

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079742.D
 Acq On : 31 Oct 2023 14:22
 Operator : JC\MD
 Sample : VN1031WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 01 01:19:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	288147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	502507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	457415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	233502	50.462	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.920%	
35) Dibromofluoromethane	8.171	113	181932	50.668	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.340%	
50) Toluene-d8	10.571	98	684412	51.131	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.260%	
62) 4-Bromofluorobenzene	12.853	95	213849	50.732	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	74799	19.664	ug/l	100
3) Chloromethane	2.365	50	87965	19.089	ug/l	99
4) Vinyl Chloride	2.518	62	93402	18.821	ug/l	93
5) Bromomethane	2.959	94	59142	18.155	ug/l	96
6) Chloroethane	3.124	64	67128	18.465	ug/l	93
7) Trichlorofluoromethane	3.500	101	109093	18.694	ug/l	98
8) Diethyl Ether	3.965	74	41574	19.686	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.377	101	61689	18.251	ug/l	97
10) Methyl Iodide	4.594	142	69072	20.304	ug/l	97
11) Tert butyl alcohol	5.518	59	48508	79.035	ug/l	100
12) 1,1-Dichloroethene	4.347	96	58575	18.502	ug/l	83
13) Acrolein	4.183	56	51822	83.937	ug/l	94
14) Allyl chloride	5.024	41	93568	17.624	ug/l #	90
15) Acrylonitrile	5.724	53	173200	91.708	ug/l	97
16) Acetone	4.430	43	138670	70.045	ug/l	89
17) Carbon Disulfide	4.712	76	167628	17.339	ug/l	98
18) Methyl Acetate	5.030	43	145725	18.245	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	200250	18.694	ug/l	94
20) Methylene Chloride	5.283	84	73932	18.859	ug/l #	82
21) trans-1,2-Dichloroethene	5.794	96	65005	18.090	ug/l #	84
22) Diisopropyl ether	6.677	45	232015	19.438	ug/l #	91
23) Vinyl Acetate	6.612	43	601012	91.457	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	135895	19.000	ug/l	99
25) 2-Butanone	7.488	43	222948	81.985	ug/l #	83
26) 2,2-Dichloropropane	7.488	77	107124	18.509	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	79750	19.275	ug/l	88
28) Bromochloromethane	7.818	49	70160	20.055	ug/l #	73
29) Tetrahydrofuran	7.847	42	151836	91.394	ug/l #	74
30) Chloroform	7.971	83	139730	19.401	ug/l	90
31) Cyclohexane	8.259	56	114391	18.120	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	116462	18.654	ug/l	96
36) 1,1-Dichloropropene	8.371	75	100796	18.922	ug/l	94
37) Ethyl Acetate	7.565	43	98961	18.743	ug/l #	89
38) Carbon Tetrachloride	8.365	117	100427	18.906	ug/l	98
39) Methylcyclohexane	9.606	83	96188	18.154	ug/l #	80
40) Benzene	8.612	78	301704	19.190	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	51087	18.552	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	109663	19.205	ug/l	98
43) Isopropyl Acetate	8.694	43	159008	18.838	ug/l #	90
44) Trichloroethene	9.359	130	72288	18.981	ug/l	91
45) 1,2-Dichloropropane	9.624	63	79783	19.107	ug/l	96
46) Dibromomethane	9.712	93	52897	18.783	ug/l	99
47) Bromodichloromethane	9.894	83	109314	19.349	ug/l	99
48) Methyl methacrylate	9.682	41	73709	18.835	ug/l #	80
49) 1,4-Dioxane	9.700	88	23772	345.200	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	487277	92.778	ug/l	88
52) Toluene	10.635	92	187669	19.553	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	107423	18.830	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	121110	19.403	ug/l #	92
55) 1,1,2-Trichloroethane	11.018	97	72514	19.104	ug/l	90
56) Ethyl methacrylate	10.876	69	99744	18.607	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	128868	19.400	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	176371	89.304	ug/l	90
59) 2-Hexanone	11.200	43	330726	85.641	ug/l	88
60) Dibromochloromethane	11.365	129	73807	18.791	ug/l	99
61) 1,2-Dibromoethane	11.470	107	69946	18.496	ug/l	100
64) Tetrachloroethene	11.106	164	61759	19.033	ug/l	97
65) Chlorobenzene	11.894	112	186519	18.423	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	70212	18.664	ug/l	98
67) Ethyl Benzene	11.965	91	337057	18.897	ug/l	100
68) m/p-Xylenes	12.070	106	250914	38.035	ug/l	94
69) o-Xylene	12.400	106	118484	18.678	ug/l	93
70) Styrene	12.412	104	193188	19.012	ug/l	97
71) Bromoform	12.582	173	47204	17.519	ug/l #	99
73) Isopropylbenzene	12.700	105	303333	18.354	ug/l	100
74) N-amyl acetate	12.494	43	115324	17.544	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	102129	17.455	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	122448	24.715	ug/l	73
77) Bromobenzene	12.982	156	72184	18.573	ug/l	96
78) n-propylbenzene	13.035	91	370290	19.450	ug/l	97
79) 2-Chlorotoluene	13.129	91	218774	18.435	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	255475	18.964	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	27146	16.527	ug/l #	80
82) 4-Chlorotoluene	13.223	91	209924	18.416	ug/l	99
83) tert-Butylbenzene	13.441	119	205889	18.648	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	248119	19.091	ug/l	100
85) sec-Butylbenzene	13.617	105	289432	18.794	ug/l	99
86) p-Isopropyltoluene	13.729	119	230237	18.771	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	118338	17.998	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	116016	17.712	ug/l	99
89) n-Butylbenzene	14.059	91	185517	19.037	ug/l	100
90) Hexachloroethane	14.335	117	47102	18.174	ug/l	94
91) 1,2-Dichlorobenzene	14.111	146	114113	17.844	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15450	17.122	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	30412	15.954	ug/l	97
94) Hexachlorobutadiene	15.506	225	29191	17.259	ug/l	95
95) Naphthalene	15.647	128	86868	15.697	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	35008	16.446	ug/l	99

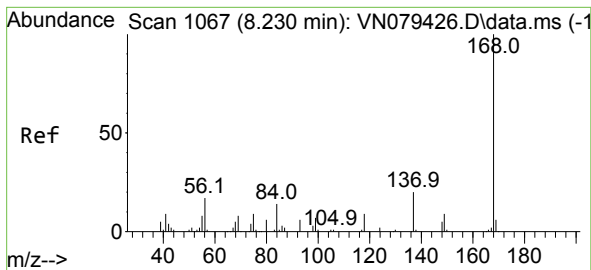
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

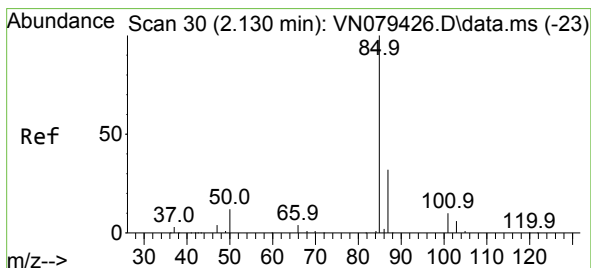
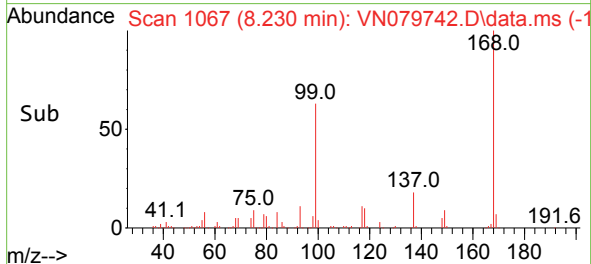
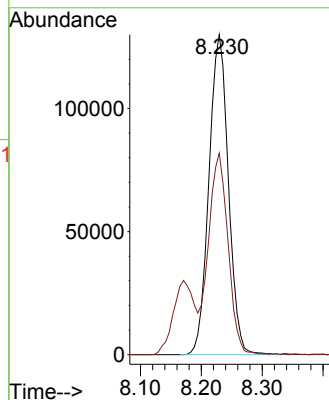
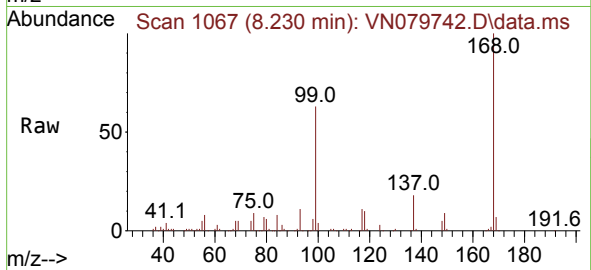
ClientSampleId :

Tgt Ion:168 Resp: 288147

Ion Ratio Lower Upper

168 100

99 62.9 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 19.664 ug/l

RT: 2.130 min Scan# 30

Delta R.T. -0.000 min

Lab File: VN079742.D

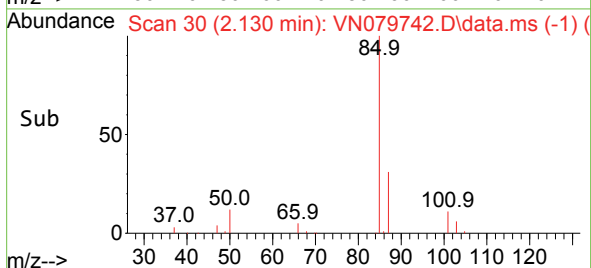
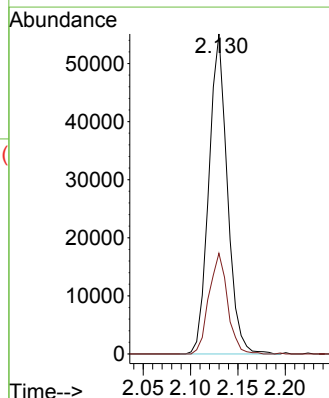
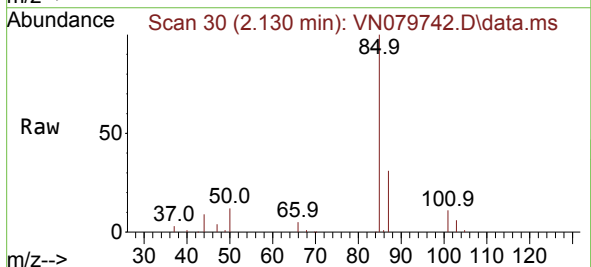
Acq: 31 Oct 2023 14:22

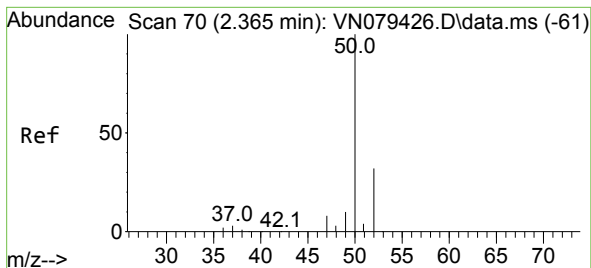
Tgt Ion: 85 Resp: 74799

Ion Ratio Lower Upper

85 100

87 31.5 15.8 47.4





#3

Chloromethane

Concen: 19.089 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

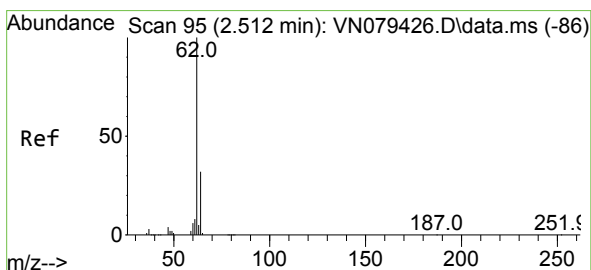
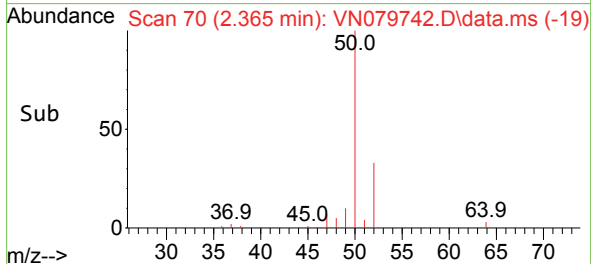
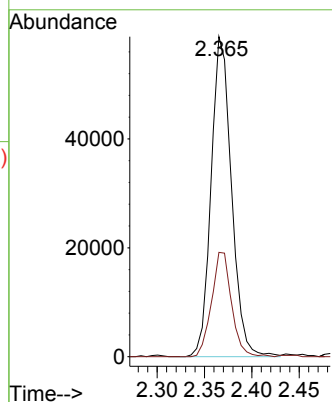
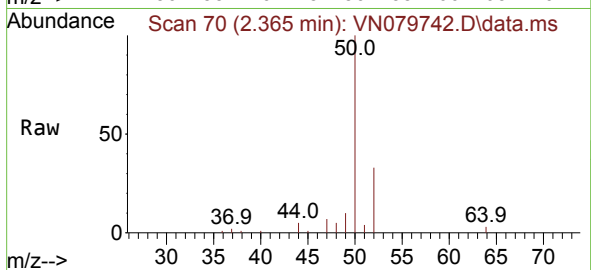
ClientSampleId :

Tgt Ion: 50 Resp: 87965

Ion Ratio Lower Upper

50 100

52 32.6 26.5 39.7



#4

Vinyl Chloride

Concen: 18.821 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN079742.D

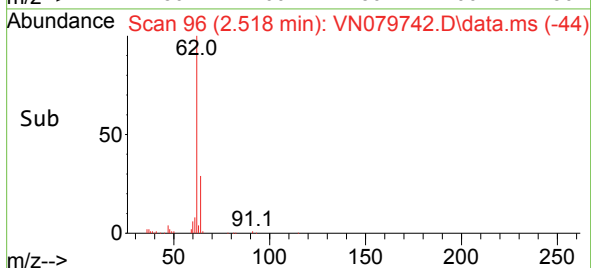
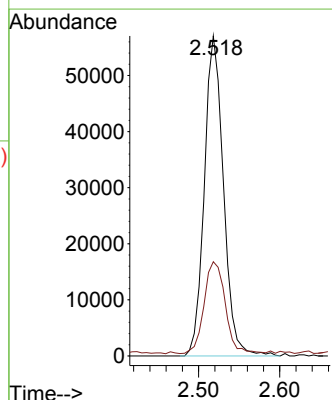
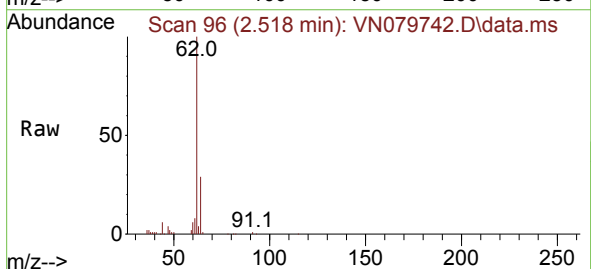
Acq: 31 Oct 2023 14:22

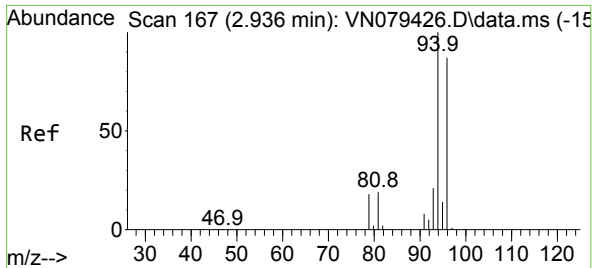
Tgt Ion: 62 Resp: 93402

Ion Ratio Lower Upper

62 100

64 28.7 26.2 39.2

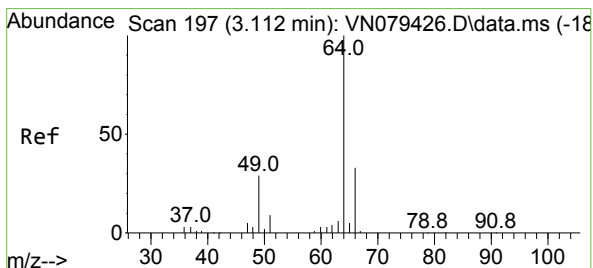
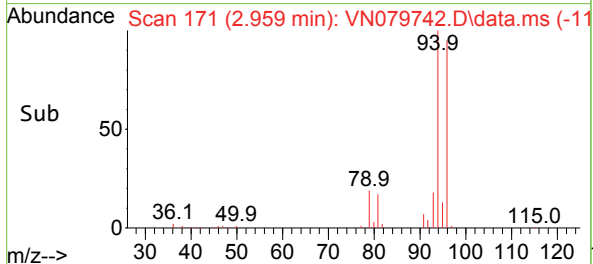
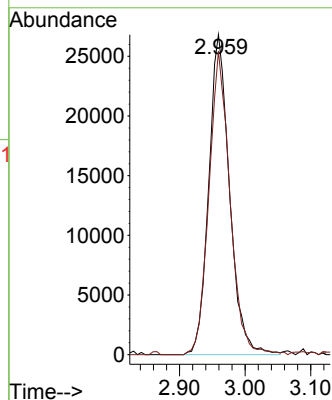
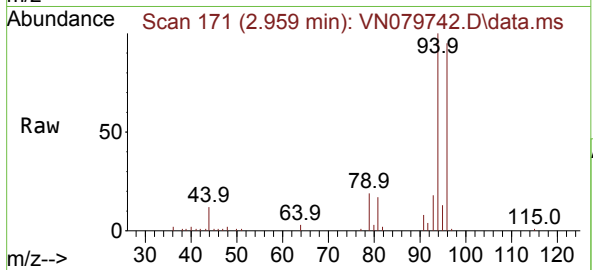




#5
Bromomethane
Concen: 18.155 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

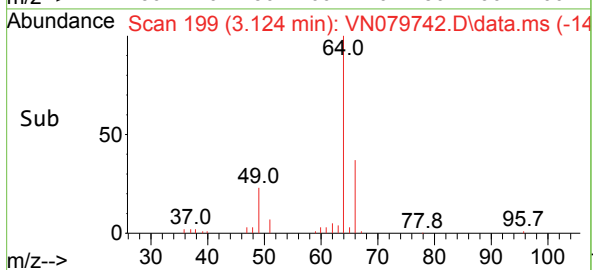
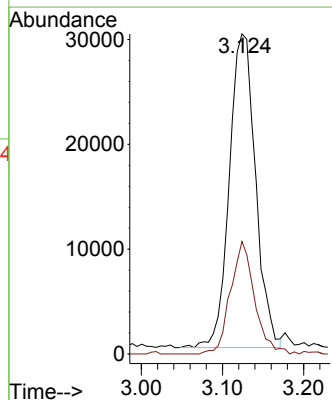
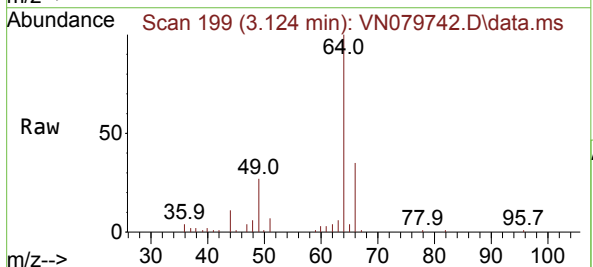
Instrument :
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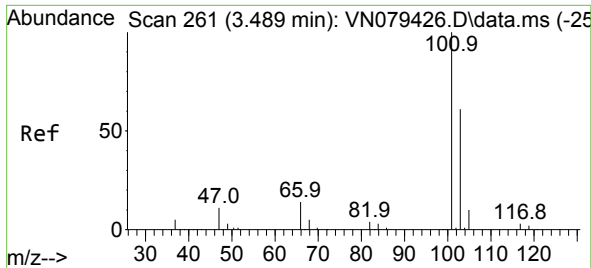
Tgt Ion: 94 Resp: 59142
Ion Ratio Lower Upper
94 100
96 94.8 73.1 109.7



#6
Chloroethane
Concen: 18.465 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 64 Resp: 67128
Ion Ratio Lower Upper
64 100
66 35.9 25.4 38.2

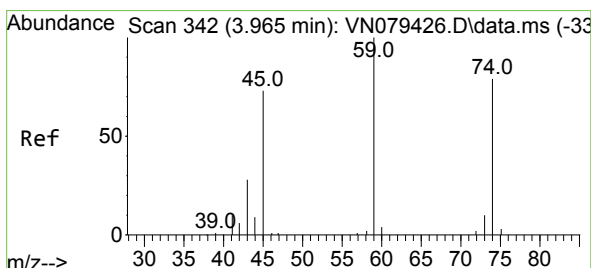
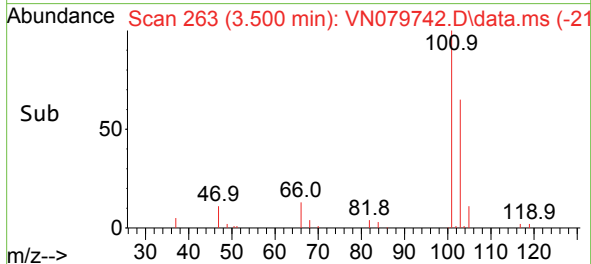
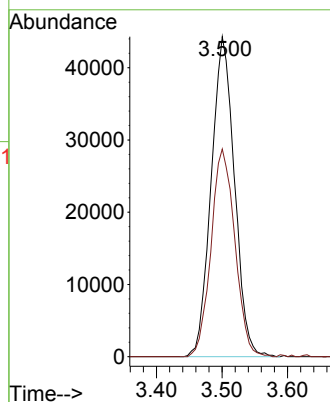
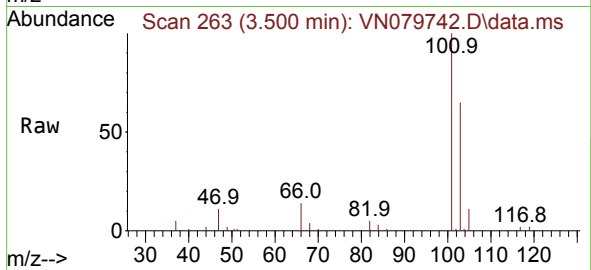




#7
 Trichlorofluoromethane
 Concen: 18.694 ug/l
 RT: 3.500 min Scan# 261
 Delta R.T. 0.011 min
 Lab File: VN079742.D
 Acq: 31 Oct 2023 14:22

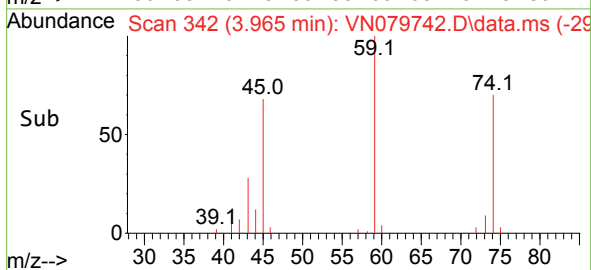
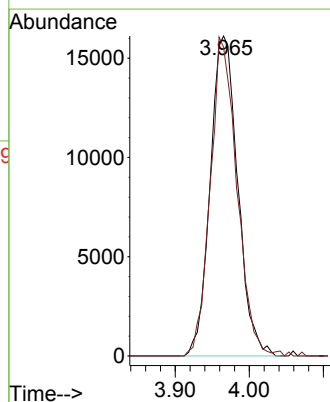
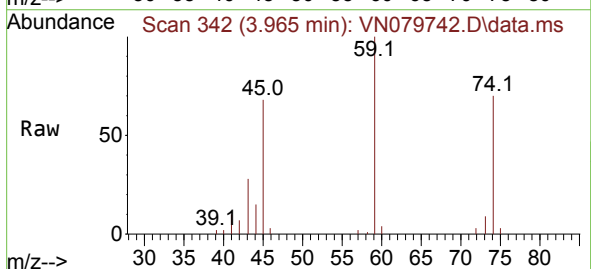
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:101 Resp: 109093
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.7 76.1



#8
 Diethyl Ether
 Concen: 19.686 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN079742.D
 Acq: 31 Oct 2023 14:22

Tgt Ion: 74 Resp: 41574
 Ion Ratio Lower Upper
 74 100
 45 96.4 34.4 103.3

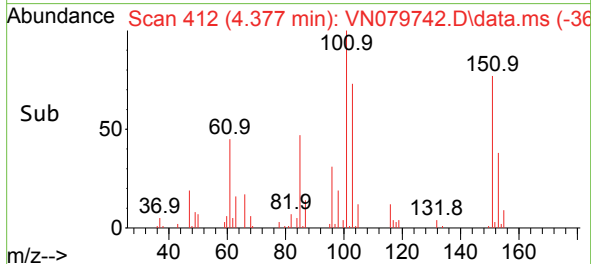
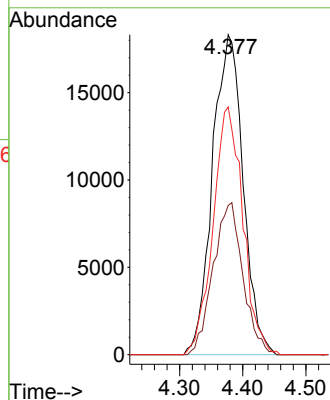
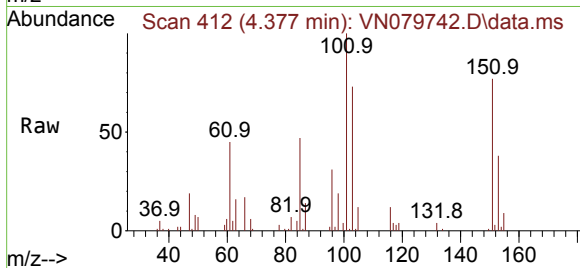




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.251 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

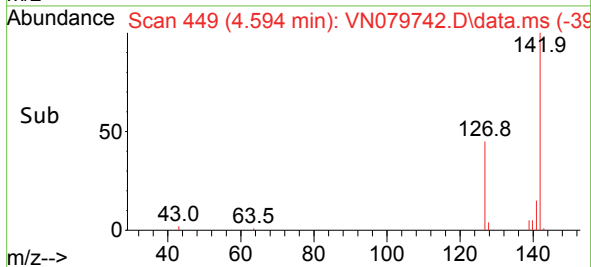
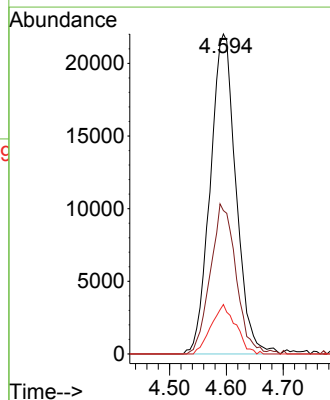
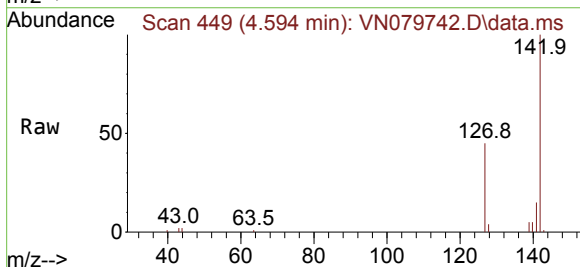
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 61689
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 75.4 57.6 86.4



