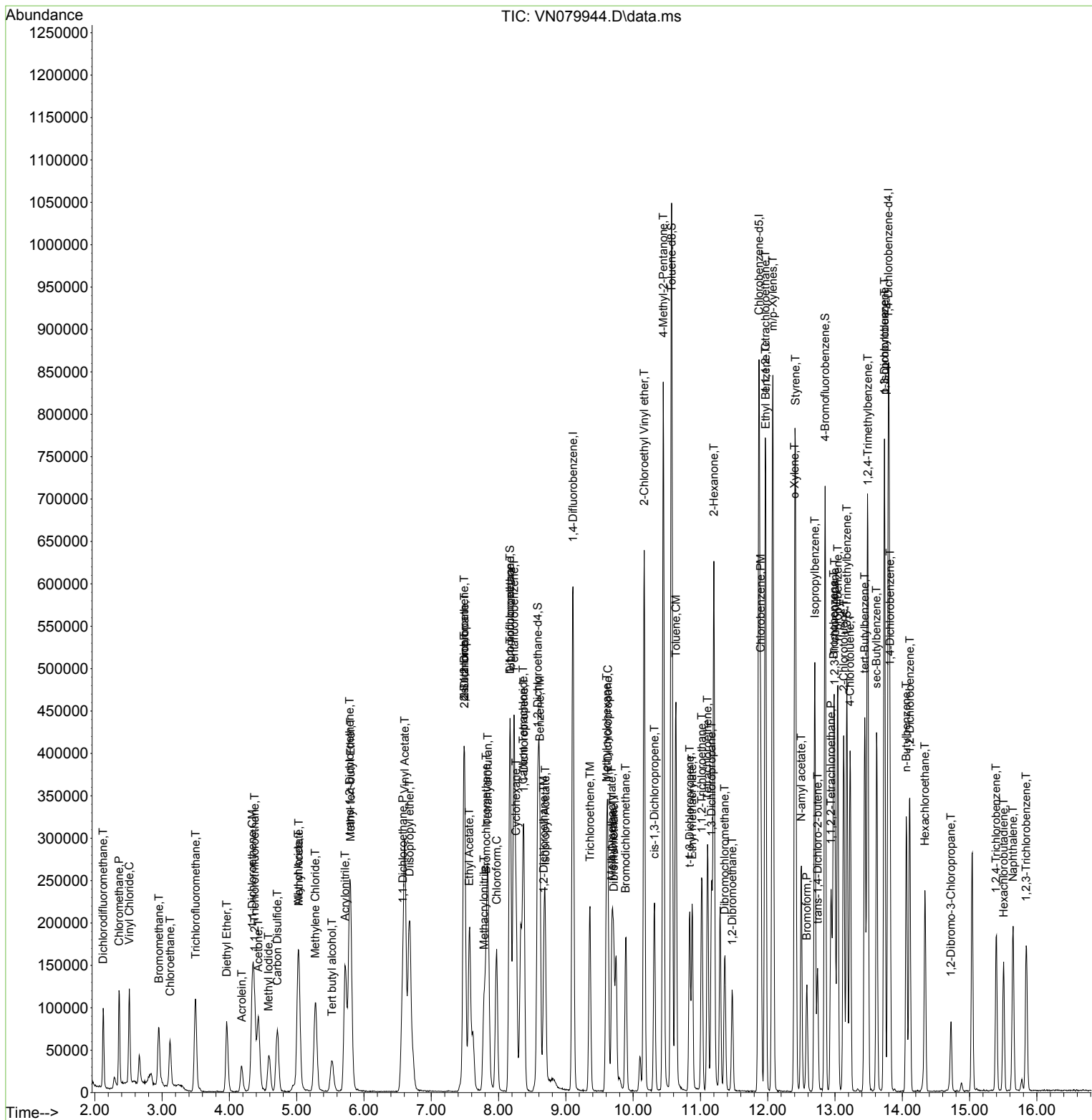
Instrument :
MSVOA_N
ClientSampleId :

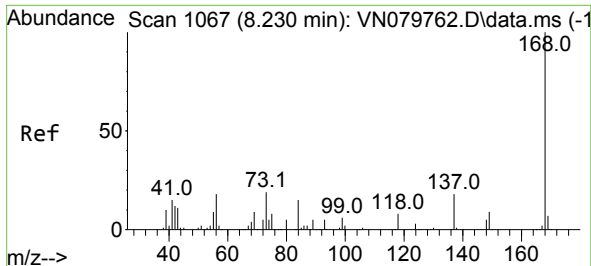
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

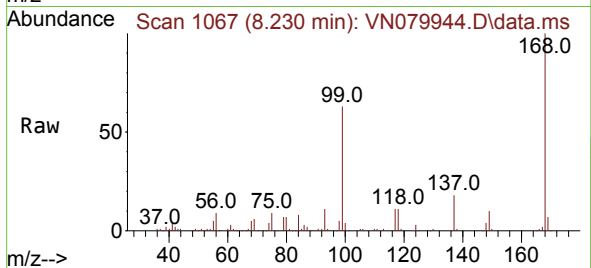
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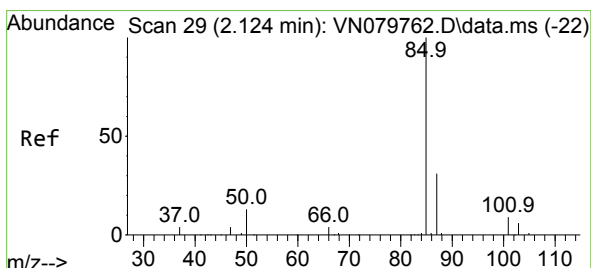
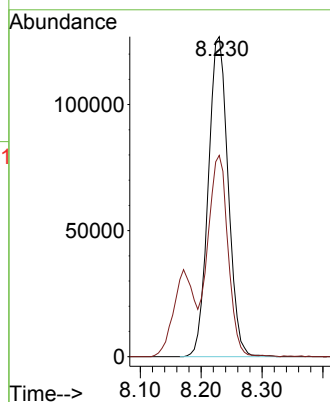
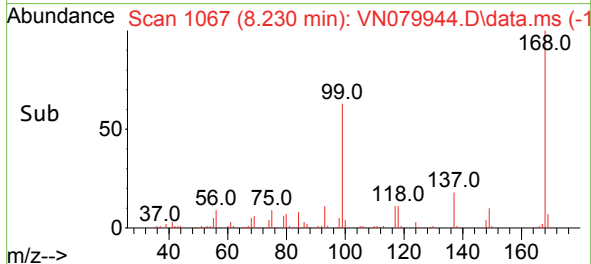


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
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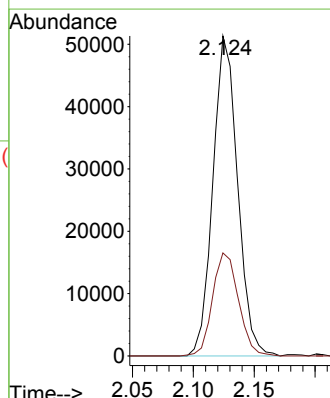
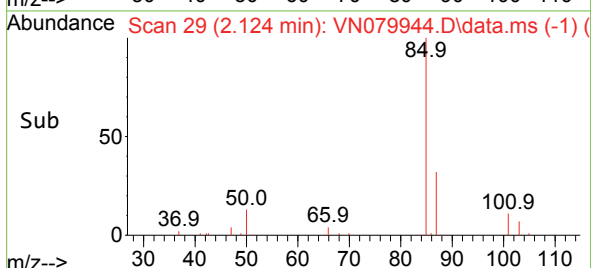
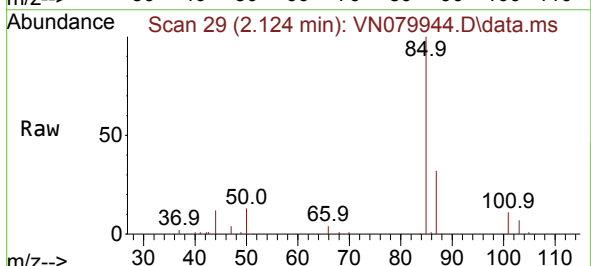


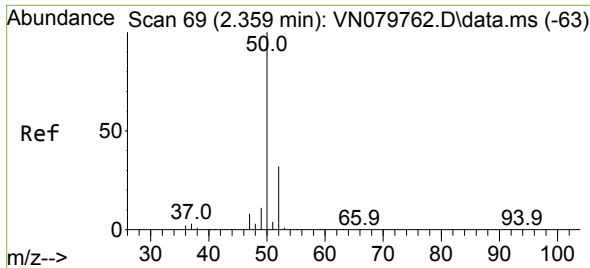
Tgt Ion:168 Resp: 286644
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 20.961 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 85 Resp: 72372
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4

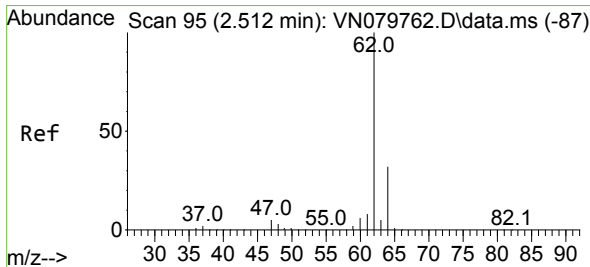
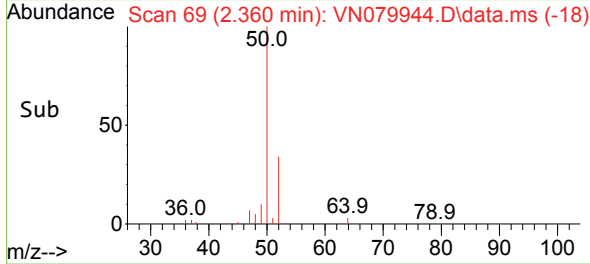
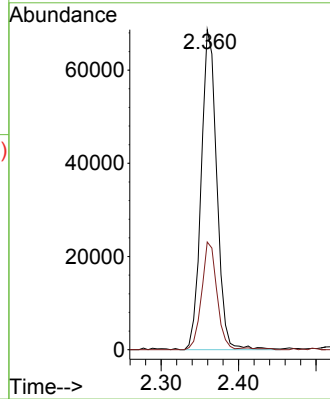
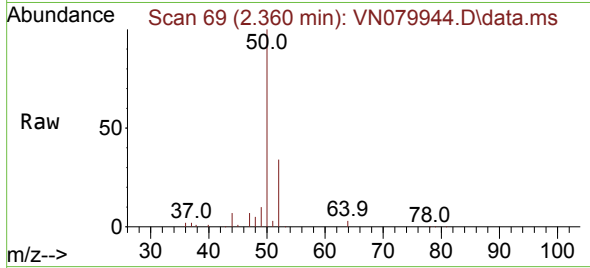




#3
Chloromethane
Concen: 21.495 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

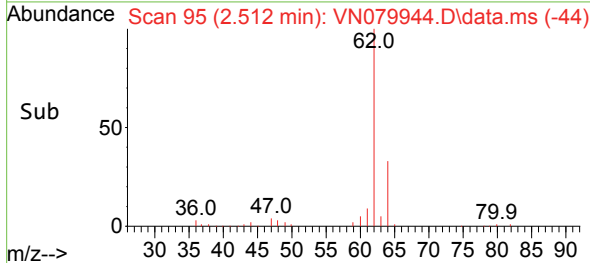
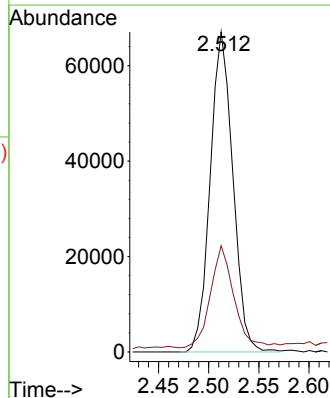
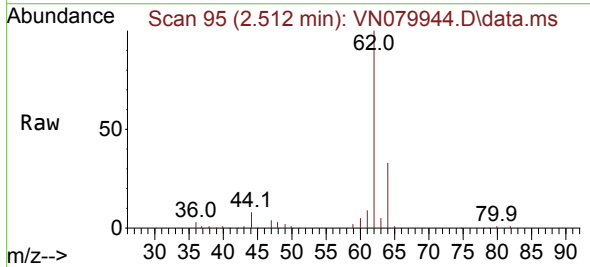
Instrument :
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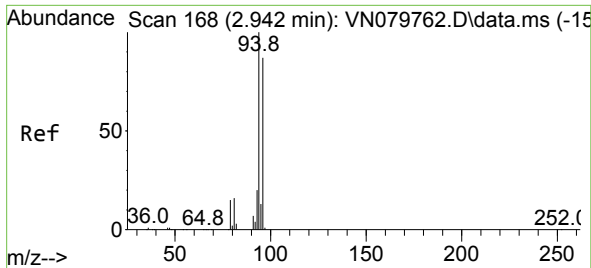
Tgt Ion: 50 Resp: 95960
Ion Ratio Lower Upper
50 100
52 33.7 26.5 39.7



#4
Vinyl Chloride
Concen: 23.296 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 62 Resp: 105287
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2

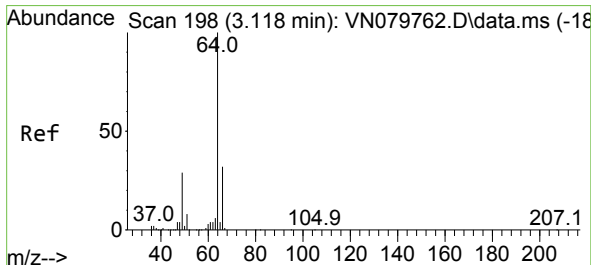
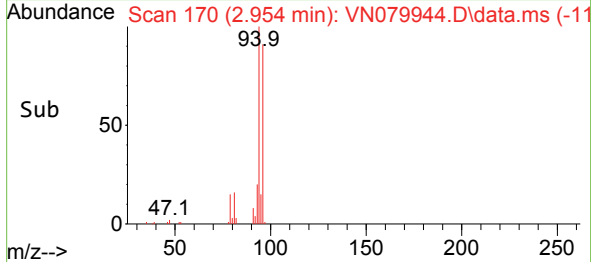
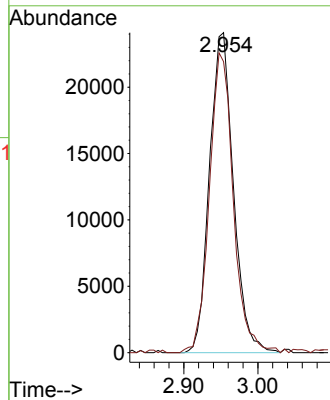
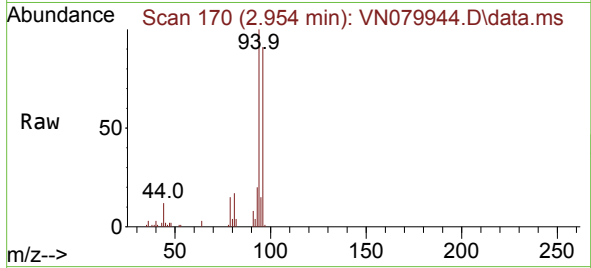




#5
Bromomethane
Concen: 19.689 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

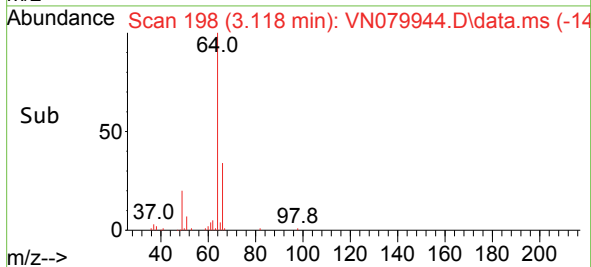
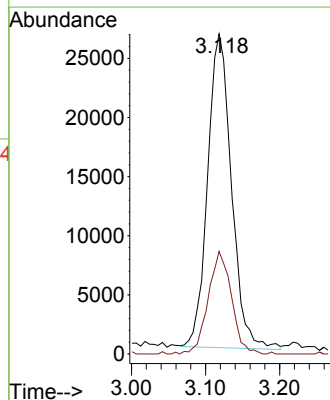
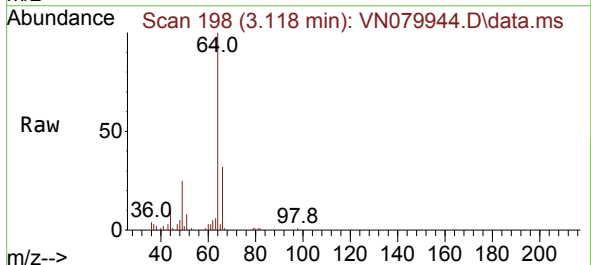
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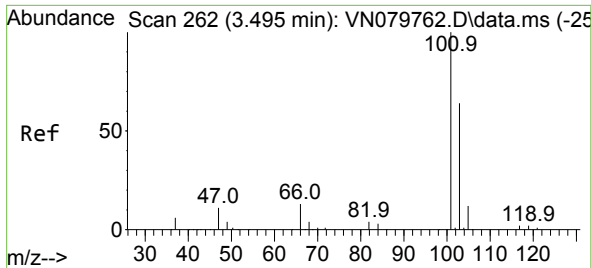
Tgt Ion: 94 Resp: 54066
Ion Ratio Lower Upper
94 100
96 90.9 73.1 109.7



#6
Chloroethane
Concen: 16.604 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 64 Resp: 59295
Ion Ratio Lower Upper
64 100
66 32.8 25.4 38.2

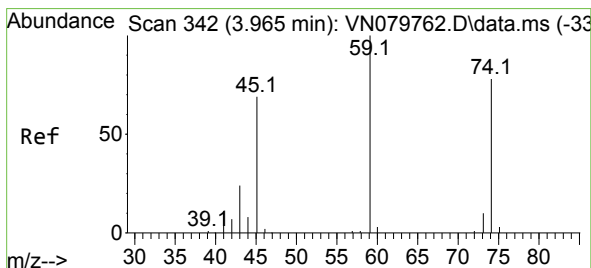
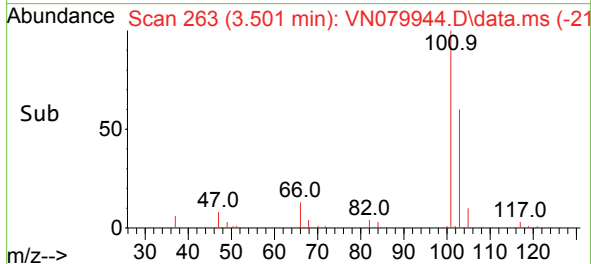
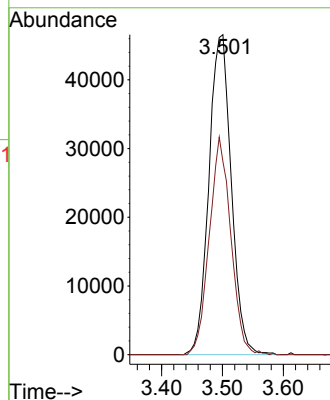
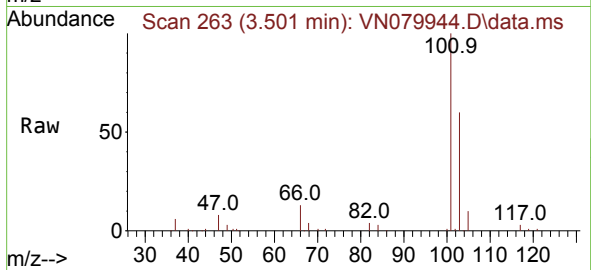




#7
Trichlorofluoromethane
Concen: 21.155 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

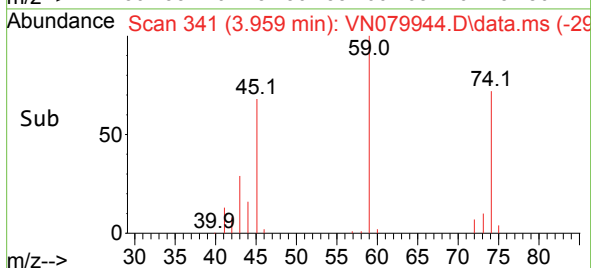
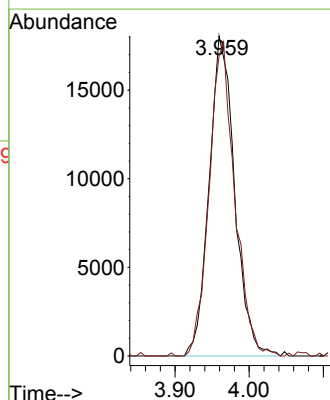
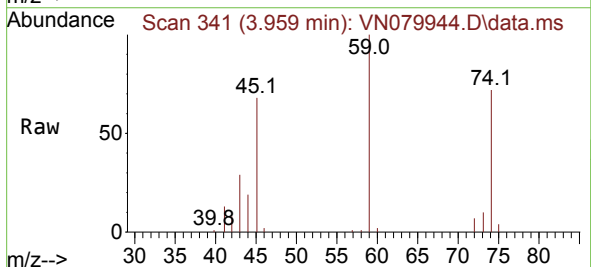
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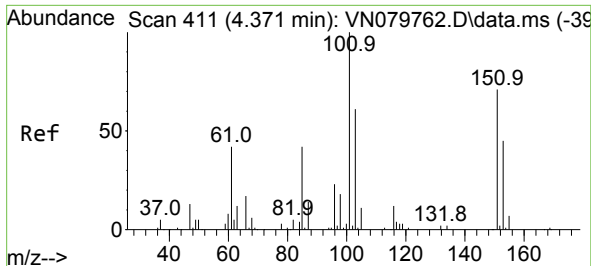
Tgt Ion:101 Resp: 118919
Ion Ratio Lower Upper
101 100
103 60.3 50.7 76.1



#8
Diethyl Ether
Concen: 20.276 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 74 Resp: 43253
Ion Ratio Lower Upper
74 100
45 98.3 34.4 103.3

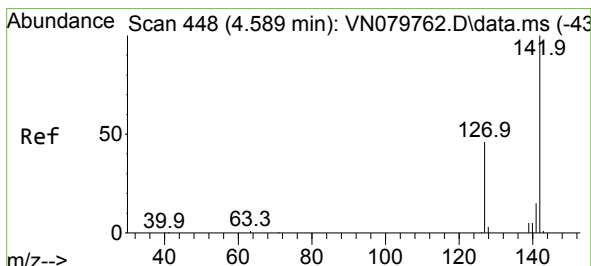
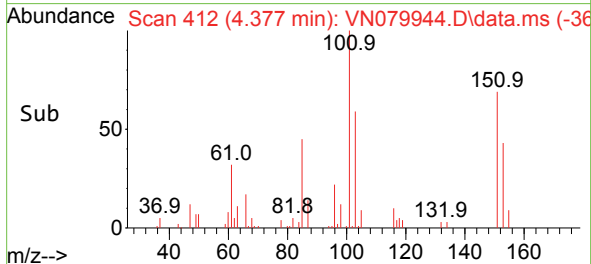
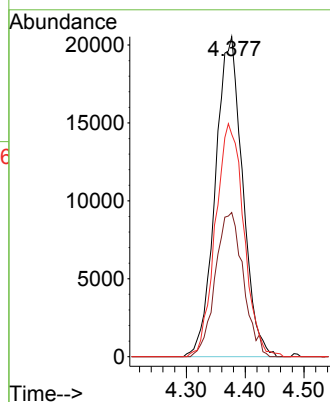
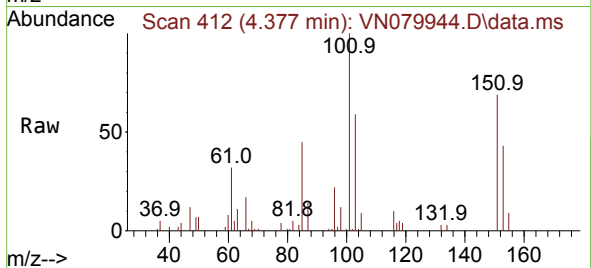




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.265 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

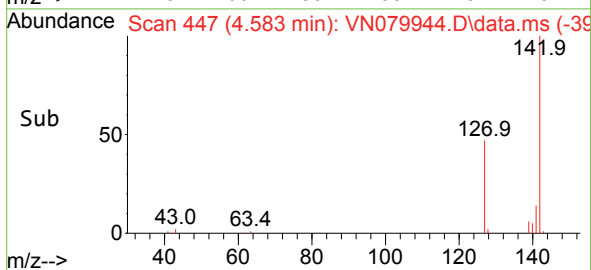
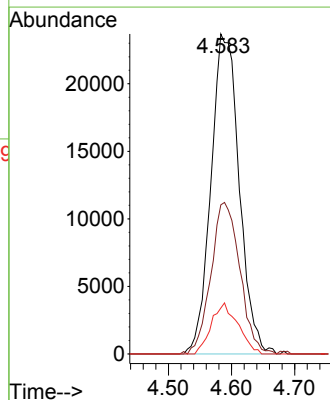
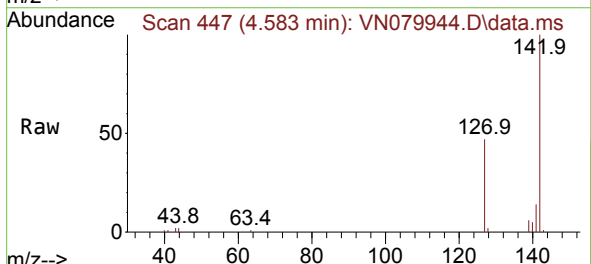
Instrument :
MSVOA_N
ClientSampleId :

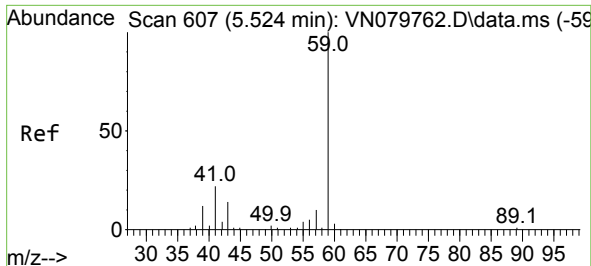
Tgt Ion:101 Resp: 66036
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 76.0 57.6 86.4



#10
Methyl Iodide
Concen: 19.768 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion:142 Resp: 73562
Ion Ratio Lower Upper
142 100
127 46.6 37.6 56.4
141 14.3 11.4 17.0

