

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079818.D
 Acq On : 03 Nov 2023 02:20
 Operator : JC\MD
 Sample : VN1102WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD02

Quant Time: Nov 03 05:33:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	378352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	662928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	537599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	260540	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	303238	52.606	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.220%	
35) Dibromofluoromethane	8.171	113	239757	51.100	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.200%	
50) Toluene-d8	10.570	98	808873	46.830	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.660%	
62) 4-Bromofluorobenzene	12.853	95	279062	48.715	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	97325	21.356	ug/l	96
3) Chloromethane	2.359	50	115710	19.551	ug/l	98
4) Vinyl Chloride	2.512	62	116558	19.539	ug/l	98
5) Bromomethane	2.959	94	62971	17.373	ug/l	94
6) Chloroethane	3.124	64	70064	14.864	ug/l	94
7) Trichlorofluoromethane	3.500	101	161973	21.830	ug/l	96
8) Diethyl Ether	3.959	74	58499	20.776	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.371	101	91448	21.261	ug/l	98
10) Methyl Iodide	4.589	142	100112	20.382	ug/l	99
11) Tert butyl alcohol	5.524	59	67067	91.144	ug/l #	83
12) 1,1-Dichloroethene	4.341	96	86970	21.355	ug/l	85
13) Acrolein	4.177	56	64428	100.499	ug/l	96
14) Allyl chloride	5.024	41	135598	21.739	ug/l #	90
15) Acrylonitrile	5.718	53	241679	105.393	ug/l	99
16) Acetone	4.430	43	190702	94.184	ug/l	95
17) Carbon Disulfide	4.712	76	241610	20.567	ug/l	98
18) Methyl Acetate	5.024	43	203536	21.011	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	288887	20.604	ug/l	93
20) Methylene Chloride	5.277	84	107538	21.049	ug/l #	85
21) trans-1,2-Dichloroethene	5.788	96	94647	20.838	ug/l	86
22) Diisopropyl ether	6.677	45	329294	22.780	ug/l #	89
23) Vinyl Acetate	6.606	43	810182	101.610	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	194403	22.127	ug/l	97
25) 2-Butanone	7.482	43	297341	100.284	ug/l #	78
26) 2,2-Dichloropropane	7.488	77	128318	17.660	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	104707	19.272	ug/l	82
28) Bromochloromethane	7.818	49	100982	23.585	ug/l #	75
29) Tetrahydrofuran	7.841	42	199753	103.549	ug/l #	76
30) Chloroform	7.971	83	193191	20.243	ug/l	94
31) Cyclohexane	8.265	56	159053	20.881	ug/l	83
32) 1,1,1-Trichloroethane	8.165	97	162170	20.855	ug/l	96
36) 1,1-Dichloropropene	8.377	75	139277	20.790	ug/l	95
37) Ethyl Acetate	7.559	43	126818	20.641	ug/l #	92
38) Carbon Tetrachloride	8.365	117	138222	20.472	ug/l	97
39) Methylcyclohexane	9.606	83	124028	19.672	ug/l	87
40) Benzene	8.606	78	420167	20.940	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	71790	22.004	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	149397	21.315	ug/l	98
43) Isopropyl Acetate	8.688	43	201891	18.737	ug/l #	93
44) Trichloroethene	9.353	130	94335	18.946	ug/l	98
45) 1,2-Dichloropropane	9.623	63	106620	20.792	ug/l	93
46) Dibromomethane	9.712	93	66288	18.932	ug/l	96
47) Bromodichloromethane	9.888	83	137596	18.427	ug/l	98
48) Methyl methacrylate	9.682	41	93097	19.726	ug/l #	77
49) 1,4-Dioxane	9.694	88	29773	357.020	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	569035	93.805	ug/l	90
52) Toluene	10.635	92	232575	19.551	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	140641	19.212	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	144440	18.103	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	93422	19.526	ug/l	96
56) Ethyl methacrylate	10.876	69	131804	19.313	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	165590	19.634	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	307291	88.837	ug/l	89
59) 2-Hexanone	11.200	43	409469	88.237	ug/l	88
60) Dibromochloromethane	11.359	129	97955	19.126	ug/l	100
61) 1,2-Dibromoethane	11.470	107	88708	18.472	ug/l	99
64) Tetrachloroethene	11.106	164	79699	22.890	ug/l	92
65) Chlorobenzene	11.894	112	224857	19.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	94815	22.567	ug/l	97
67) Ethyl Benzene	11.964	91	435125	21.416	ug/l	97
68) m/p-Xylenes	12.076	106	327485	43.269	ug/l	92
69) o-Xylene	12.400	106	160158	21.975	ug/l	91
70) Styrene	12.412	104	268653	22.937	ug/l	97
71) Bromoform	12.582	173	64239	21.532	ug/l #	97
73) Isopropylbenzene	12.700	105	387231	19.583	ug/l	100
74) N-amyl acetate	12.500	43	158025	18.309	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	126877	18.097	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	150809	24.655	ug/l	76
77) Bromobenzene	12.982	156	88332	18.246	ug/l	93
78) n-propylbenzene	13.041	91	431389	19.051	ug/l	97
79) 2-Chlorotoluene	13.129	91	270533	18.702	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	316325	20.562	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	36159	16.084	ug/l #	83
82) 4-Chlorotoluene	13.223	91	276449	19.232	ug/l	98
83) tert-Butylbenzene	13.441	119	244944	19.451	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	331967	21.932	ug/l	99
85) sec-Butylbenzene	13.617	105	334854	19.193	ug/l	99
86) p-Isopropyltoluene	13.729	119	293601	20.640	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	177375	19.696	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	171514	18.763	ug/l	97
89) n-Butylbenzene	14.058	91	237039	19.348	ug/l	98
90) Hexachloroethane	14.335	117	57071	20.259	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	176052	20.708	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23980	20.170	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	74154	18.344	ug/l	95
94) Hexachlorobutadiene	15.505	225	36710	20.033	ug/l	97
95) Naphthalene	15.647	128	201477	14.697	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	75830	19.137	ug/l	97