#10
Methyl Iodide
Concen: 20.304 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion:142 Resp: 69072
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 15.5 11.4 17.0

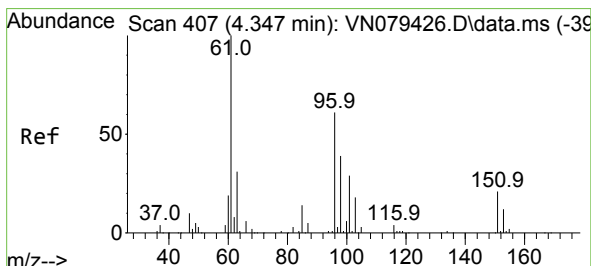
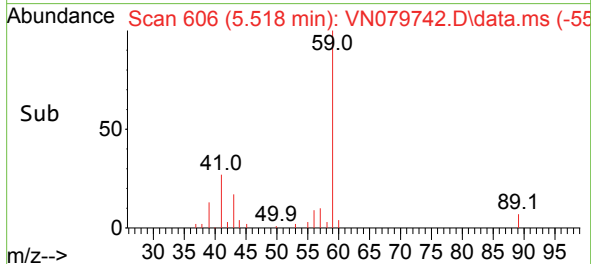
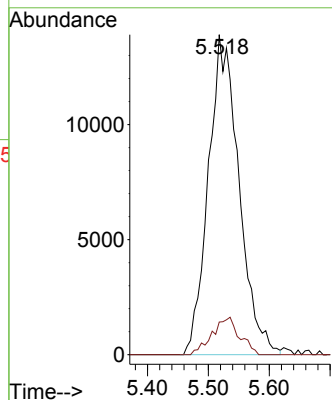
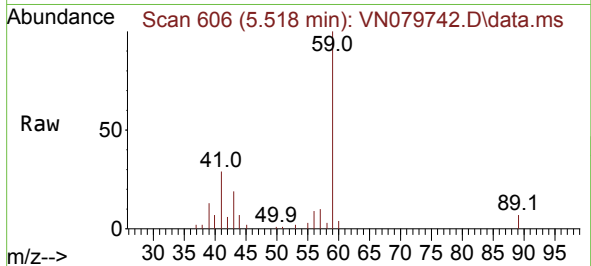




#11
Tert butyl alcohol
Concen: 79.035 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

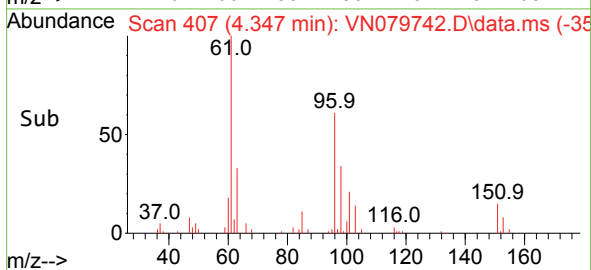
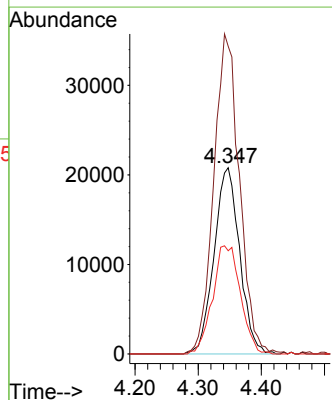
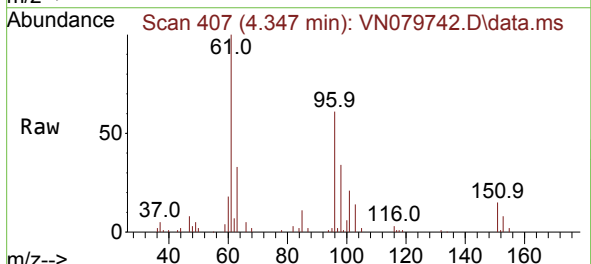
Instrument :
MSVOA_N
ClientSampleId :

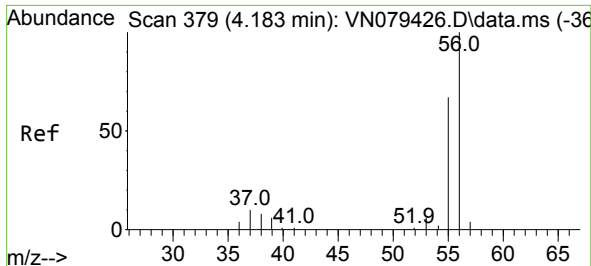
Tgt Ion: 59 Resp: 48508
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.502 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 96 Resp: 58575
Ion Ratio Lower Upper
96 100
61 165.1 112.7 169.1
98 55.4 51.2 76.8





#13

Acrolein

Concen: 83.937 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

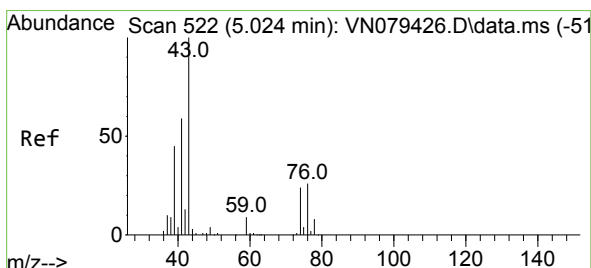
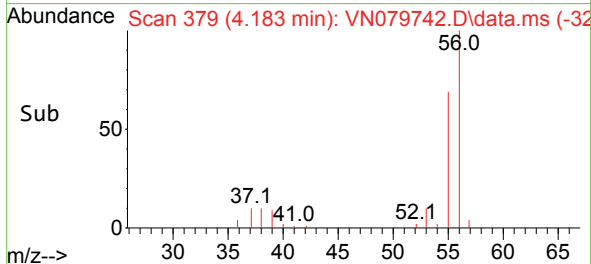
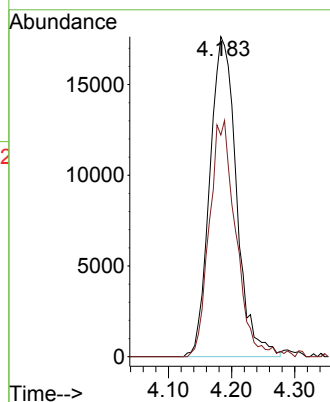
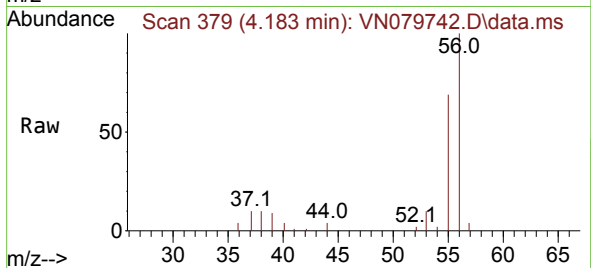
ClientSampleId :

Tgt Ion: 56 Resp: 51822

Ion Ratio Lower Upper

56 100

55 73.3 54.5 81.7



#14

Allyl chloride

Concen: 17.624 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

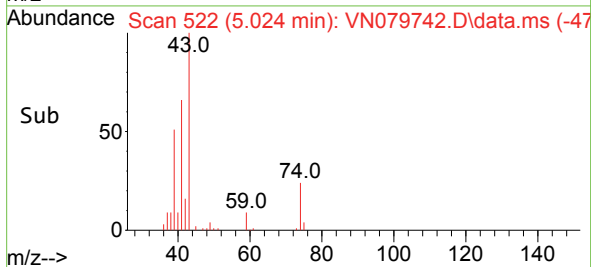
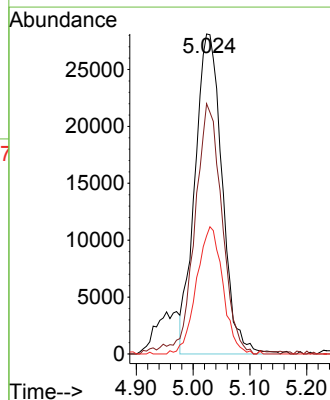
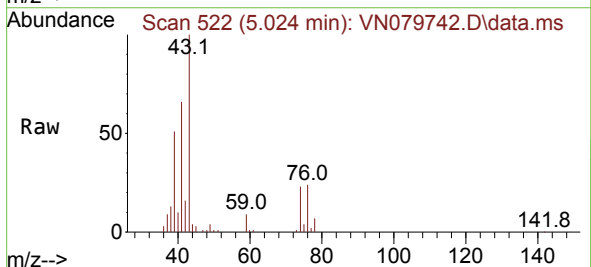
Tgt Ion: 41 Resp: 93568

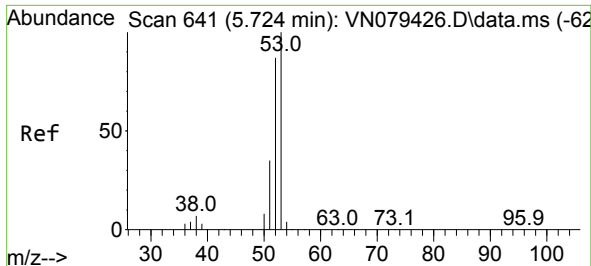
Ion Ratio Lower Upper

41 100

39 78.4 58.8 88.2

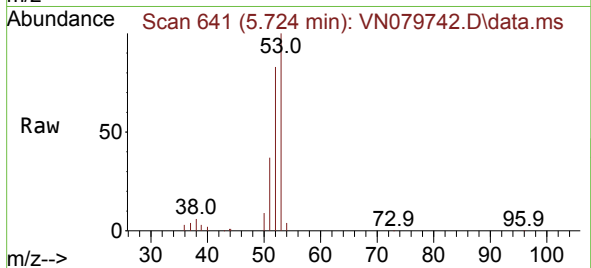
76 38.4 39.1 58.7#



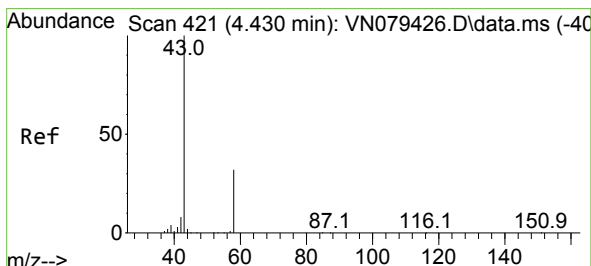
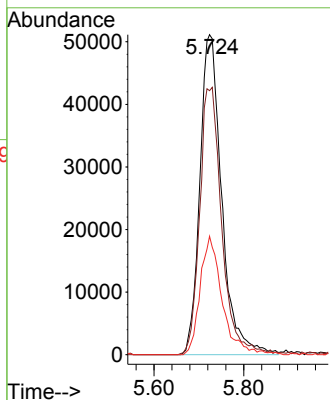
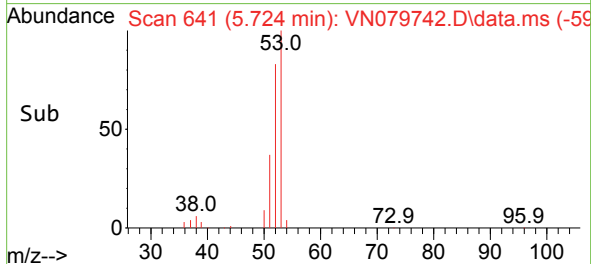


#15
Acrylonitrile
Concen: 91.708 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :

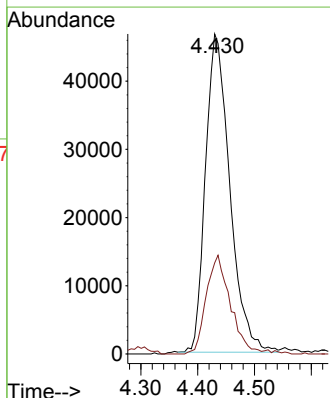
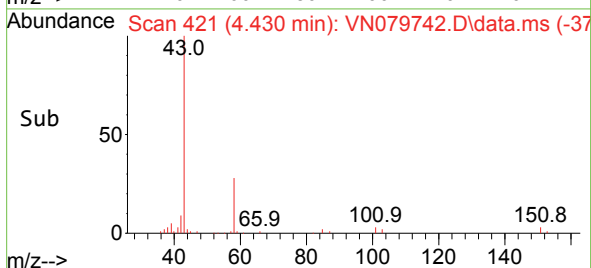
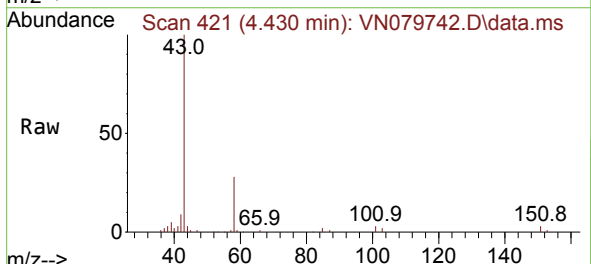


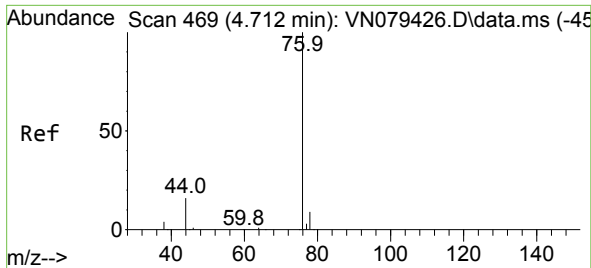
Tgt Ion: 53 Resp: 173200
Ion Ratio Lower Upper
53 100
52 84.2 65.3 97.9
51 37.3 28.9 43.3



#16
Acetone
Concen: 70.045 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 43 Resp: 138670
Ion Ratio Lower Upper
43 100
58 28.6 28.0 42.0

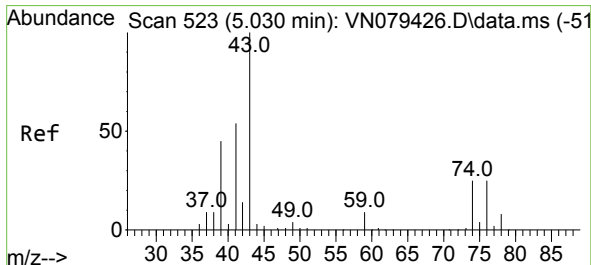
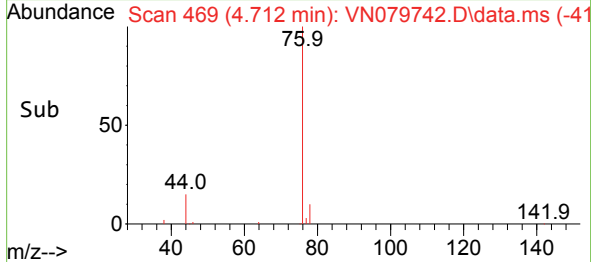
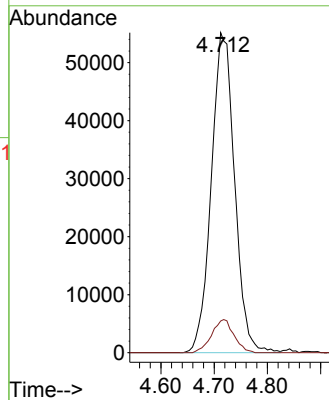
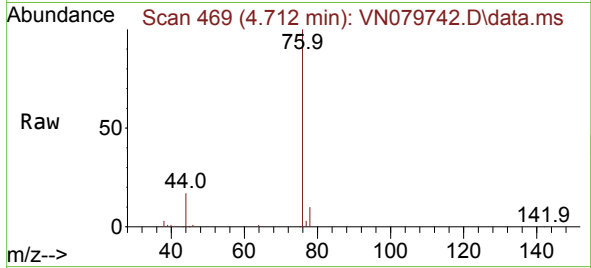




#17
Carbon Disulfide
Concen: 17.339 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

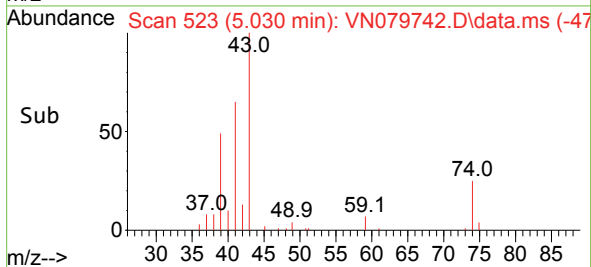
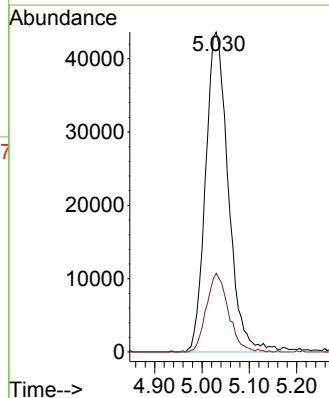
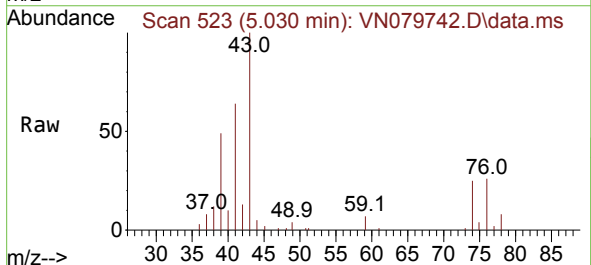
Instrument :
MSVOA_N
ClientSampleId :

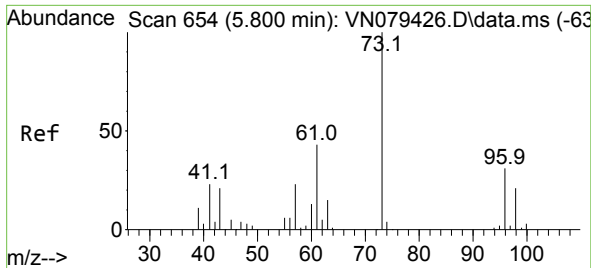
Tgt Ion: 76 Resp: 167628
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#18
Methyl Acetate
Concen: 18.245 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 43 Resp: 145725
Ion Ratio Lower Upper
43 100
74 23.7 26.2 39.4#

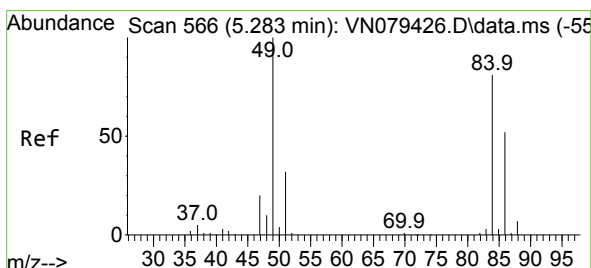
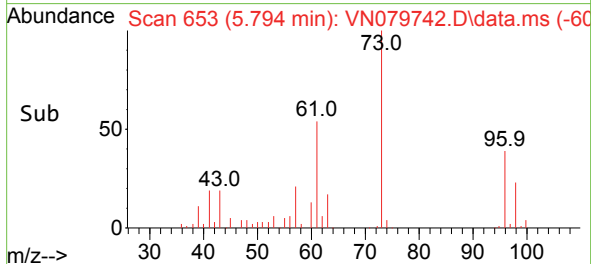
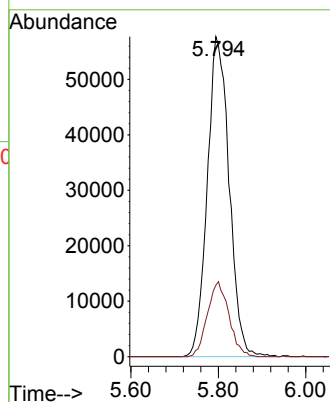
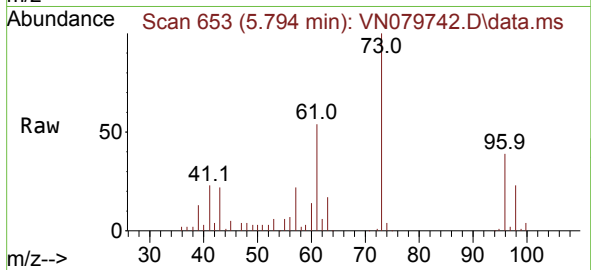




#19
Methyl tert-butyl Ether
Concen: 18.694 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

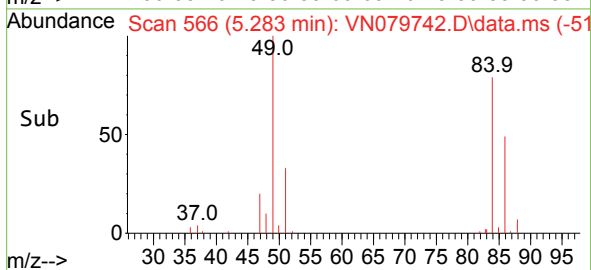
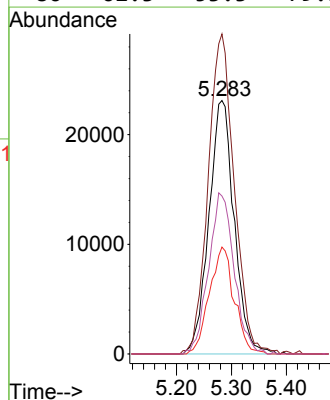
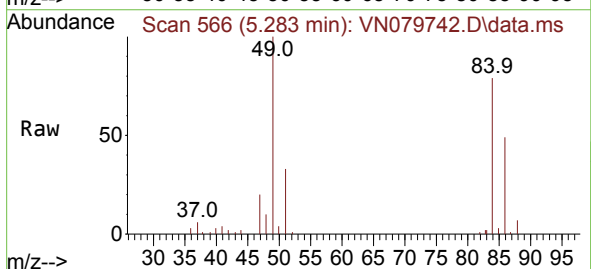
Instrument :
MSVOA_N
ClientSampleId :

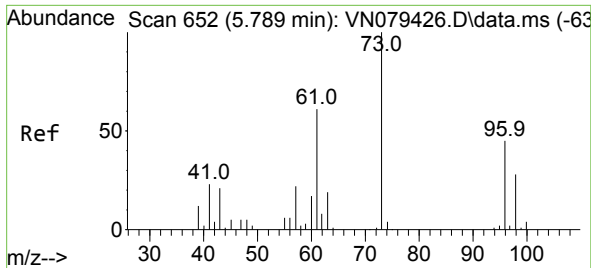
Tgt Ion: 73 Resp: 200250
Ion Ratio Lower Upper
73 100
57 22.4 15.6 23.4



#20
Methylene Chloride
Concen: 18.859 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 84 Resp: 73932
Ion Ratio Lower Upper
84 100
49 126.3 79.7 119.5#
51 42.2 25.2 37.8#
86 62.3 53.3 79.9

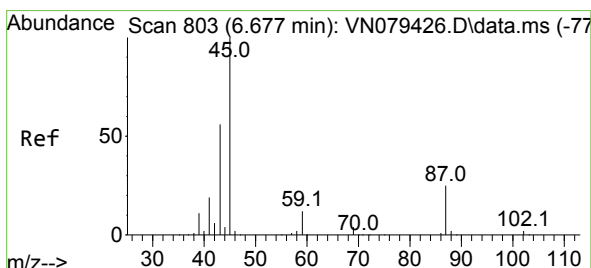
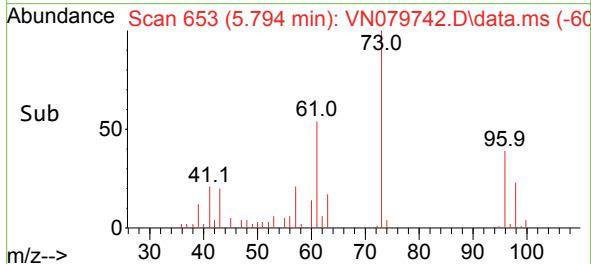
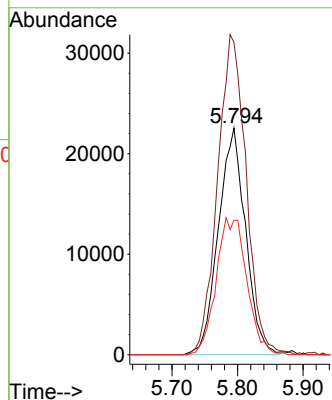
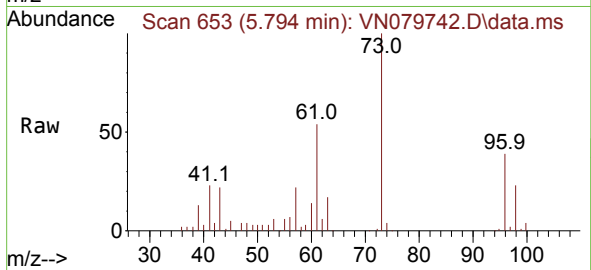




#21
trans-1,2-Dichloroethene
Concen: 18.090 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

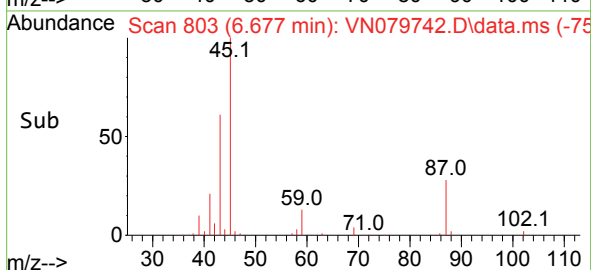
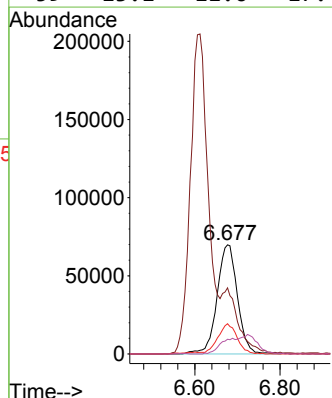
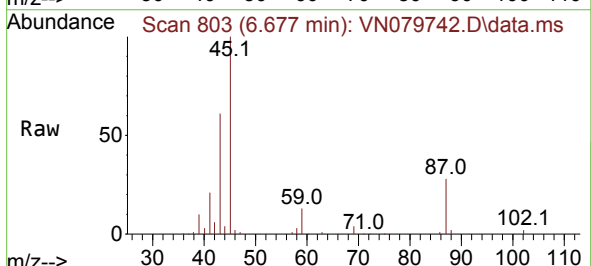
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 96 Resp: 65005
Ion Ratio Lower Upper
96 100
61 137.8 90.1 135.1#
98 59.2 46.4 69.6