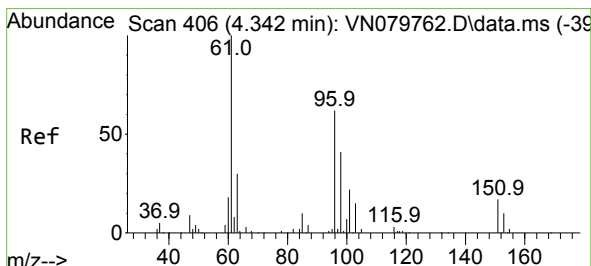
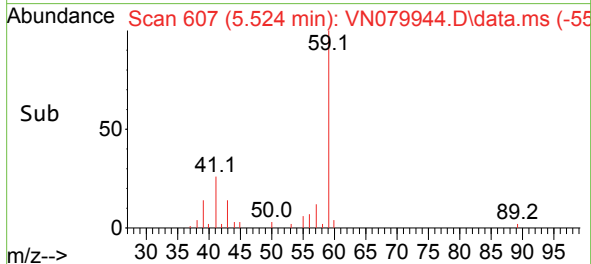
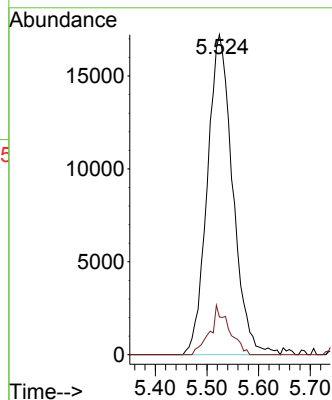
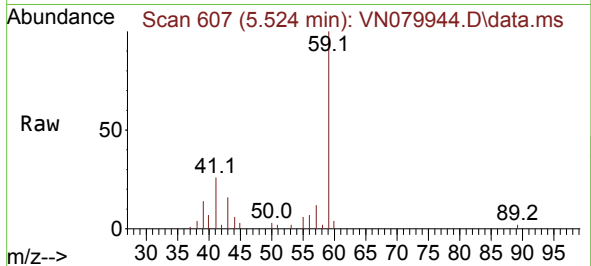




#11
Tert butyl alcohol
Concen: 105.557 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

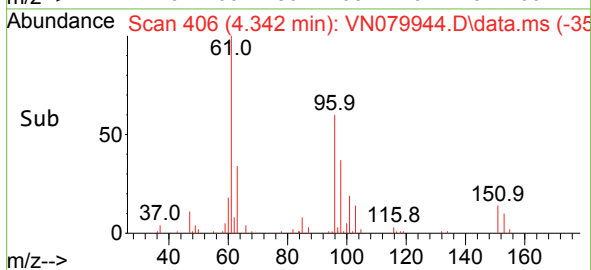
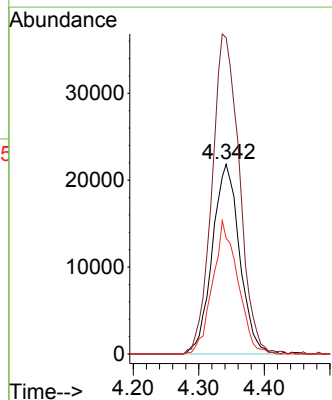
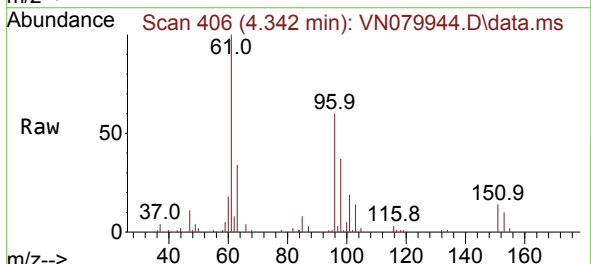
Instrument :
MSVOA_N
ClientSampleId :

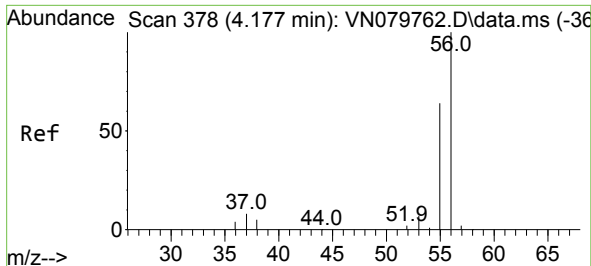
Tgt Ion: 59 Resp: 58846
Ion Ratio Lower Upper
59 100
57 11.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.439 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 96 Resp: 63063
Ion Ratio Lower Upper
96 100
61 166.7 112.7 169.1
98 61.1 51.2 76.8





#13

Acrolein

Concen: 76.277 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

Instrument :

MSVOA_N

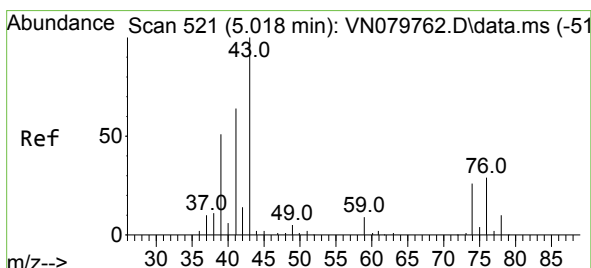
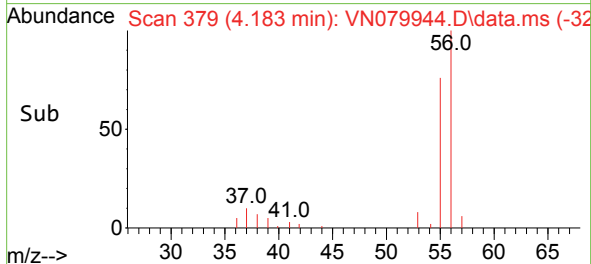
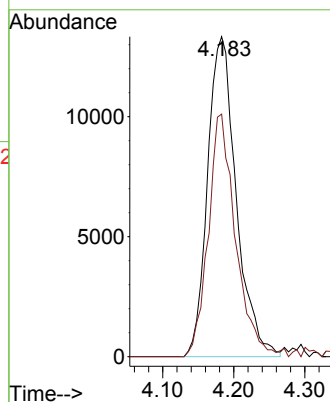
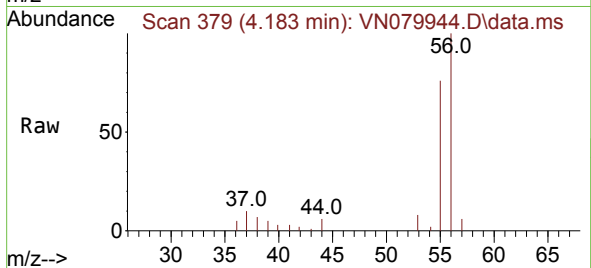
ClientSampleId :

Tgt Ion: 56 Resp: 37414

Ion Ratio Lower Upper

56 100

55 72.1 54.5 81.7



#14

Allyl chloride

Concen: 23.197 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

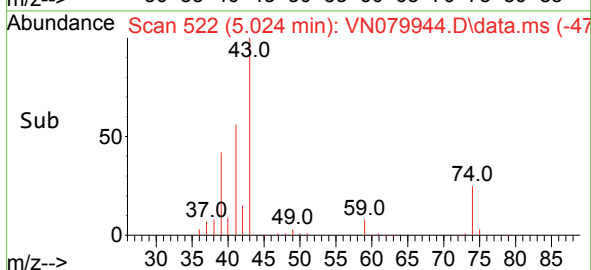
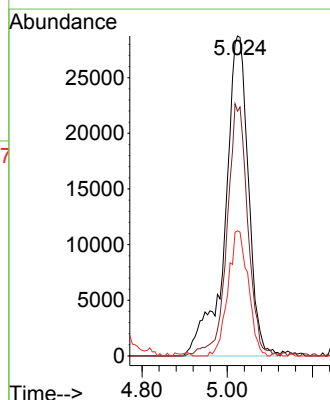
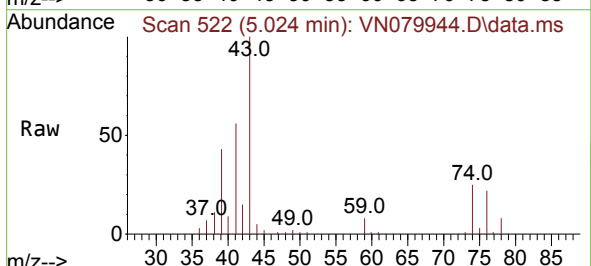
Tgt Ion: 41 Resp: 109620

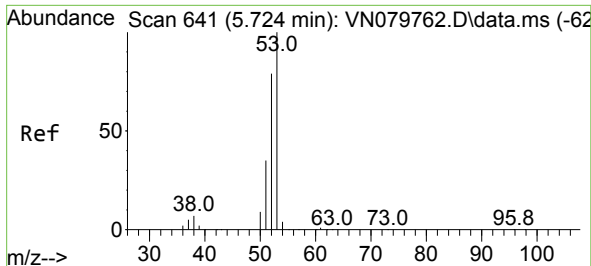
Ion Ratio Lower Upper

41 100

39 69.9 58.8 88.2

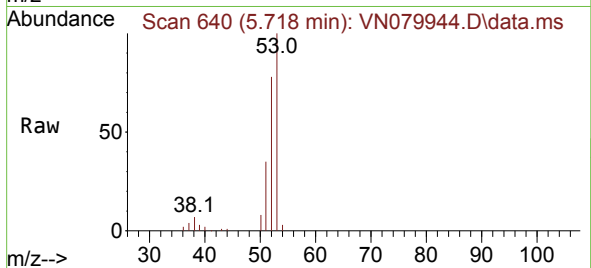
76 33.9 39.1 58.7#



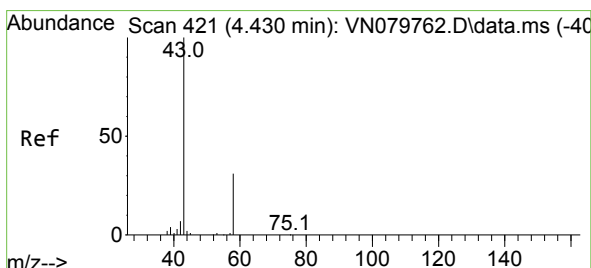
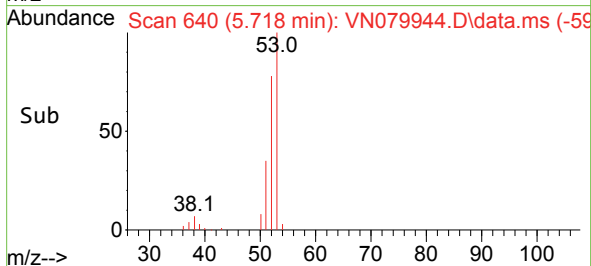
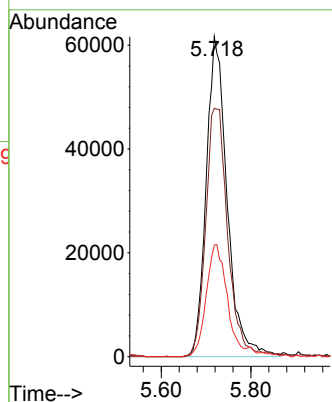


#15
Acrylonitrile
Concen: 114.894 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Instrument :
MSVOA_N
ClientSampleId :

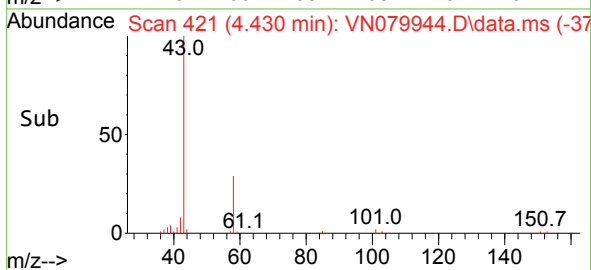
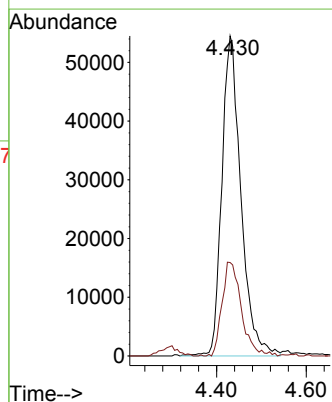
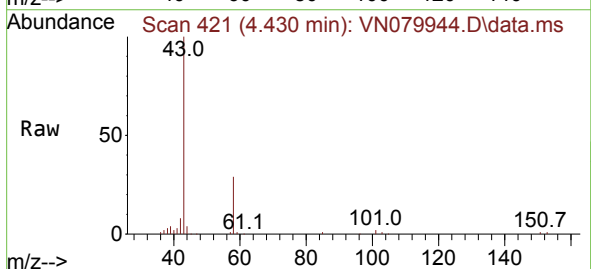


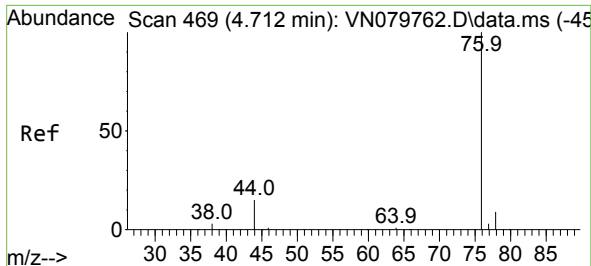
Tgt Ion: 53 Resp: 199606
Ion Ratio Lower Upper
53 100
52 81.2 65.3 97.9
51 34.8 28.9 43.3



#16
Acetone
Concen: 105.302 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

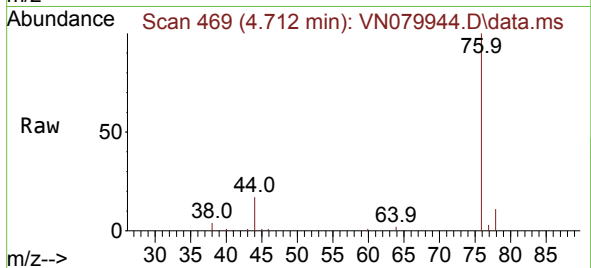
Tgt Ion: 43 Resp: 161533
Ion Ratio Lower Upper
43 100
58 28.9 28.0 42.0



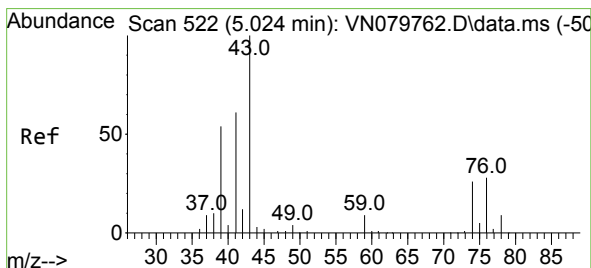
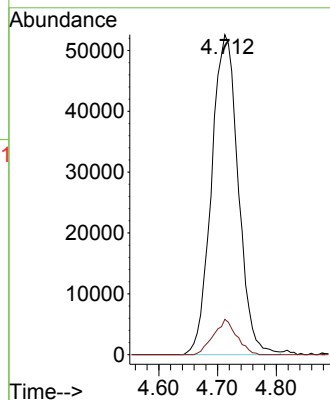
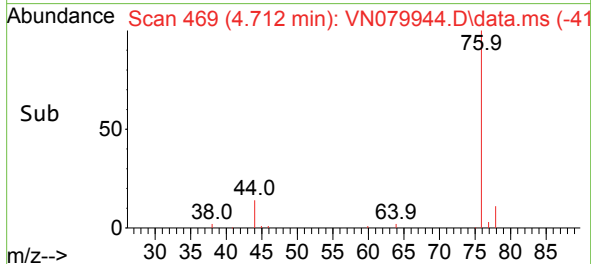


#17
Carbon Disulfide
Concen: 18.668 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Instrument :
MSVOA_N
ClientSampleId :

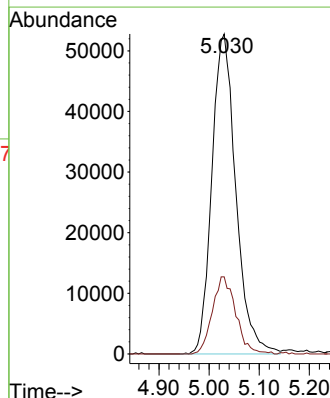
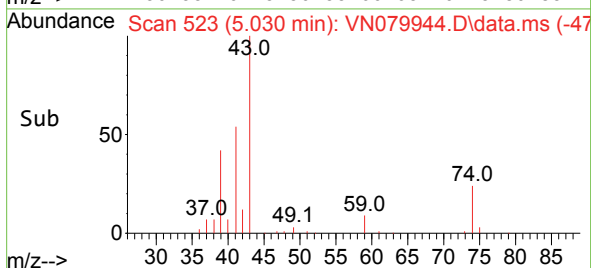
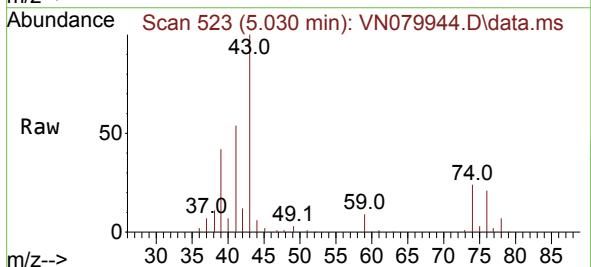


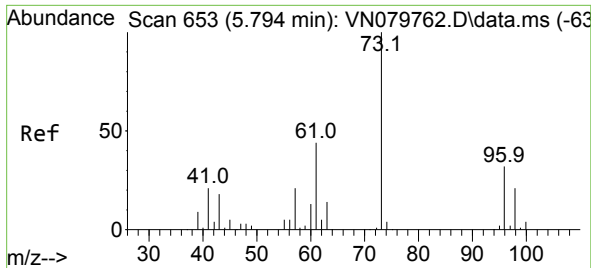
Tgt Ion: 76 Resp: 166138
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0



#18
Methyl Acetate
Concen: 23.911 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 43 Resp: 175483
Ion Ratio Lower Upper
43 100
74 23.5 26.2 39.4#

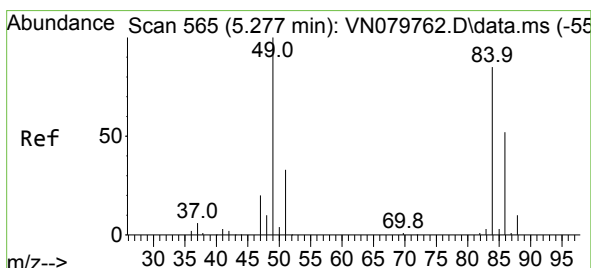
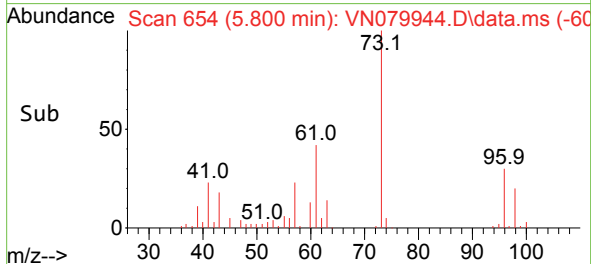
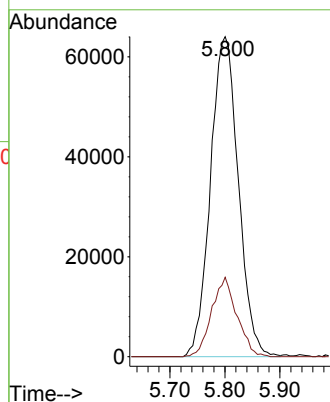
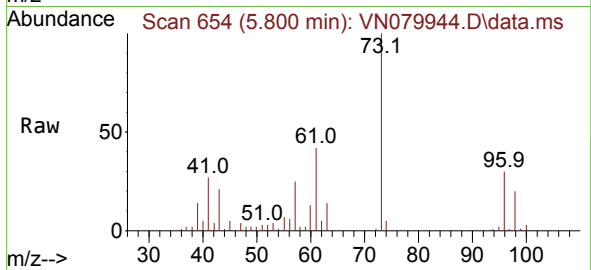




#19
Methyl tert-butyl Ether
Concen: 21.261 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

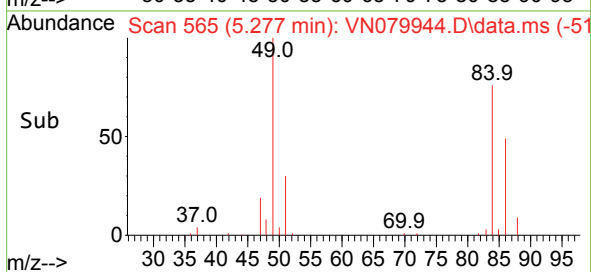
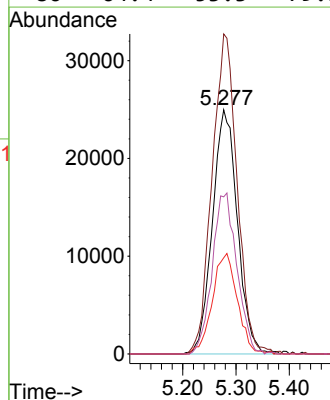
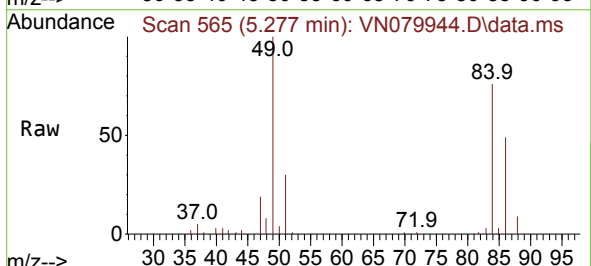
Instrument :
MSVOA_N
ClientSampleId :

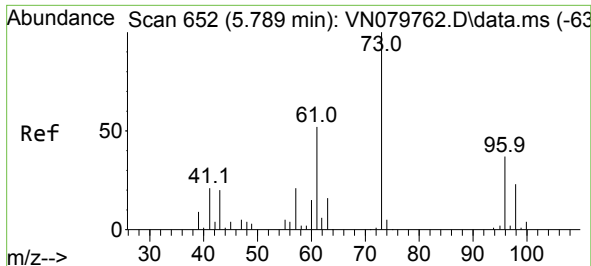
Tgt Ion: 73 Resp: 225853
Ion Ratio Lower Upper
73 100
57 24.8 15.6 23.4#



#20
Methylene Chloride
Concen: 21.020 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 84 Resp: 81360
Ion Ratio Lower Upper
84 100
49 131.1 79.7 119.5#
51 39.4 25.2 37.8#
86 64.4 53.3 79.9

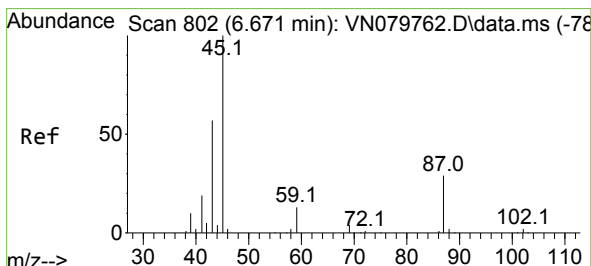
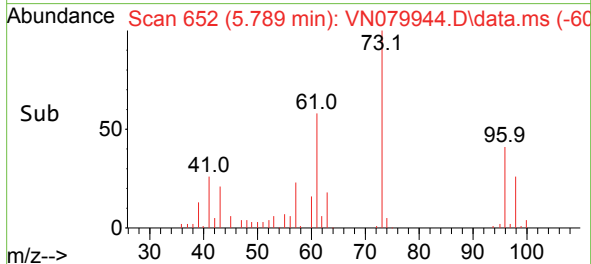
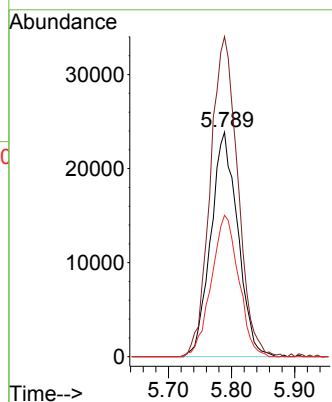
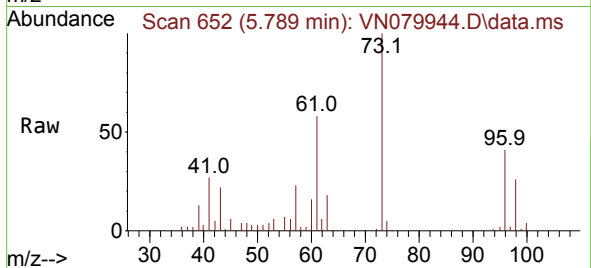




#21
trans-1,2-Dichloroethene
Concen: 20.573 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

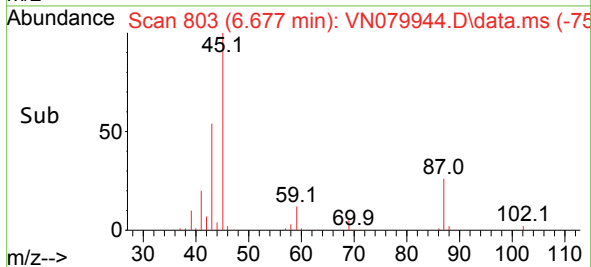
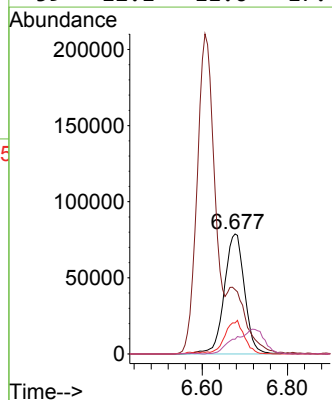
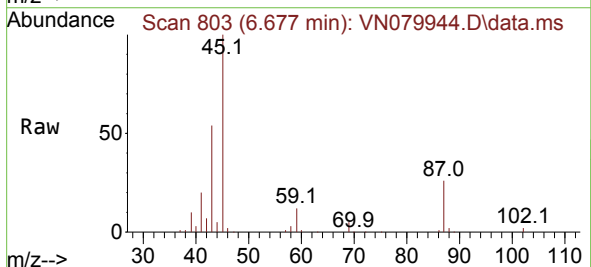
Instrument :
MSVOA_N
ClientSampleId :

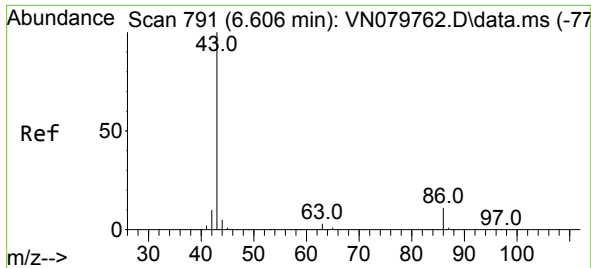
Tgt Ion: 96 Resp: 70795
Ion Ratio Lower Upper
96 100
61 142.5 90.1 135.1#
98 63.0 46.4 69.6



#22
Diisopropyl ether
Concen: 23.691 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 45 Resp: 259451
Ion Ratio Lower Upper
45 100
43 52.6 45.5 68.3
87 25.9 31.8 47.8#
59 12.1 11.6 17.4