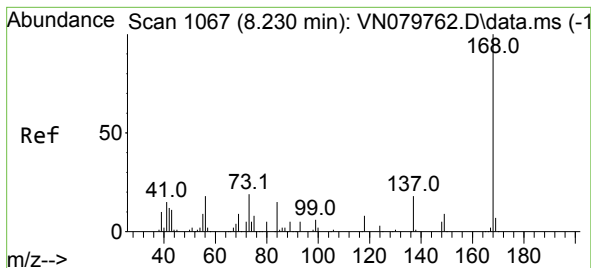
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.005 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

Instrument :

MSVOA_N

ClientSampleId :

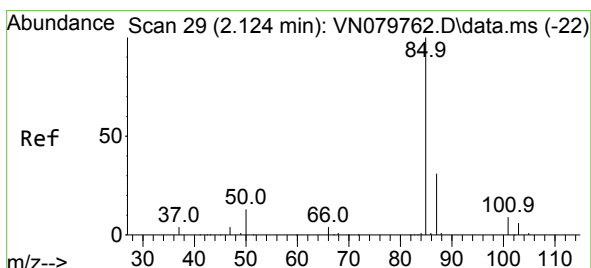
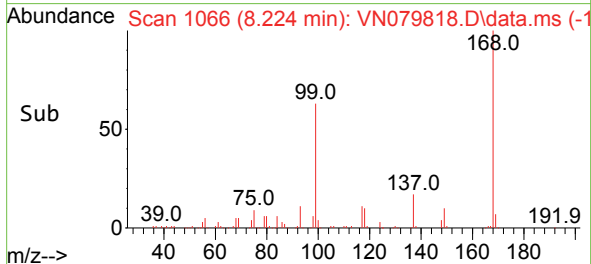
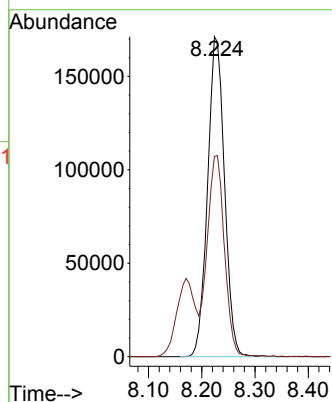
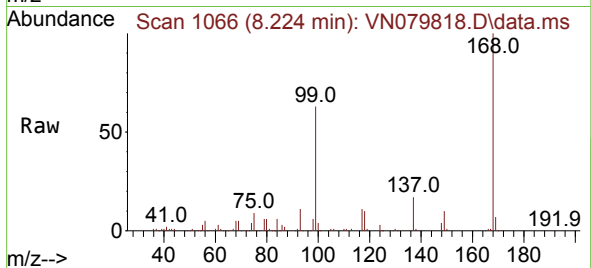
VN1102WBSD02