#22
Diisopropyl ether
Concen: 19.438 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 45 Resp: 232015
Ion Ratio Lower Upper
45 100
43 59.1 45.5 68.3
87 27.8 31.8 47.8#
59 13.1 11.6 17.4

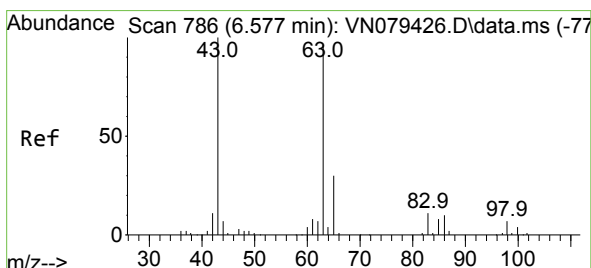
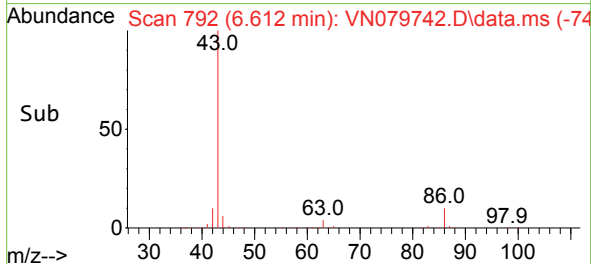
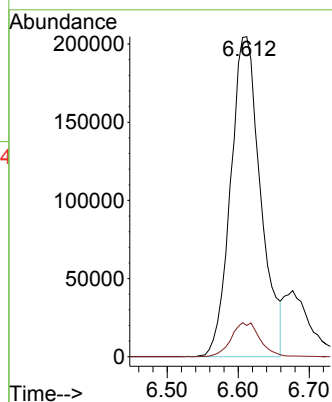
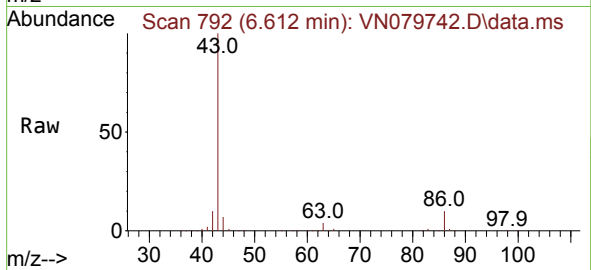




#23
 Vinyl Acetate
 Concen: 91.457 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079742.D
 Acq: 31 Oct 2023 14:22

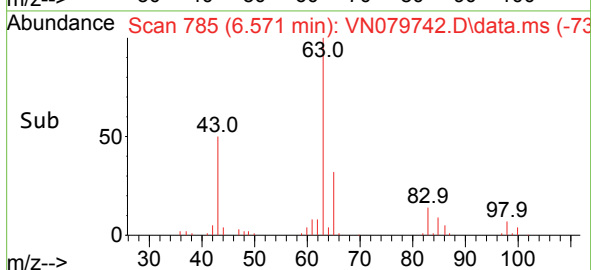
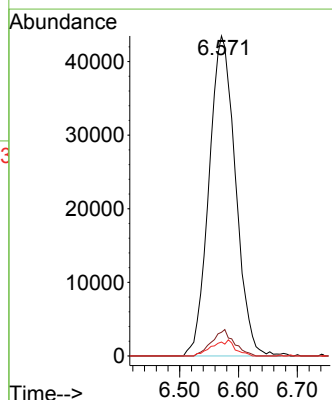
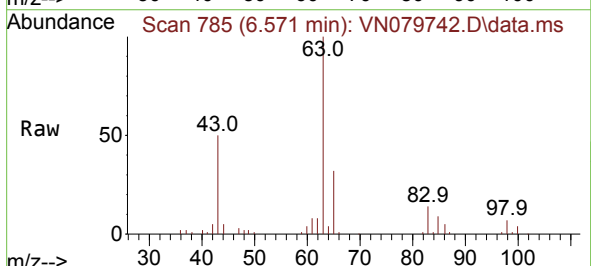
Instrument :
 MSVOA_N
 ClientSampleId :

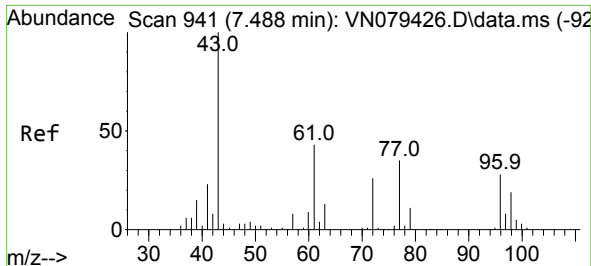
Tgt Ion: 43 Resp: 601012
 Ion Ratio Lower Upper
 43 100
 86 9.7 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.000 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079742.D
 Acq: 31 Oct 2023 14:22

Tgt Ion: 63 Resp: 135895
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.3 2.5 7.4

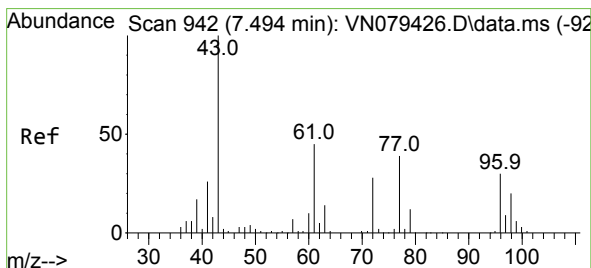
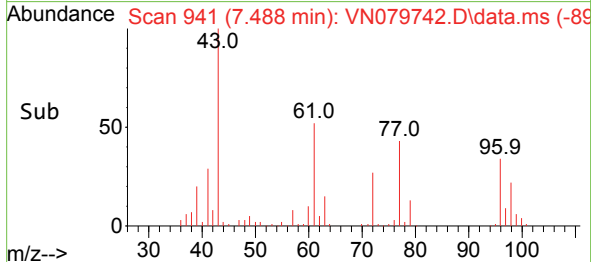
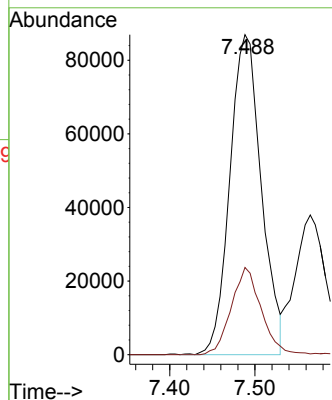
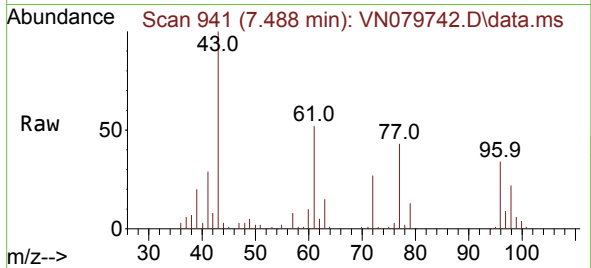




#25
2-Butanone
Concen: 81.985 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

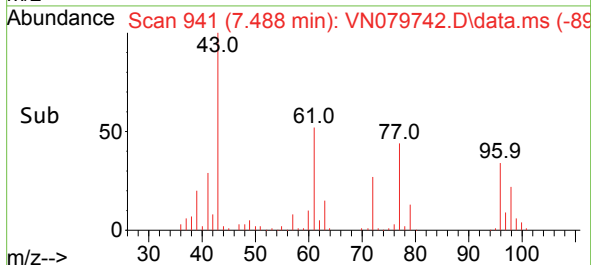
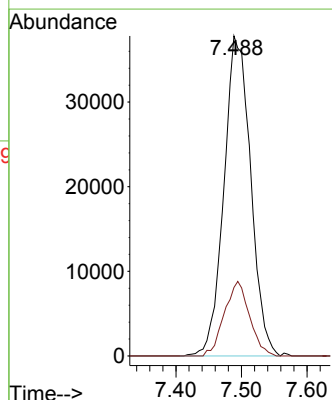
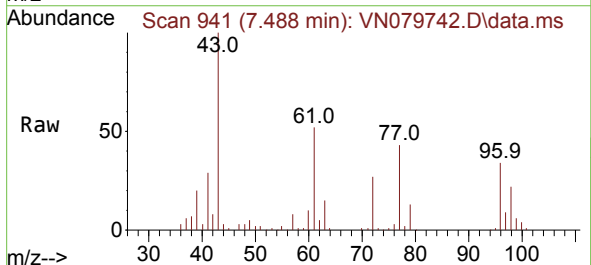
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 222948
Ion Ratio Lower Upper
43 100
72 27.3 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 18.509 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 77 Resp: 107124
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.275 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

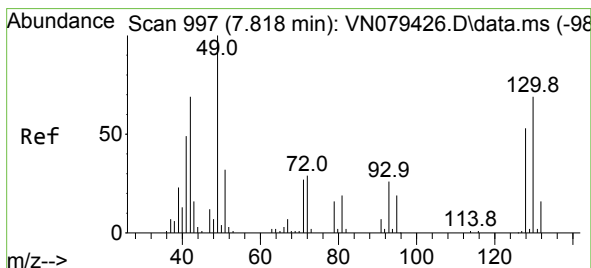
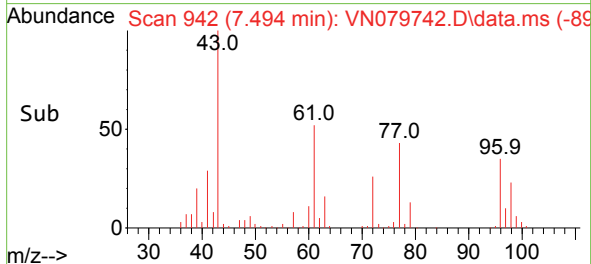
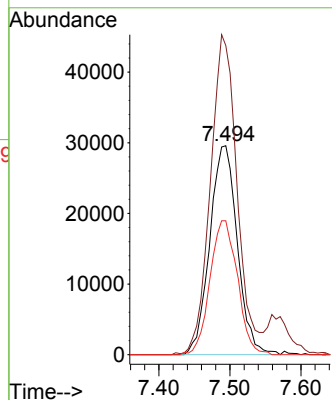
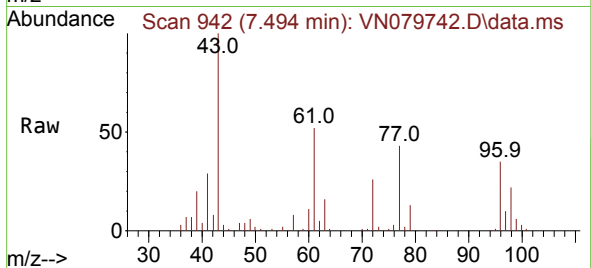
Tgt Ion: 96 Resp: 79750

Ion Ratio Lower Upper

96 100

61 148.8 0.0 255.2

98 64.0 0.0 128.8



#28

Bromochloromethane

Concen: 20.055 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

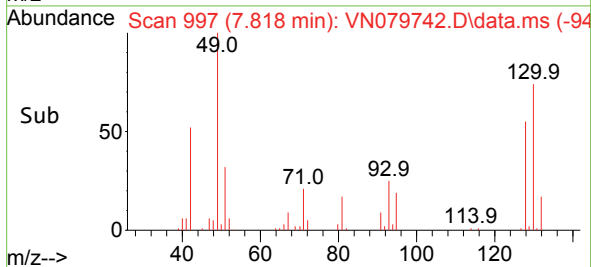
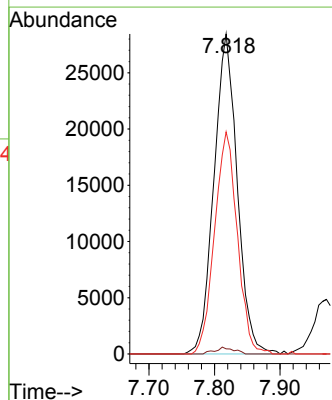
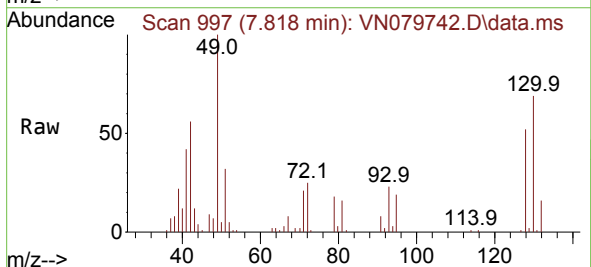
Tgt Ion: 49 Resp: 70160

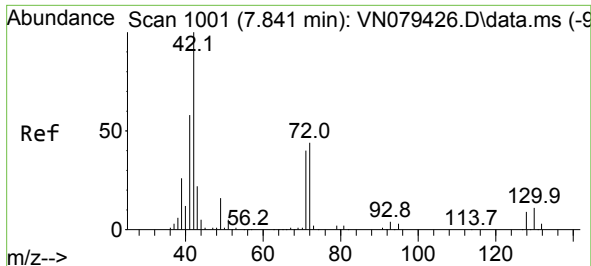
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.8

130 67.8 75.3 112.9#

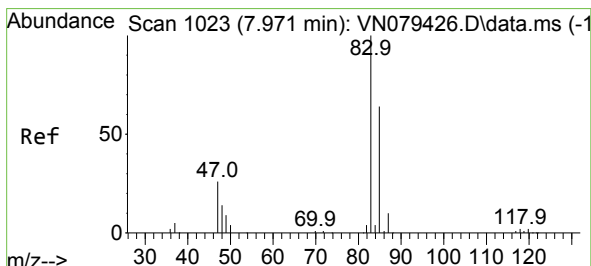
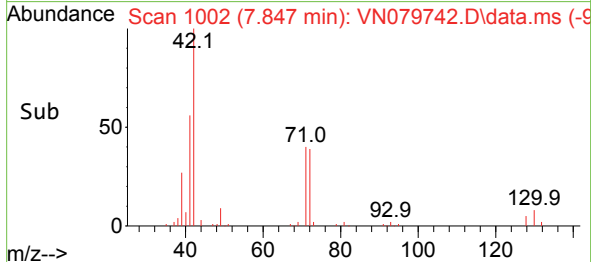
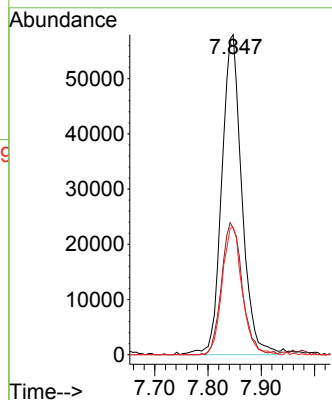
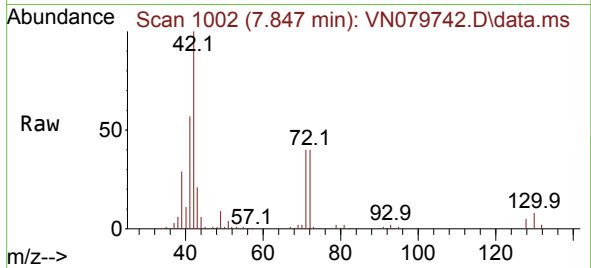




#29
Tetrahydrofuran
Concen: 91.394 ug/l
RT: 7.847 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

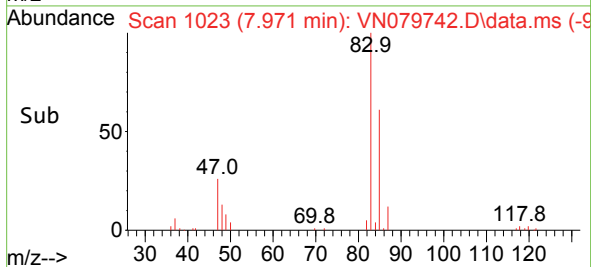
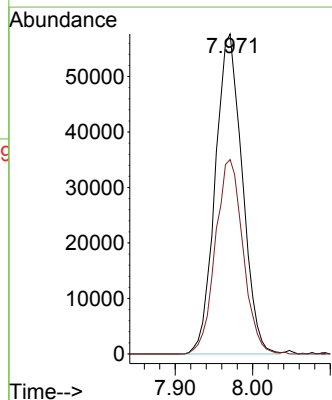
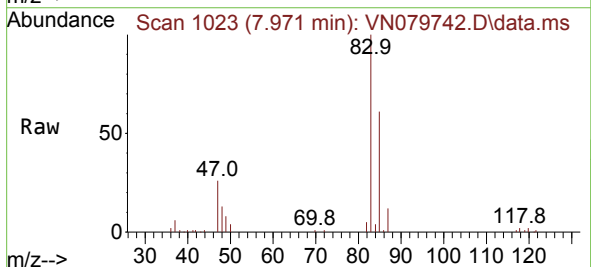
Instrument :
MSVOA_N
ClientSampleId :

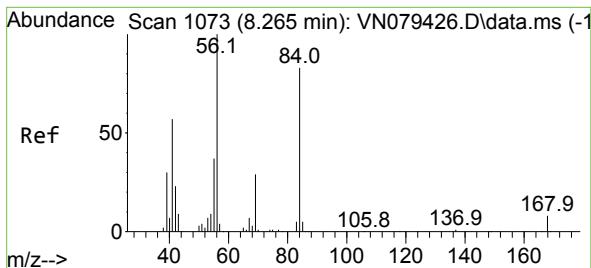
Tgt Ion: 42 Resp: 151836
Ion Ratio Lower Upper
42 100
72 42.3 49.8 74.6#
71 39.8 47.4 71.2#



#30
Chloroform
Concen: 19.401 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 83 Resp: 139730
Ion Ratio Lower Upper
83 100
85 60.8 55.4 83.0





#31

Cyclohexane

Concen: 18.120 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

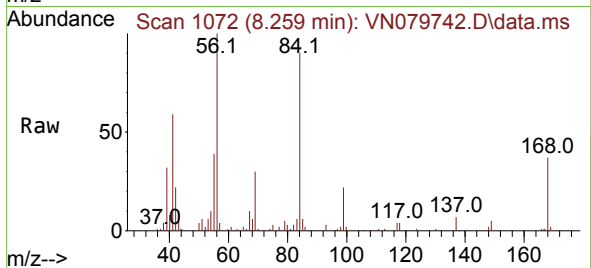
Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :



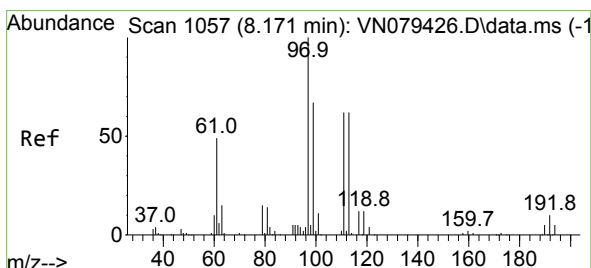
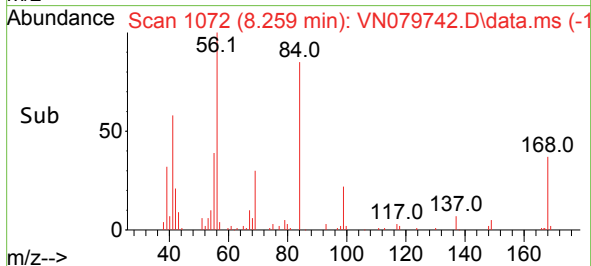
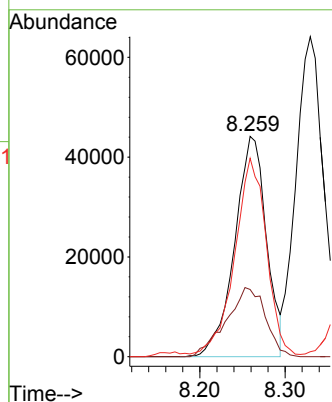
Tgt Ion: 56 Resp: 114391

Ion Ratio Lower Upper

56 100

69 30.5 26.8 40.2

84 88.7 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 18.654 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

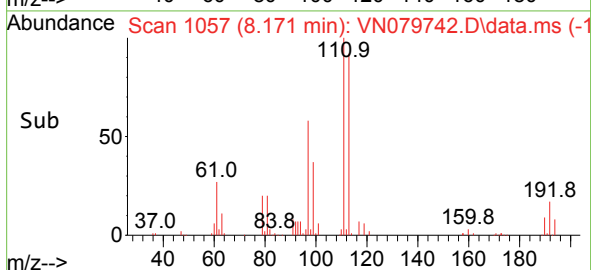
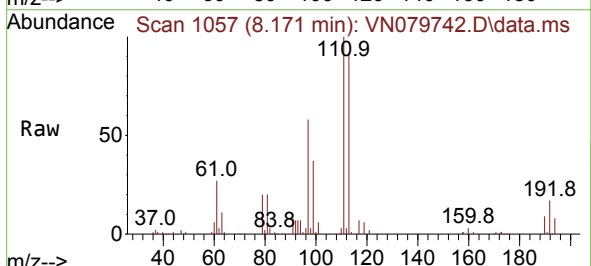
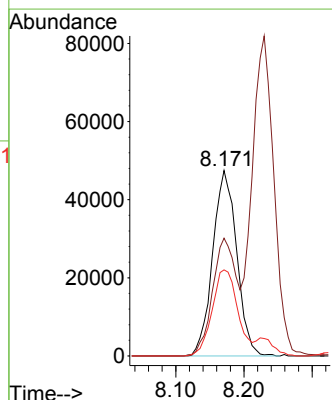
Tgt Ion: 97 Resp: 116462

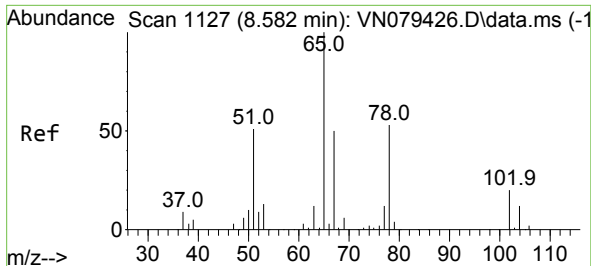
Ion Ratio Lower Upper

97 100

99 62.3 50.3 75.5

61 49.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.462 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

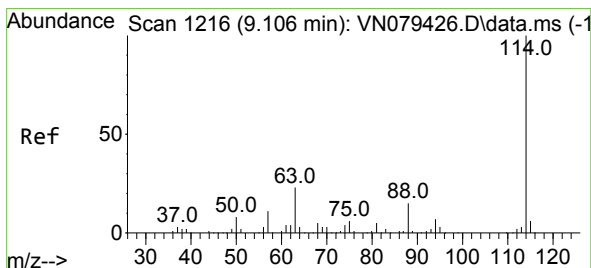
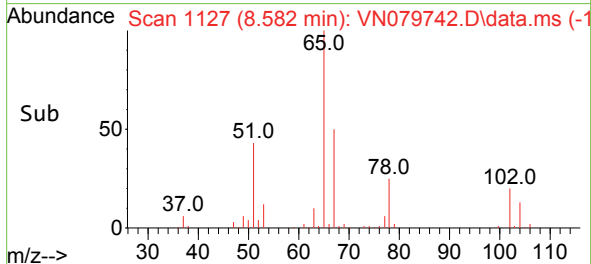
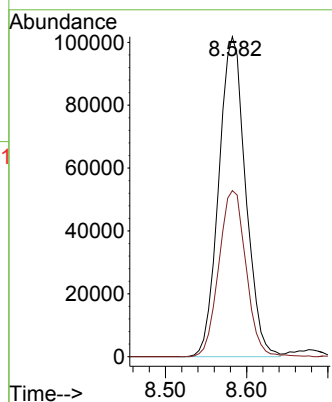
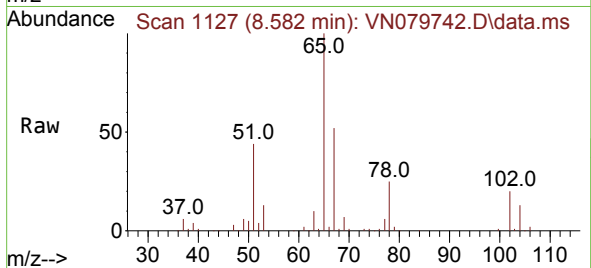
ClientSampleId :

Tgt Ion: 65 Resp: 233502

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

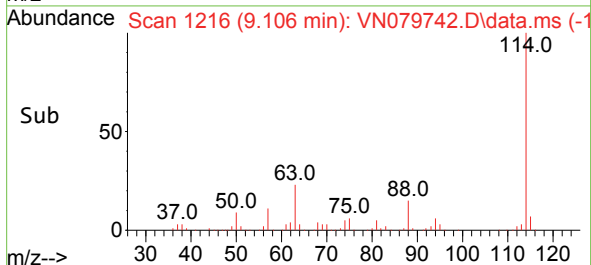
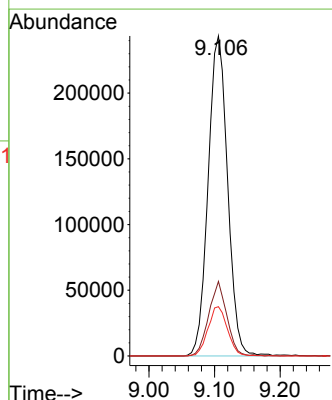
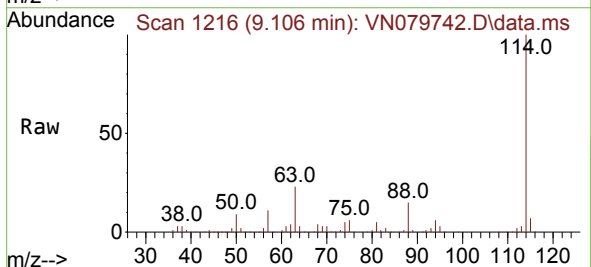
Tgt Ion: 114 Resp: 502507

Ion Ratio Lower Upper

114 100

63 23.3 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.668 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

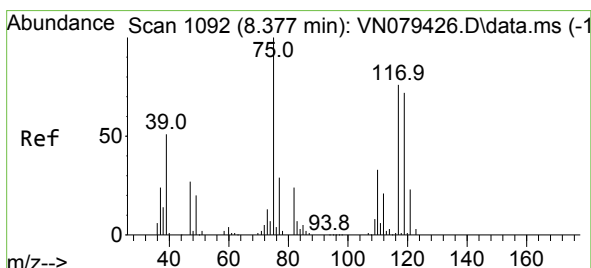
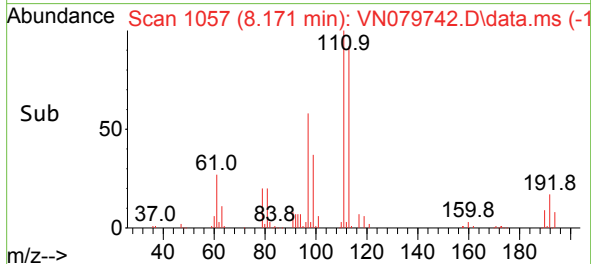
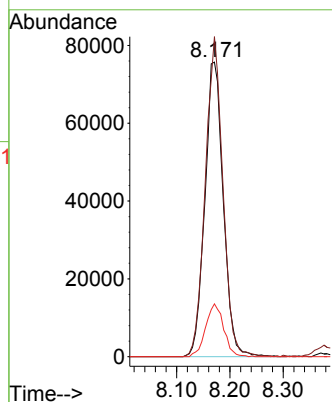
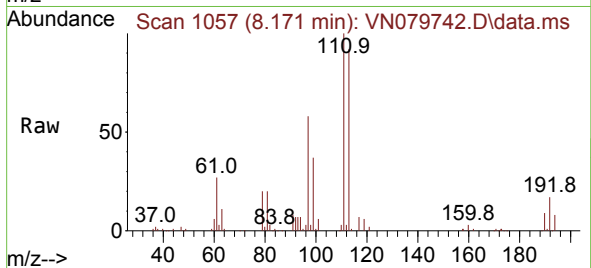
Tgt Ion:113 Resp: 181932

Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 17.6 12.7 19.1



#36

1,1-Dichloropropene

Concen: 18.922 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

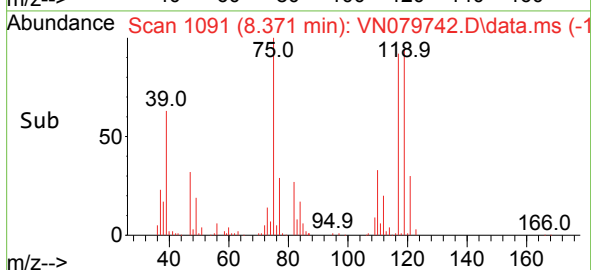
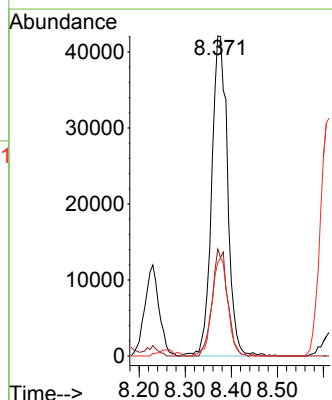
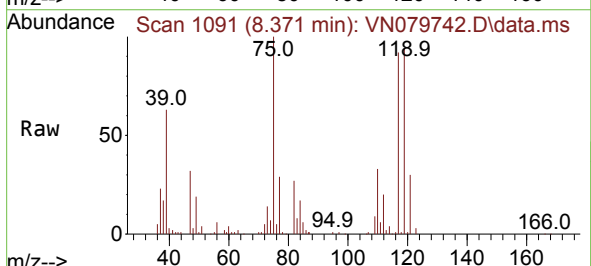
Tgt Ion: 75 Resp: 100796

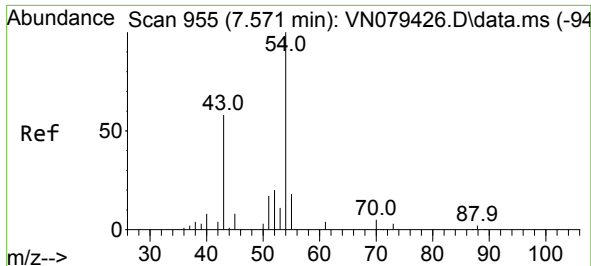
Ion Ratio Lower Upper

75 100

110 32.2 19.1 57.3

77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 18.743 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079742.D

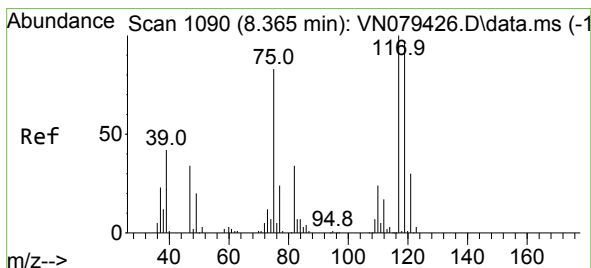
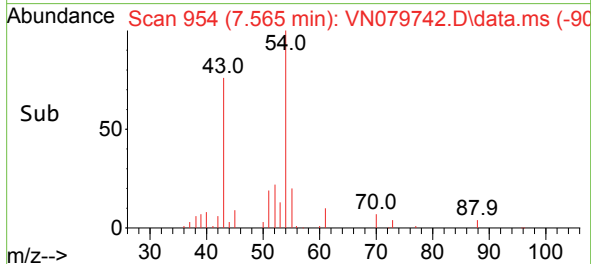
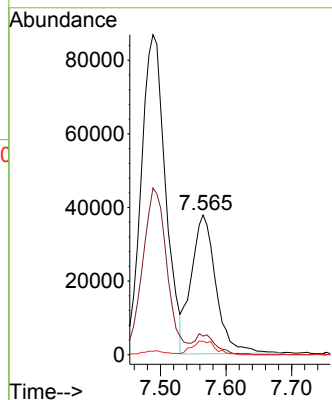
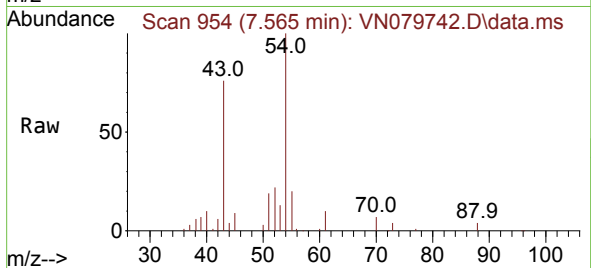
Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 98961
Ion Ratio	Lower Upper
43 100	
61 12.2	13.2 19.8#
70 9.3	11.3 16.9#



#38

Carbon Tetrachloride

Concen: 18.906 ug/l

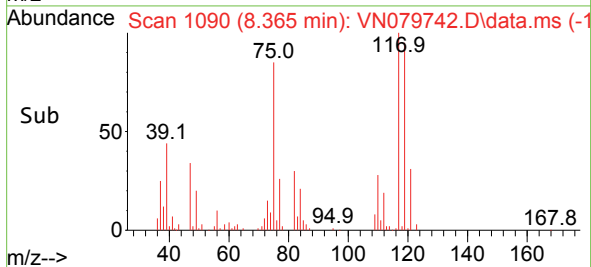
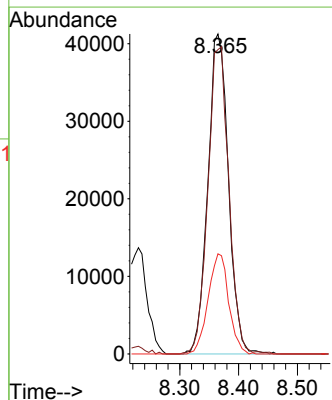
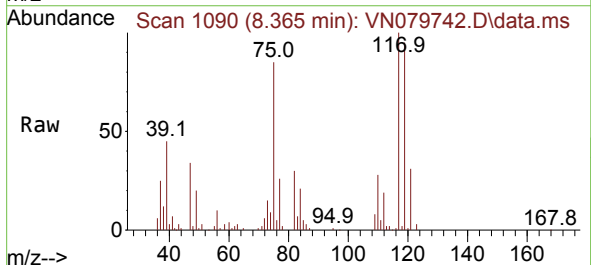
RT: 8.365 min Scan# 1090

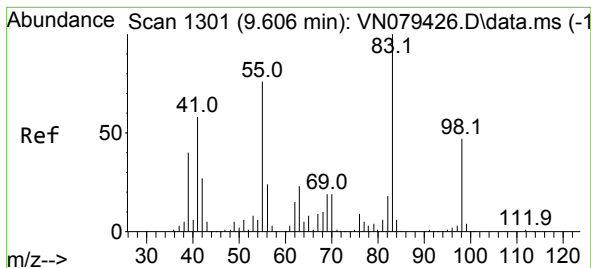
Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Tgt Ion: 117	Resp: 100427
Ion Ratio	Lower Upper
117 100	
119 95.1	77.3 115.9
121 31.3	23.3 34.9





#39

Methylcyclohexane

Concen: 18.154 ug/l

RT: 9.606 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

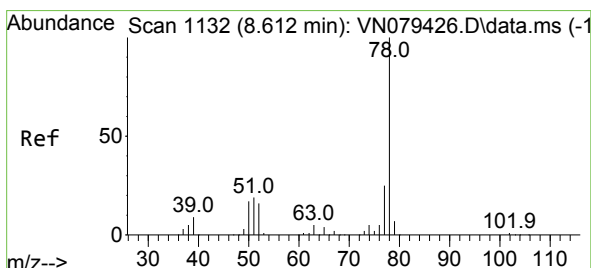
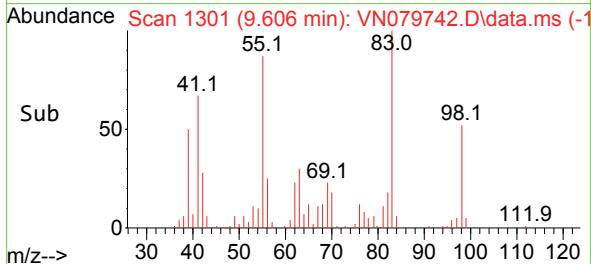
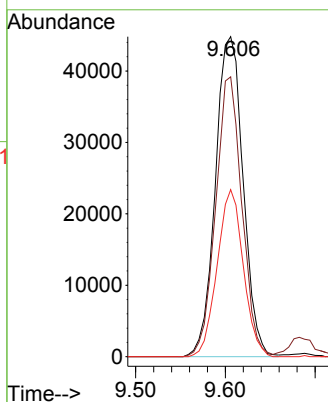
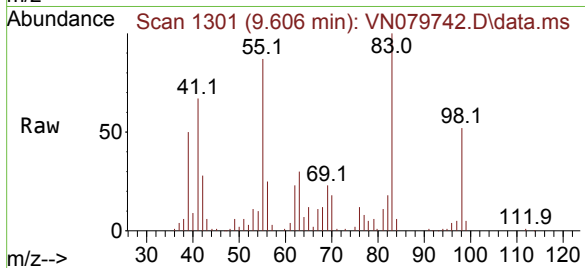
Tgt Ion: 83 Resp: 96188

Ion Ratio Lower Upper

83 100

55 87.4 49.1 73.7#

98 52.2 40.6 61.0



#40

Benzene

Concen: 19.190 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079742.D

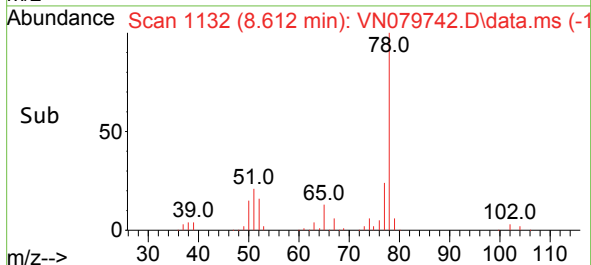
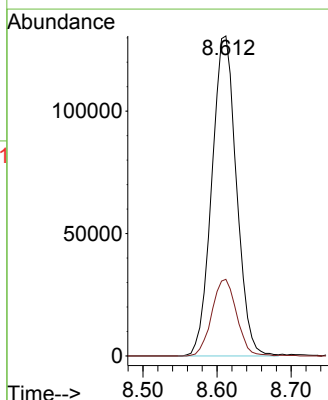
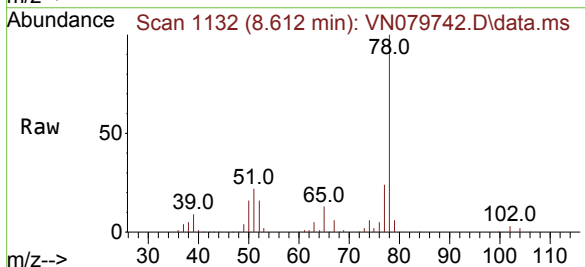
Acq: 31 Oct 2023 14:22

Tgt Ion: 78 Resp: 301704

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

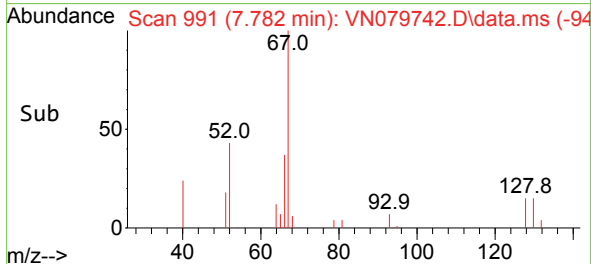
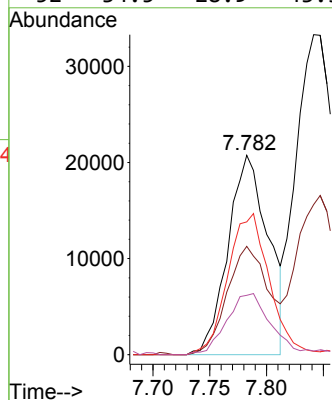
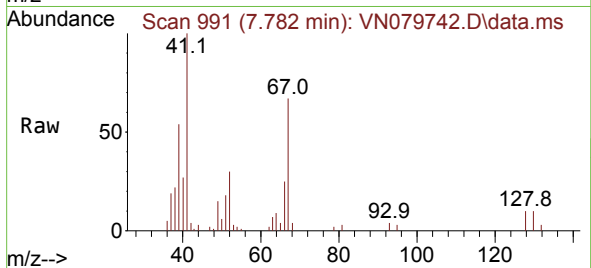




#41
Methacrylonitrile
Concen: 18.552 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.001 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

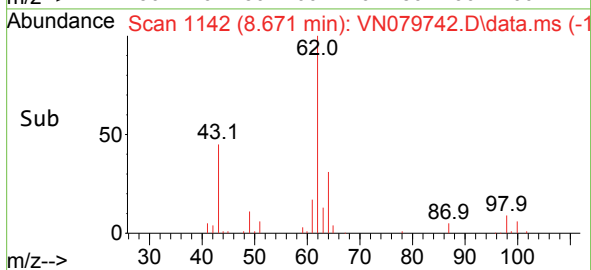
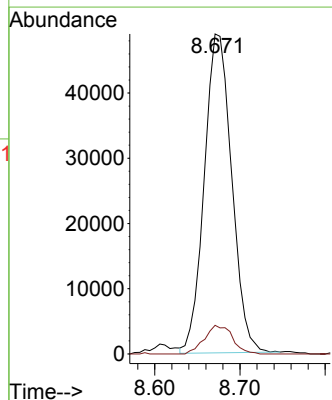
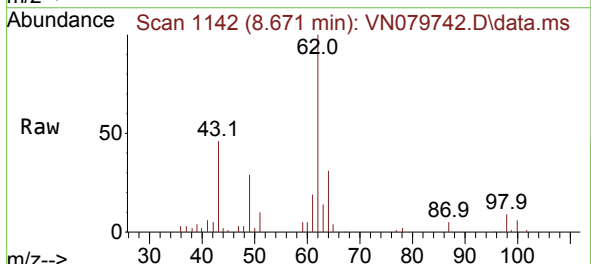
Instrument :
MSVOA_N
ClientSampleId :

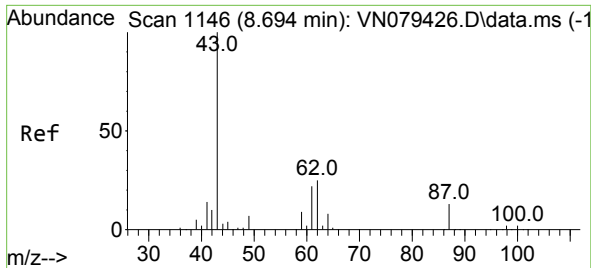
Tgt Ion: 41	Resp: 51087
Ion Ratio	Lower Upper
41	100
39	56.3 42.6 64.0
67	73.1 77.5 116.3#
52	34.5 28.9 43.3



#42
1,2-Dichloroethane
Concen: 19.205 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 62	Resp: 109663
Ion Ratio	Lower Upper
62	100
98	9.1 0.0 19.8

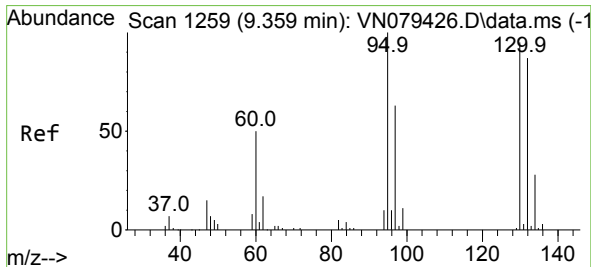
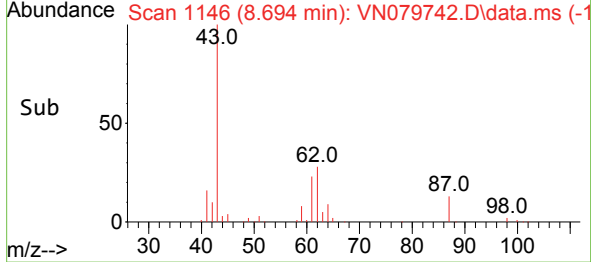
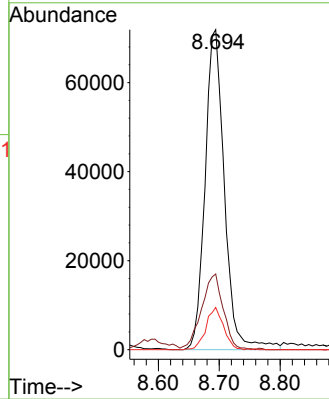
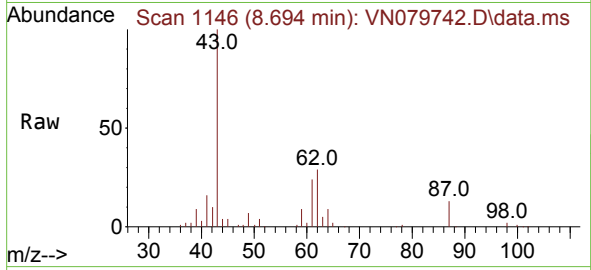




#43
Isopropyl Acetate
Concen: 18.838 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

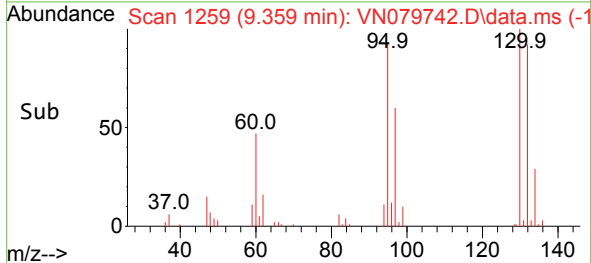
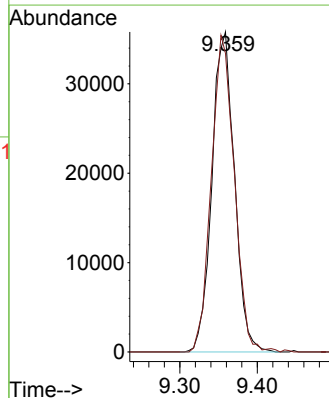
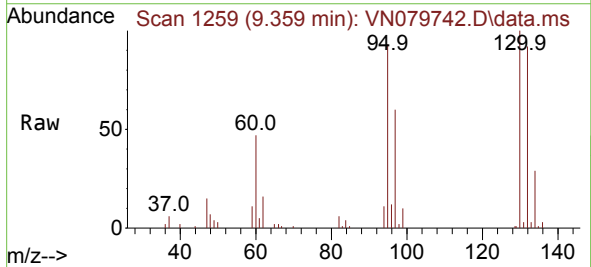
Instrument :
MSVOA_N
ClientSampleId :

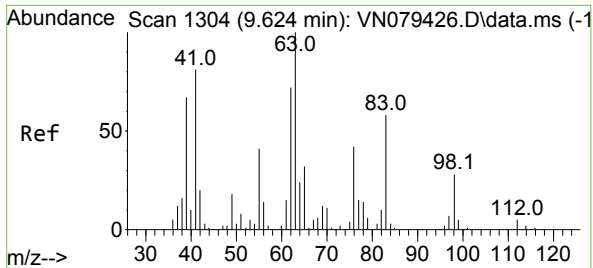
Tgt Ion: 43 Resp: 159008
Ion Ratio Lower Upper
43 100
61 26.6 24.7 37.1
87 11.9 14.6 21.8#



#44
Trichloroethene
Concen: 18.981 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion:130 Resp: 72288
Ion Ratio Lower Upper
130 100
95 93.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.107 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

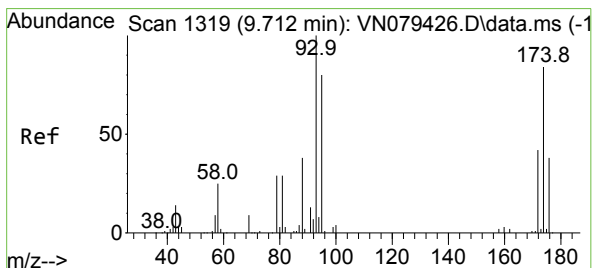
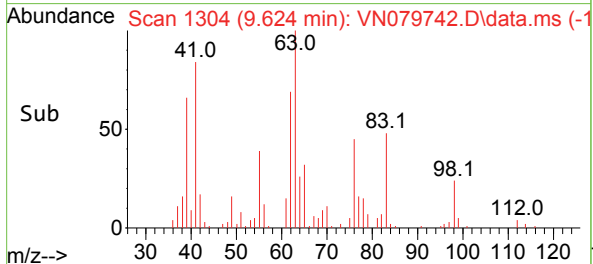
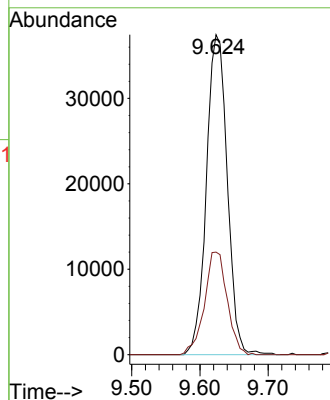
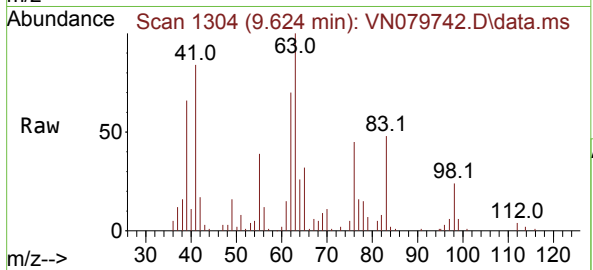
ClientSampleId :

Tgt Ion: 63 Resp: 79783

Ion Ratio Lower Upper

63 100

65 32.1 23.9 35.9



#46

Dibromomethane

Concen: 18.783 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

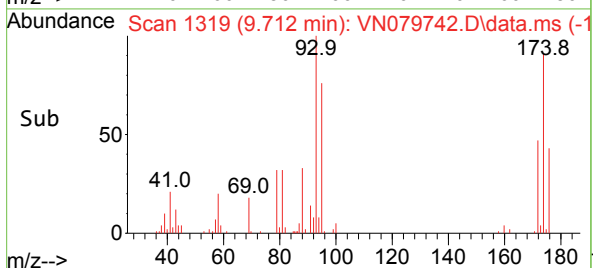
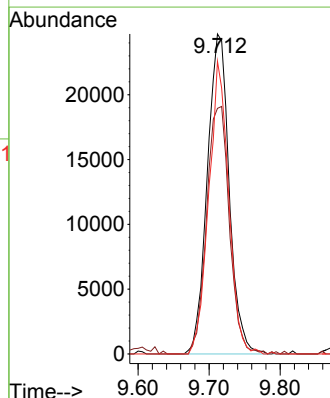
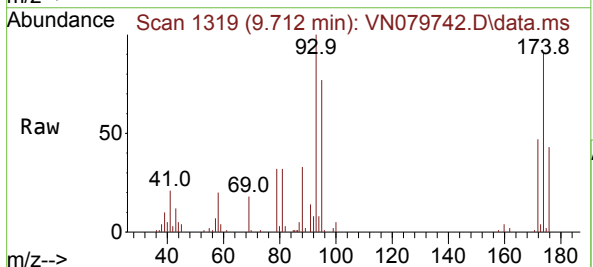
Tgt Ion: 93 Resp: 52897

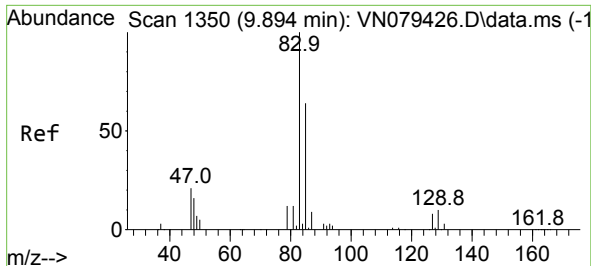
Ion Ratio Lower Upper

93 100

95 80.4 63.8 95.8

174 83.0 65.6 98.4

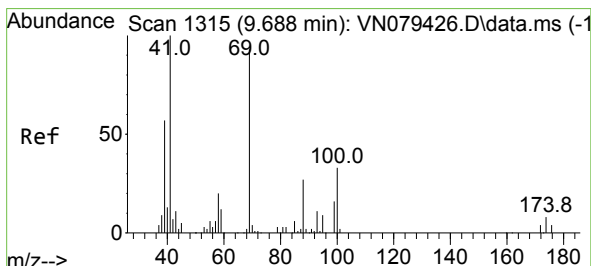
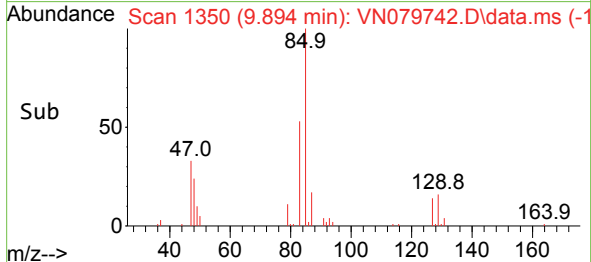
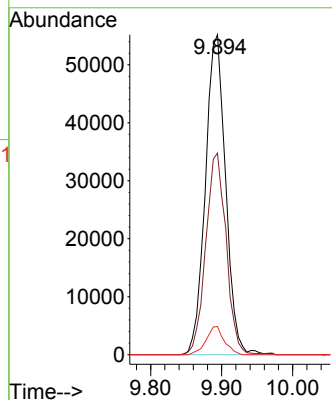
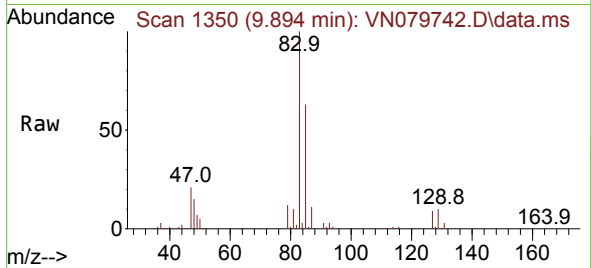