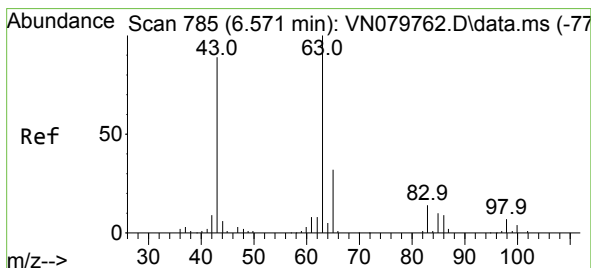
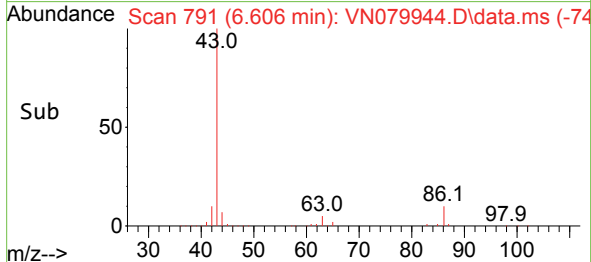
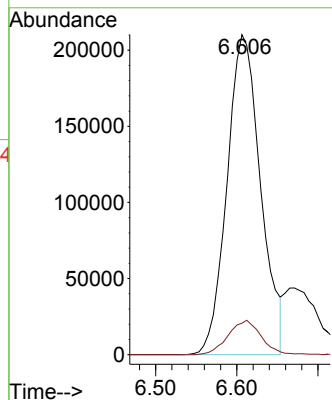
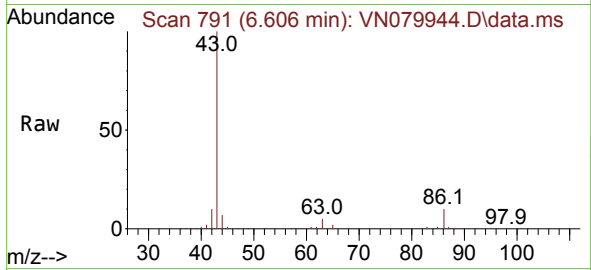




#23
 Vinyl Acetate
 Concen: 100.002 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079944.D
 Acq: 07 Nov 2023 04:07

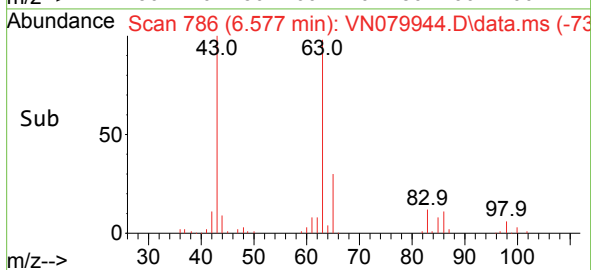
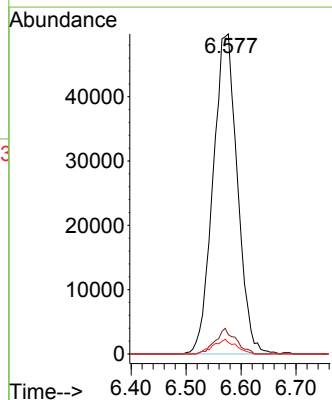
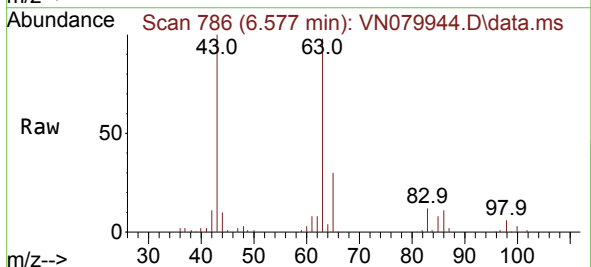
Instrument :
 MSVOA_N
 ClientSampleId :

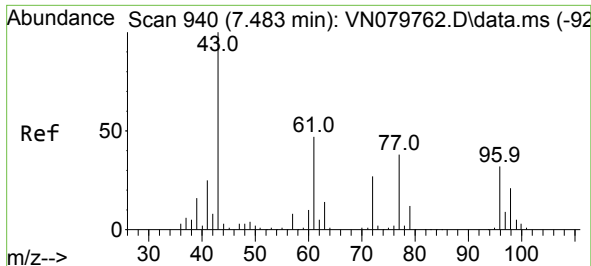
Tgt Ion: 43 Resp: 604092
 Ion Ratio Lower Upper
 43 100
 86 9.9 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 23.061 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN079944.D
 Acq: 07 Nov 2023 04:07

Tgt Ion: 63 Resp: 153499
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.9 11.7
 100 3.6 2.5 7.4

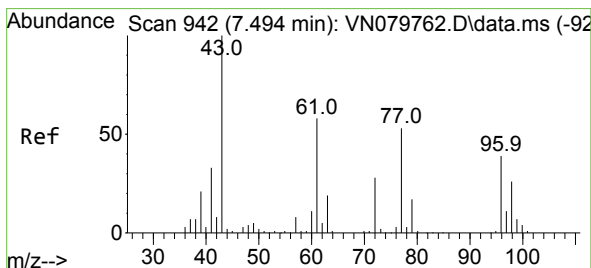
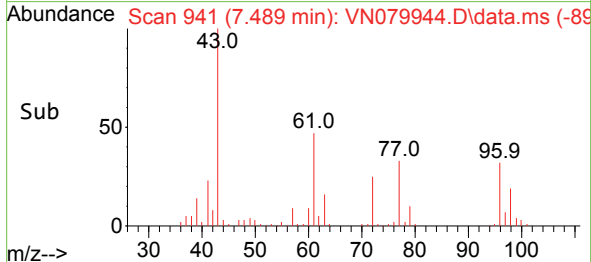
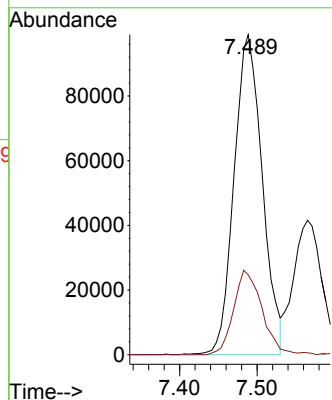
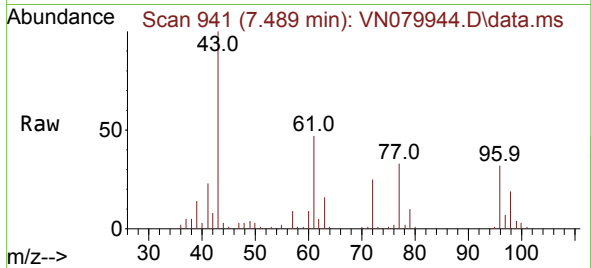




#25
2-Butanone
Concen: 111.734 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

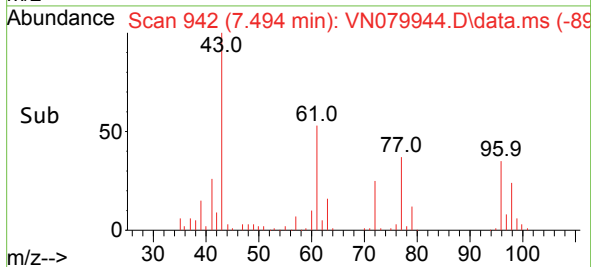
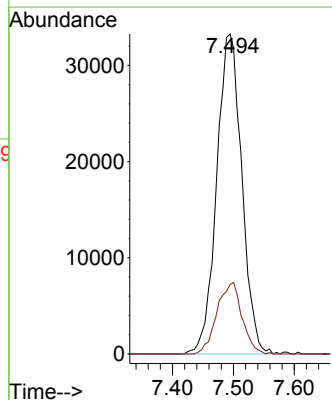
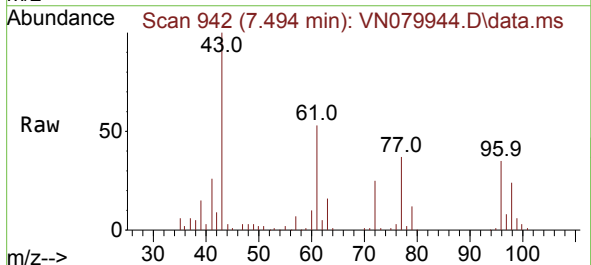
Instrument :
MSVOA_N
ClientSampleId :

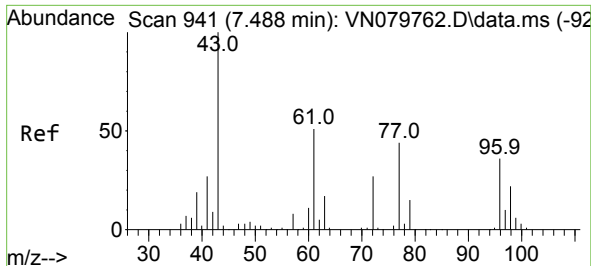
Tgt Ion: 43 Resp: 250990
Ion Ratio Lower Upper
43 100
72 24.9 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 17.284 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 77 Resp: 95146
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.6

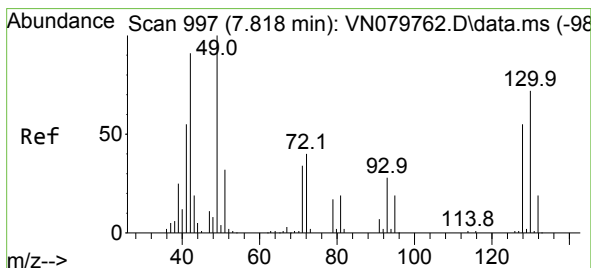
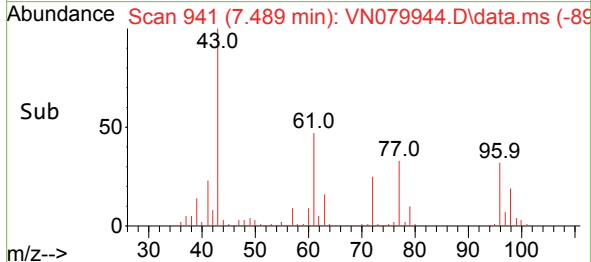
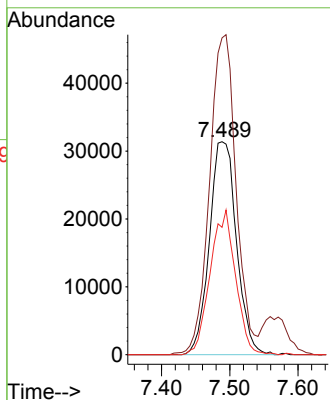
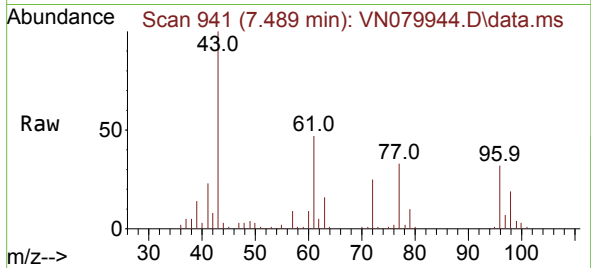




#27
 cis-1,2-Dichloroethene
 Concen: 21.086 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079944.D
 Acq: 07 Nov 2023 04:07

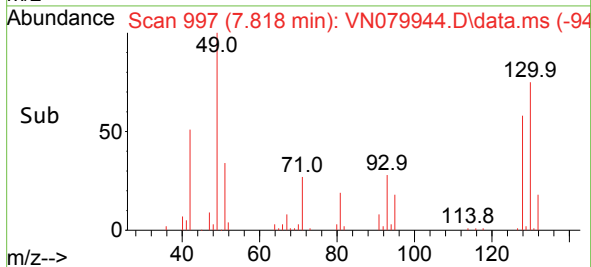
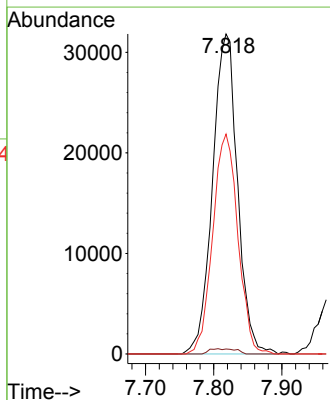
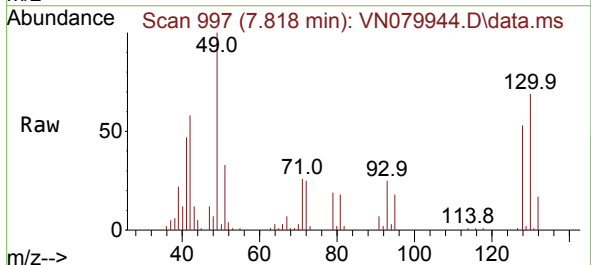
Instrument :
 MSVOA_N
 ClientSampleId :

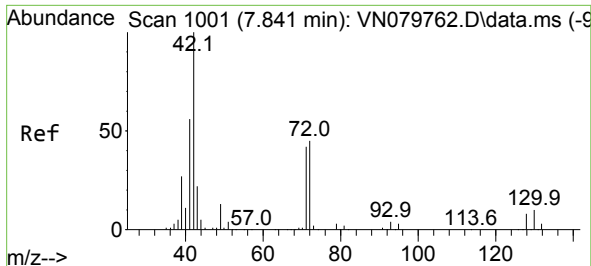
Tgt Ion: 96 Resp: 86795
 Ion Ratio Lower Upper
 96 100
 61 147.7 0.0 255.2
 98 63.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 25.019 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079944.D
 Acq: 07 Nov 2023 04:07

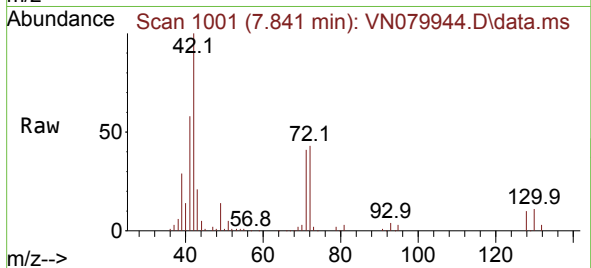
Tgt Ion: 49 Resp: 81159
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 69.2 75.3 112.9#



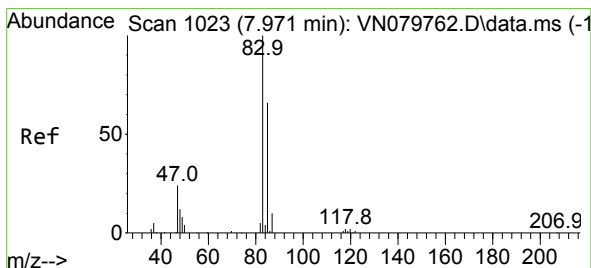
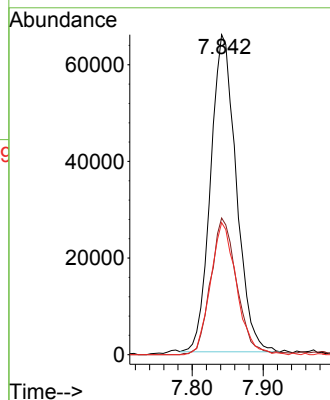
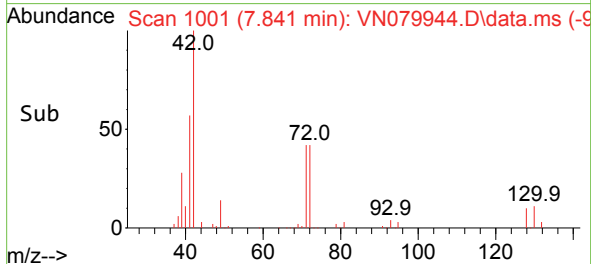


#29
Tetrahydrofuran
Concen: 112.822 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Instrument :
MSVOA_N
ClientSampleId :

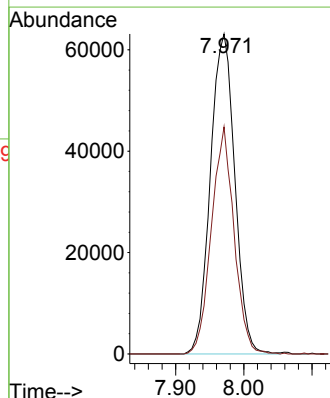
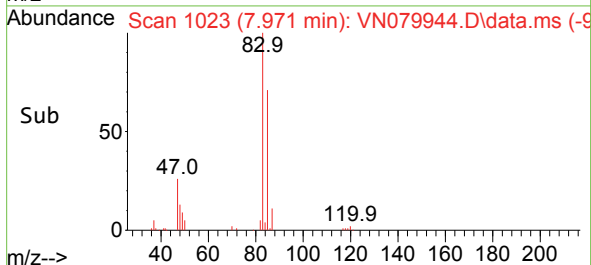
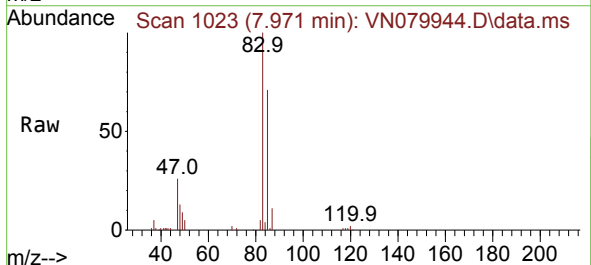


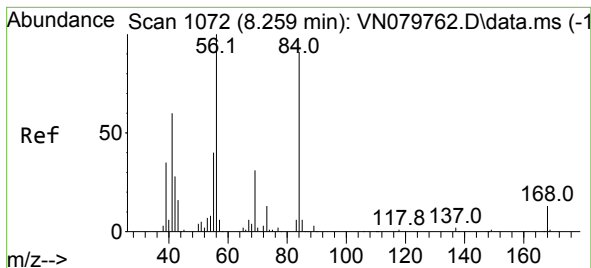
Tgt Ion: 42 Resp: 164887
Ion Ratio Lower Upper
42 100
72 44.0 49.8 74.6#
71 42.3 47.4 71.2#



#30
Chloroform
Concen: 21.751 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 83 Resp: 157268
Ion Ratio Lower Upper
83 100
85 70.9 55.4 83.0





#31

Cyclohexane

Concen: 19.939 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

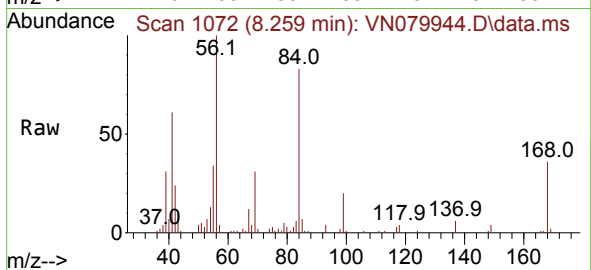
Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

Instrument :

MSVOA_N

ClientSampleId :



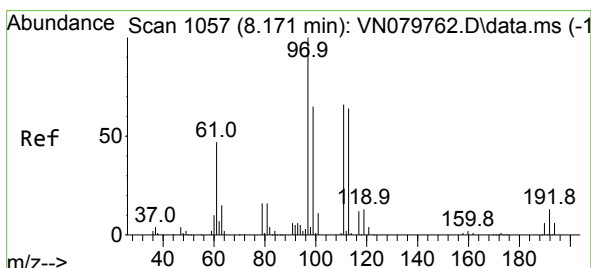
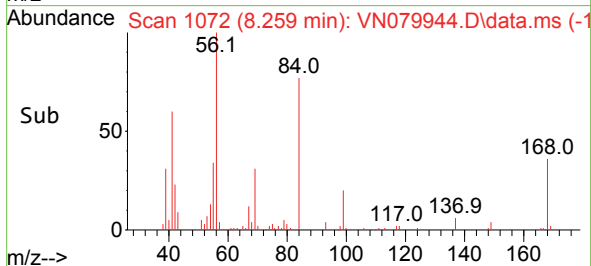
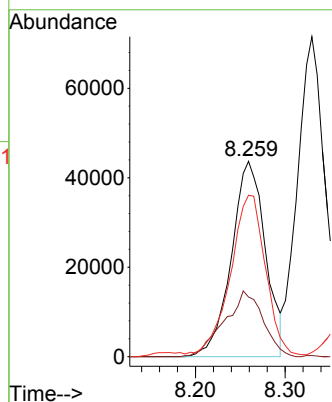
Tgt Ion: 56 Resp: 115064

Ion Ratio Lower Upper

56 100

69 30.6 26.8 40.2

84 80.5 81.8 122.6#



#32

1,1,1-Trichloroethane

Concen: 22.566 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

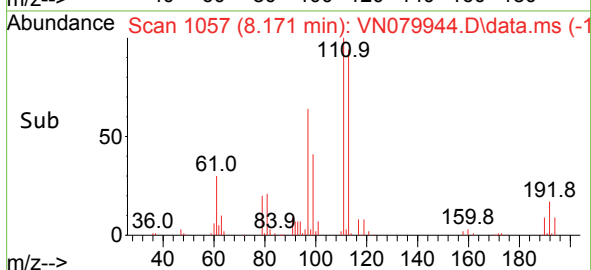
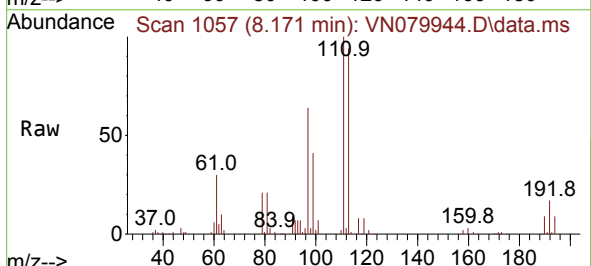
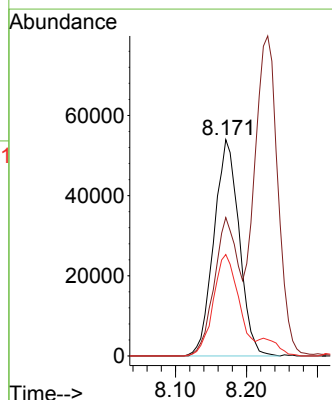
Tgt Ion: 97 Resp: 132942

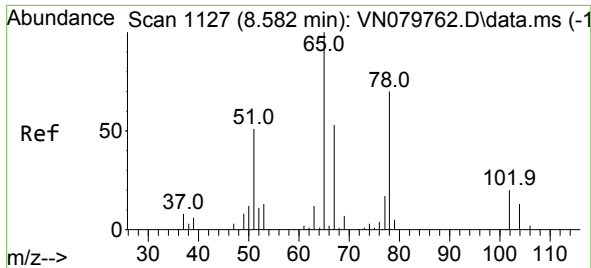
Ion Ratio Lower Upper

97 100

99 60.7 50.3 75.5

61 47.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 57.704 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

Instrument :

MSVOA_N

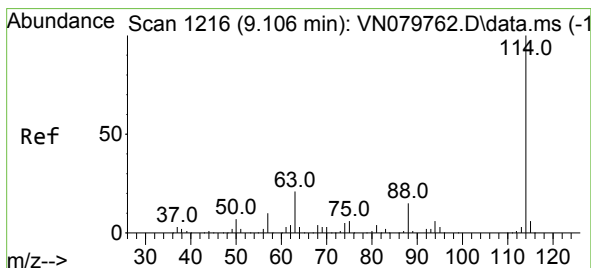
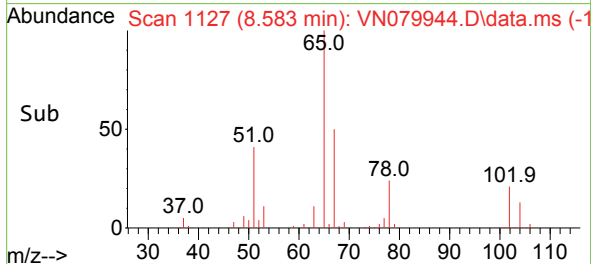
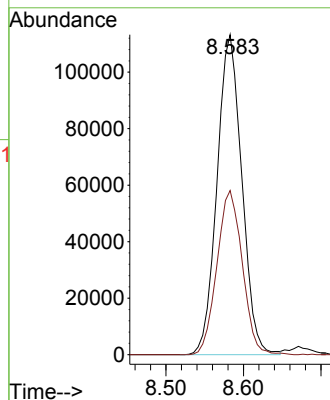
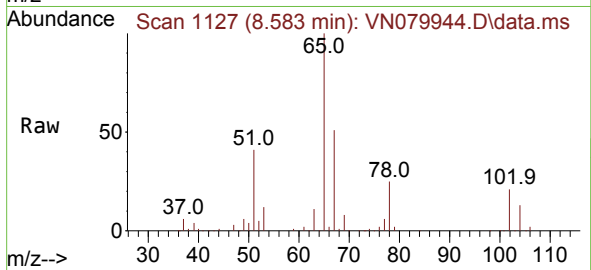
ClientSampleId :

Tgt Ion: 65 Resp: 252000

Ion Ratio Lower Upper

65 100

67 52.4 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: VN079944.D

Acq: 07 Nov 2023 04:07

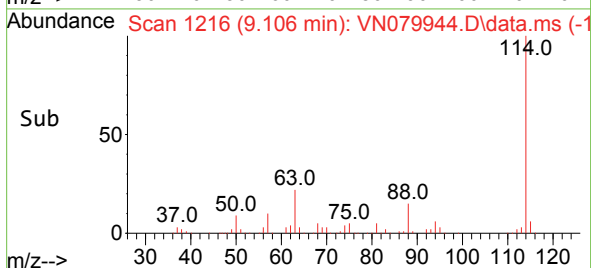
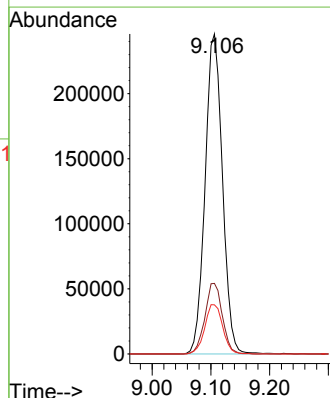
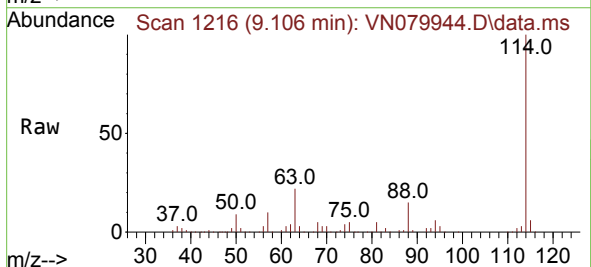
Tgt Ion: 114 Resp: 504718

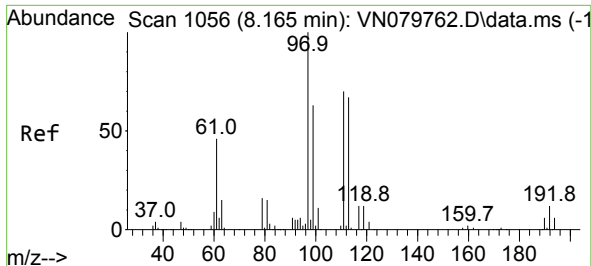
Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

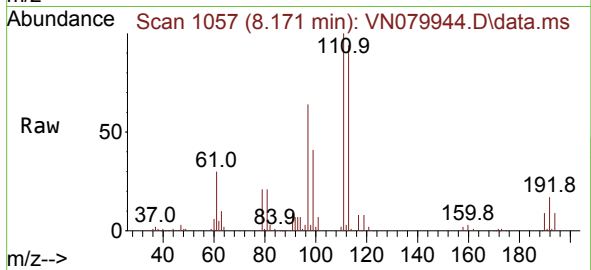
88 15.4 0.0 30.6



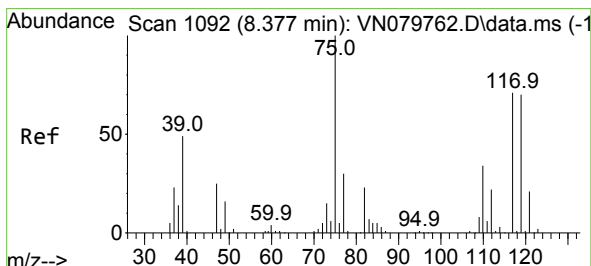
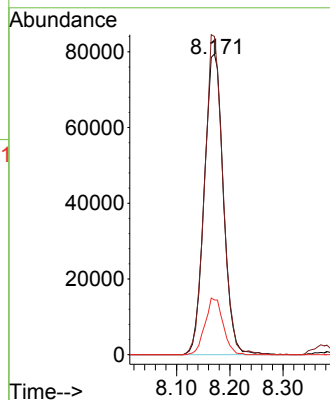
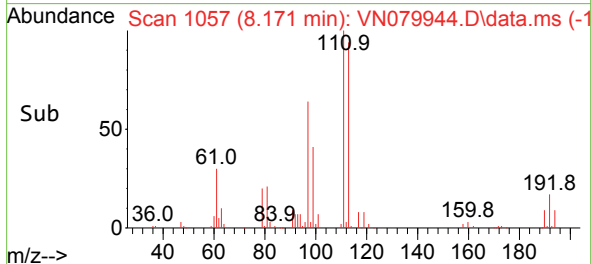