#47
Bromodichloromethane
Concen: 19.349 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

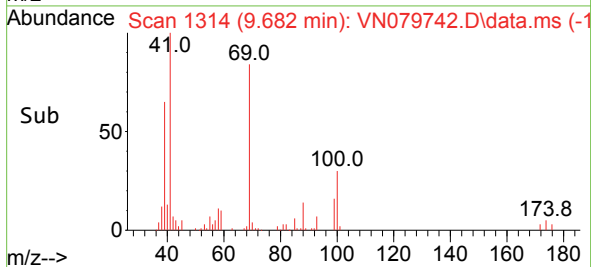
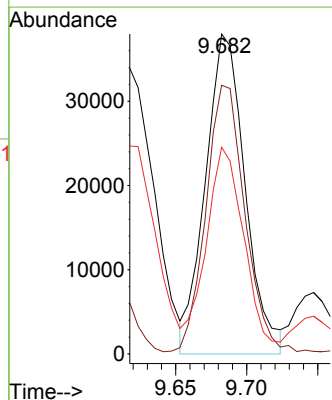
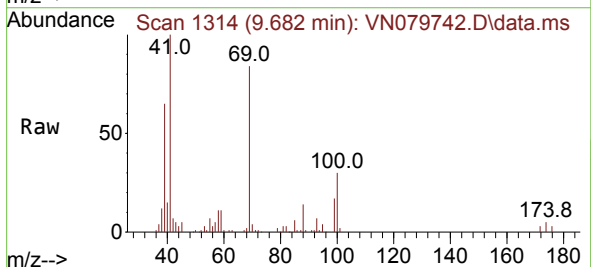
Instrument :
MSVOA_N
ClientSampleId :

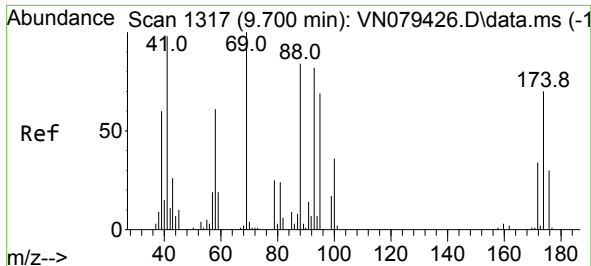
Tgt Ion: 83 Resp: 109314
Ion Ratio Lower Upper
83 100
85 63.0 49.6 74.4
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 18.835 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 41 Resp: 73709
Ion Ratio Lower Upper
41 100
69 84.0 90.4 135.6#
39 61.8 54.6 81.8





#49

1,4-Dioxane

Concen: 345.200 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

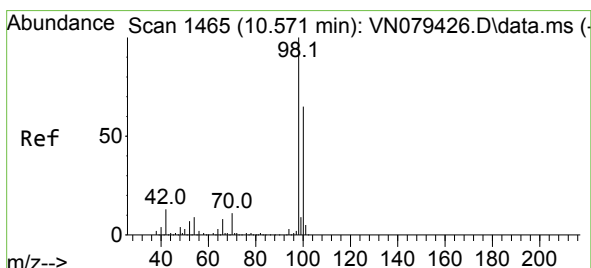
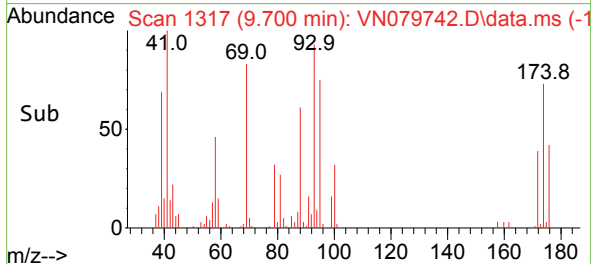
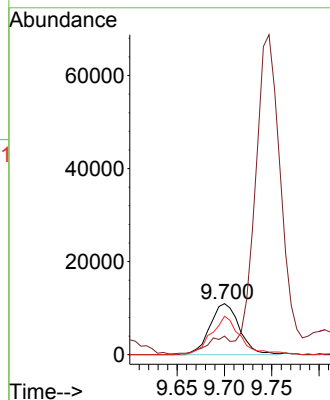
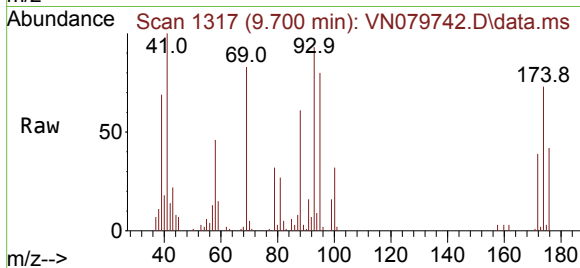
Tgt Ion: 88 Resp: 23772

Ion Ratio Lower Upper

88 100

43 26.4 17.0 25.6#

58 75.4 47.0 70.4#



#50

Toluene-d8

Concen: 51.131 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079742.D

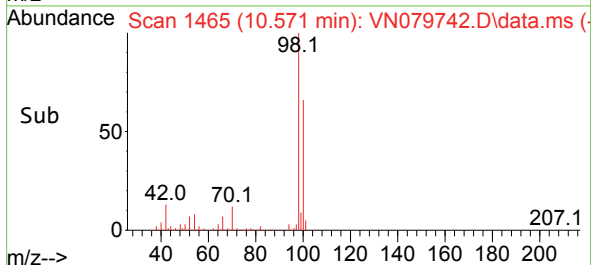
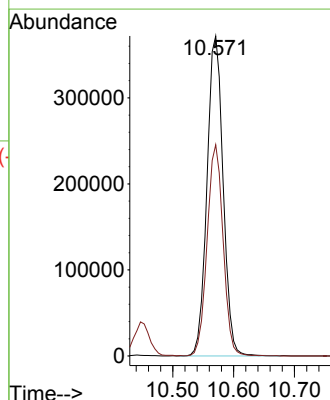
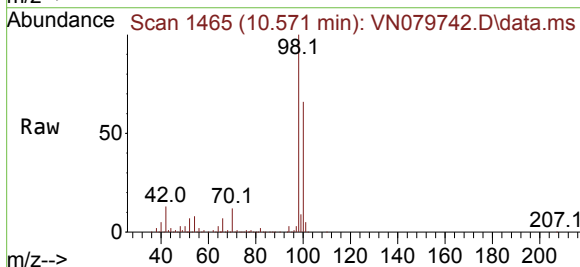
Acq: 31 Oct 2023 14:22

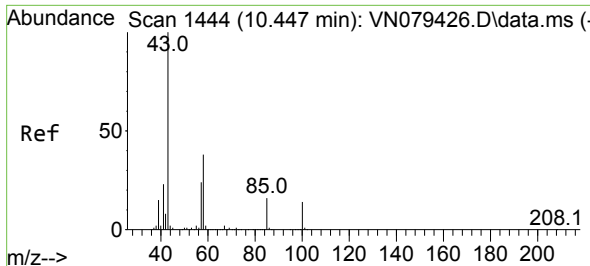
Tgt Ion: 98 Resp: 684412

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

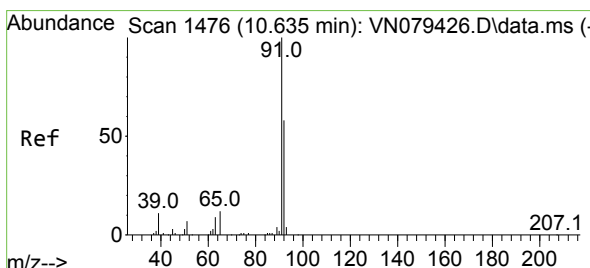
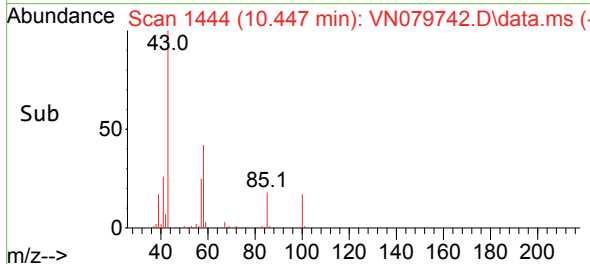
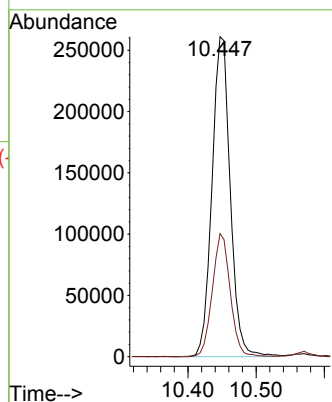
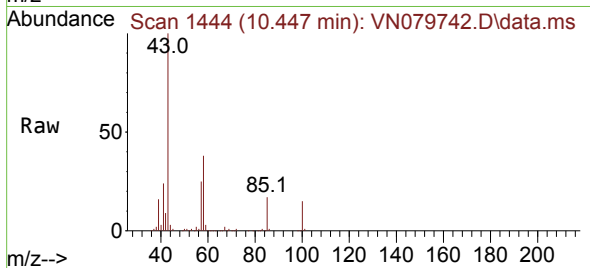




#51
4-Methyl-2-Pentanone
Concen: 92.778 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

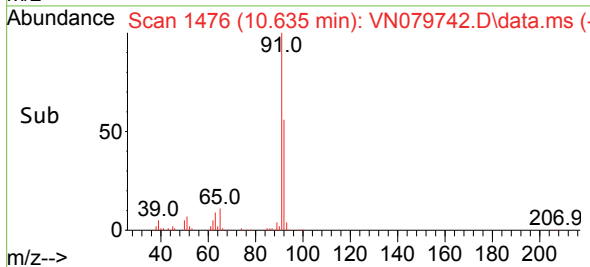
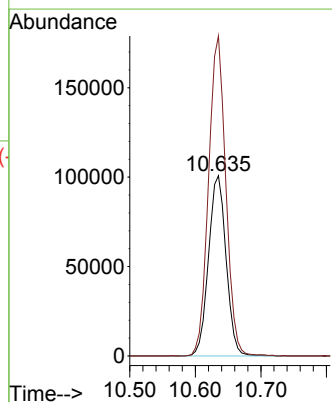
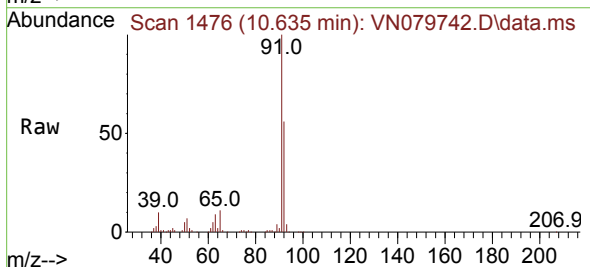
Instrument :
MSVOA_N
ClientSampleId :

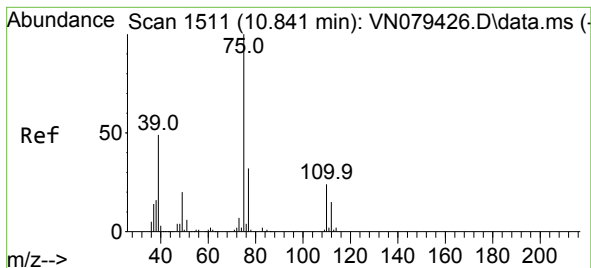
Tgt Ion: 43 Resp: 487277
Ion Ratio Lower Upper
43 100
58 37.7 36.6 54.8



#52
Toluene
Concen: 19.553 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 92 Resp: 187669
Ion Ratio Lower Upper
92 100
91 174.6 137.4 206.0

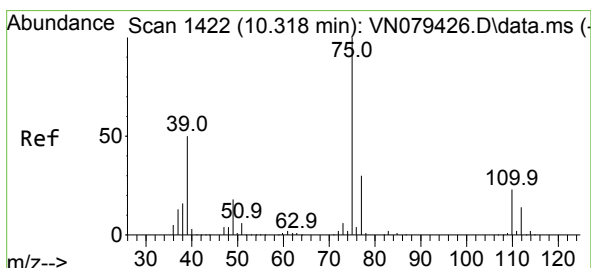
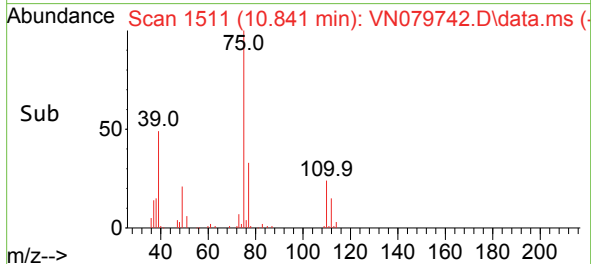
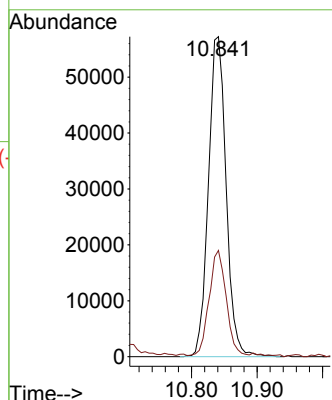
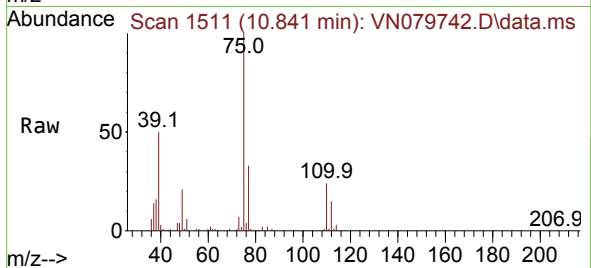




#53
t-1,3-Dichloropropene
Concen: 18.830 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

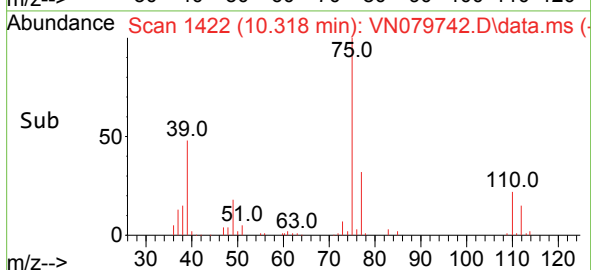
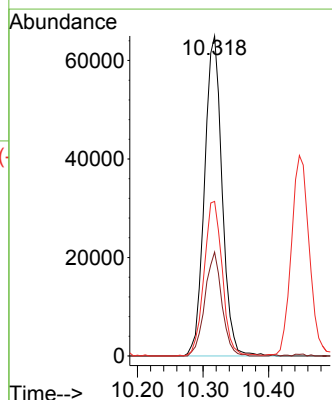
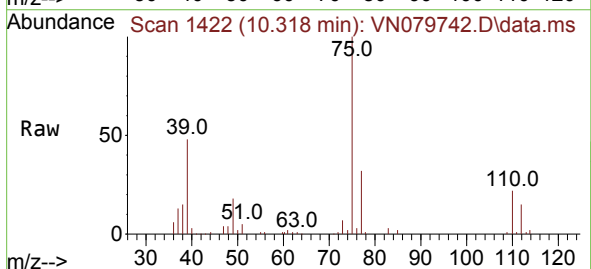
Instrument :
MSVOA_N
ClientSampleId :

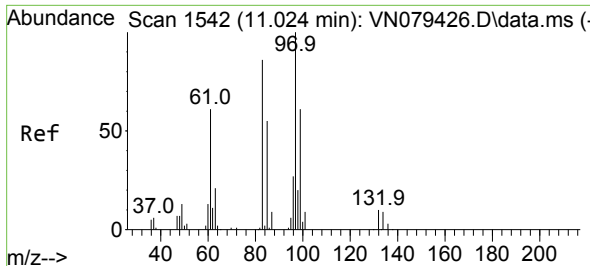
Tgt Ion: 75 Resp: 107423
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.403 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

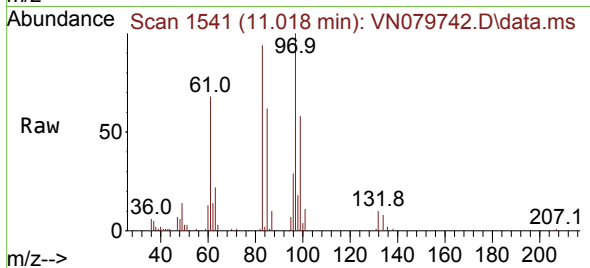
Tgt Ion: 75 Resp: 121110
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1
39 48.0 31.6 47.4#



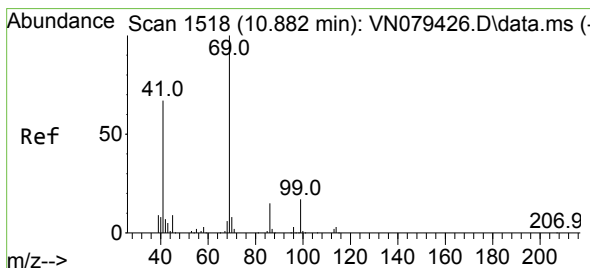
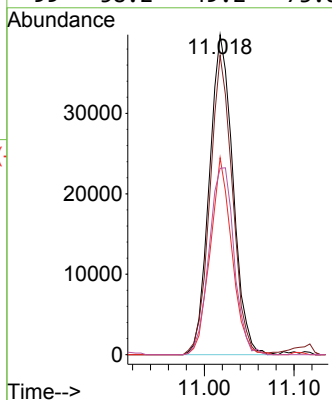
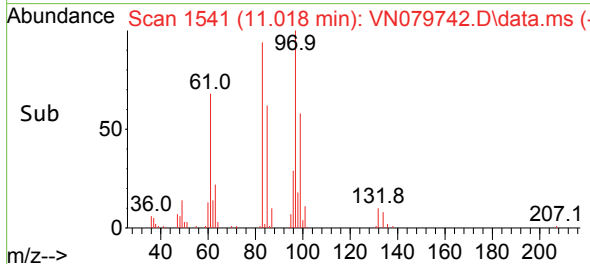


#55
1,1,2-Trichloroethane
Concen: 19.104 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

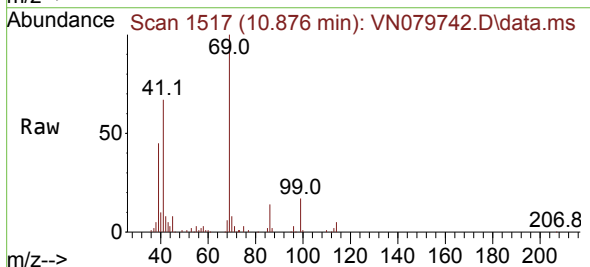
Instrument :
MSVOA_N
ClientSampleId :



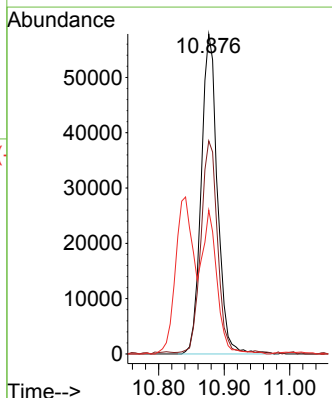
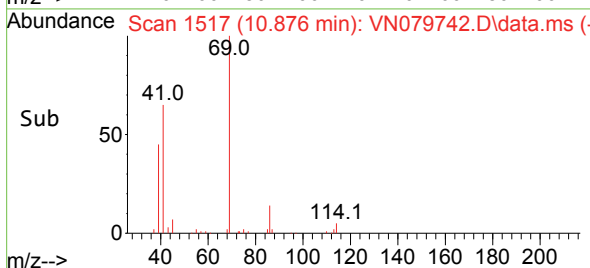
Tgt Ion:	97	Resp:	72514
Ion	Ratio	Lower	Upper
97	100		
83	93.5	65.1	97.7
85	61.6	43.4	65.2
99	58.2	49.2	73.8

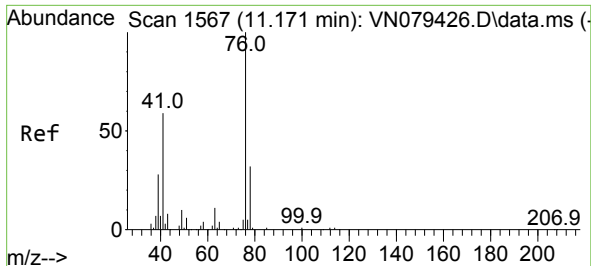


#56
Ethyl methacrylate
Concen: 18.607 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22



Tgt Ion:	69	Resp:	99744
Ion	Ratio	Lower	Upper
69	100		
41	67.1	39.6	59.4#
39	41.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.400 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

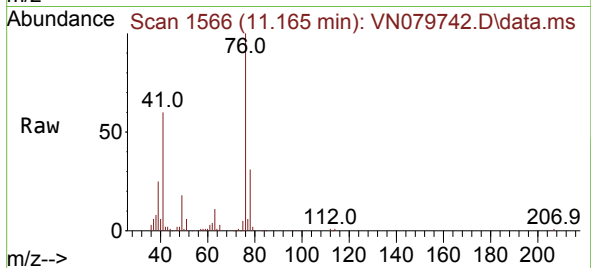
Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

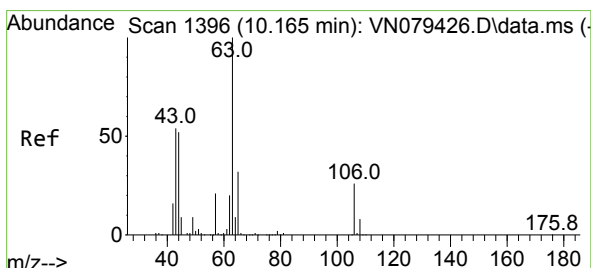
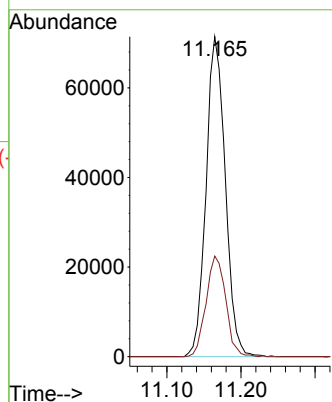
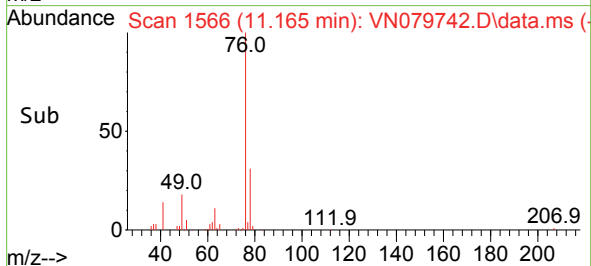


Tgt Ion: 76 Resp: 128868

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 89.304 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079742.D

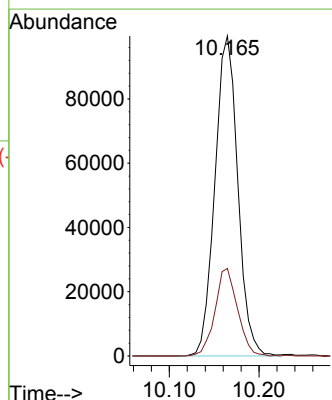
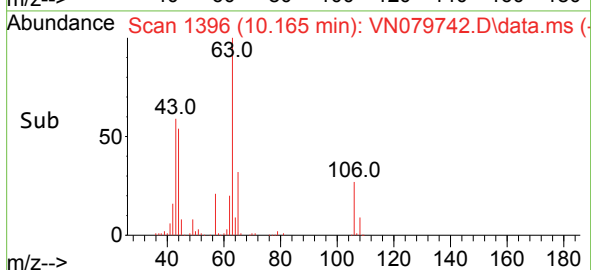
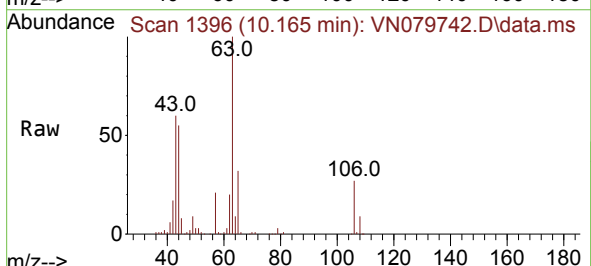
Acq: 31 Oct 2023 14:22

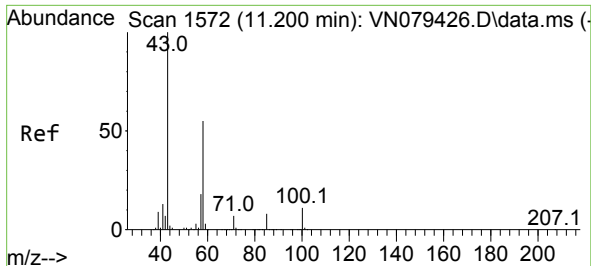
Tgt Ion: 63 Resp: 176371

Ion Ratio Lower Upper

63 100

106 26.9 26.2 39.4

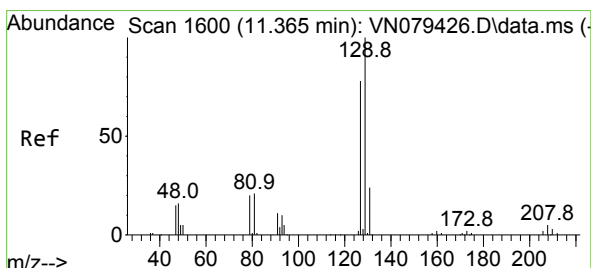
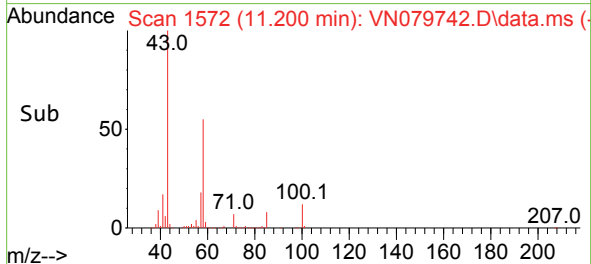
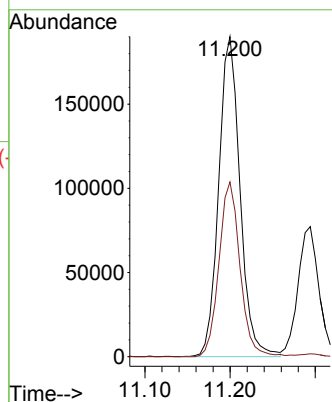
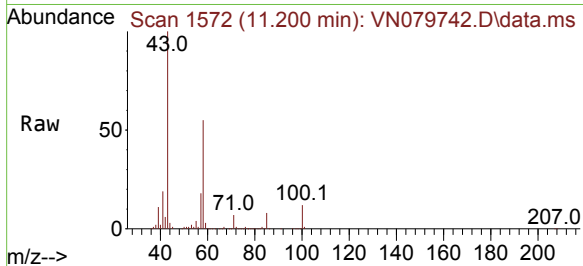




#59
2-Hexanone
Concen: 85.641 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

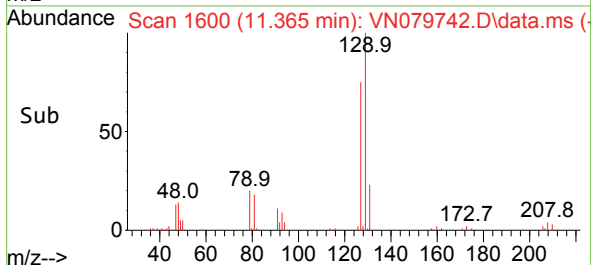
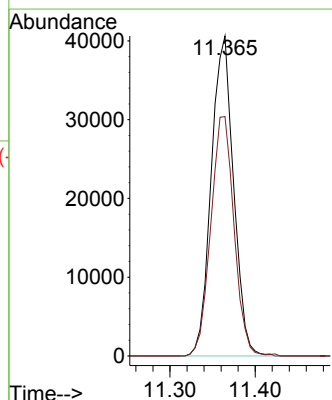
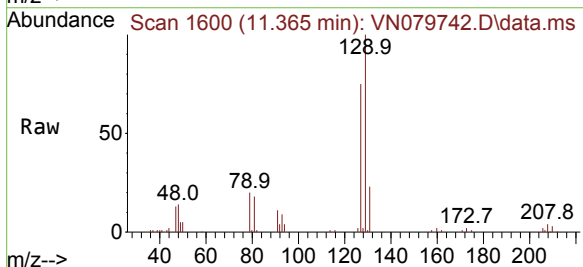
Instrument :
MSVOA_N
ClientSampleId :

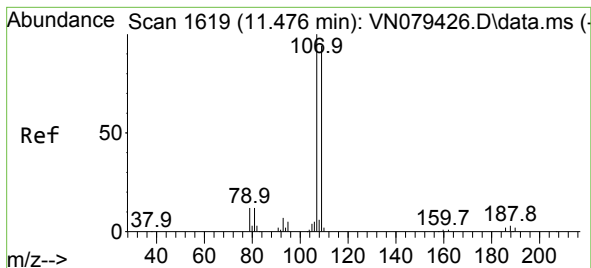
Tgt Ion: 43 Resp: 330726
Ion Ratio Lower Upper
43 100
58 54.1 31.7 95.1



#60
Dibromochloromethane
Concen: 18.791 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 129 Resp: 73807
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.496 ug/l

RT: 11.470 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

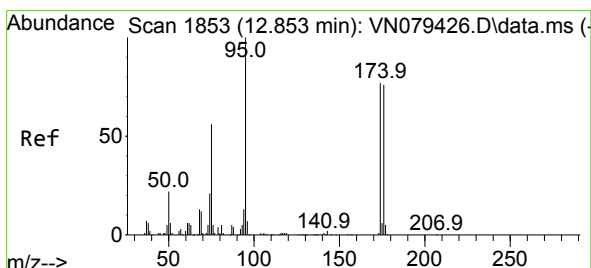
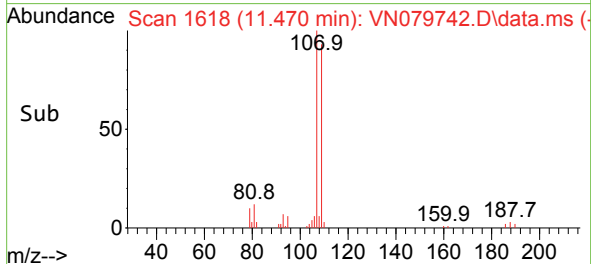
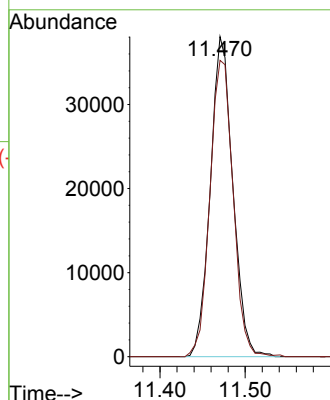
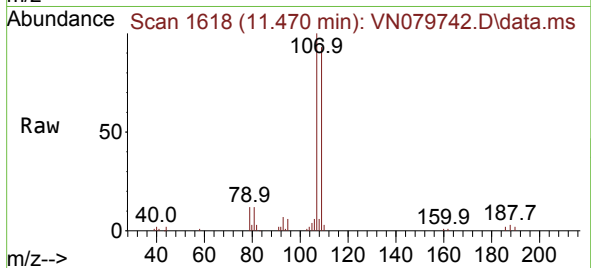
ClientSampleId :

Tgt Ion:107 Resp: 69946

Ion Ratio Lower Upper

107 100

109 95.3 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 50.732 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

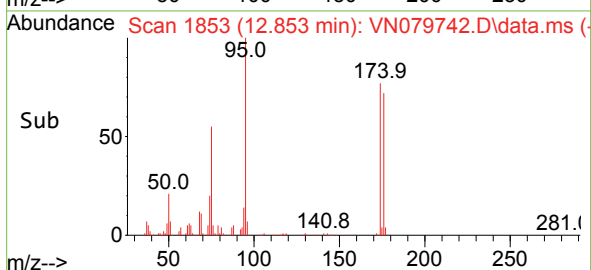
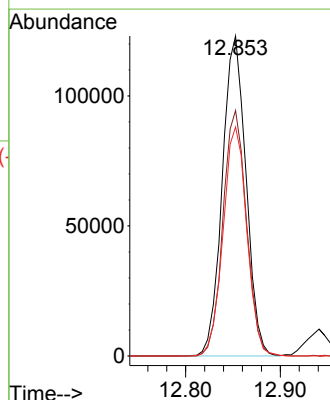
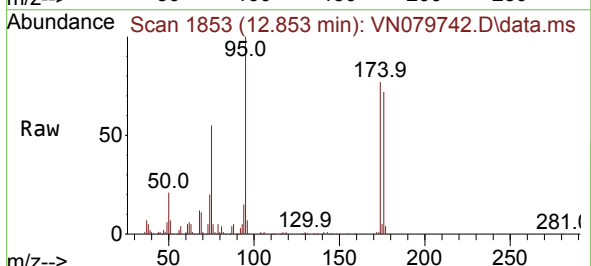
Tgt Ion: 95 Resp: 213849

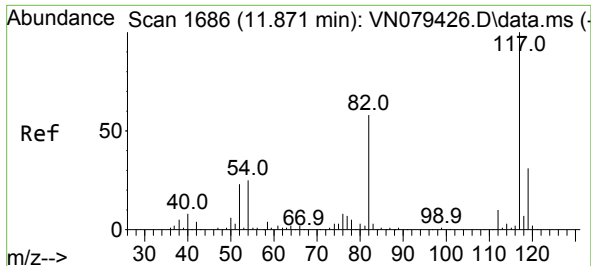
Ion Ratio Lower Upper

95 100

174 76.0 0.0 143.8

176 71.7 0.0 135.8

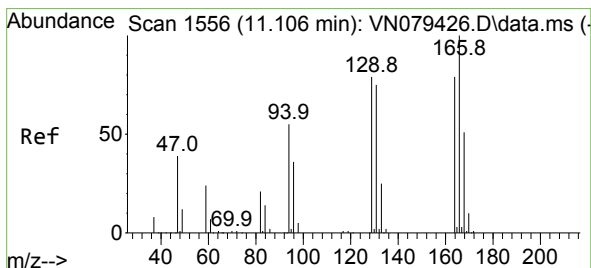
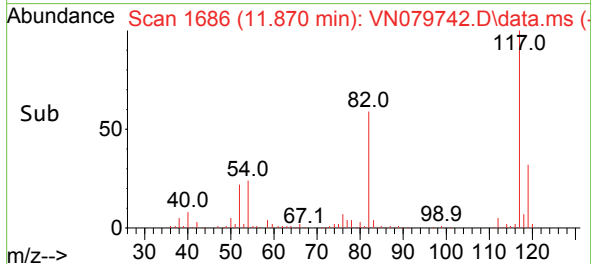
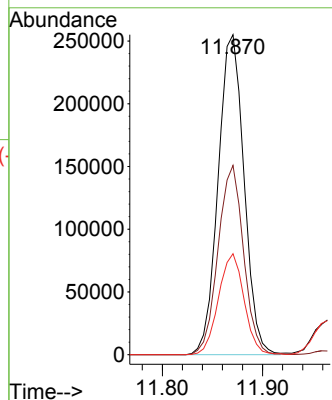
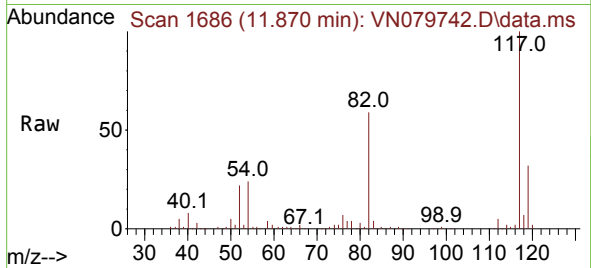




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

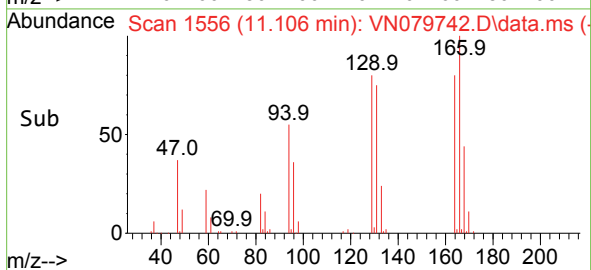
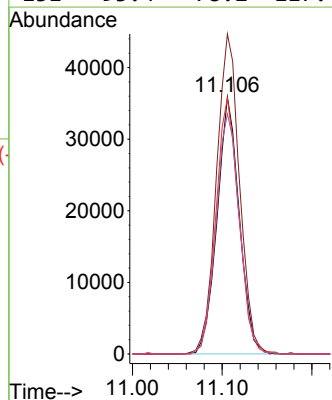
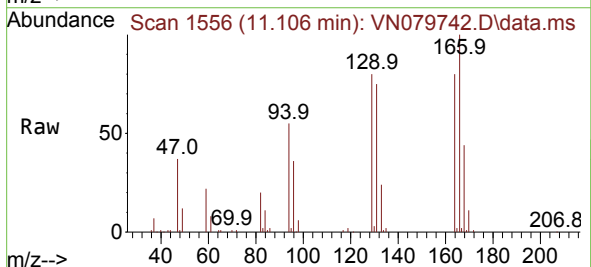
Instrument :
MSVOA_N
ClientSampleId :

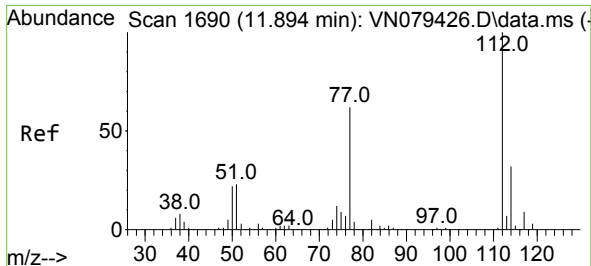
Tgt Ion:117 Resp: 457415
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 19.033 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion:164 Resp: 61759
Ion Ratio Lower Upper
164 100
166 124.4 101.4 152.0
129 99.5 82.4 123.6
131 93.4 78.2 117.4

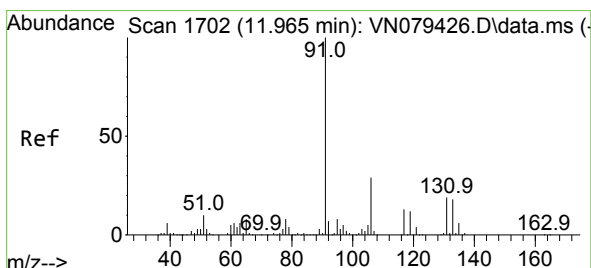
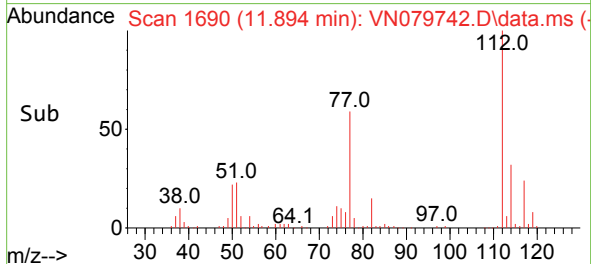
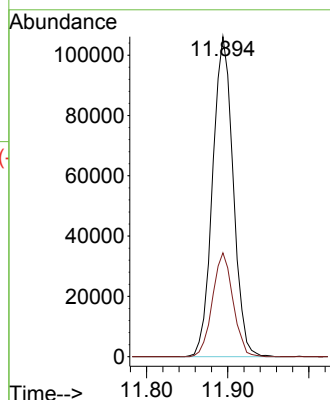
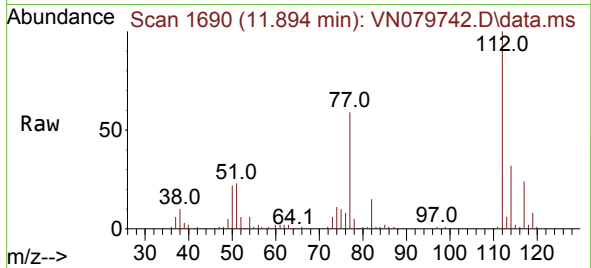




#65
Chlorobenzene
Concen: 18.423 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

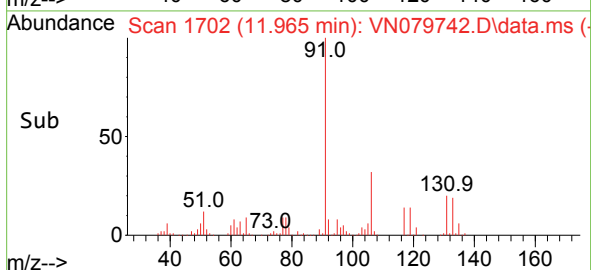
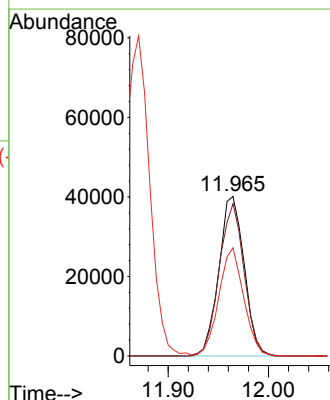
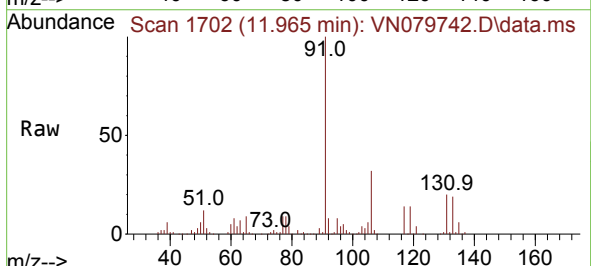
Instrument :
MSVOA_N
ClientSampleId :

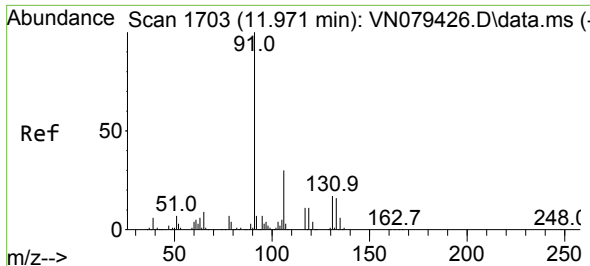
Tgt Ion:112 Resp: 186519
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.664 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion:131 Resp: 70212
Ion Ratio Lower Upper
131 100
133 94.4 46.4 139.1
119 66.8 34.1 102.2

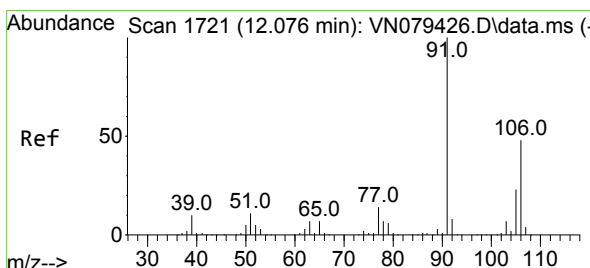
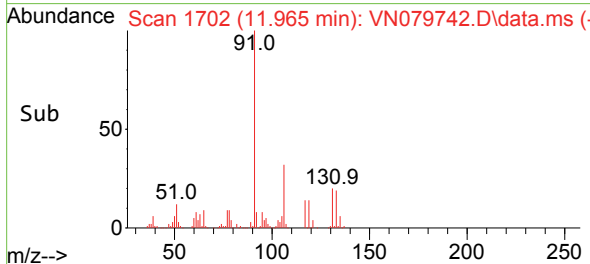
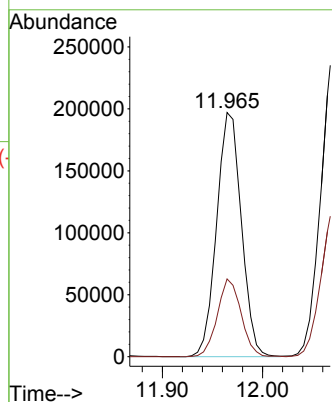
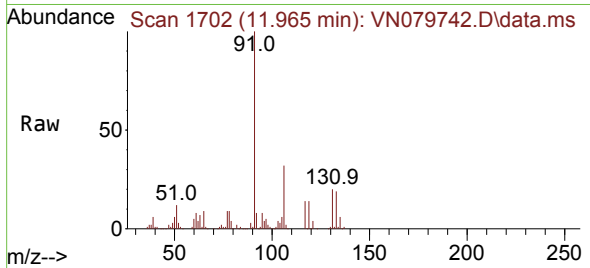




#67
Ethyl Benzene
Concen: 18.897 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

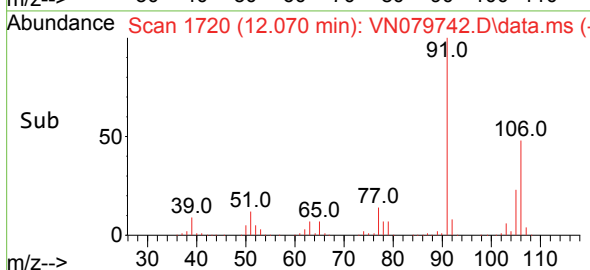
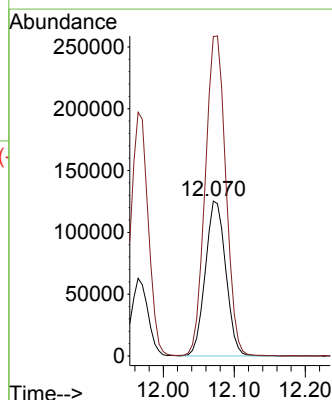
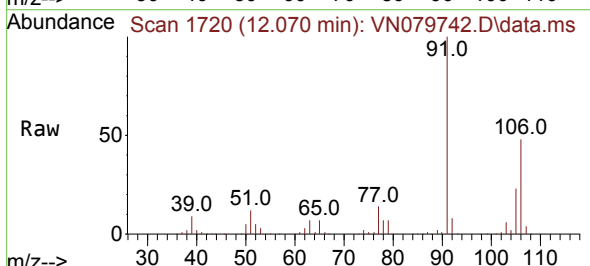
Instrument :
MSVOA_N
ClientSampleId :

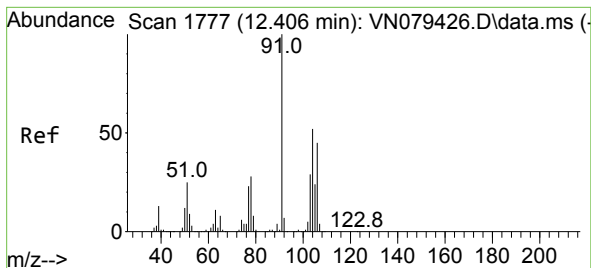
Tgt Ion: 91 Resp: 337057
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4



#68
m/p-Xylenes
Concen: 38.035 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion:106 Resp: 250914
Ion Ratio Lower Upper
106 100
91 208.2 159.6 239.4





#69

o-Xylene

Concen: 18.678 ug/l

RT: 12.400 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

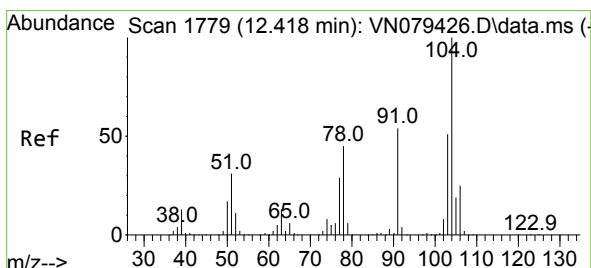
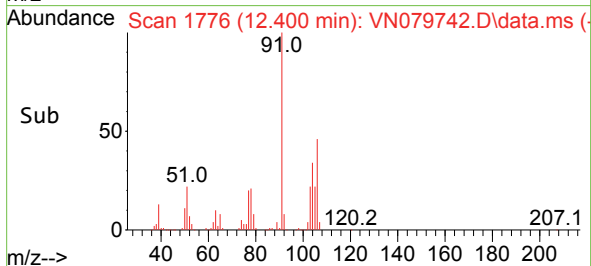
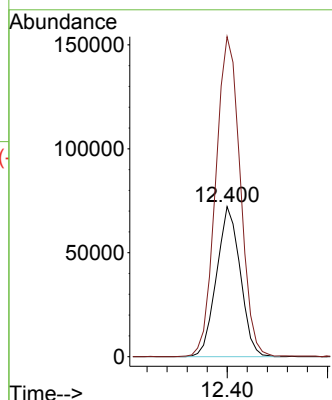
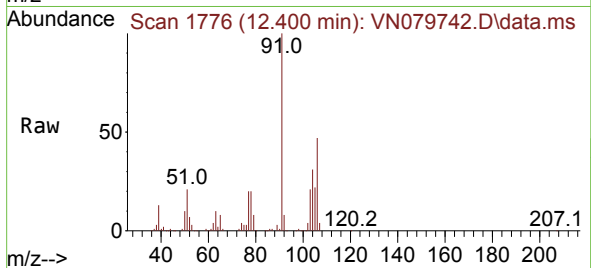
ClientSampleId :

Tgt Ion:106 Resp: 118484

Ion Ratio Lower Upper

106 100

91 221.0 105.2 315.5



#70

Styrene

Concen: 19.012 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.006 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

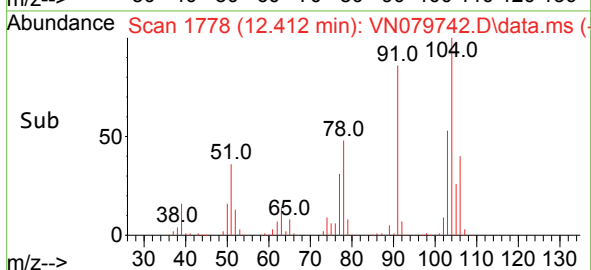
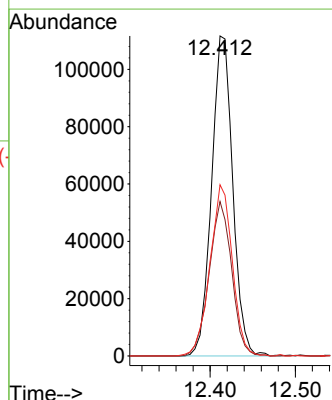
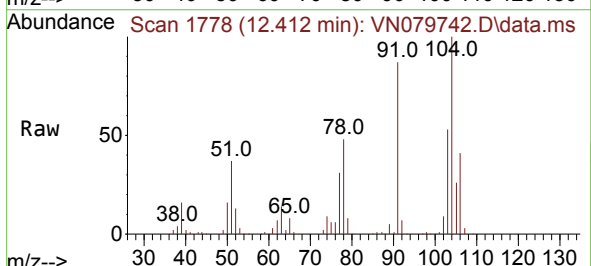
Tgt Ion:104 Resp: 193188

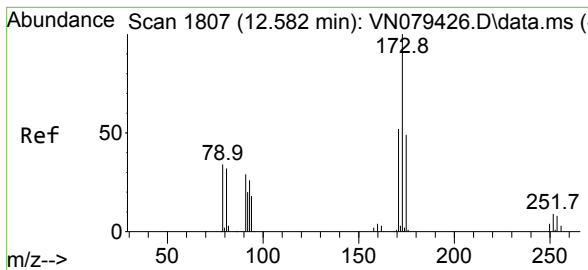
Ion Ratio Lower Upper

104 100

78 51.2 39.5 59.3

103 56.7 43.2 64.8





#71

Bromoform

Concen: 17.519 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

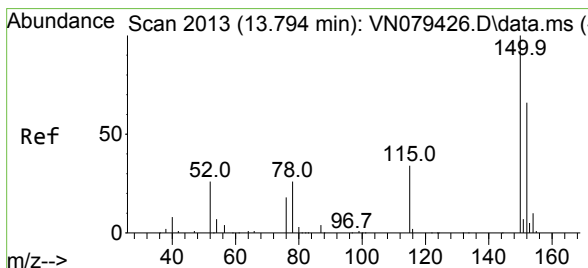
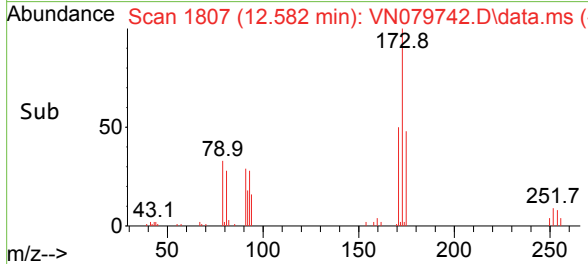
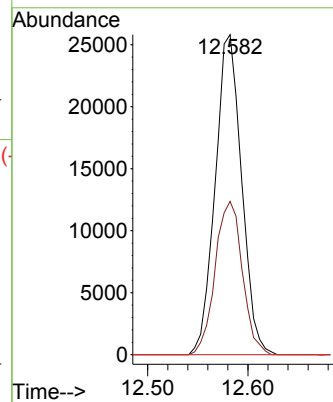
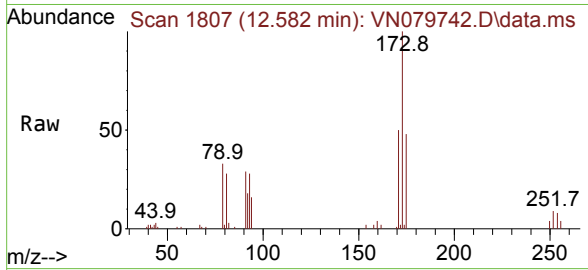
Tgt Ion:173 Resp: 47204