#35
Dibromofluoromethane
Concen: 55.279 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Instrument :
MSVOA_N
ClientSampleId :

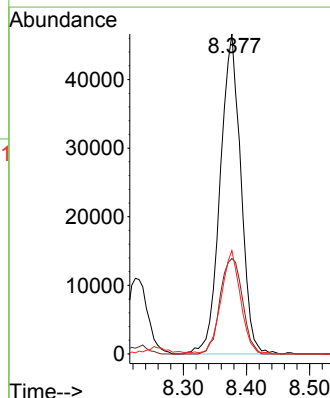
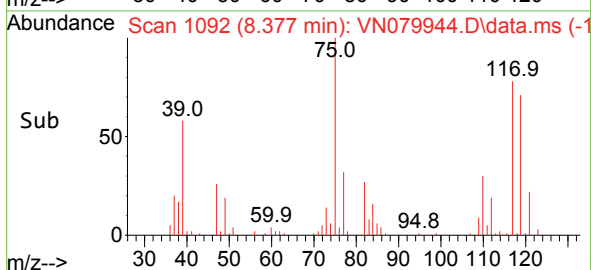
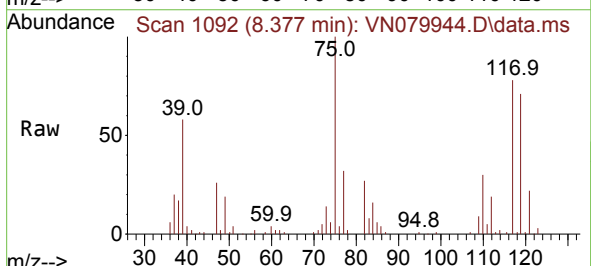


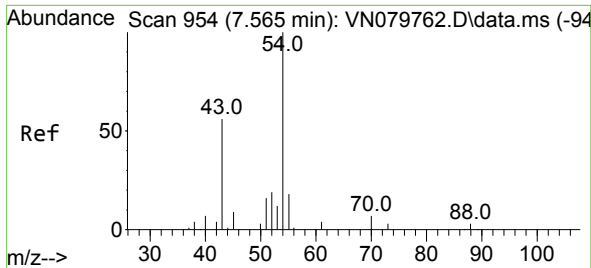
Tgt Ion:113 Resp: 197466
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 17.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 20.696 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 75 Resp: 105557
Ion Ratio Lower Upper
75 100
110 32.4 19.1 57.3
77 30.6 25.0 37.4

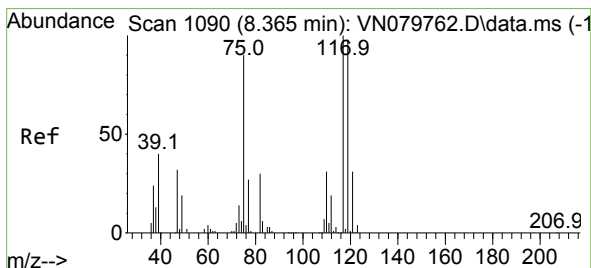
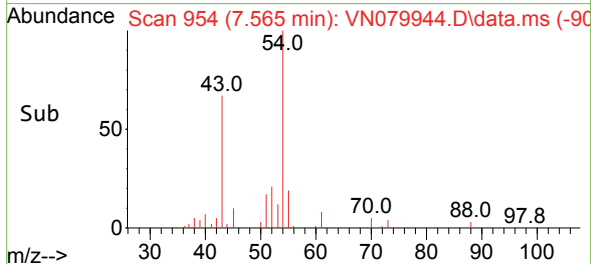
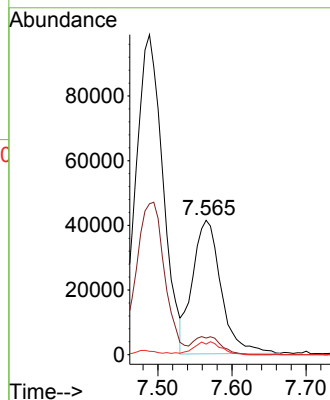
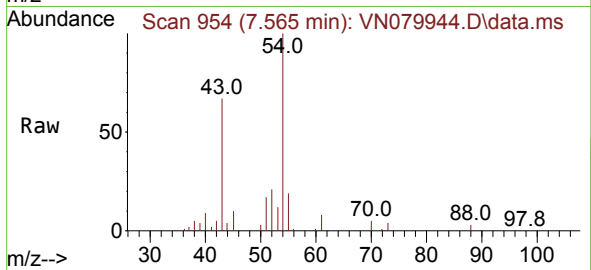




#37
Ethyl Acetate
Concen: 23.590 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

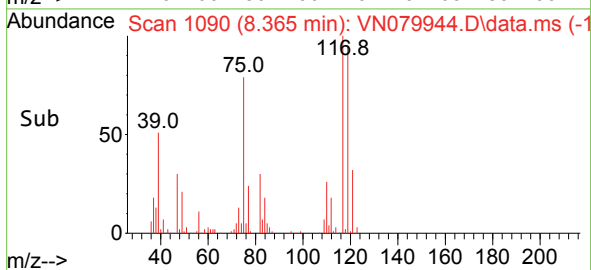
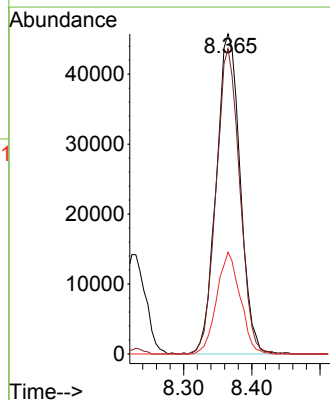
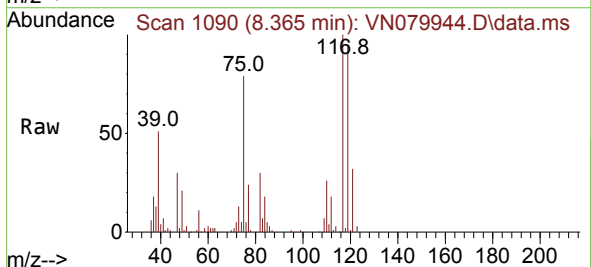
Instrument :
MSVOA_N
ClientSampleId :

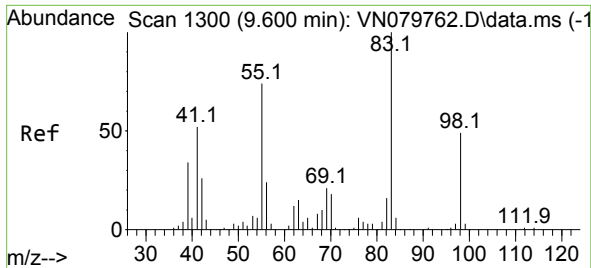
Tgt Ion: 43 Resp: 110349
Ion Ratio Lower Upper
43 100
61 12.8 13.2 19.8#
70 9.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 21.737 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 117 Resp: 111737
Ion Ratio Lower Upper
117 100
119 95.4 77.3 115.9
121 31.8 23.3 34.9

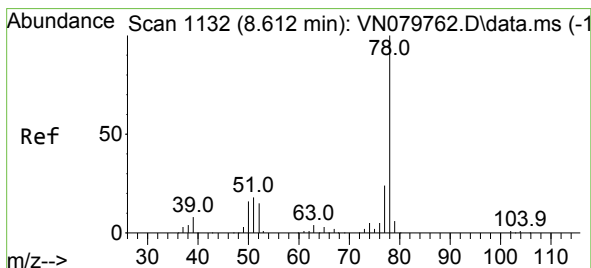
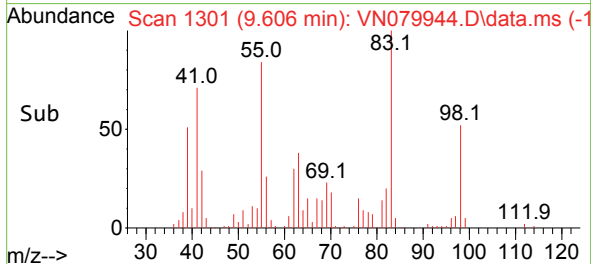
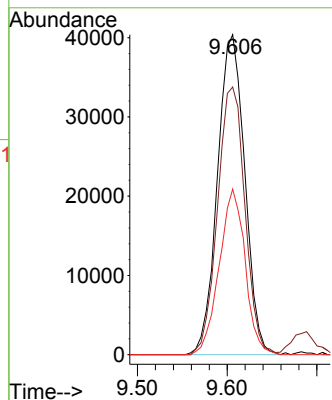
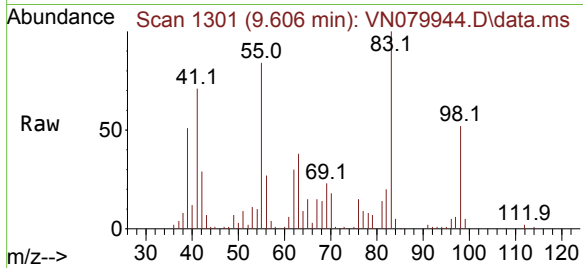




#39
Methylcyclohexane
Concen: 17.774 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

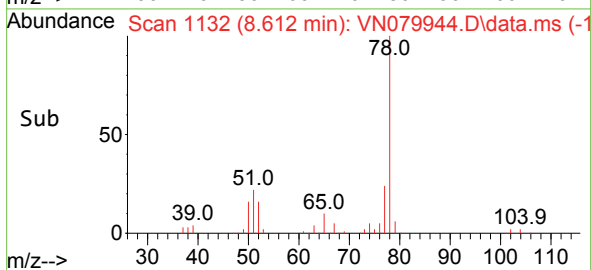
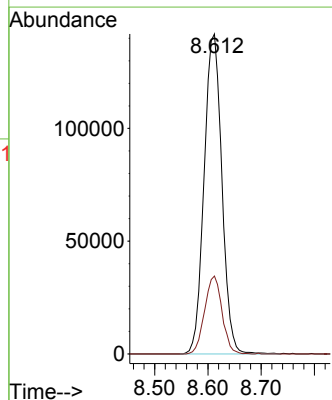
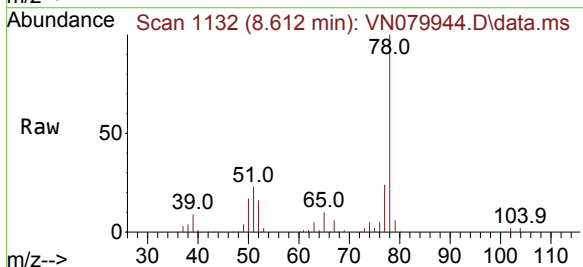
Instrument :
MSVOA_N
ClientSampleId :

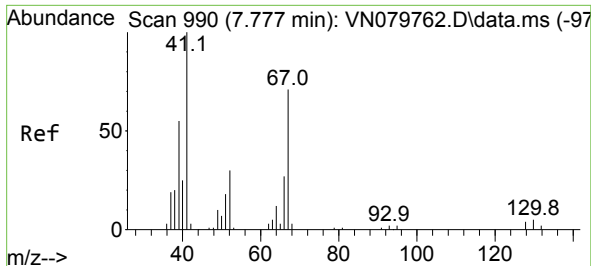
Tgt Ion: 83 Resp: 85318
Ion Ratio Lower Upper
83 100
55 83.7 49.1 73.7#
98 51.8 40.6 61.0



#40
Benzene
Concen: 21.536 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 78 Resp: 328995
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6

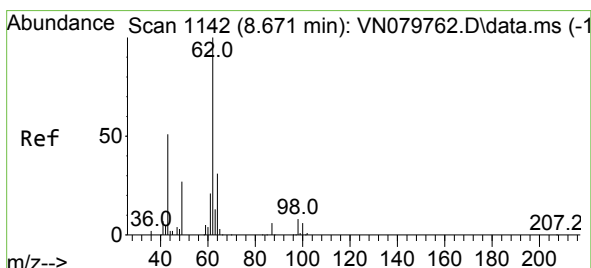
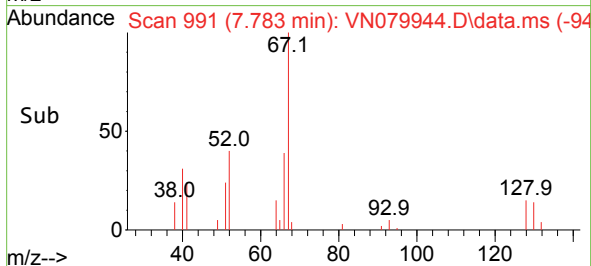
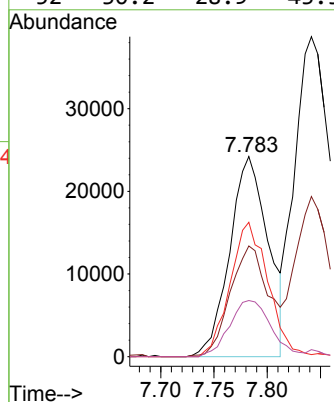
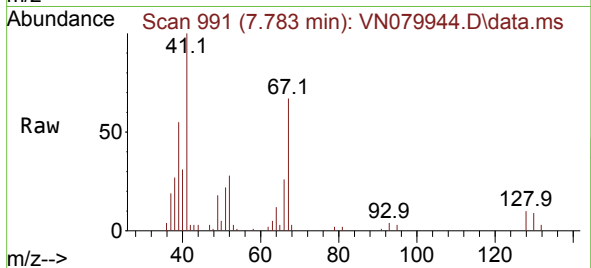




#41
Methacrylonitrile
Concen: 24.465 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

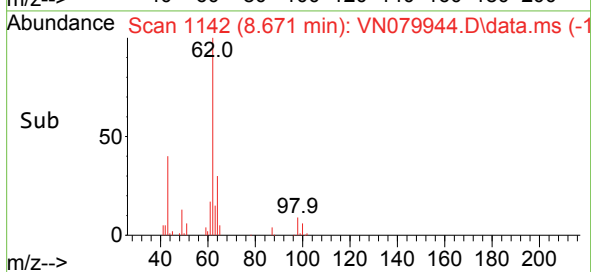
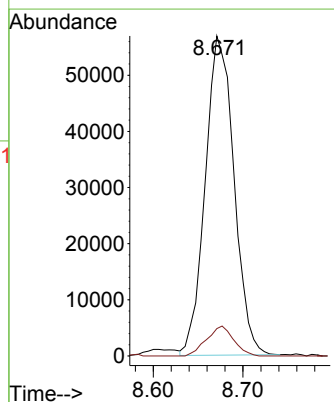
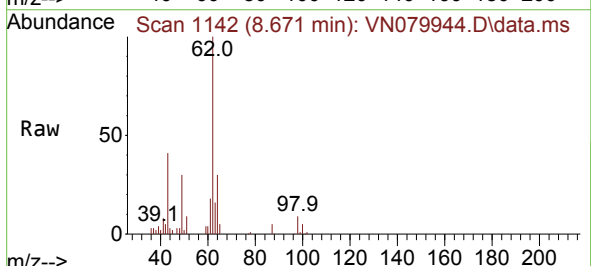
Instrument :
MSVOA_N
ClientSampleId :

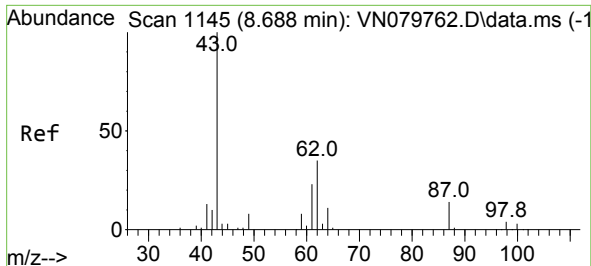
Tgt Ion: 41	Resp: 60771
Ion Ratio	Lower Upper
41 100	
39 55.5	42.6 64.0
67 67.1	77.5 116.3#
52 30.2	28.9 43.3



#42
1,2-Dichloroethane
Concen: 23.730 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 62	Resp: 126628
Ion Ratio	Lower Upper
62 100	
98 8.8	0.0 19.8

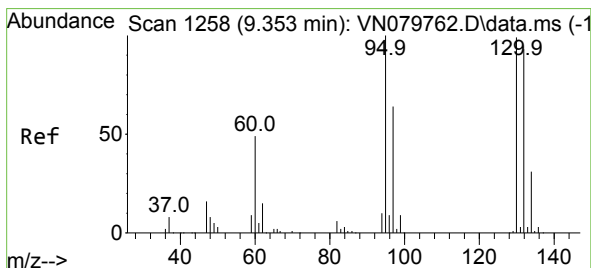
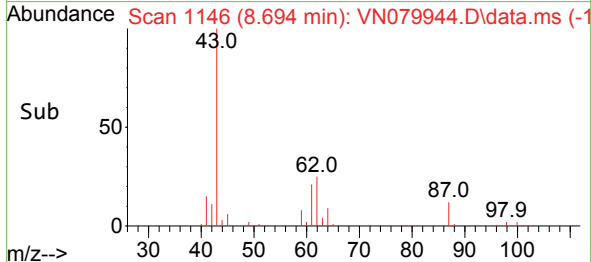
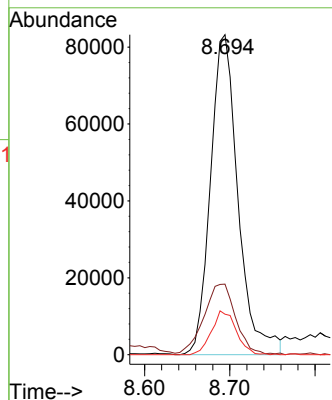
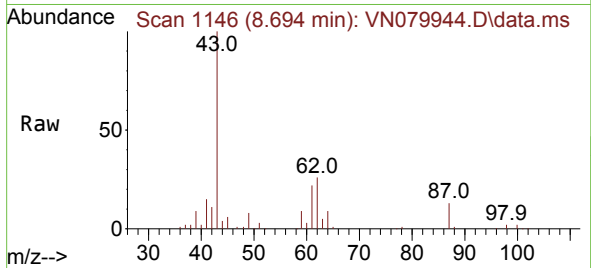




#43
Isopropyl Acetate
Concen: 22.834 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

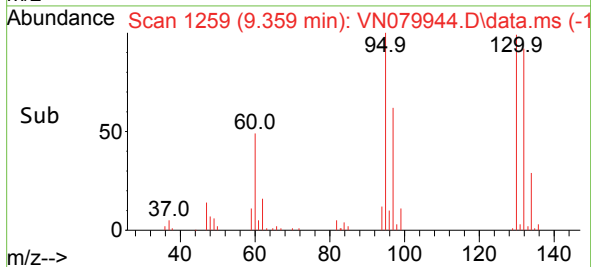
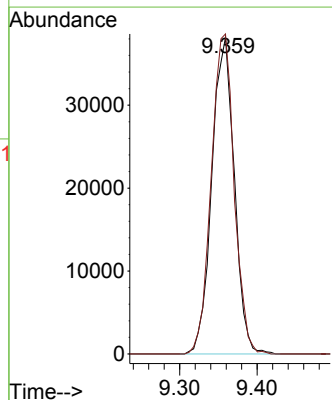
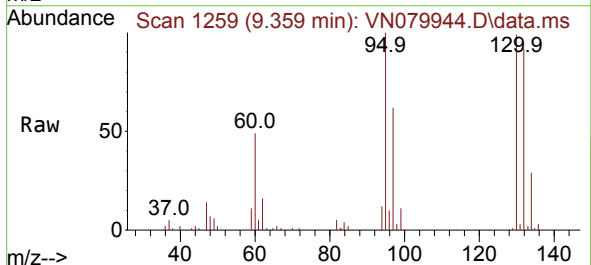
Instrument :
MSVOA_N
ClientSampleId :

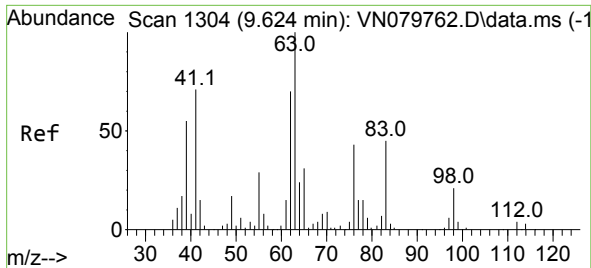
Tgt Ion: 43 Resp: 187319
Ion Ratio Lower Upper
43 100
61 25.6 24.7 37.1
87 12.3 14.6 21.8#



#44
Trichloroethene
Concen: 20.259 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion:130 Resp: 76798
Ion Ratio Lower Upper
130 100
95 101.1 0.0 204.6

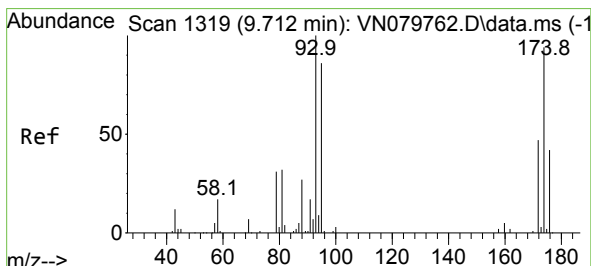
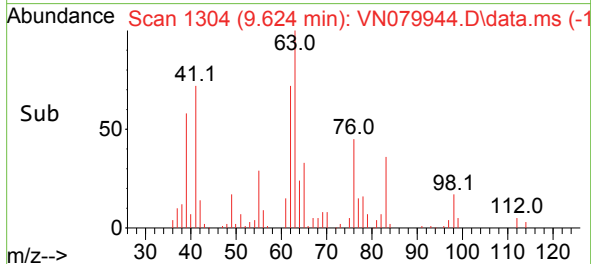
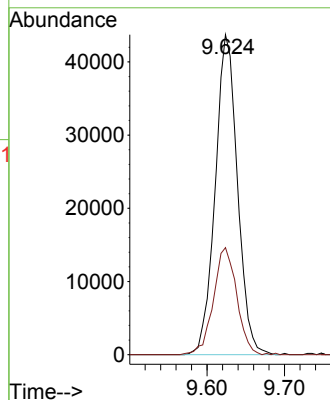
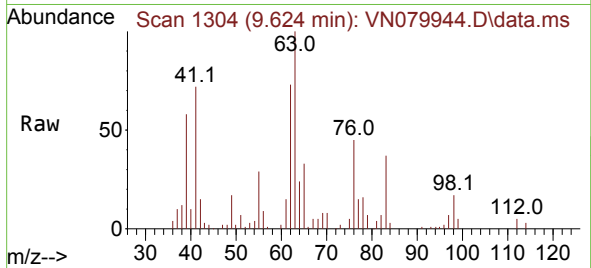




#45
1,2-Dichloropropane
Concen: 22.339 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

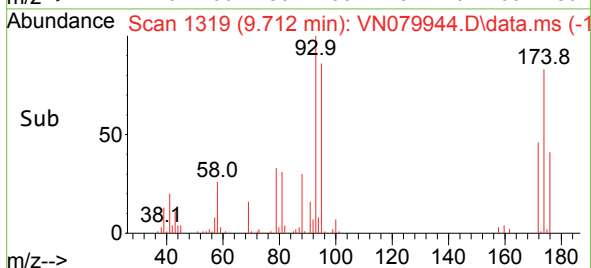
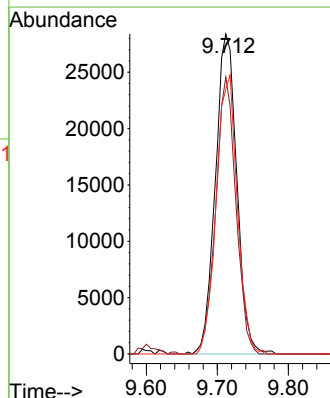
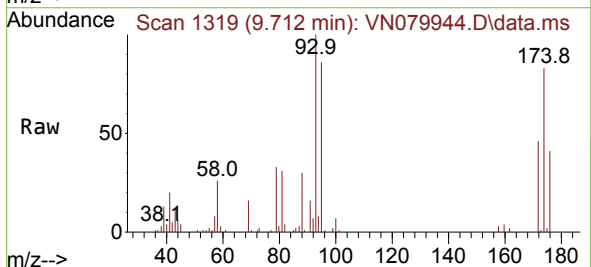
Instrument :
MSVOA_N
ClientSampleId :

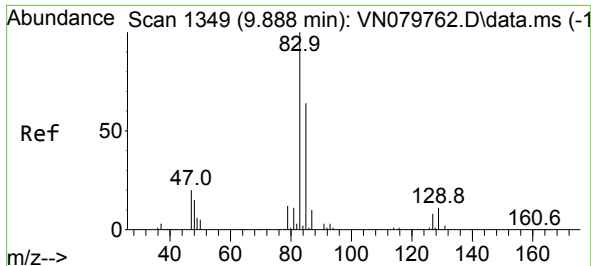
Tgt Ion: 63 Resp: 87212
Ion Ratio Lower Upper
63 100
65 33.5 23.9 35.9



#46
Dibromomethane
Concen: 22.284 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

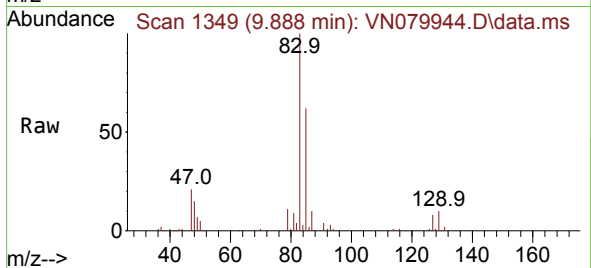
Tgt Ion: 93 Resp: 59403
Ion Ratio Lower Upper
93 100
95 81.3 63.8 95.8
174 85.8 65.6 98.4



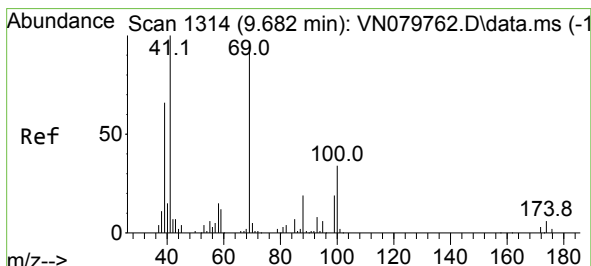
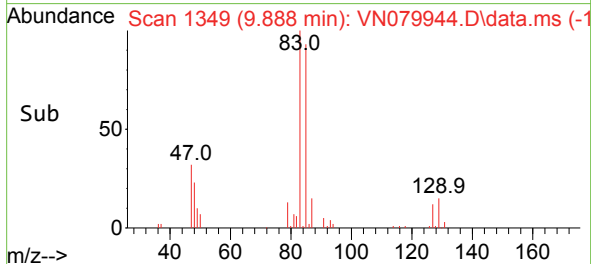
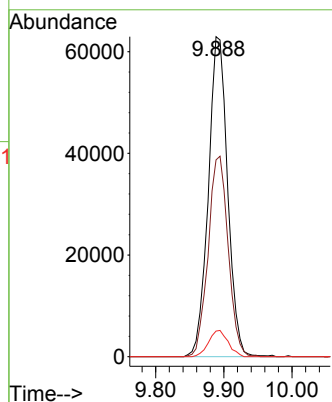