Ion Ratio Lower Upper

173 100

175 49.4 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

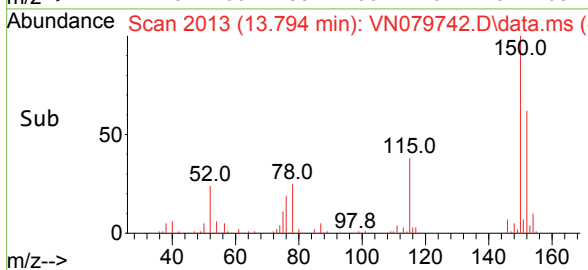
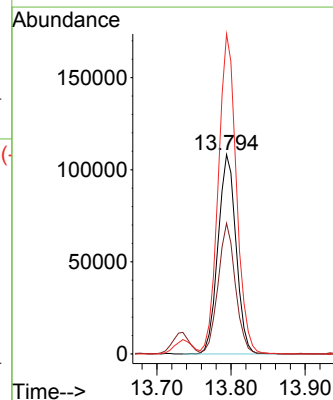
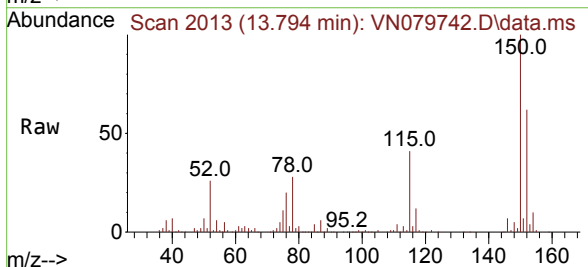
Tgt Ion:152 Resp: 182459

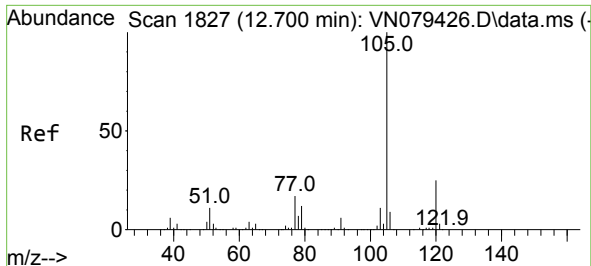
Ion Ratio Lower Upper

152 100

115 63.3 32.3 96.8

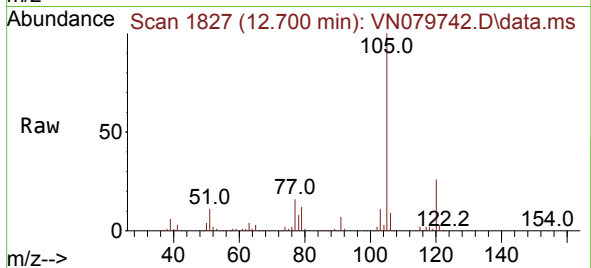
150 161.6 0.0 355.8



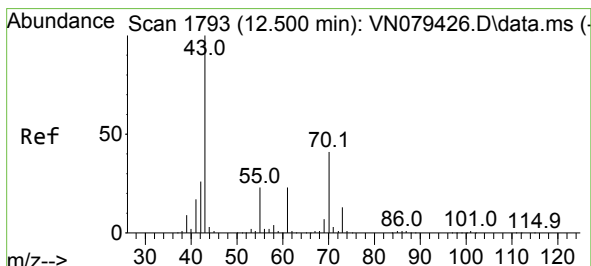
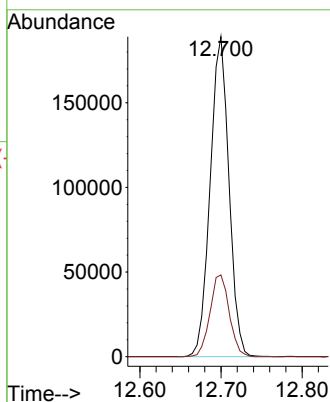
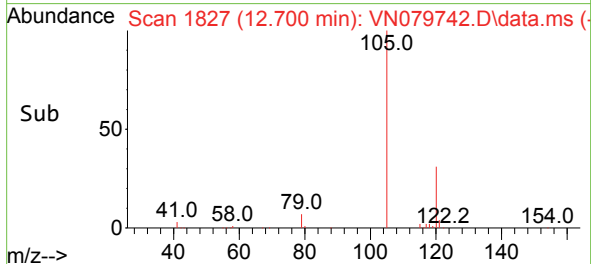


#73
Isopropylbenzene
Concen: 18.354 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

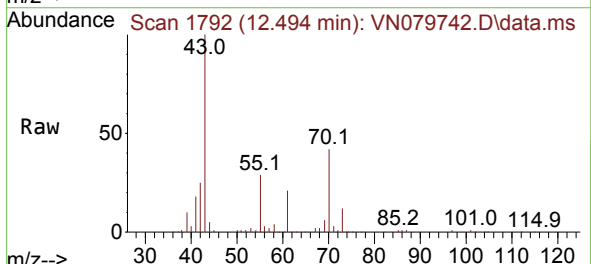
Instrument :
MSVOA_N
ClientSampleId :



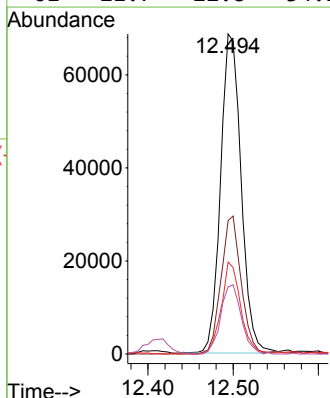
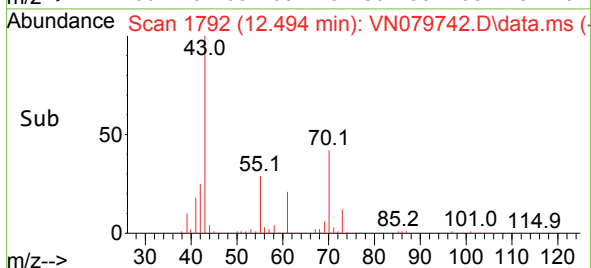
Tgt Ion:105 Resp: 303333
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

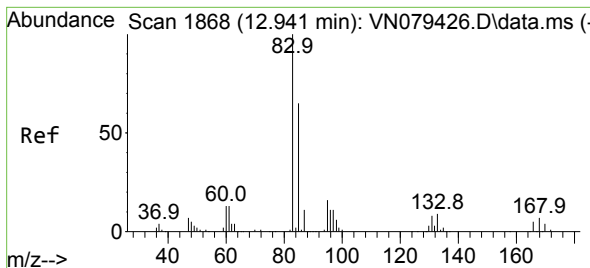


#74
N-ethyl acetate
Concen: 17.544 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22



Tgt Ion: 43 Resp: 115324
Ion Ratio Lower Upper
43 100
70 42.2 43.4 65.2#
55 27.2 21.4 32.0
61 21.7 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 17.455 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

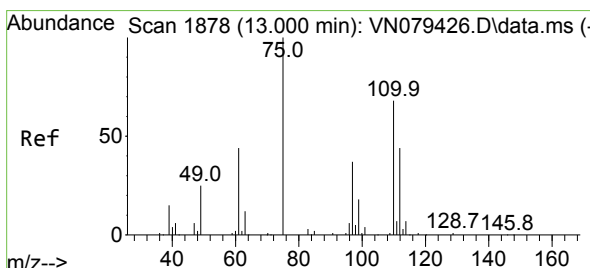
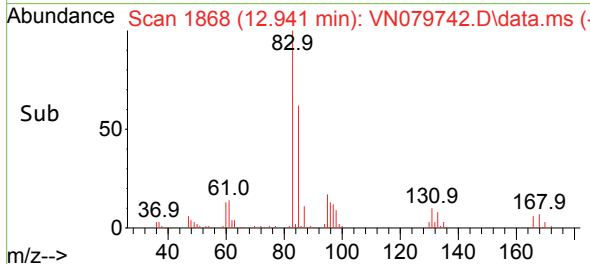
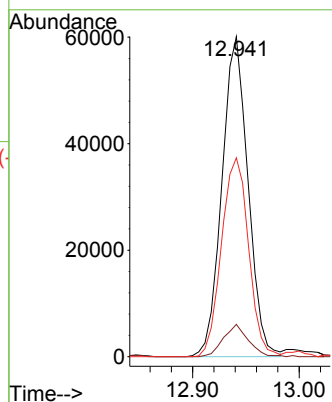
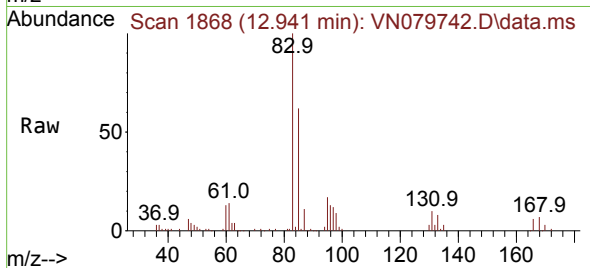
Tgt Ion: 83 Resp: 102129

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

85 64.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 24.715 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN079742.D

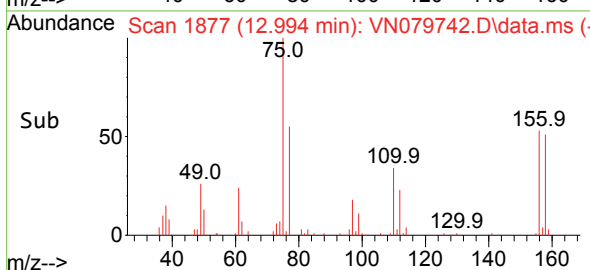
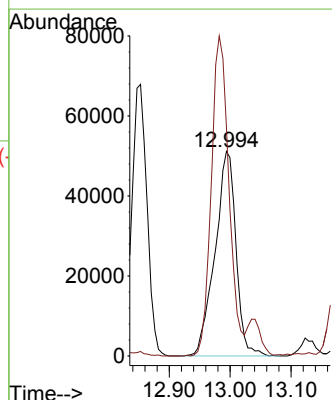
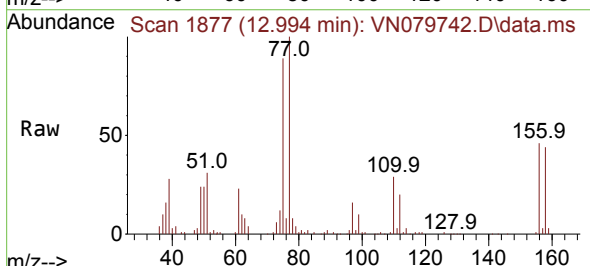
Acq: 31 Oct 2023 14:22

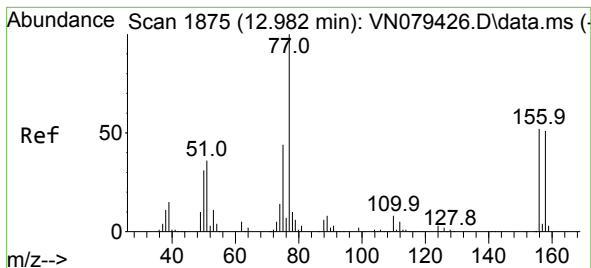
Tgt Ion: 75 Resp: 122448

Ion Ratio Lower Upper

75 100

77 132.0 84.5 253.5





#77

Bromobenzene

Concen: 18.573 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079742.D

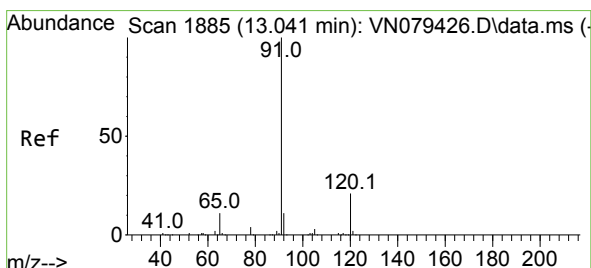
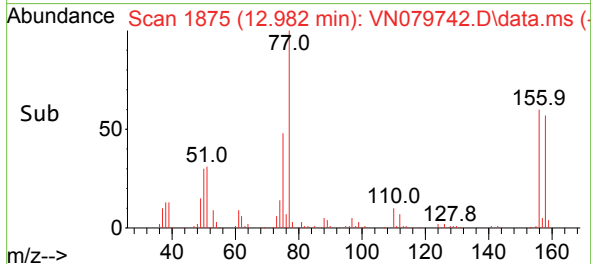
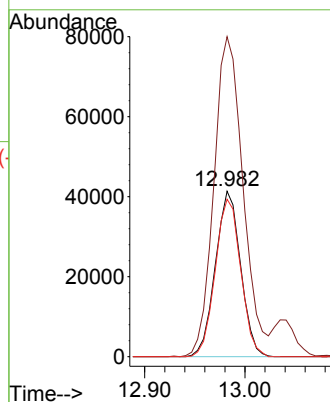
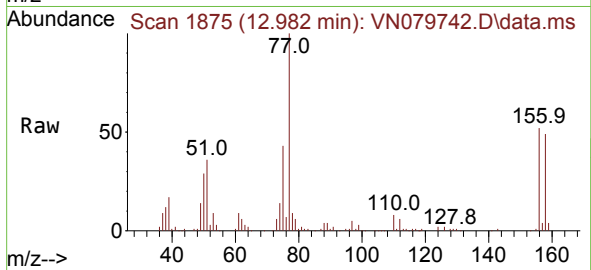
Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	72184
Ion Ratio	Lower	Upper	
156	100		
77	223.9	107.7	323.3
158	96.1	48.4	145.3



#78

n-propylbenzene

Concen: 19.450 ug/l

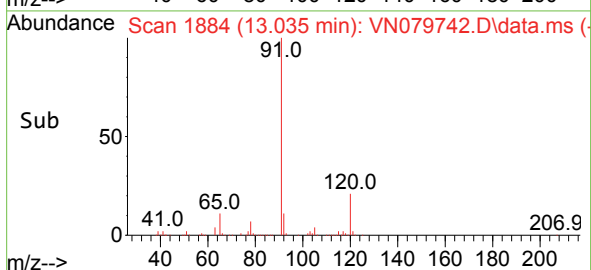
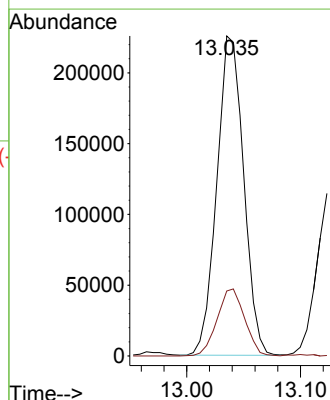
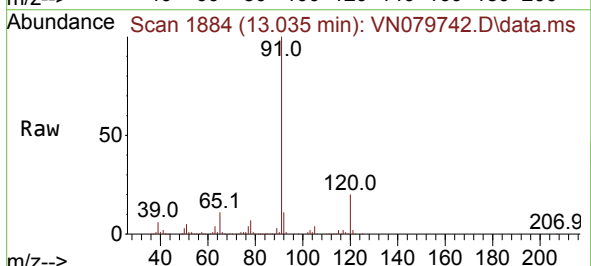
RT: 13.035 min Scan# 1884

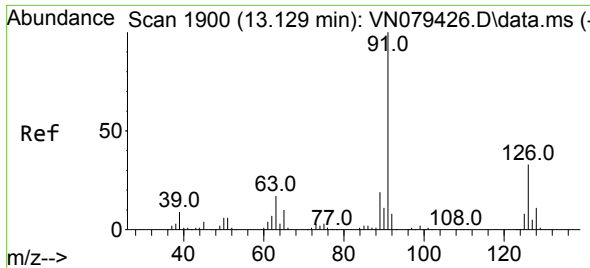
Delta R.T. -0.006 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Tgt Ion:	91	Resp:	370290
Ion Ratio	Lower	Upper	
91	100		
120	21.6	11.5	34.4

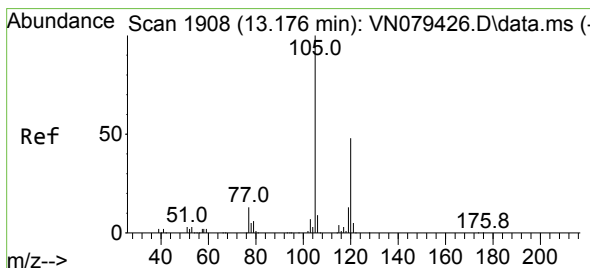
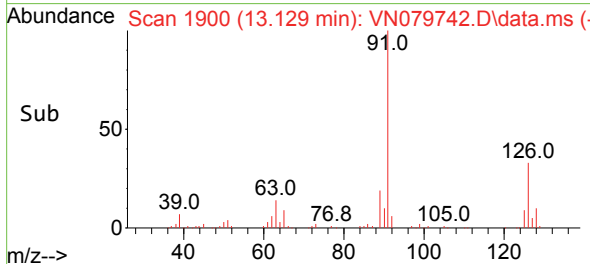
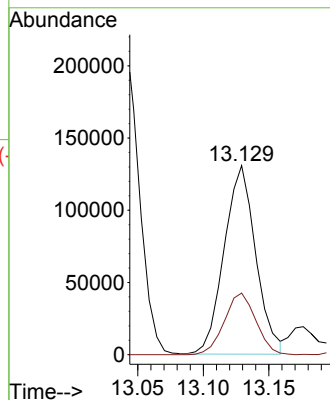
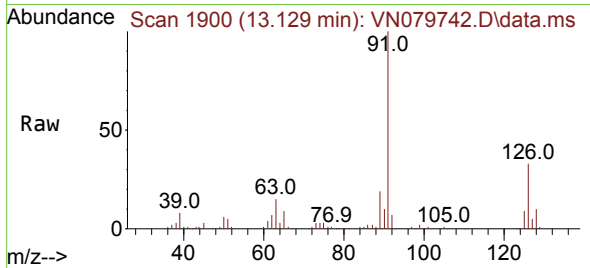




#79
2-Chlorotoluene
Concen: 18.435 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

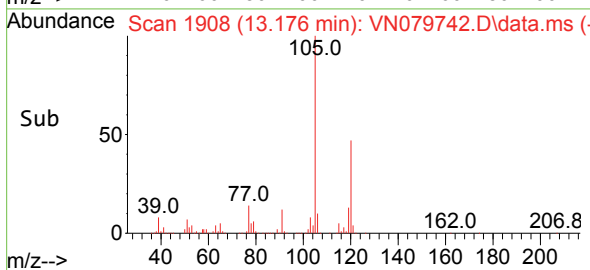
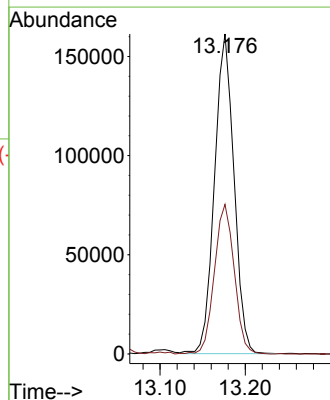
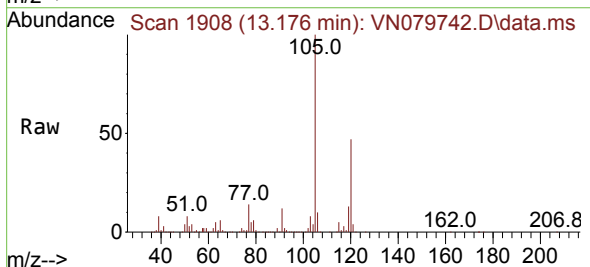
Instrument :
MSVOA_N
ClientSampleId :

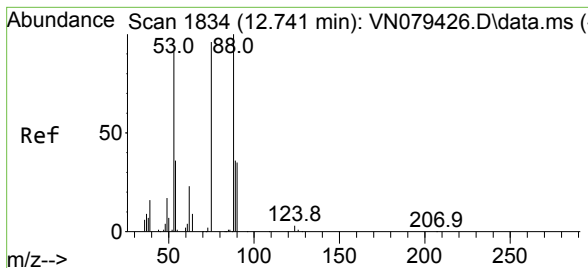
Tgt Ion: 91 Resp: 218774
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 18.964 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 105 Resp: 255475
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3

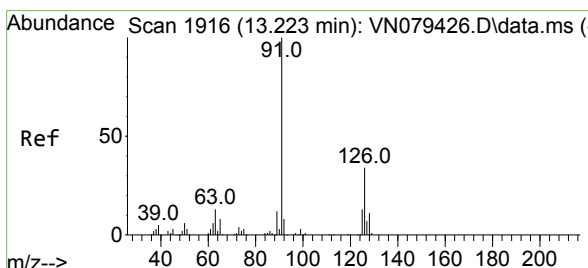
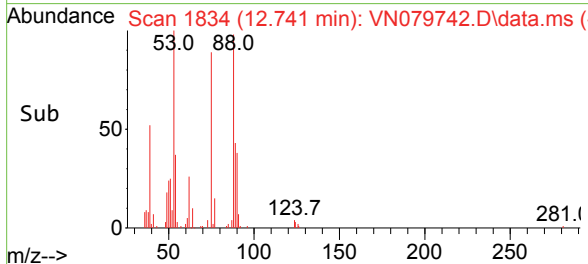
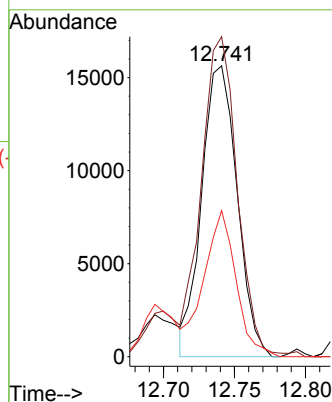
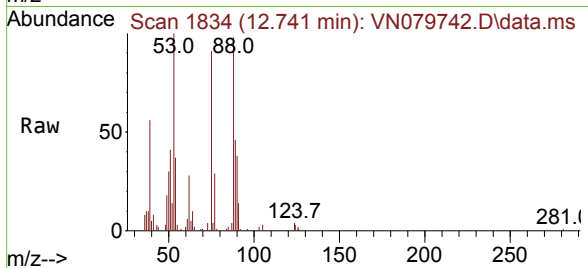




#81
trans-1,4-Dichloro-2-butene
Concen: 16.527 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

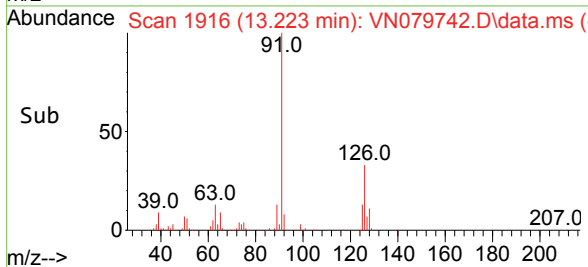
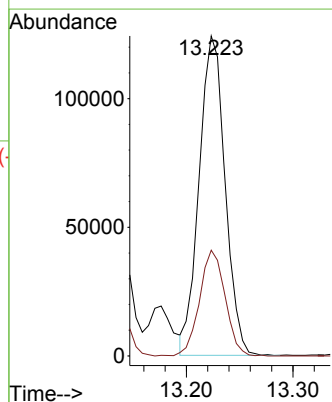
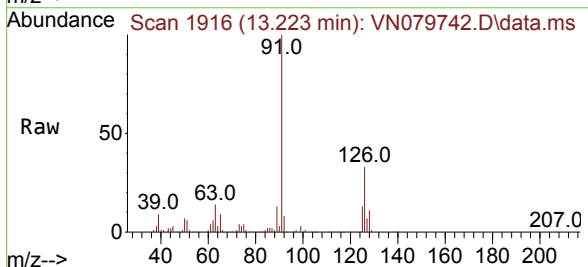
Instrument :
MSVOA_N
ClientSampleId :

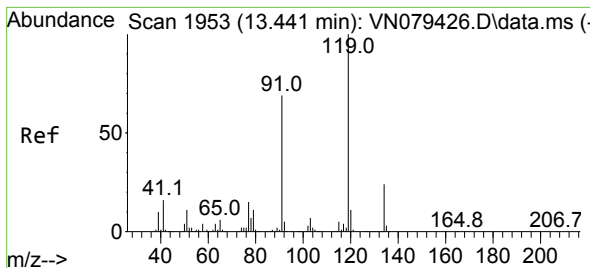
Tgt Ion: 75 Resp: 27146
Ion Ratio Lower Upper
75 100
53 111.4 67.4 101.2#
89 45.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.416 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 91 Resp: 209924
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





#83

tert-Butylbenzene

Concen: 18.648 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

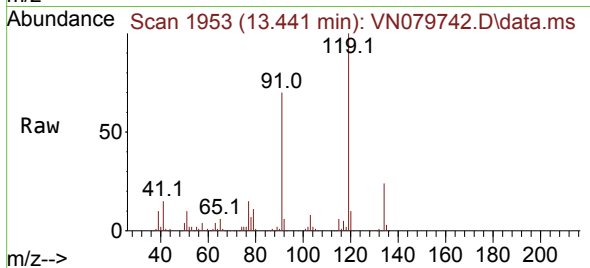
Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :



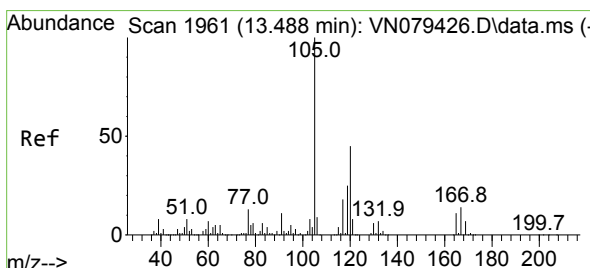
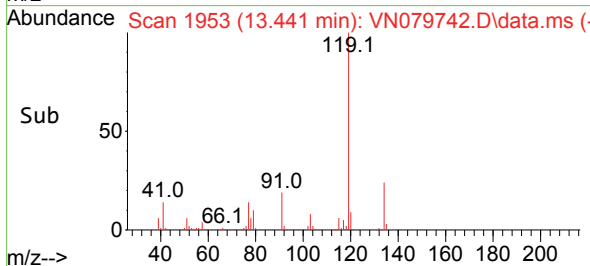
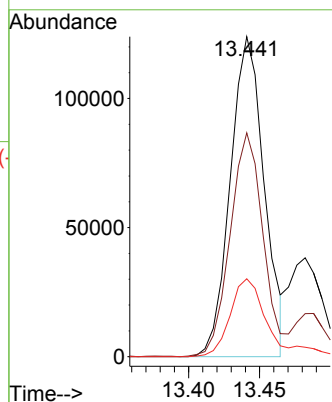
Tgt Ion:119 Resp: 205889

Ion Ratio Lower Upper

119 100

91 68.8 33.9 101.7

134 27.0 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.091 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079742.D