#47
Bromodichloromethane
Concen: 21.819 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Instrument :
MSVOA_N
ClientSampleId :

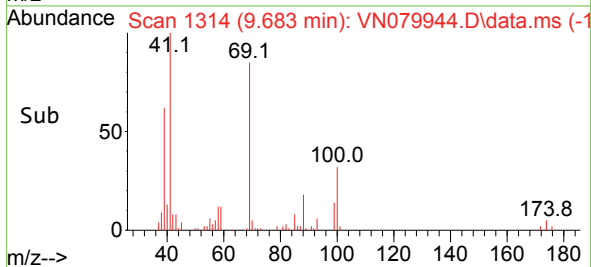
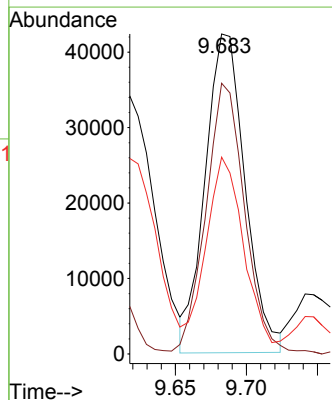
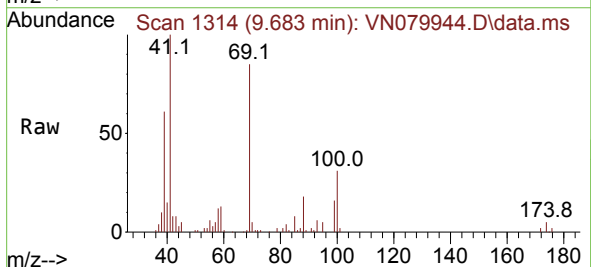


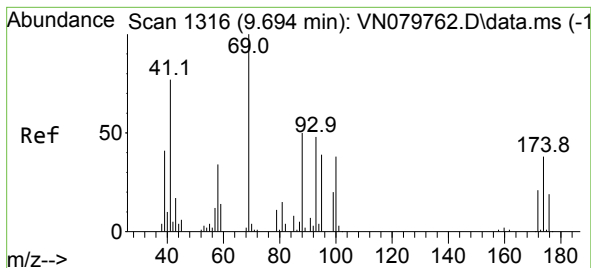
Tgt Ion: 83 Resp: 124045
Ion Ratio Lower Upper
83 100
85 61.5 49.6 74.4
127 8.0 7.0 10.6



#48
Methyl methacrylate
Concen: 22.987 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 41 Resp: 82598
Ion Ratio Lower Upper
41 100
69 83.1 90.4 135.6#
39 60.3 54.6 81.8





#49

1,4-Dioxane

Concen: 481.626 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

Instrument :

MSVOA_N

ClientSampleId :

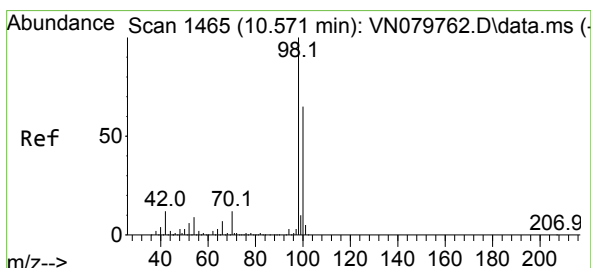
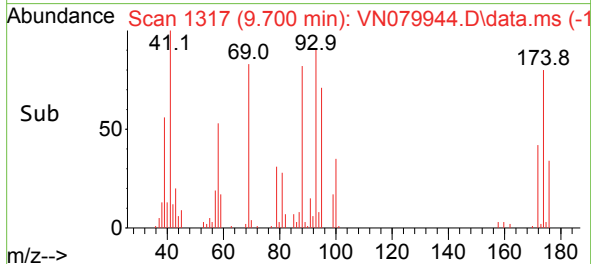
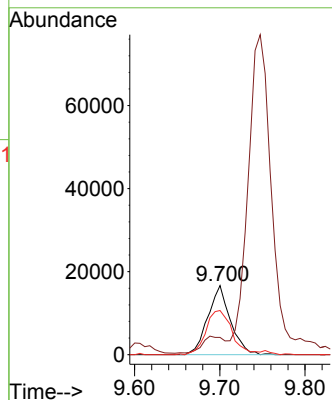
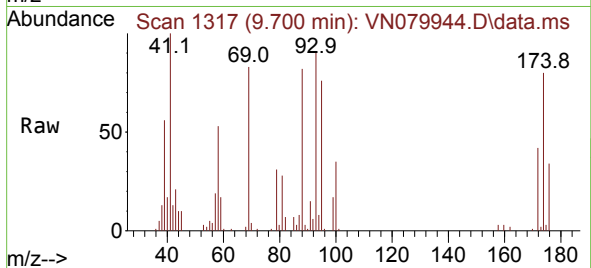
Tgt Ion: 88 Resp: 30579

Ion Ratio Lower Upper

88 100

43 24.3 17.0 25.6

58 74.3 47.0 70.4#



#50

Toluene-d8

Concen: 53.560 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079944.D

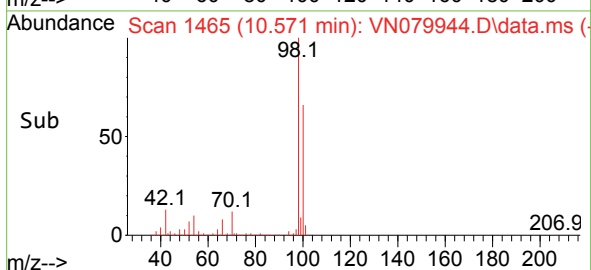
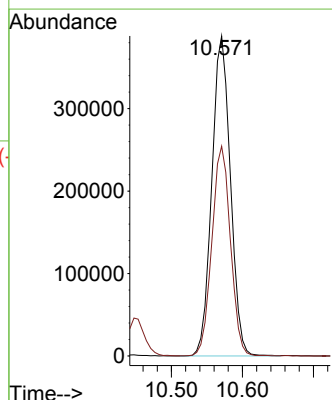
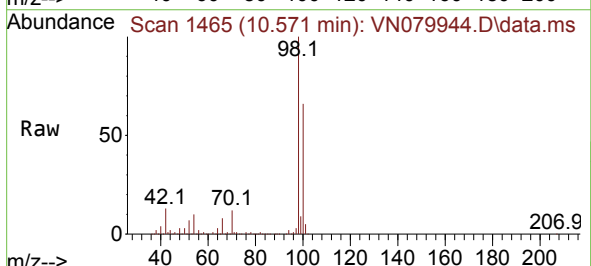
Acq: 07 Nov 2023 04:07

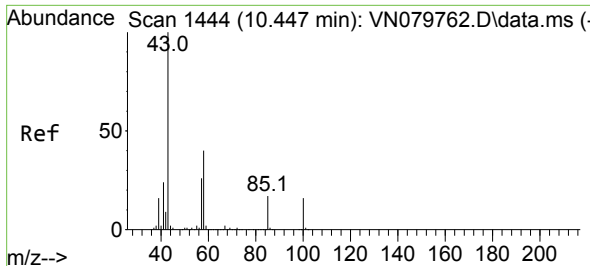
Tgt Ion: 98 Resp: 704345

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

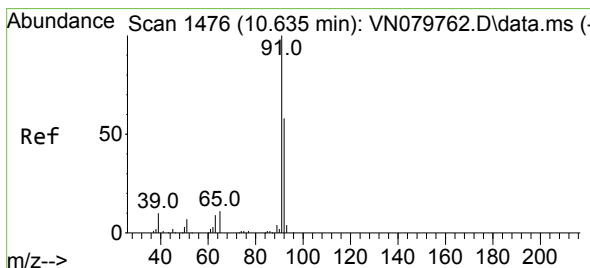
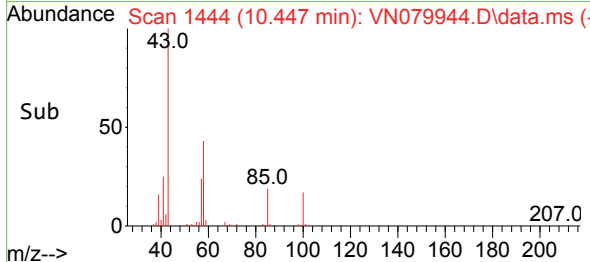
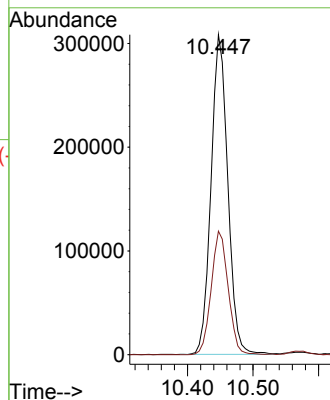
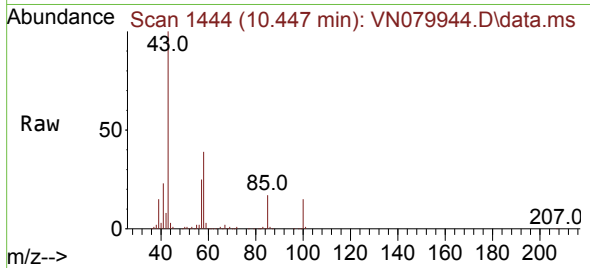




#51
4-Methyl-2-Pentanone
Concen: 118.390 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

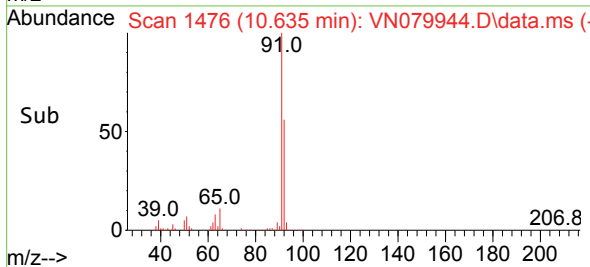
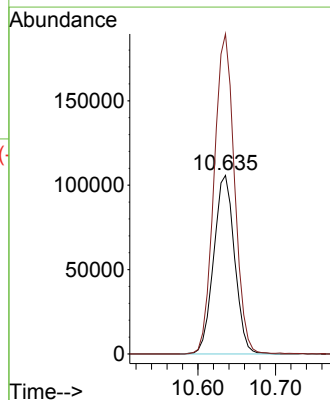
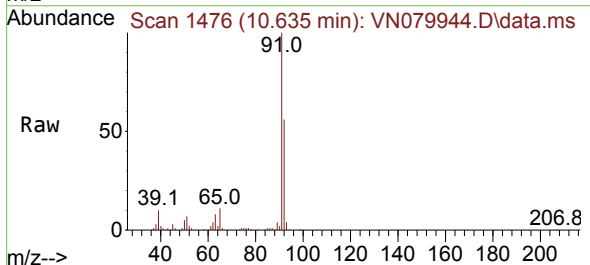
Instrument :
MSVOA_N
ClientSampleId :

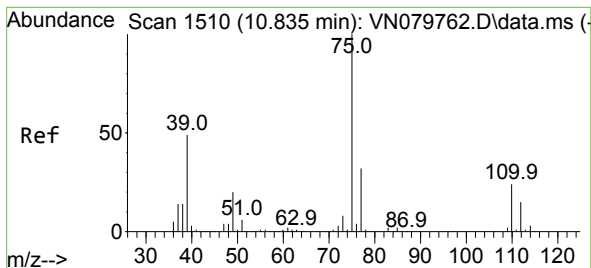
Tgt Ion: 43 Resp: 546777
Ion Ratio Lower Upper
43 100
58 39.1 36.6 54.8



#52
Toluene
Concen: 21.846 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 92 Resp: 197848
Ion Ratio Lower Upper
92 100
91 175.4 137.4 206.0

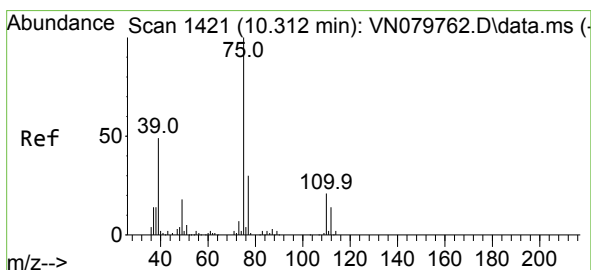
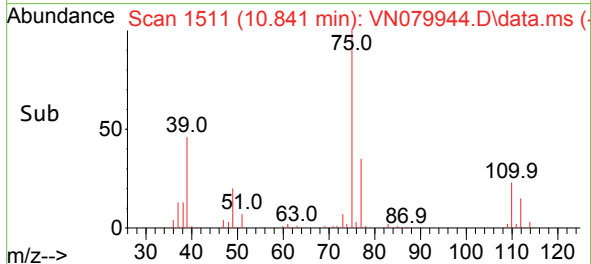
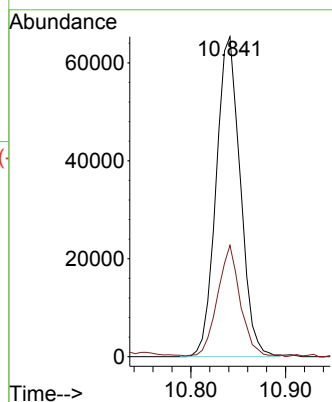
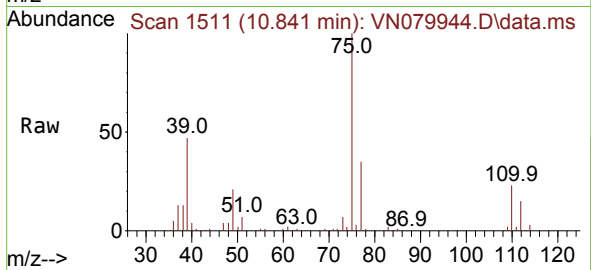




#53
 t-1,3-Dichloropropene
 Concen: 20.795 ug/l
 RT: 10.841 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN079944.D
 Acq: 07 Nov 2023 04:07

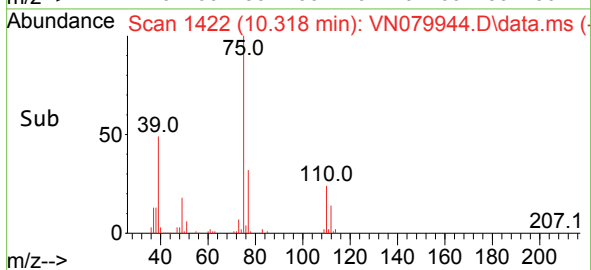
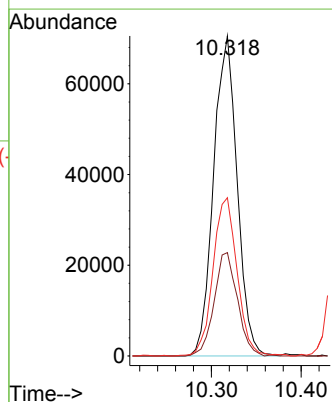
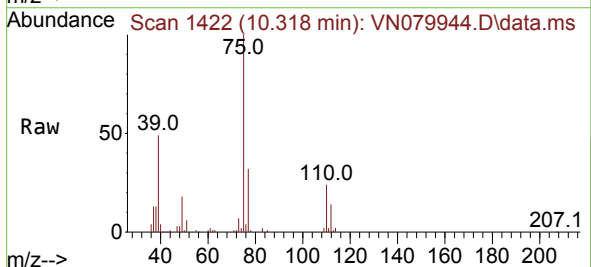
Instrument :
 MSVOA_N
 ClientSampleId :

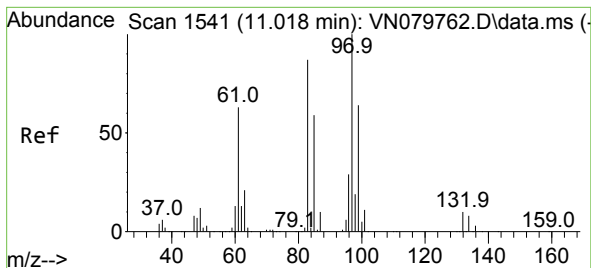
Tgt Ion: 75 Resp: 115895
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.185 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079944.D
 Acq: 07 Nov 2023 04:07

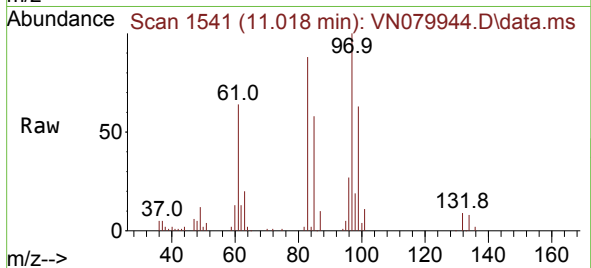
Tgt Ion: 75 Resp: 128696
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.1 39.1
 39 49.2 31.6 47.4#



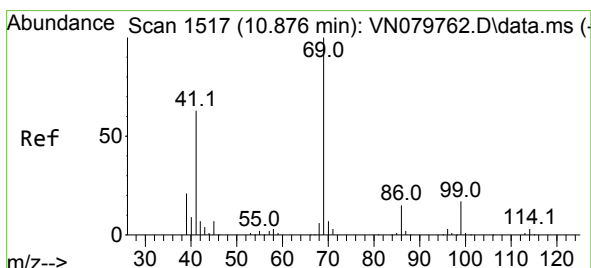
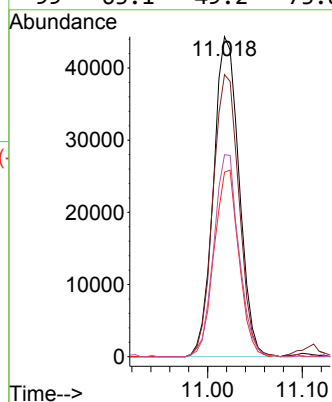
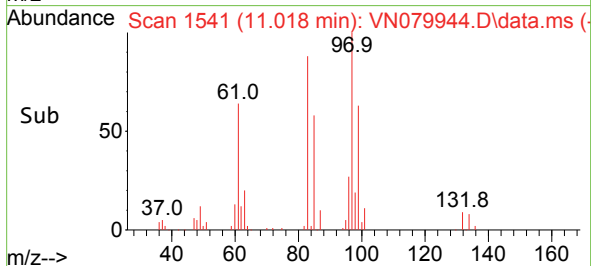


#55
 1,1,2-Trichloroethane
 Concen: 22.824 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN079944.D
 Acq: 07 Nov 2023 04:07

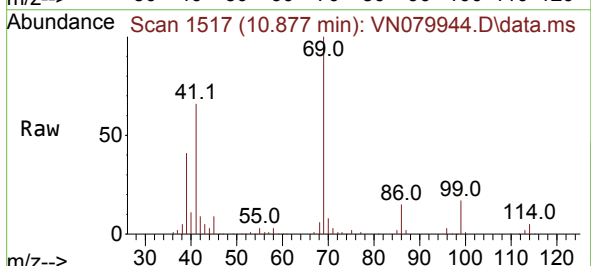
Instrument :
 MSVOA_N
 ClientSampleId :



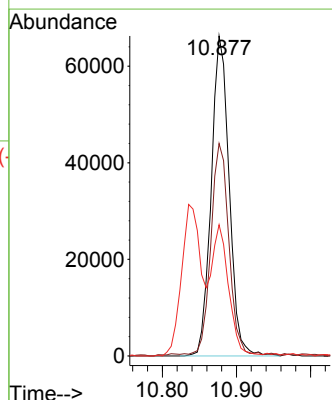
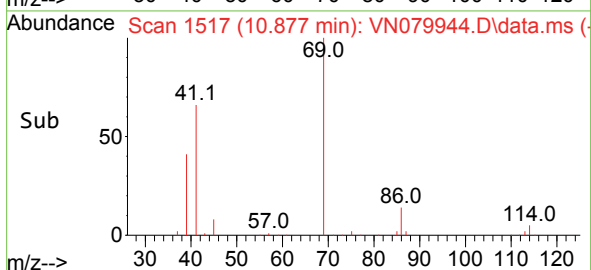
Tgt Ion:	97	Resp:	83141
Ion	Ratio	Lower	Upper
97	100		
83	88.1	65.1	97.7
85	57.7	43.4	65.2
99	63.1	49.2	73.8

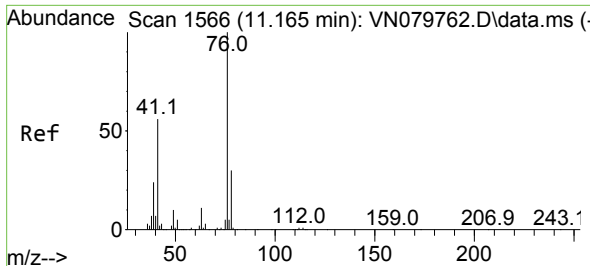


#56
 Ethyl methacrylate
 Concen: 21.423 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: VN079944.D
 Acq: 07 Nov 2023 04:07



Tgt Ion:	69	Resp:	111312
Ion	Ratio	Lower	Upper
69	100		
41	65.4	39.6	59.4#
39	38.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 22.555 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

Instrument :

MSVOA_N

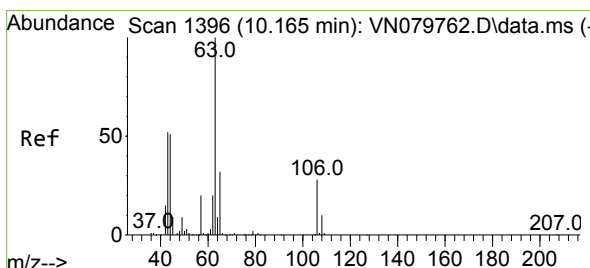
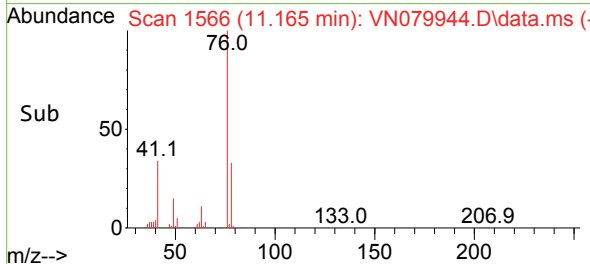
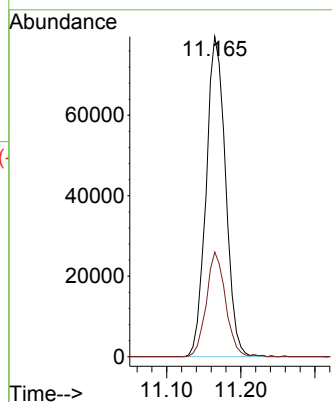
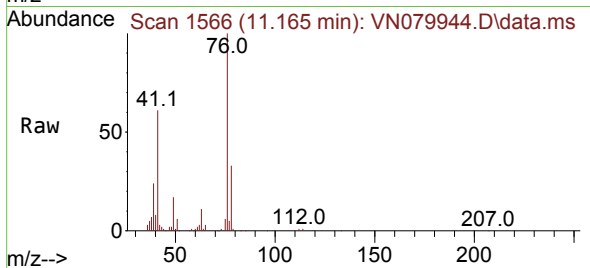
ClientSampleId :

Tgt Ion: 76 Resp: 144825

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 103.970 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079944.D

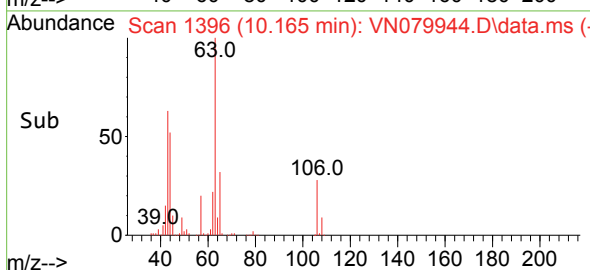
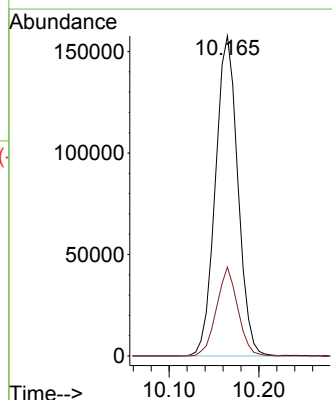
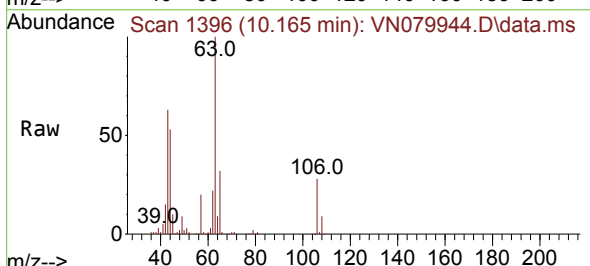
Acq: 07 Nov 2023 04:07

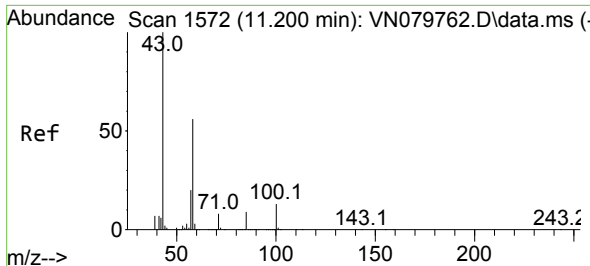
Tgt Ion: 63 Resp: 273809

Ion Ratio Lower Upper

63 100

106 26.3 26.2 39.4

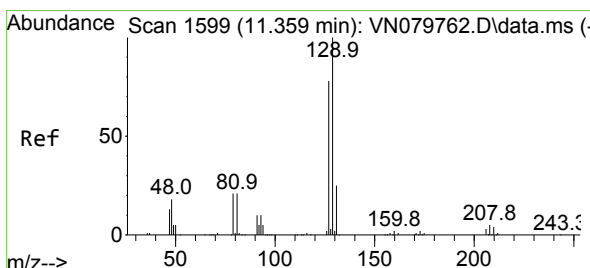
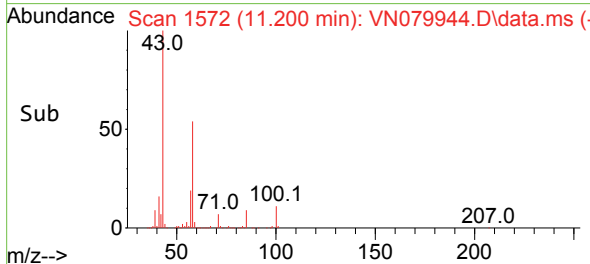
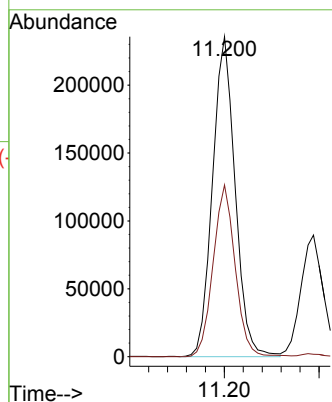
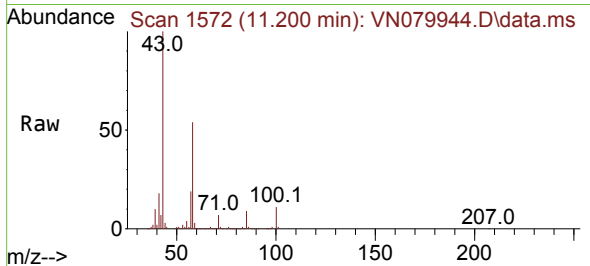




#59
2-Hexanone
Concen: 110.701 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

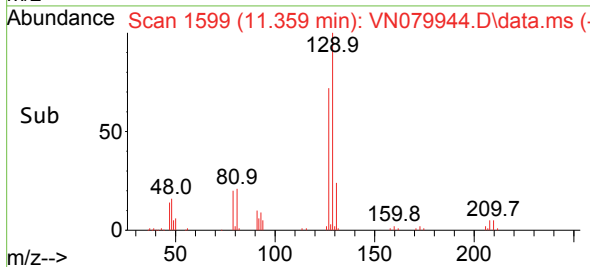
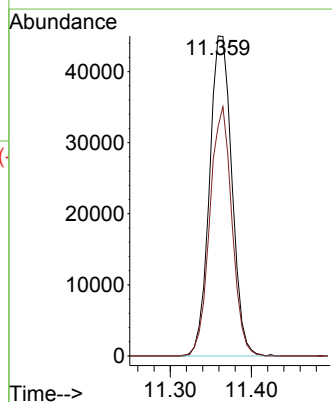
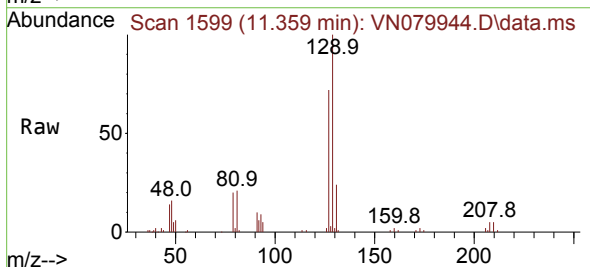
Instrument :
MSVOA_N
ClientSampleId :

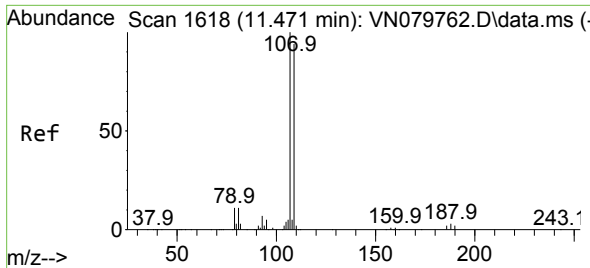
Tgt Ion: 43 Resp: 391116
Ion Ratio Lower Upper
43 100
58 52.3 31.7 95.1



#60
Dibromochloromethane
Concen: 22.103 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 129 Resp: 86183
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0

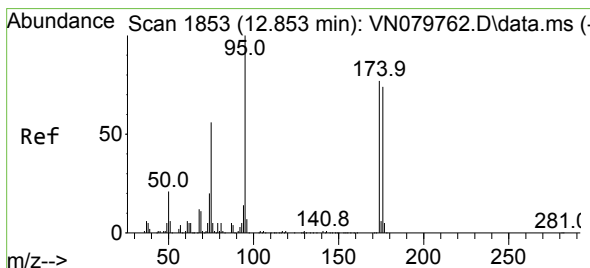
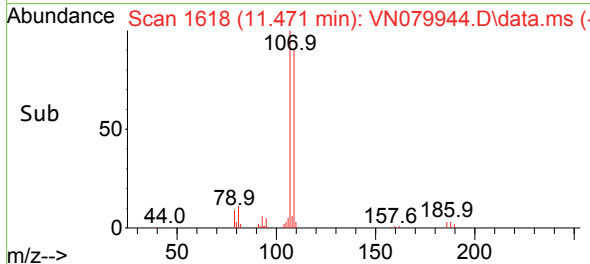
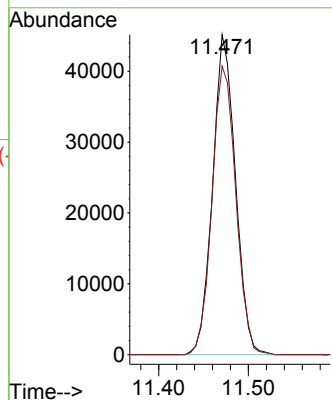
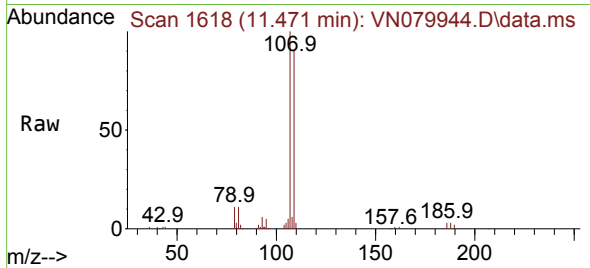




#61
1,2-Dibromoethane
Concen: 21.798 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

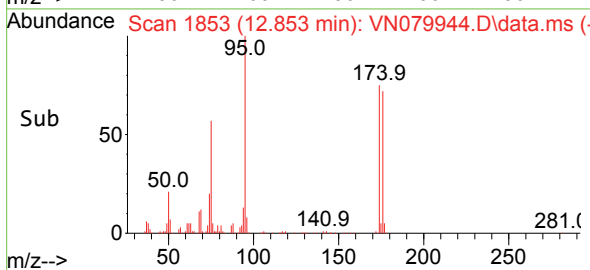
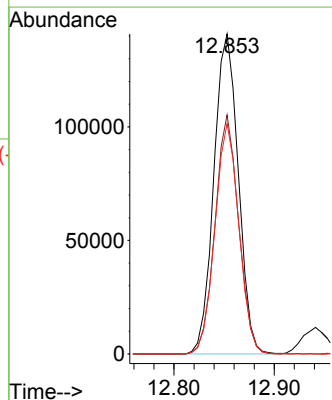
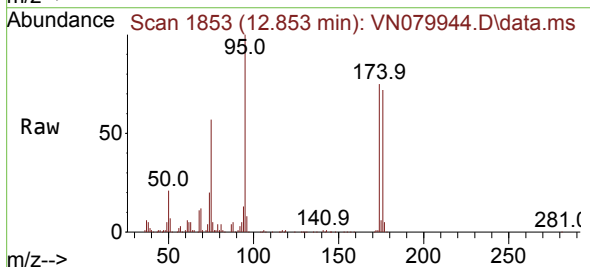
Instrument :
MSVOA_N
ClientSampleId :

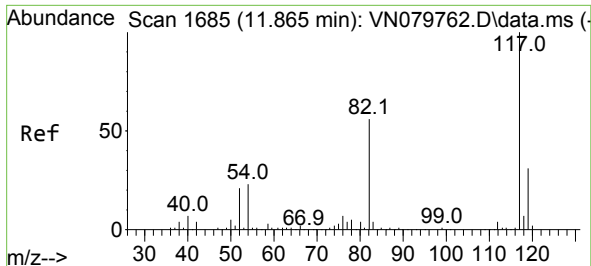
Tgt Ion:107 Resp: 79698
Ion Ratio Lower Upper
107 100
109 94.0 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 54.642 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 95 Resp: 238316
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 70.4 0.0 135.8

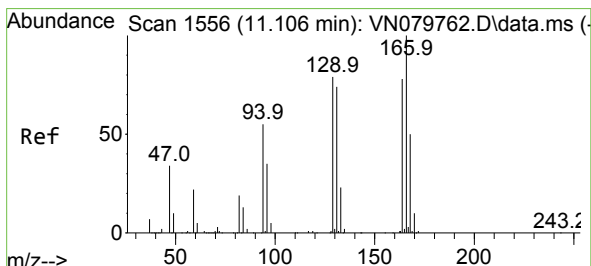
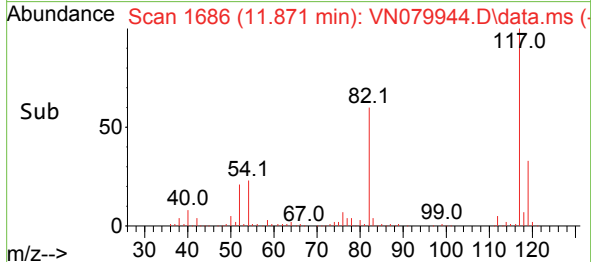
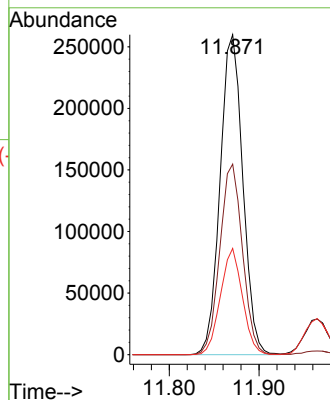
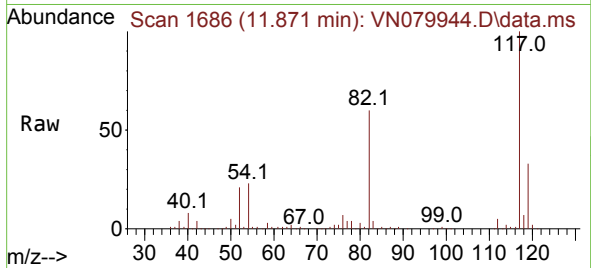




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

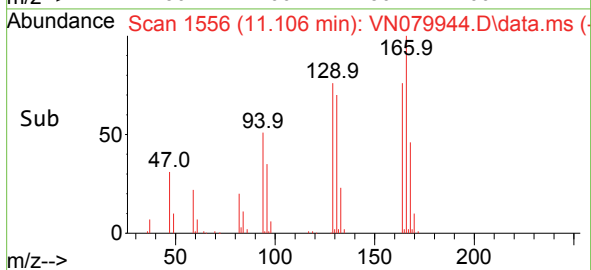
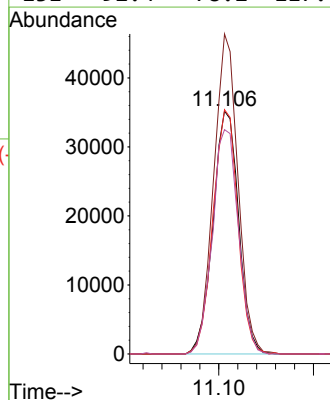
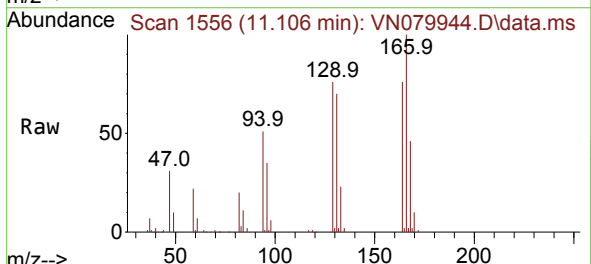
Instrument :
MSVOA_N
ClientSampleId :

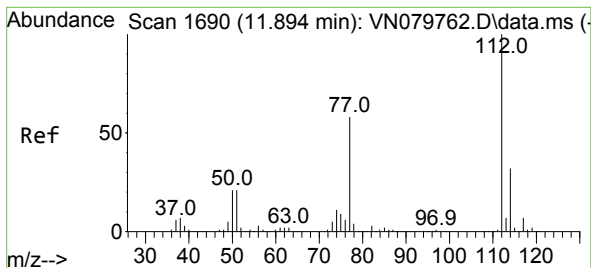
Tgt Ion:117 Resp: 456766
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 33.2 25.6 38.4



#64
Tetrachloroethene
Concen: 22.316 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion:164 Resp: 66018
Ion Ratio Lower Upper
164 100
166 131.8 101.4 152.0
129 100.6 82.4 123.6
131 92.4 78.2 117.4

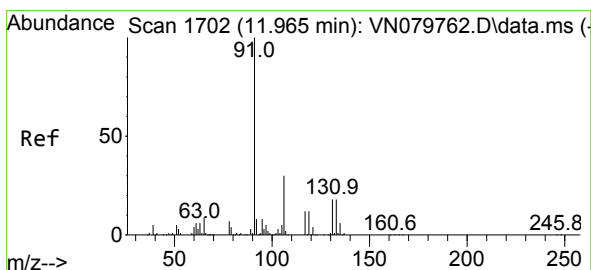
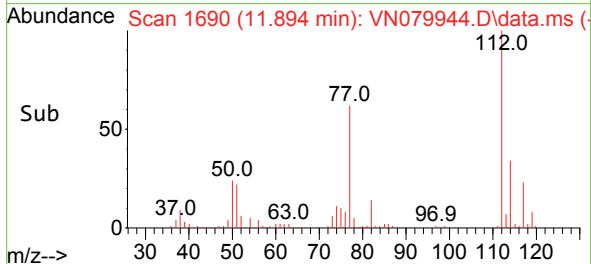
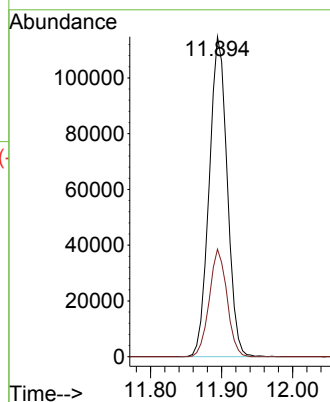
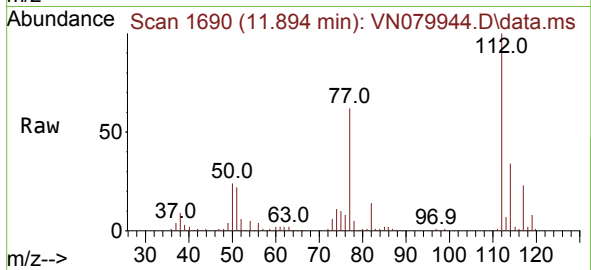




#65
Chlorobenzene
Concen: 20.413 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

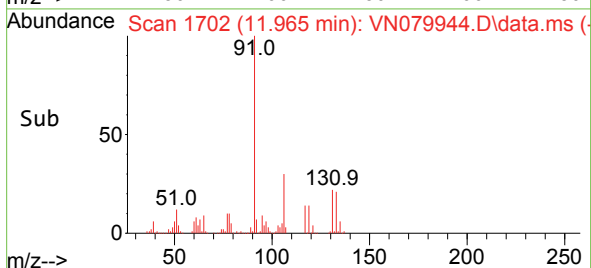
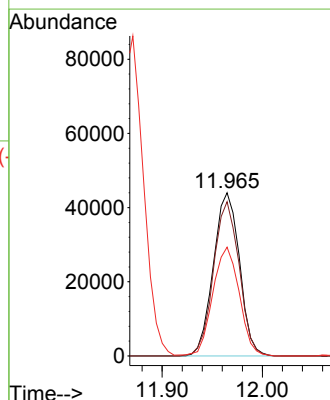
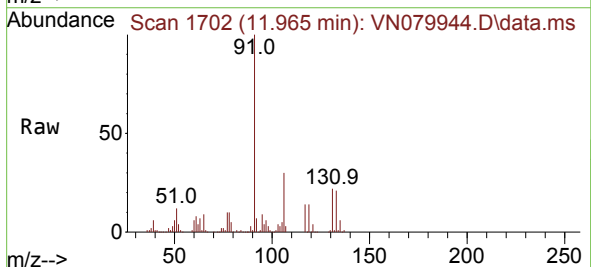
Instrument :
MSVOA_N
ClientSampleId :

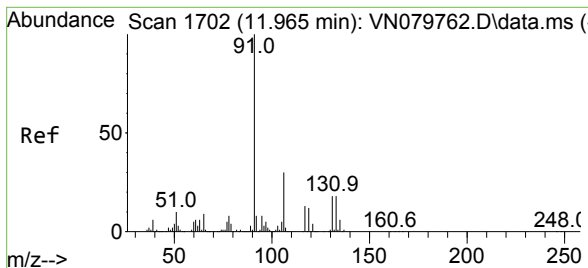
Tgt Ion:112 Resp: 202251
Ion Ratio Lower Upper
112 100
114 33.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.350 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion:131 Resp: 79787
Ion Ratio Lower Upper
131 100
133 92.8 46.4 139.1
119 67.6 34.1 102.2





#67

Ethyl Benzene

Concen: 20.675 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

Instrument :

MSVOA_N

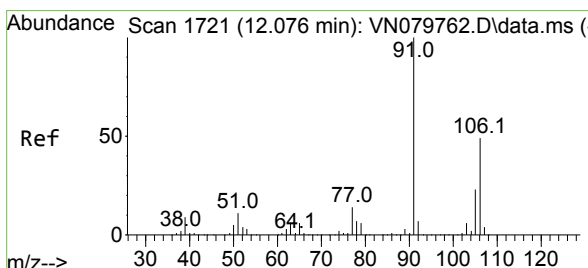
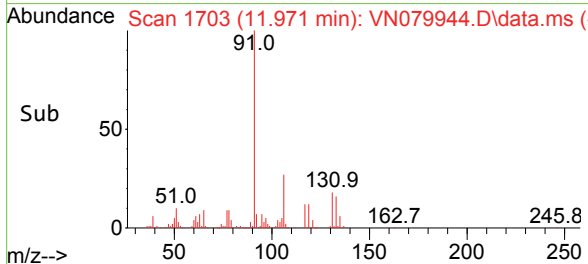
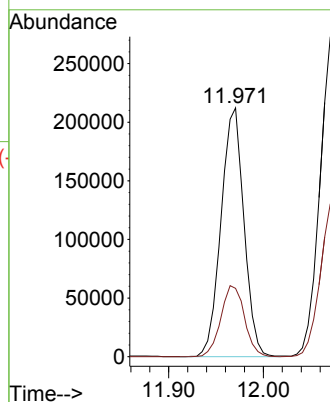
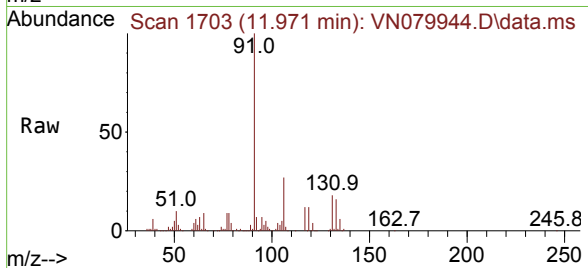
ClientSampleId :

Tgt Ion: 91 Resp: 356903

Ion Ratio Lower Upper

91 100

106 27.5 25.6 38.4



#68

m/p-Xylenes

Concen: 41.496 ug/l

RT: 12.077 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN079944.D

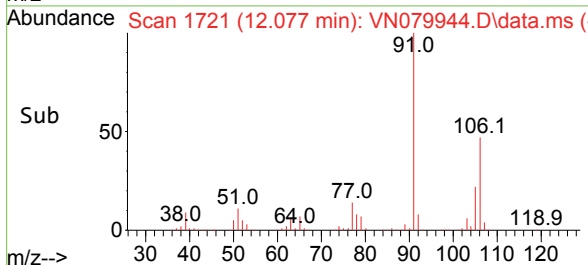
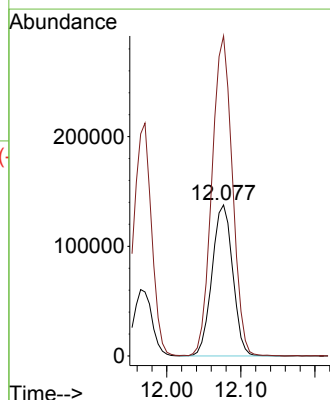
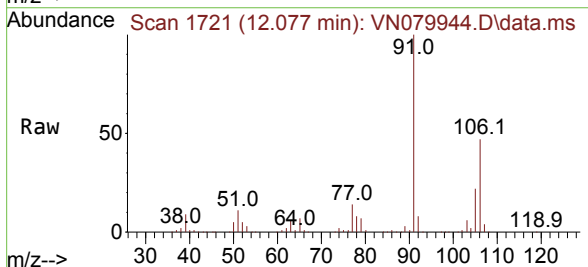
Acq: 07 Nov 2023 04:07

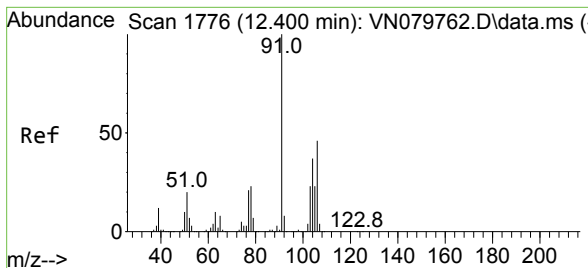
Tgt Ion:106 Resp: 266841

Ion Ratio Lower Upper

106 100

91 210.1 159.6 239.4

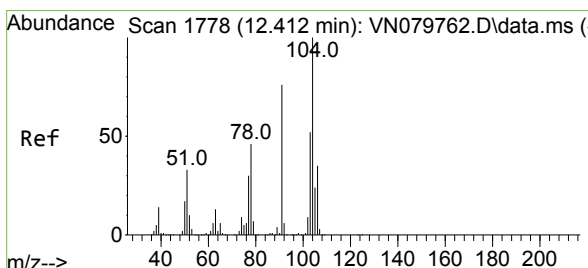
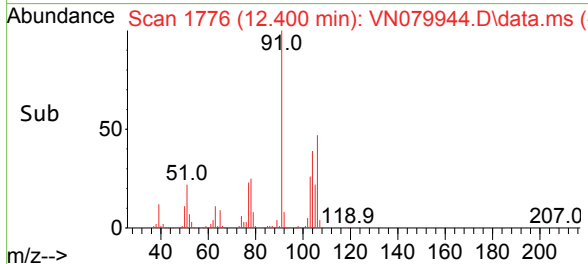
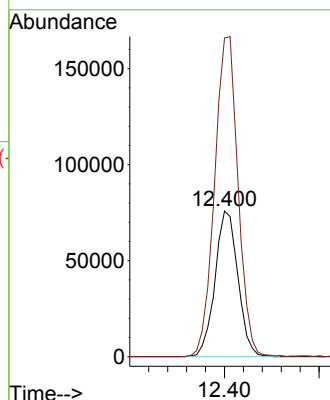
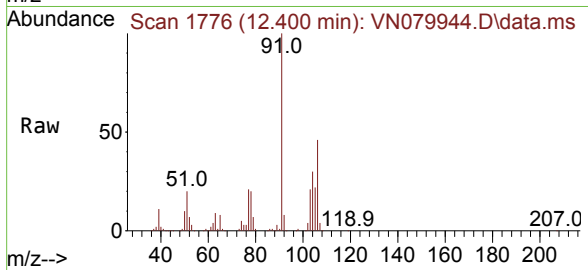




#69
o-Xylene
Concen: 20.532 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

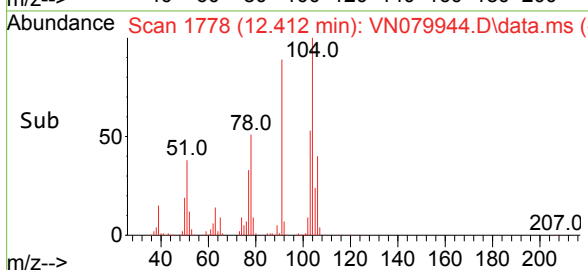
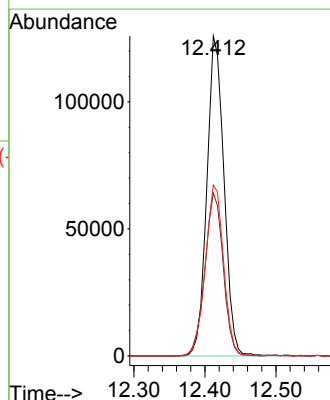
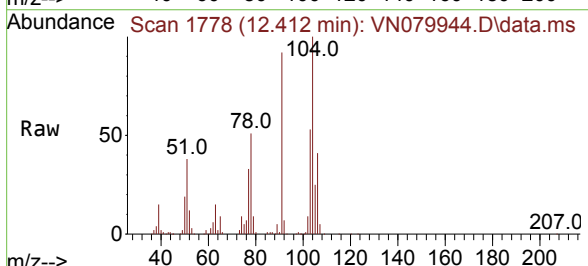
Instrument :
MSVOA_N
ClientSampleId :

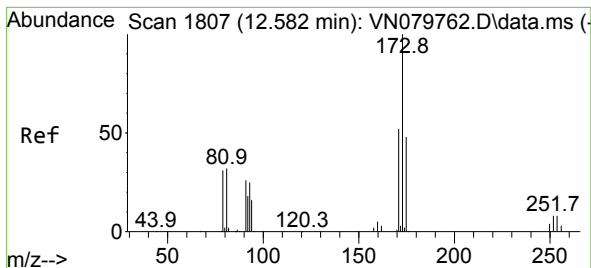
Tgt Ion:106 Resp: 127138
Ion Ratio Lower Upper
106 100
91 225.9 105.2 315.5



#70
Styrene
Concen: 21.248 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion:104 Resp: 211454
Ion Ratio Lower Upper
104 100
78 54.2 39.5 59.3
103 57.3 43.2 64.8





#71

Bromoform

Concen: 22.431 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

Instrument :

MSVOA_N

ClientSampleId :

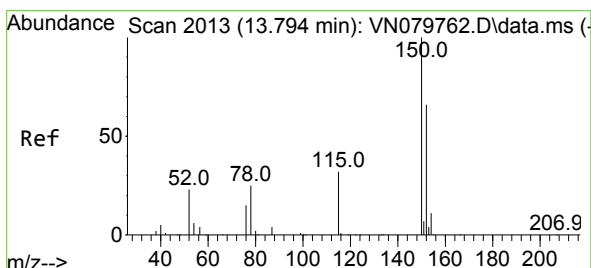
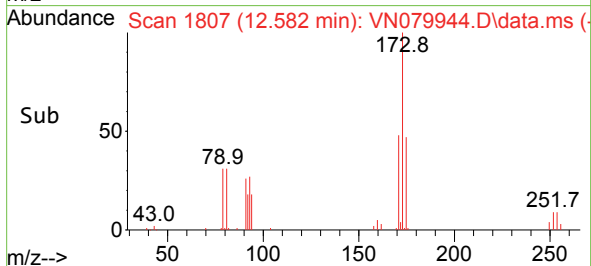
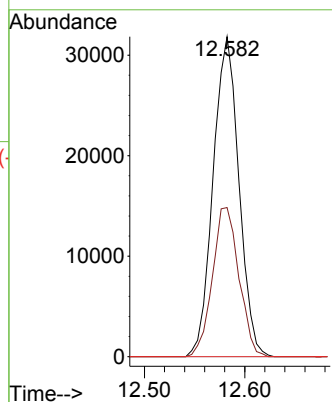
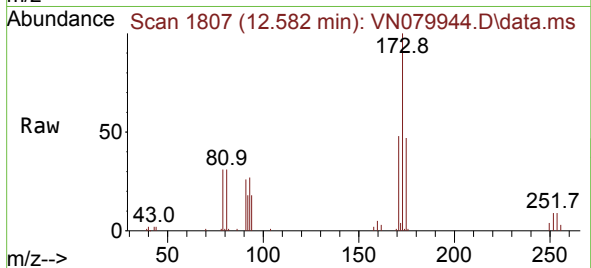
Tgt Ion:173 Resp: 56859