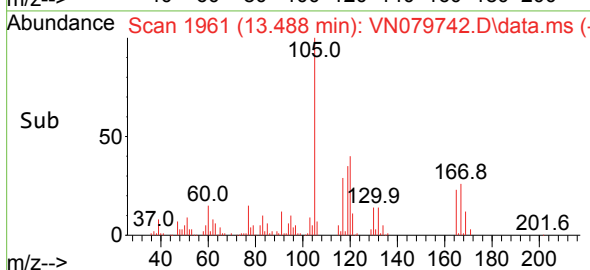
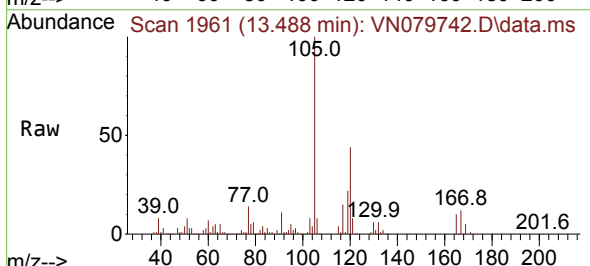
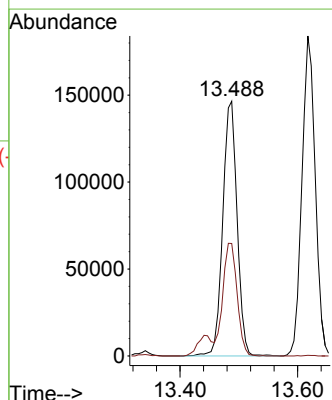
Acq: 31 Oct 2023 14:22

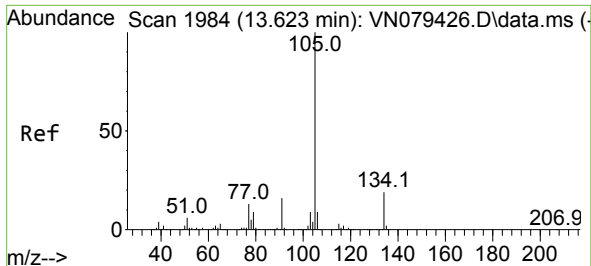
Tgt Ion:105 Resp: 248119

Ion Ratio Lower Upper

105 100

120 44.0 22.0 66.0

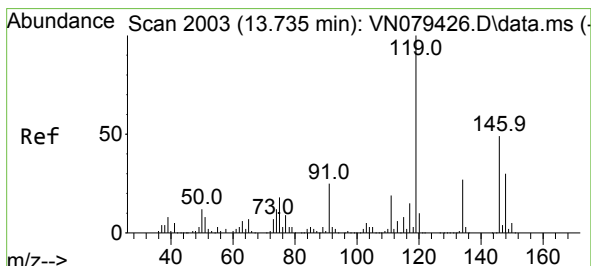
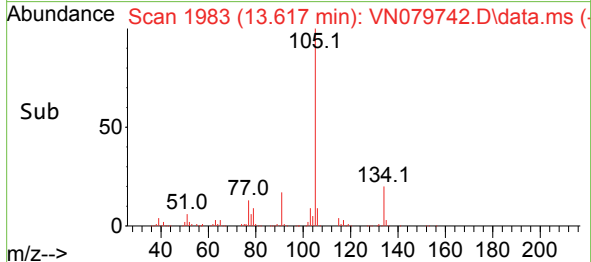
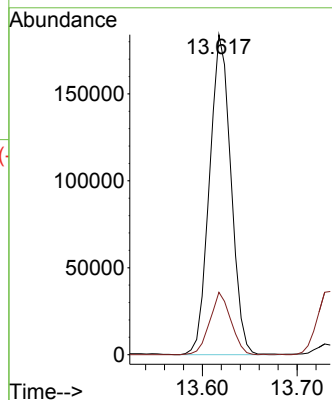
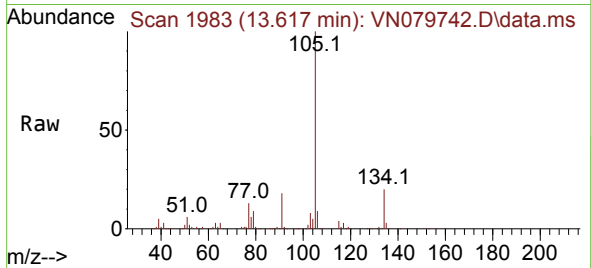




#85
 sec-Butylbenzene
 Concen: 18.794 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN079742.D
 Acq: 31 Oct 2023 14:22

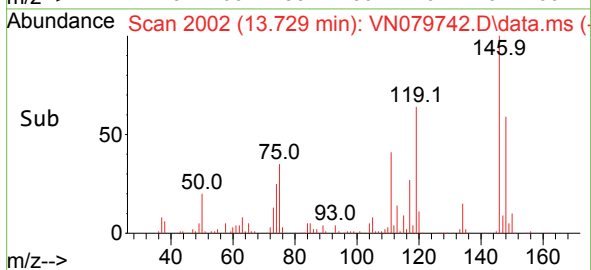
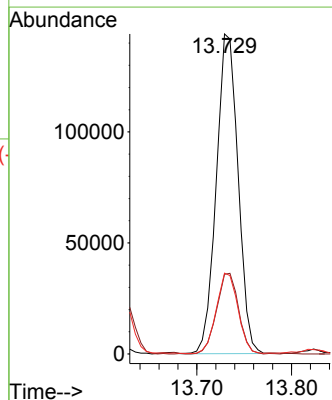
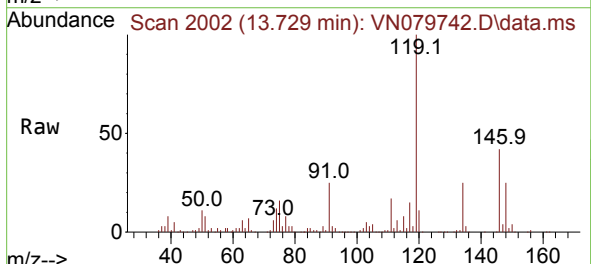
Instrument :
 MSVOA_N
 ClientSampleId :

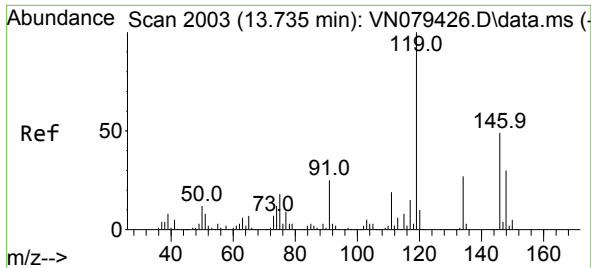
Tgt Ion:105 Resp: 289432
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.771 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN079742.D
 Acq: 31 Oct 2023 14:22

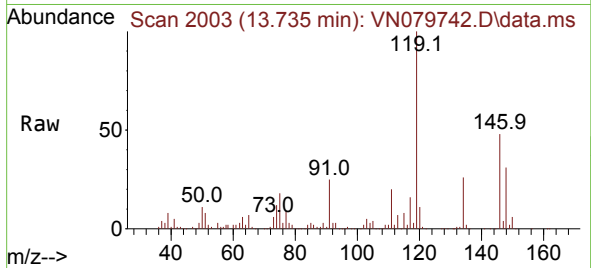
Tgt Ion:119 Resp: 230237
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 25.0 12.4 37.2



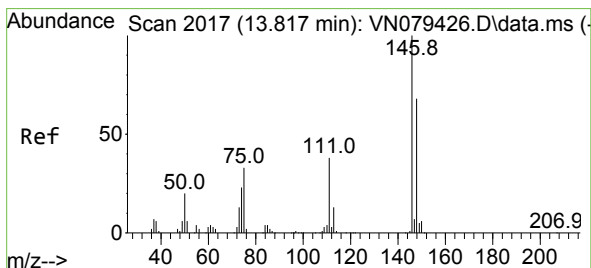
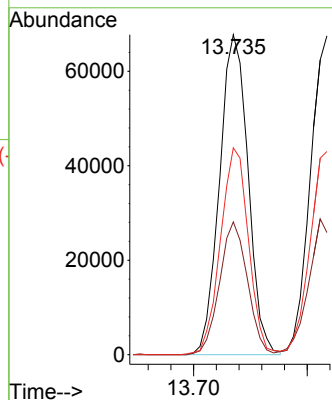
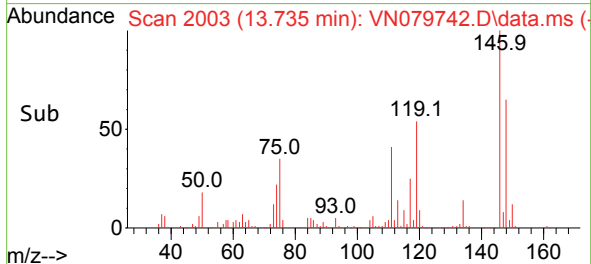


#87
1,3-Dichlorobenzene
Concen: 17.998 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

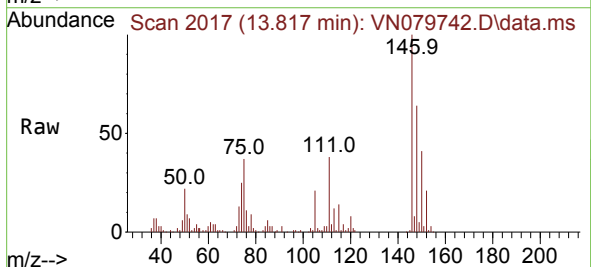
Instrument :
MSVOA_N
ClientSampleId :



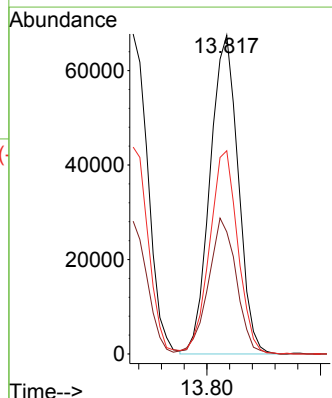
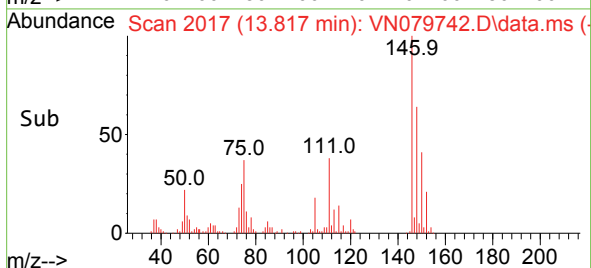
Tgt Ion:146 Resp: 118338
Ion Ratio Lower Upper
146 100
111 40.5 22.1 66.3
148 63.6 32.0 96.0

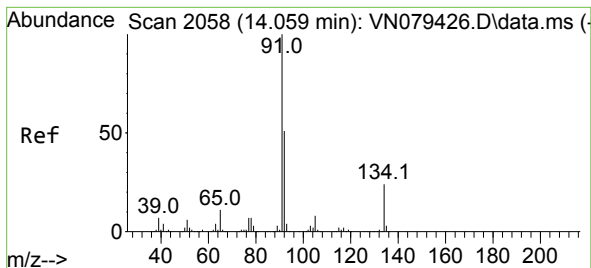


#88
1,4-Dichlorobenzene
Concen: 17.712 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22



Tgt Ion:146 Resp: 116016
Ion Ratio Lower Upper
146 100
111 42.6 20.6 61.8
148 63.9 31.6 94.8





#89

n-Butylbenzene

Concen: 19.037 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

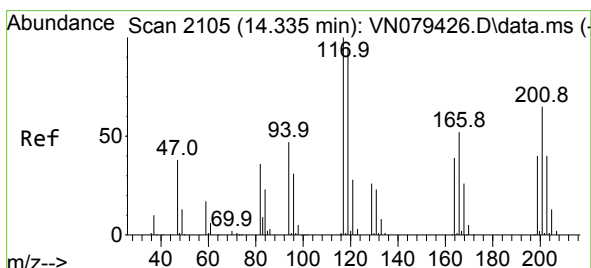
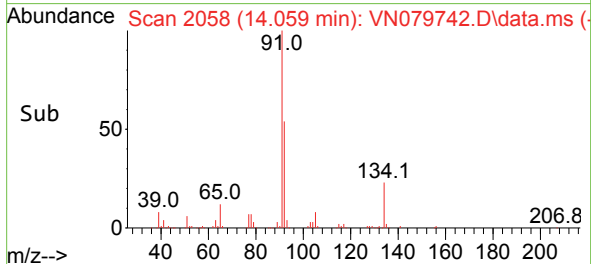
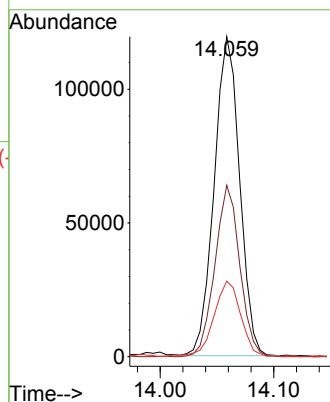
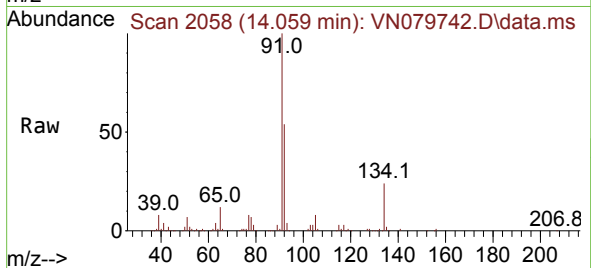
Tgt Ion: 91 Resp: 185517

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.0

134 25.2 12.6 37.6



#90

Hexachloroethane

Concen: 18.174 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079742.D

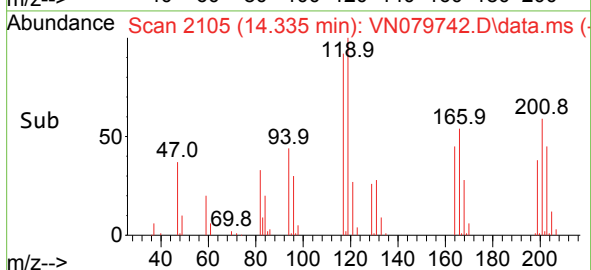
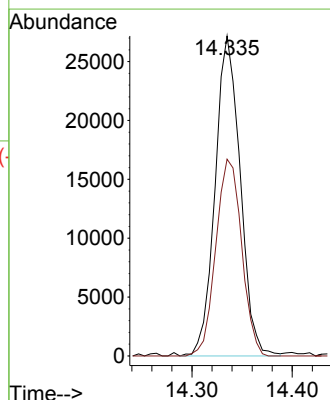
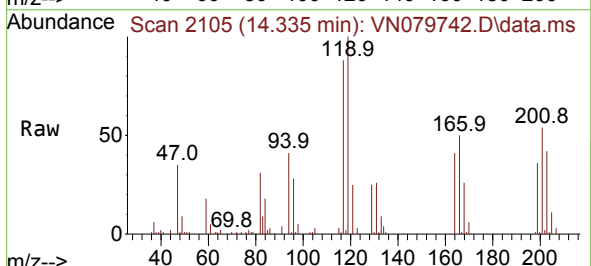
Acq: 31 Oct 2023 14:22

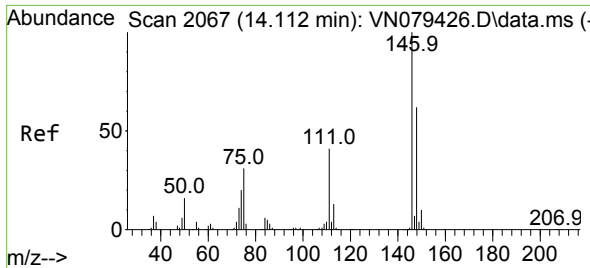
Tgt Ion: 117 Resp: 47102

Ion Ratio Lower Upper

117 100

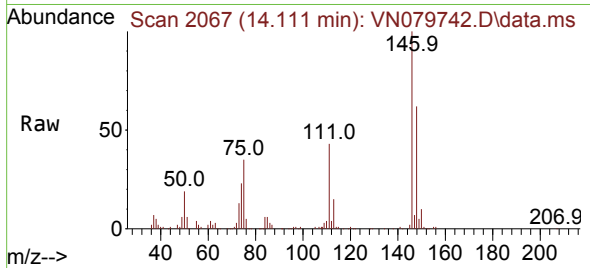
201 63.3 29.3 88.0



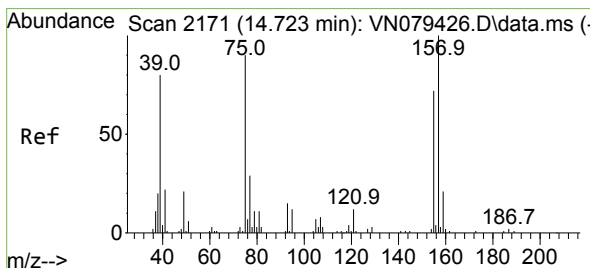
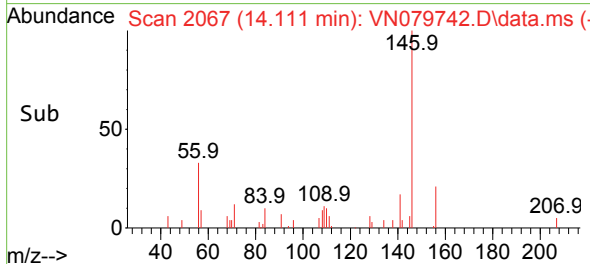
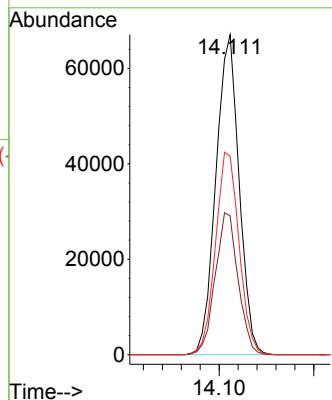


#91
1,2-Dichlorobenzene
Concen: 17.844 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :

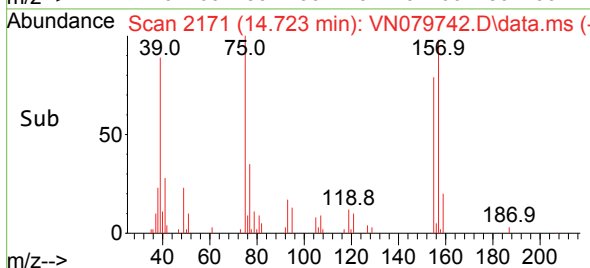
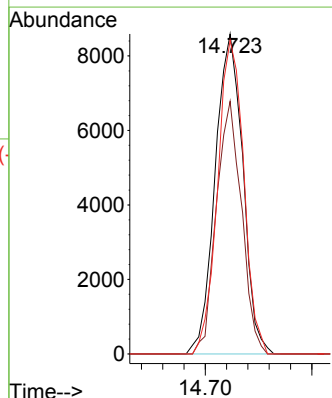
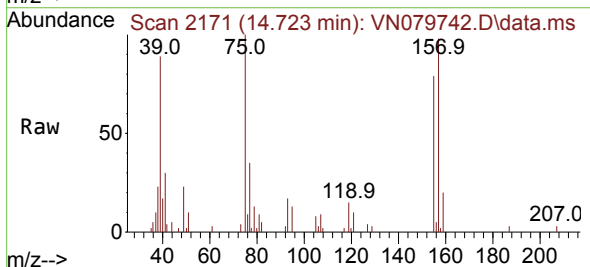


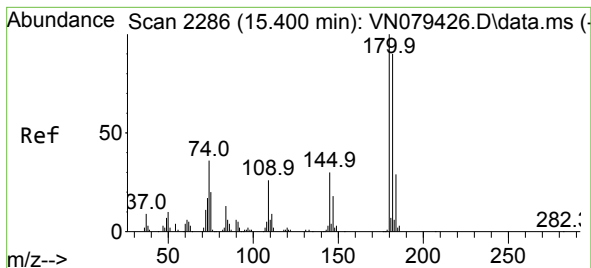
Tgt Ion:146 Resp: 114113
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 64.3 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.122 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 75 Resp: 15450
Ion Ratio Lower Upper
75 100
155 72.1 39.1 117.2
157 92.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.954 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

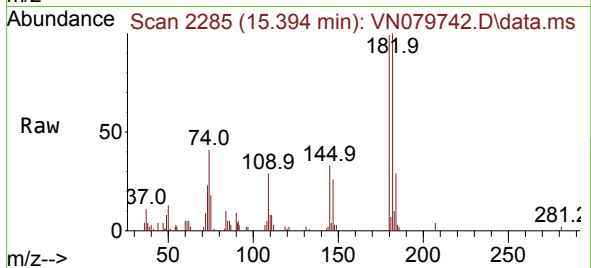
Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :



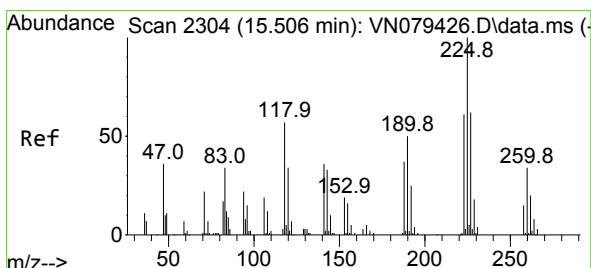
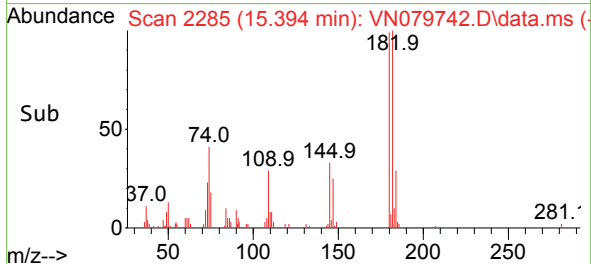
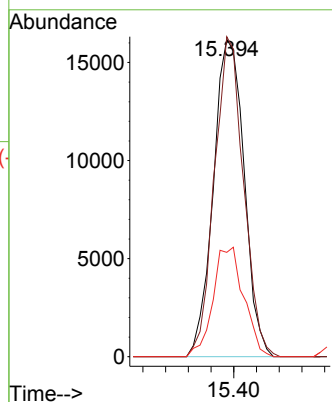
Tgt Ion:180 Resp: 30412

Ion Ratio Lower Upper

180 100

182 95.4 46.1 138.2

145 34.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 17.259 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

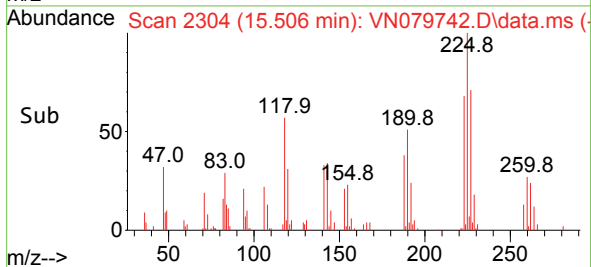
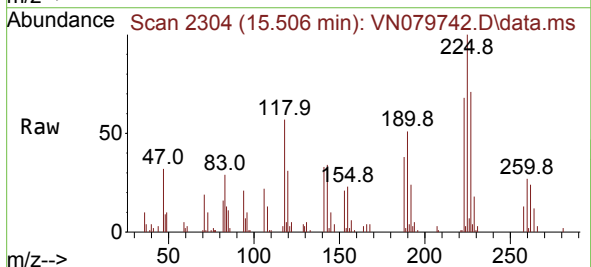
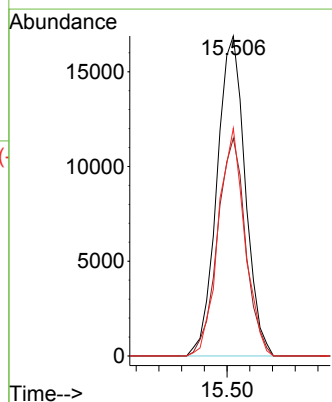
Tgt Ion:225 Resp: 29191

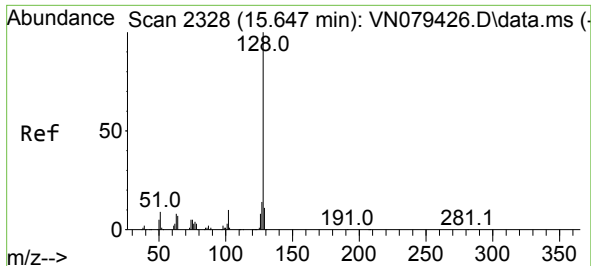
Ion Ratio Lower Upper

225 100

223 67.5 31.3 93.8

227 66.6 31.9 95.9

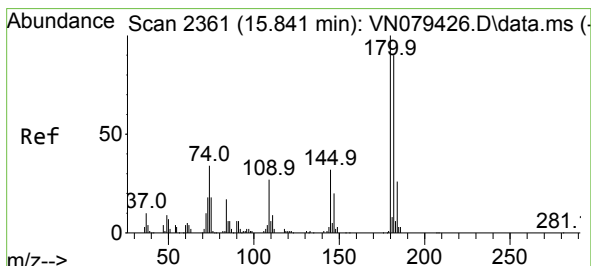
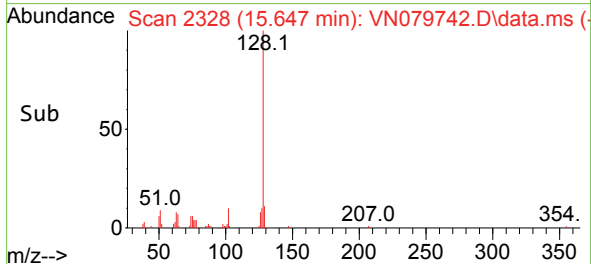
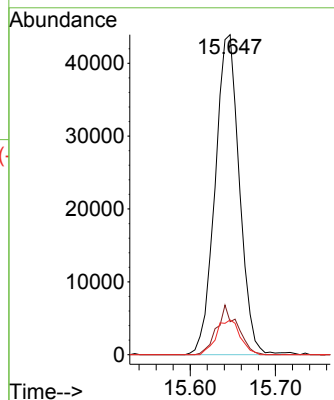
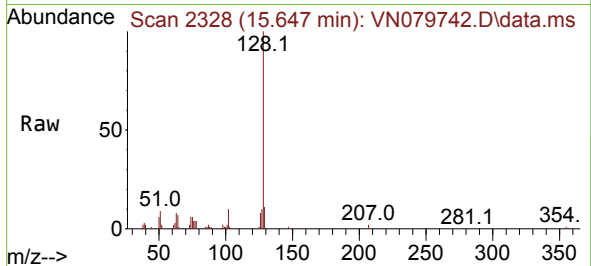




#95
Naphthalene
Concen: 15.697 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 86868
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 16.446 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion:180 Resp: 35008
Ion Ratio Lower Upper
180 100
182 94.0 46.2 138.6
145 35.5 17.5 52.6