Ion Ratio Lower Upper

173 100

175 47.9 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: VN079944.D

Acq: 07 Nov 2023 04:07

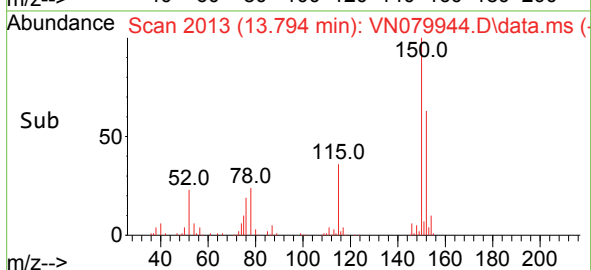
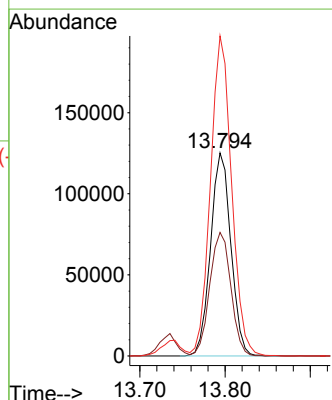
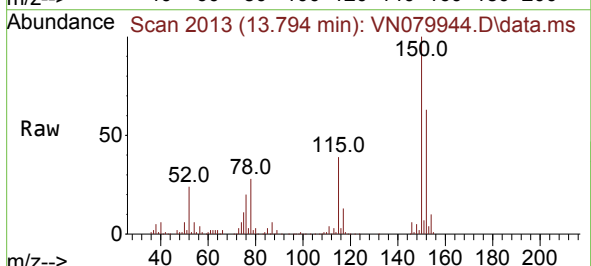
Tgt Ion:152 Resp: 207152

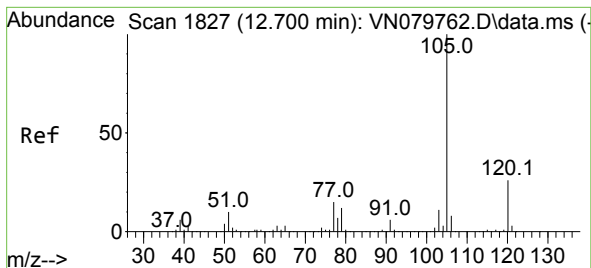
Ion Ratio Lower Upper

152 100

115 63.2 32.3 96.8

150 163.8 0.0 355.8





#73

Isopropylbenzene

Concen: 19.920 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

Instrument :

MSVOA_N

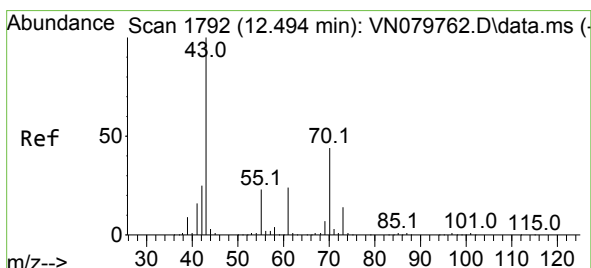
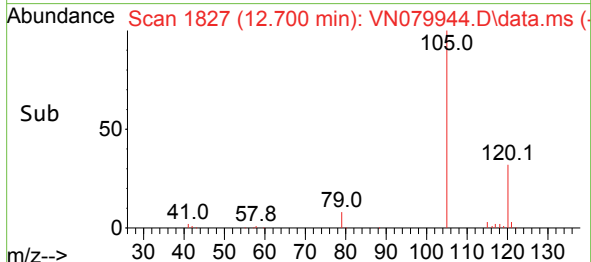
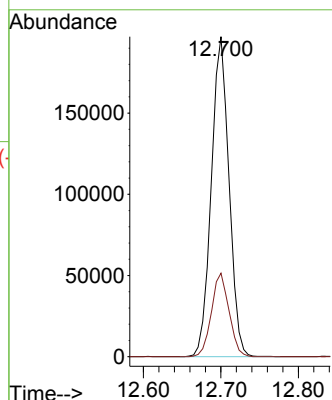
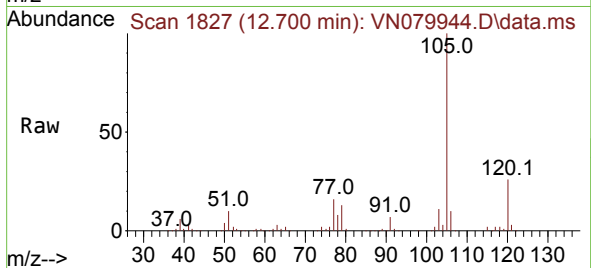
ClientSampleId :

Tgt Ion:105 Resp: 313167

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 20.321 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

Tgt Ion: 43 Resp: 139451

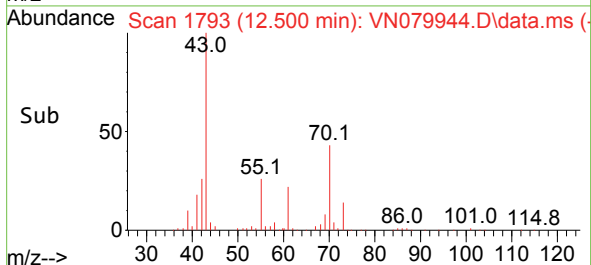
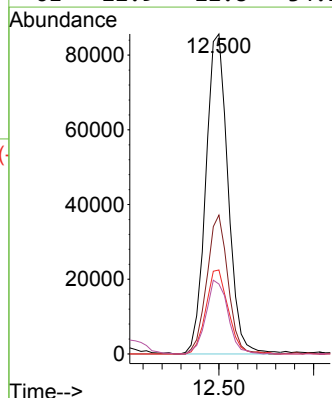
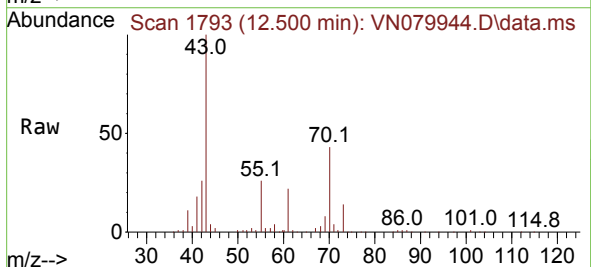
Ion Ratio Lower Upper

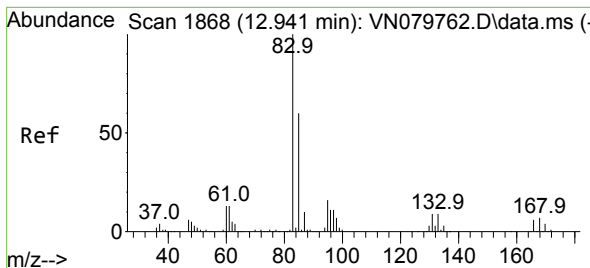
43 100

70 41.5 43.4 65.2#

55 26.6 21.4 32.0

61 22.9 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.274 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

Instrument :

MSVOA_N

ClientSampleId :

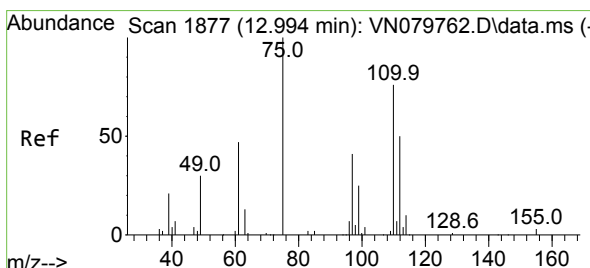
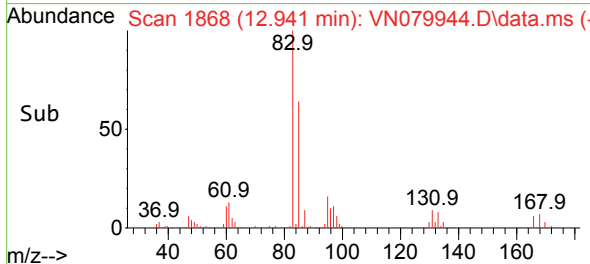
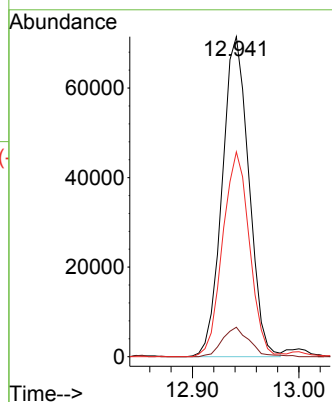
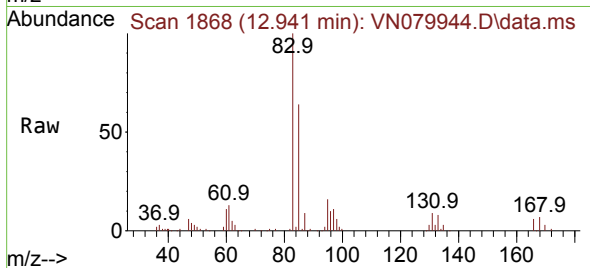
Tgt Ion: 83 Resp: 124162

Ion Ratio Lower Upper

83 100

131 9.4 5.0 15.0

85 64.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 29.955 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079944.D

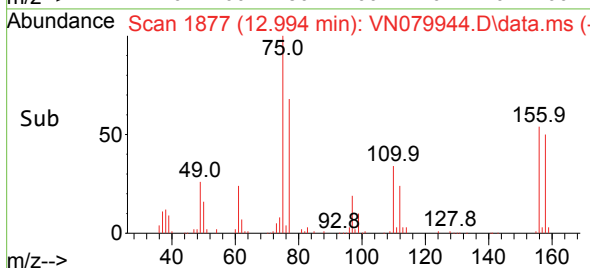
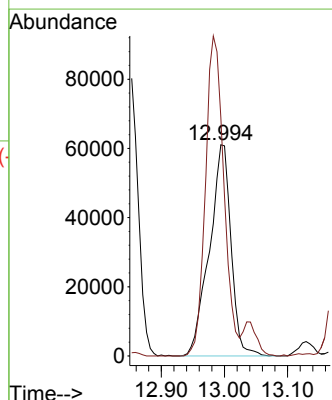
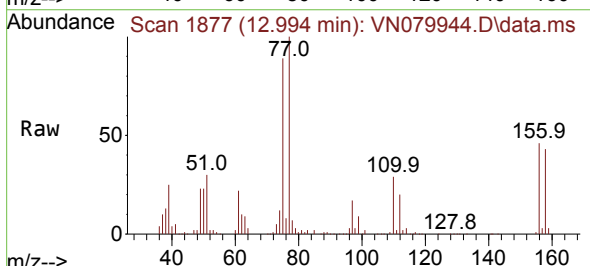
Acq: 07 Nov 2023 04:07

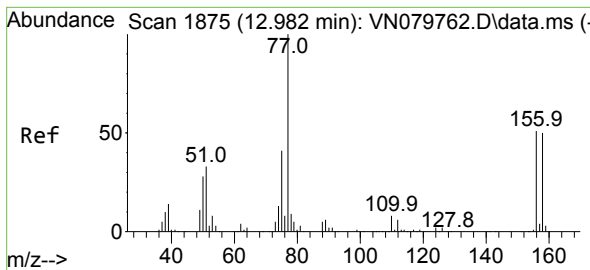
Tgt Ion: 75 Resp: 145682

Ion Ratio Lower Upper

75 100

77 128.7 84.5 253.5





#77

Bromobenzene

Concen: 21.677 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

Instrument :

MSVOA_N

ClientSampleId :

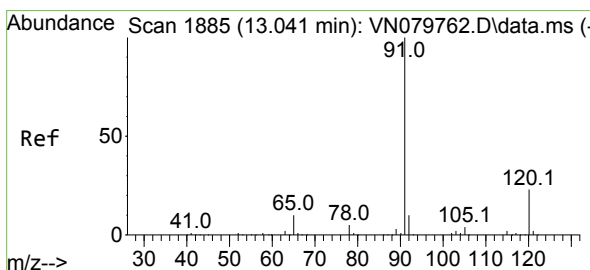
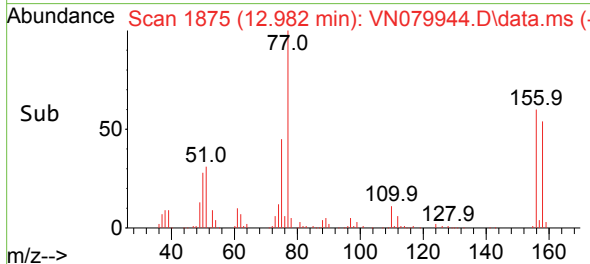
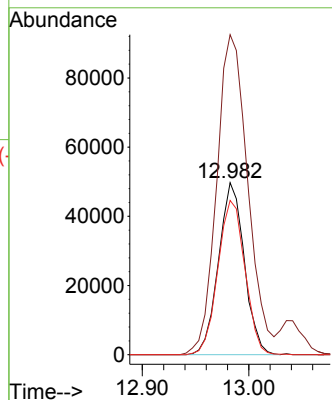
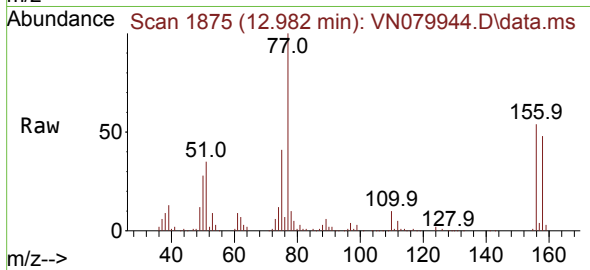
Tgt Ion:156 Resp: 83437

Ion Ratio Lower Upper

156 100

77 224.7 107.7 323.3

158 94.1 48.4 145.3



#78

n-propylbenzene

Concen: 20.704 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079944.D

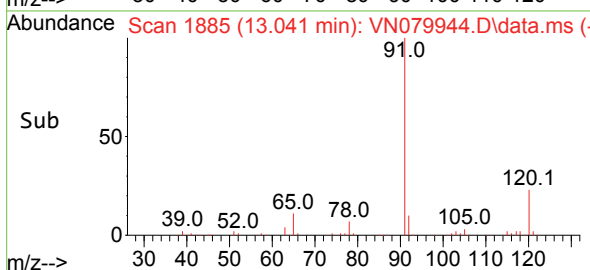
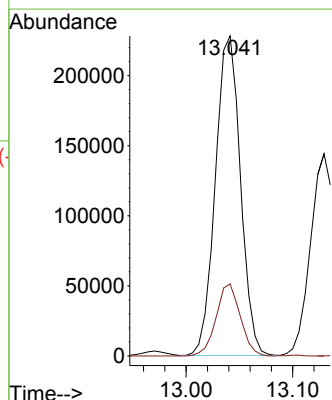
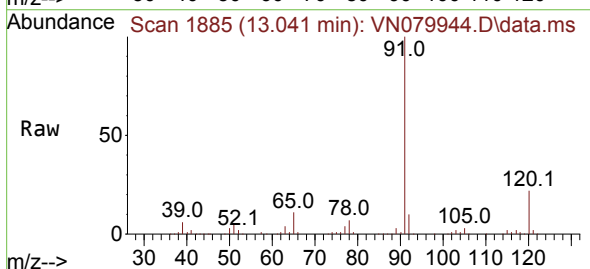
Acq: 07 Nov 2023 04:07

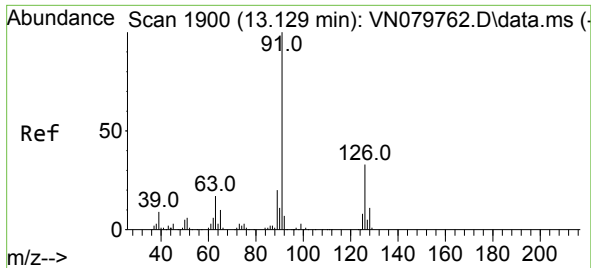
Tgt Ion: 91 Resp: 372742

Ion Ratio Lower Upper

91 100

120 21.7 11.5 34.4

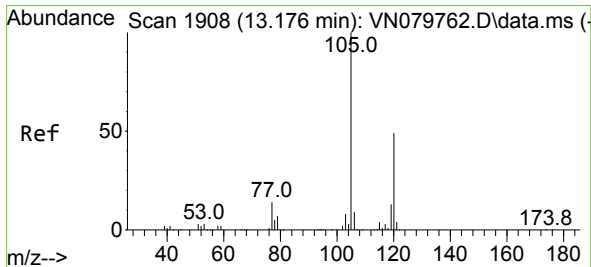
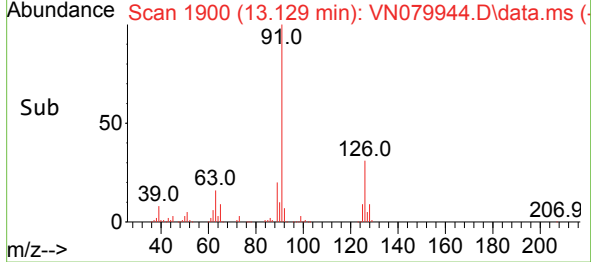
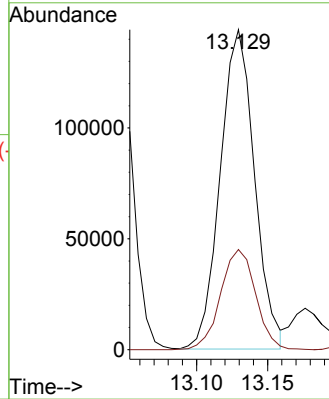
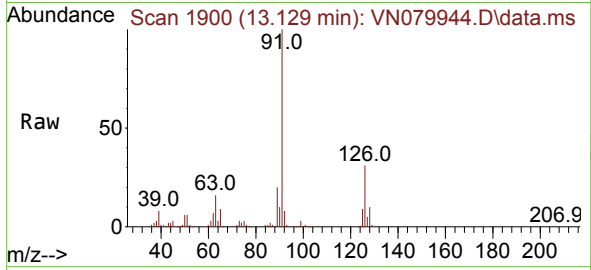




#79
2-Chlorotoluene
Concen: 21.022 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

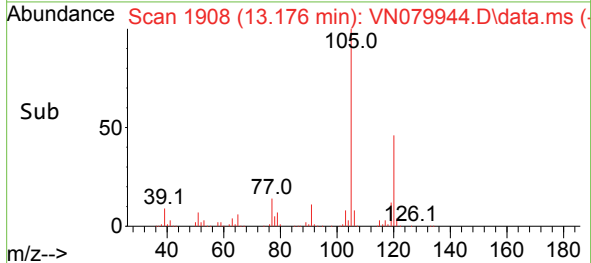
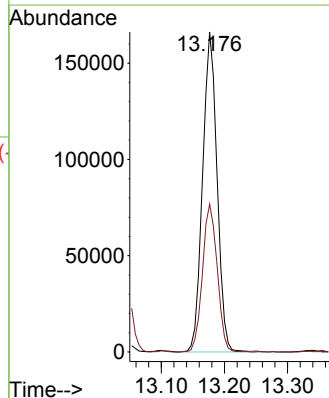
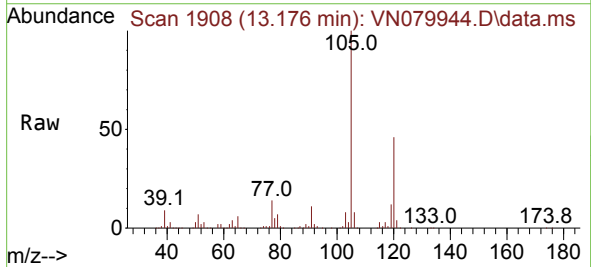
Instrument :
MSVOA_N
ClientSampleId :

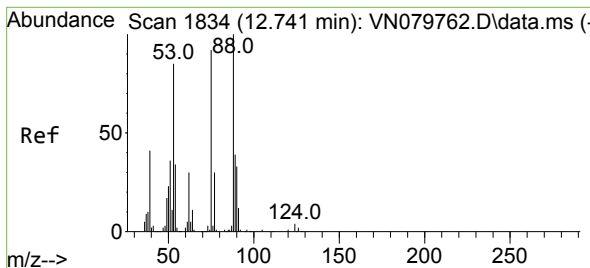
Tgt Ion: 91 Resp: 241780
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 21.580 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion:105 Resp: 263968
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.3

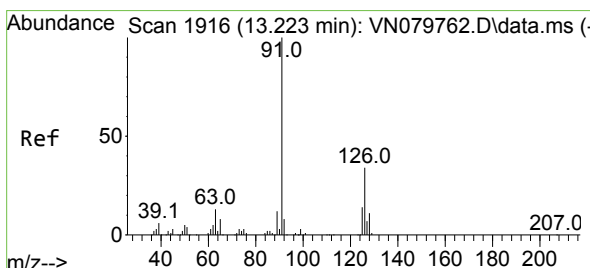
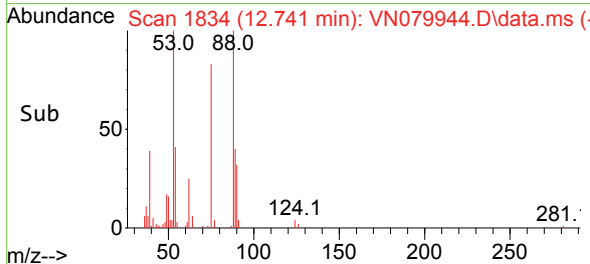
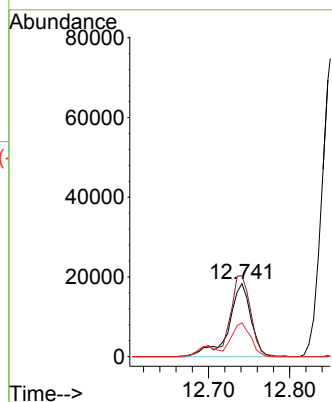
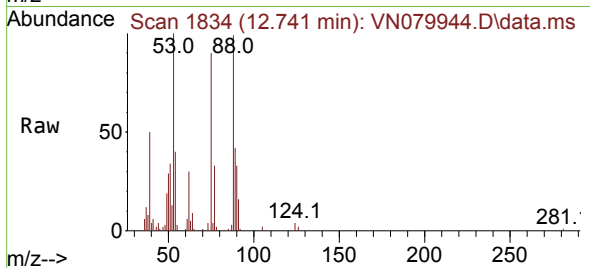




#81
trans-1,4-Dichloro-2-butene
Concen: 19.435 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

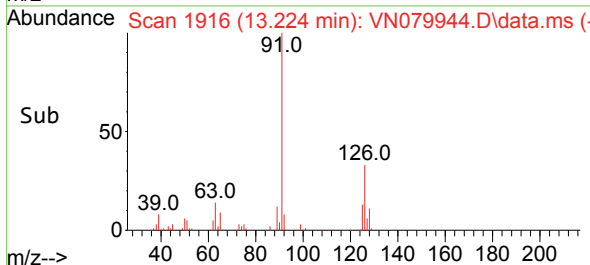
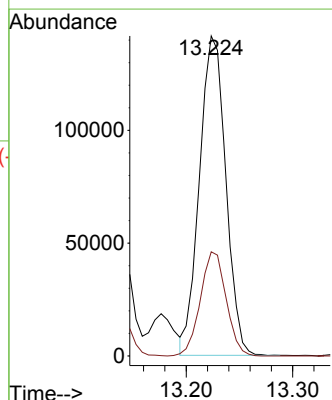
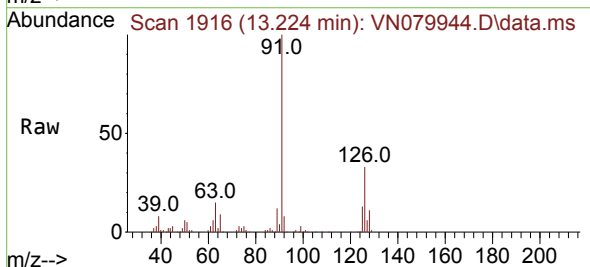
Instrument :
MSVOA_N
ClientSampleId :

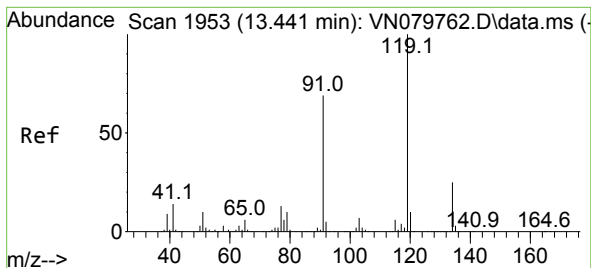
Tgt Ion: 75 Resp: 34740
Ion Ratio Lower Upper
75 100
53 101.3 67.4 101.2#
89 39.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 21.273 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 91 Resp: 243124
Ion Ratio Lower Upper
91 100
126 32.0 16.7 50.0





#83

tert-Butylbenzene

Concen: 20.270 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

Instrument :

MSVOA_N

ClientSampleId :

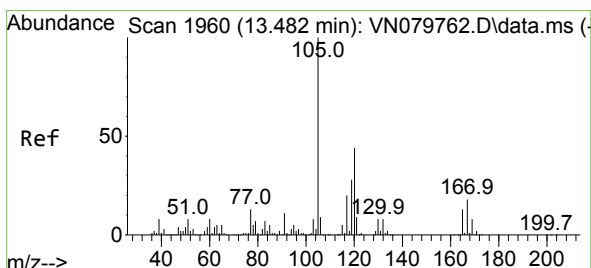
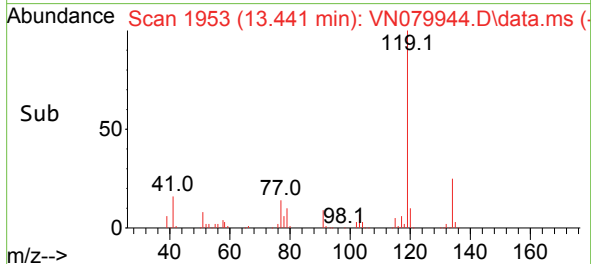
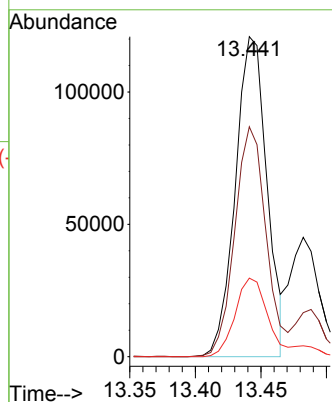
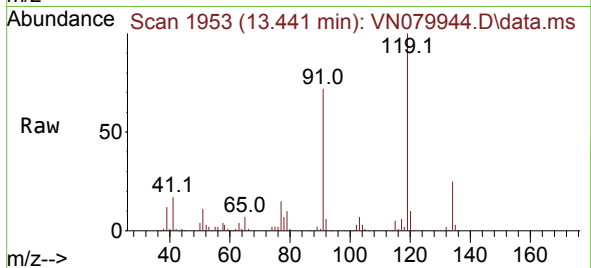
Tgt Ion:119 Resp: 202954

Ion Ratio Lower Upper

119 100

91 71.5 33.9 101.7

134 27.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 21.767 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN079944.D

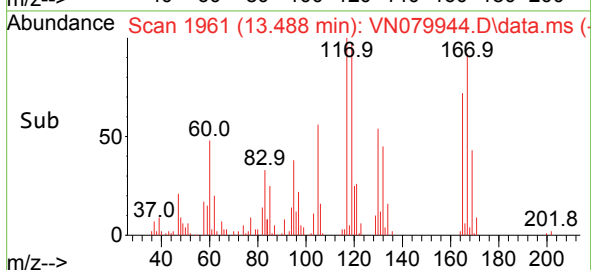
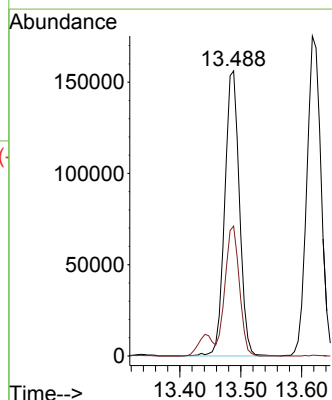
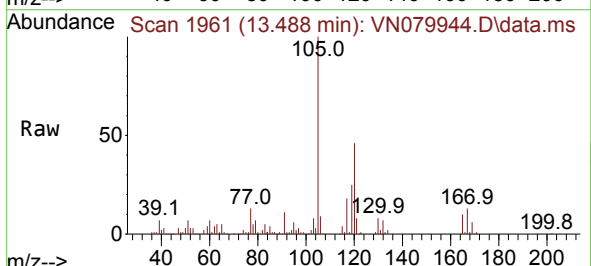
Acq: 07 Nov 2023 04:07

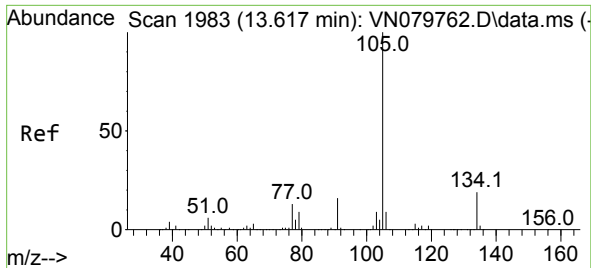
Tgt Ion:105 Resp: 261951

Ion Ratio Lower Upper

105 100

120 44.4 22.0 66.0

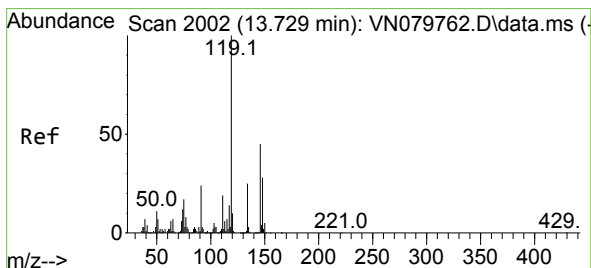
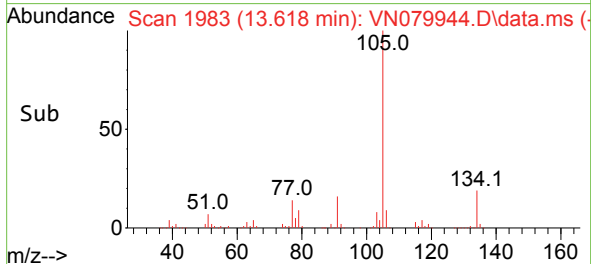
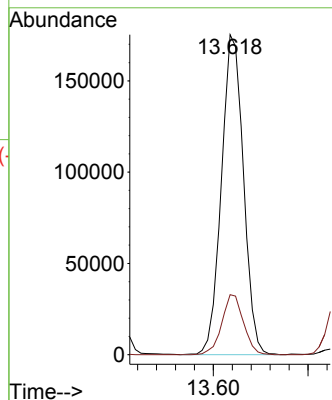
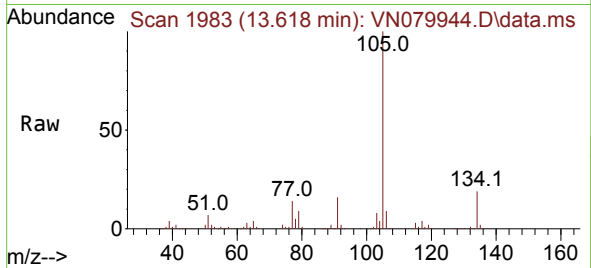




#85
 sec-Butylbenzene
 Concen: 20.455 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079944.D
 Acq: 07 Nov 2023 04:07

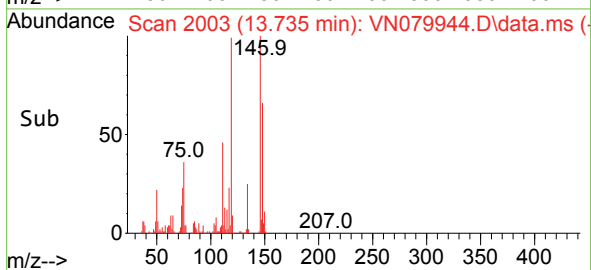
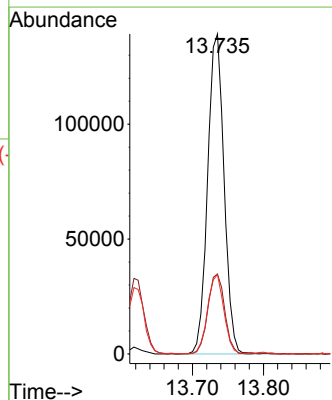
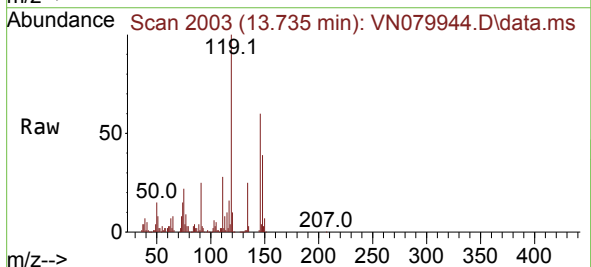
Instrument :
 MSVOA_N
 ClientSampleId :

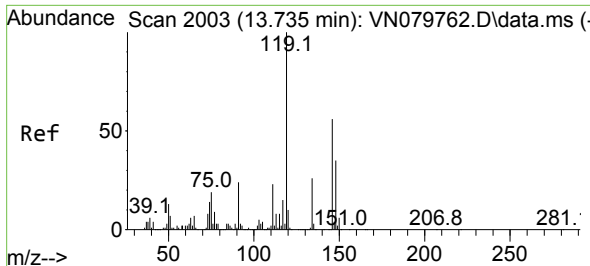
Tgt Ion:105 Resp: 283753
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.813 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079944.D
 Acq: 07 Nov 2023 04:07

Tgt Ion:119 Resp: 224077
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.3 12.4 37.2

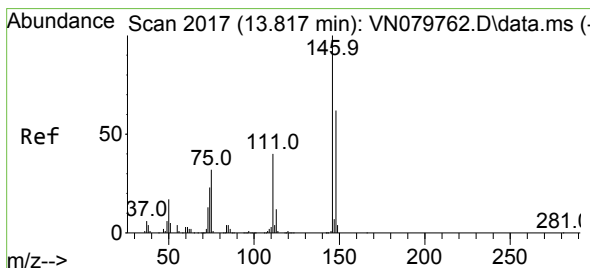
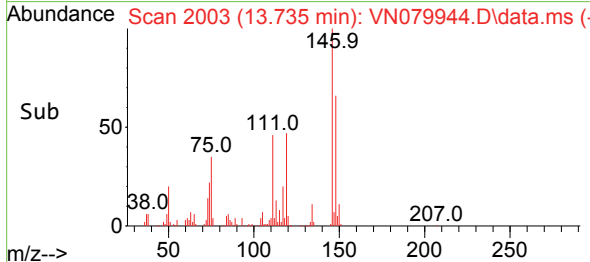
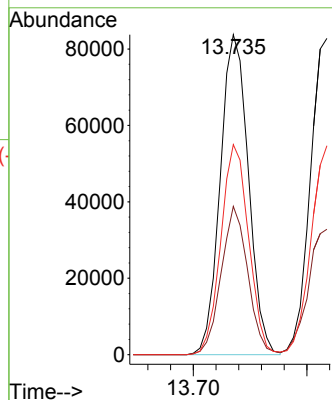
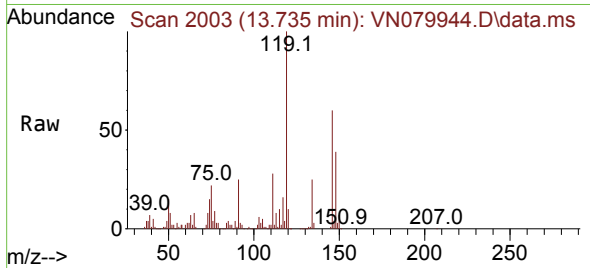




#87
1,3-Dichlorobenzene
Concen: 20.137 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

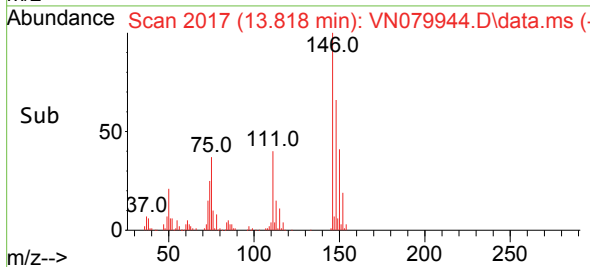
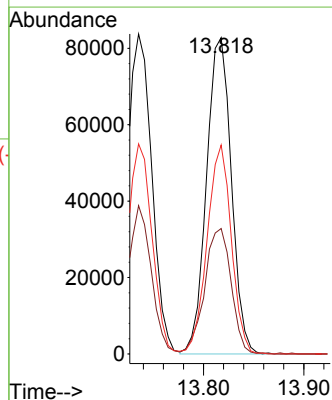
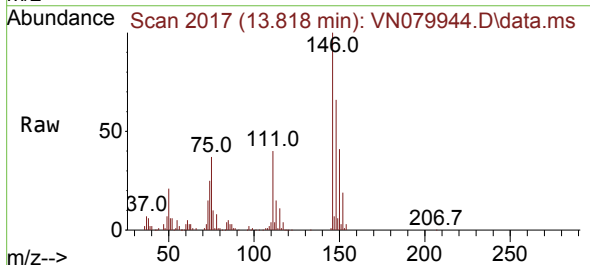
Instrument :
MSVOA_N
ClientSampleId :

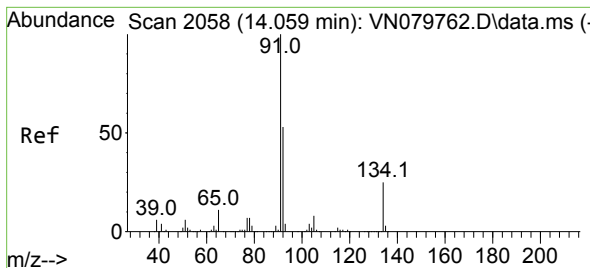
Tgt Ion:146 Resp: 144187
Ion Ratio Lower Upper
146 100
111 44.0 22.1 66.3
148 64.9 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 19.621 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion:146 Resp: 142604
Ion Ratio Lower Upper
146 100
111 42.3 20.6 61.8
148 64.5 31.6 94.8





#89

n-Butylbenzene

Concen: 18.241 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

Instrument :

MSVOA_N

ClientSampleId :

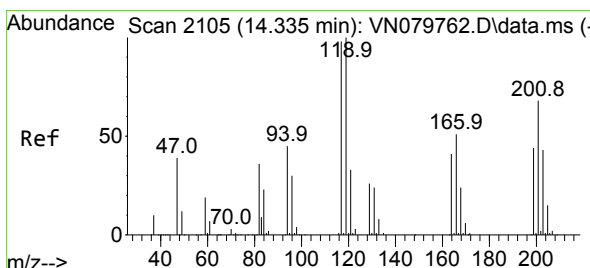
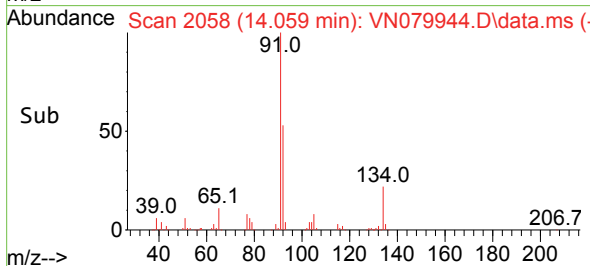
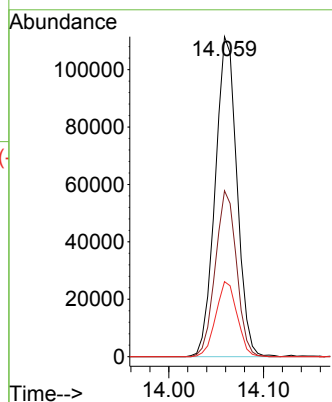
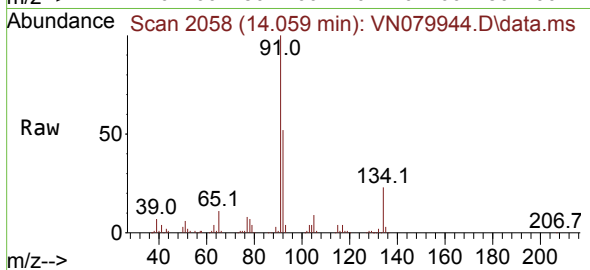
Tgt Ion: 91 Resp: 177684

Ion Ratio Lower Upper

91 100

92 50.6 26.4 79.0

134 23.0 12.6 37.6



#90

Hexachloroethane

Concen: 21.365 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079944.D

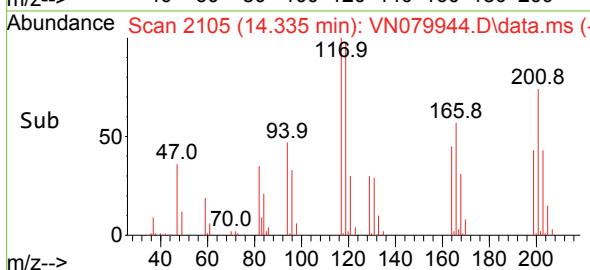
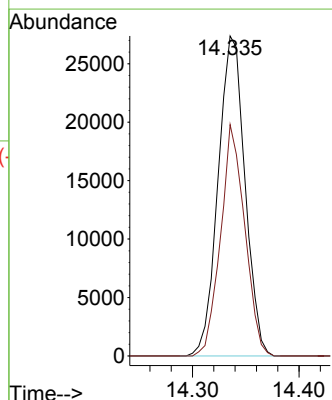
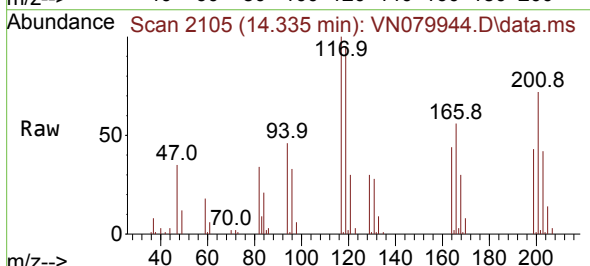
Acq: 07 Nov 2023 04:07

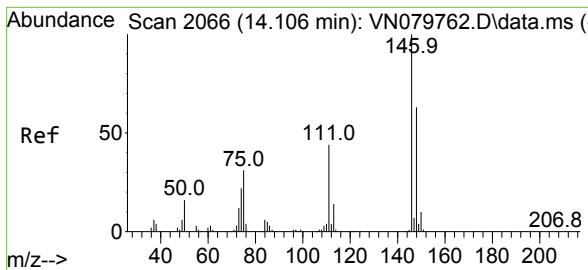
Tgt Ion: 117 Resp: 47853

Ion Ratio Lower Upper

117 100

201 65.1 29.3 88.0

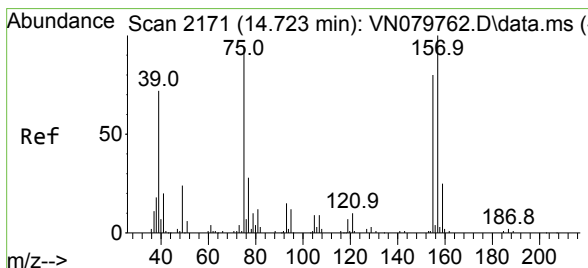
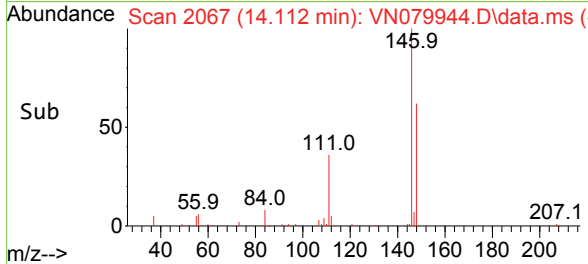
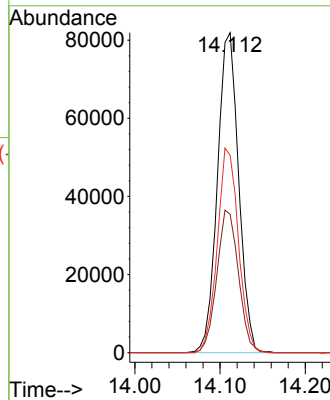
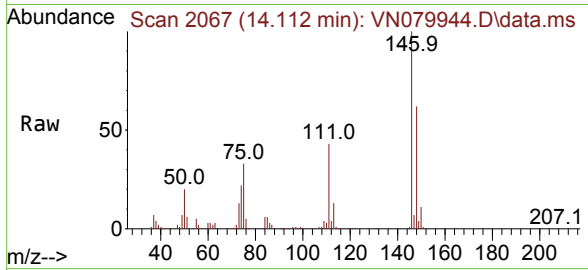




#91
1,2-Dichlorobenzene
Concen: 20.968 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

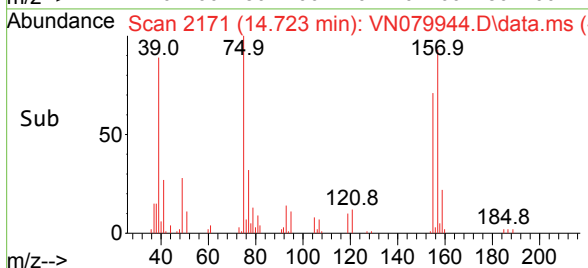
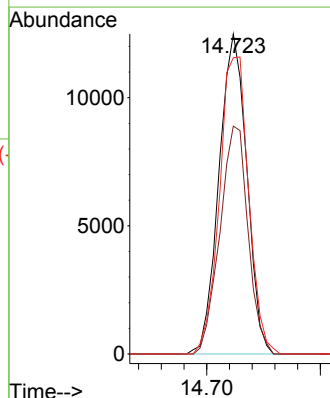
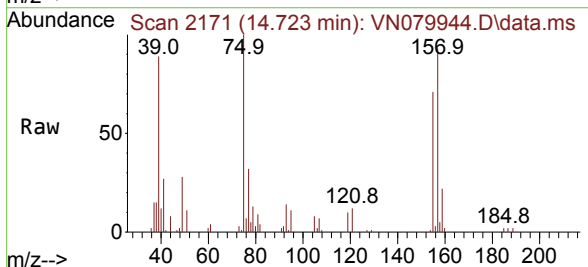
Instrument :
MSVOA_N
ClientSampleId :

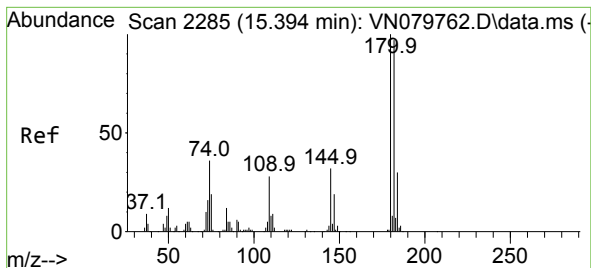
Tgt Ion:146 Resp: 141731
Ion Ratio Lower Upper
146 100
111 45.4 22.0 66.0
148 63.6 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.420 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079944.D
Acq: 07 Nov 2023 04:07

Tgt Ion: 75 Resp: 21193
Ion Ratio Lower Upper
75 100
155 72.1 39.1 117.2
157 97.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.572 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

Instrument :

MSVOA_N

ClientSampleId :

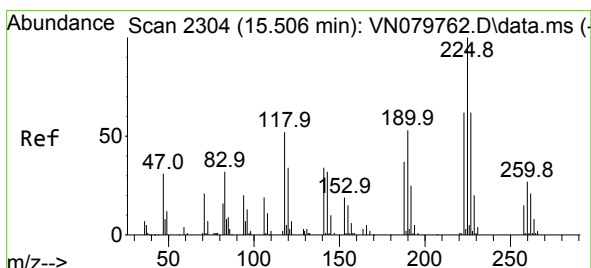
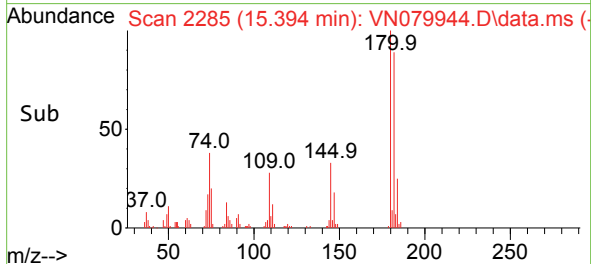
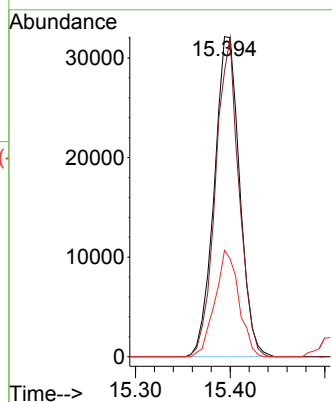
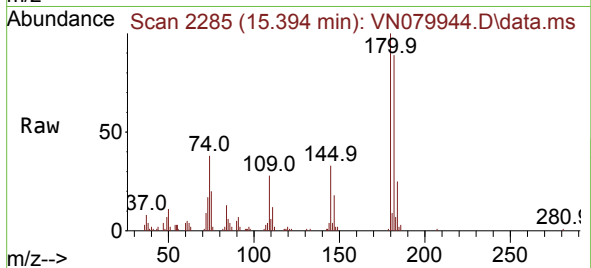
Tgt Ion:180 Resp: 59691

Ion Ratio Lower Upper

180 100

182 92.3 46.1 138.2

145 31.3 16.6 49.8



#94

Hexachlorobutadiene

Concen: 19.203 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

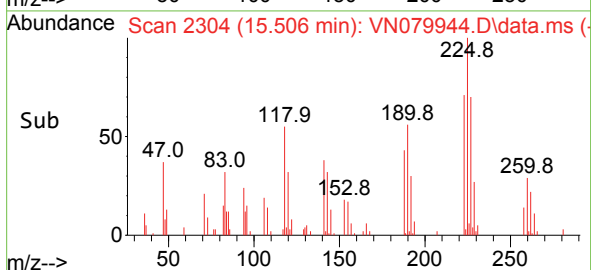
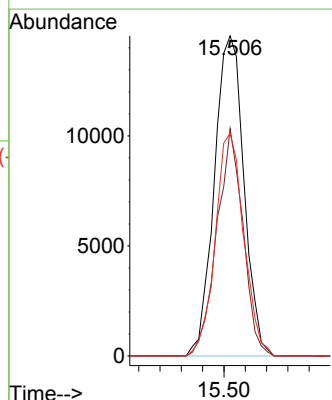
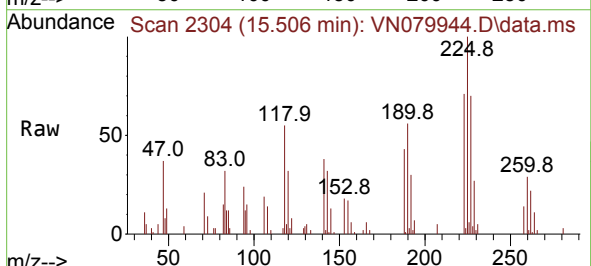
Tgt Ion:225 Resp: 27978

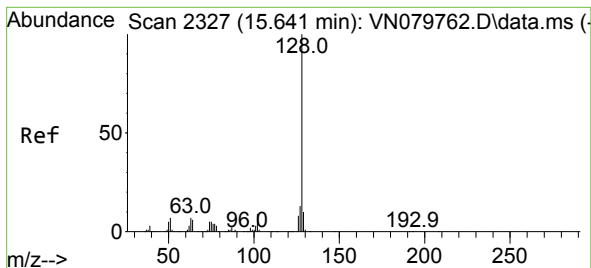
Ion Ratio Lower Upper

225 100

223 62.8 31.3 93.8

227 67.1 31.9 95.9





#95

Naphthalene

Concen: 16.349 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

Instrument :

MSVOA_N

ClientSampleId :

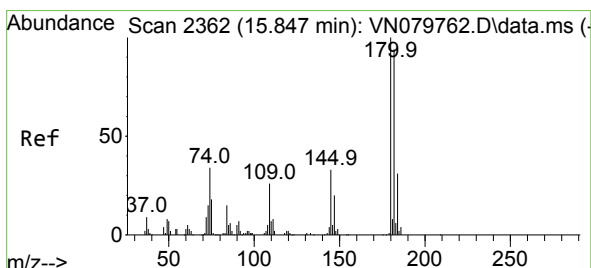
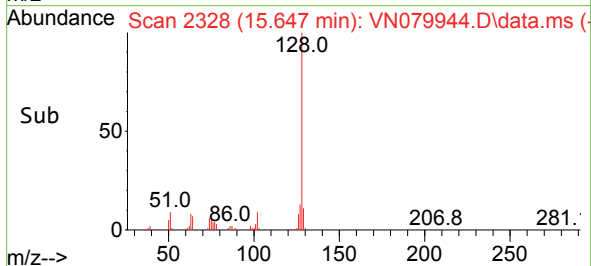
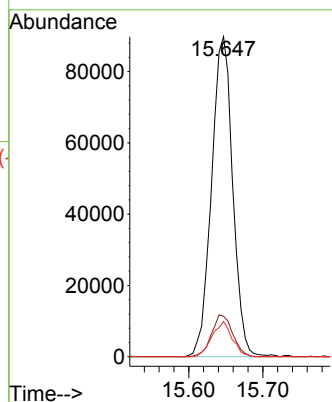
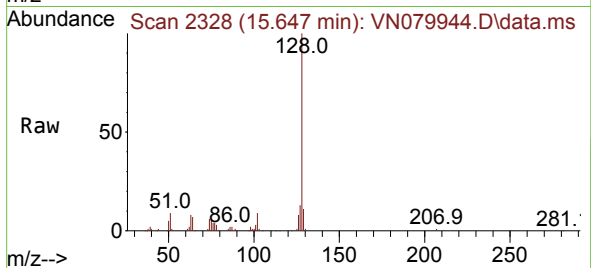
Tgt Ion:128 Resp: 178202

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 10.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.187 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079944.D

Acq: 07 Nov 2023 04:07

Tgt Ion:180 Resp: 60449

Ion Ratio Lower Upper

180 100

182 95.2 46.2 138.6

145 33.2 17.5 52.6