Tgt Ion:168 Resp: 378352

Ion Ratio Lower Upper

168 100

99 62.4 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 21.356 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN079818.D

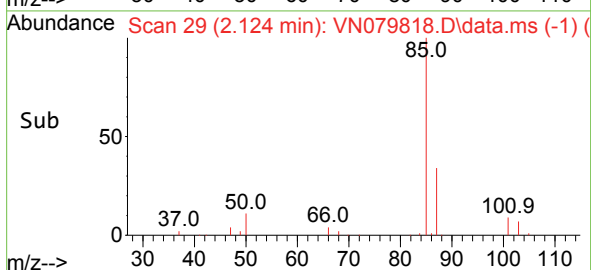
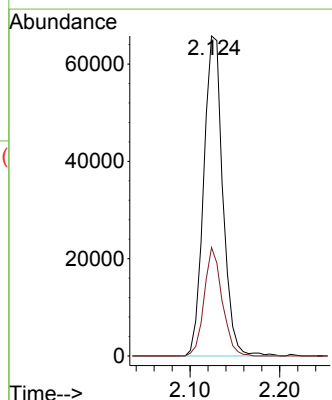
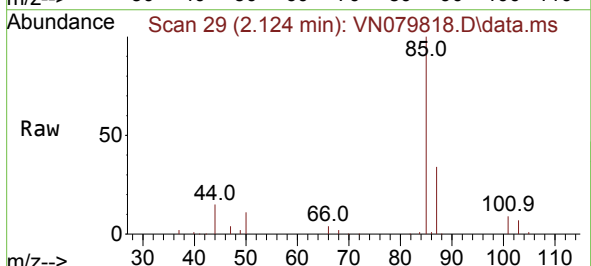
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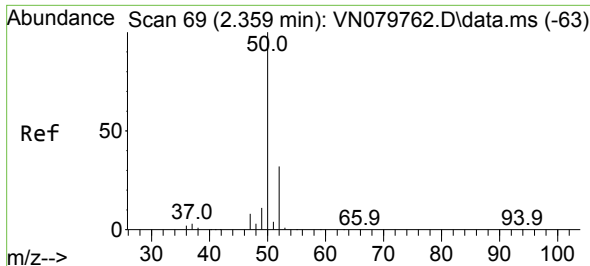
Tgt Ion: 85 Resp: 97325

Ion Ratio Lower Upper

85 100

87 33.9 15.8 47.4

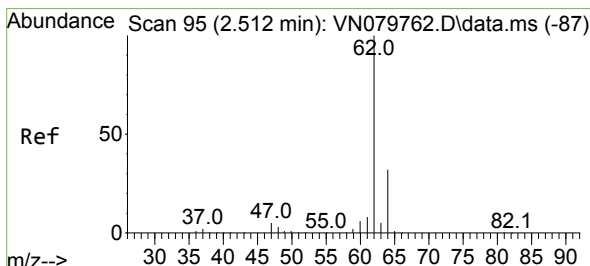
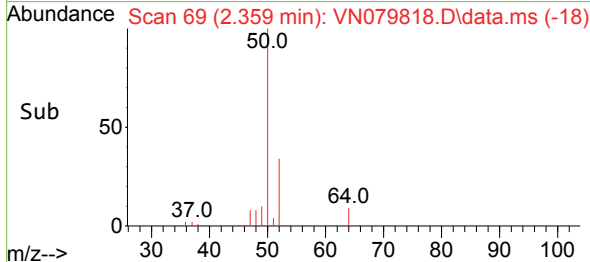
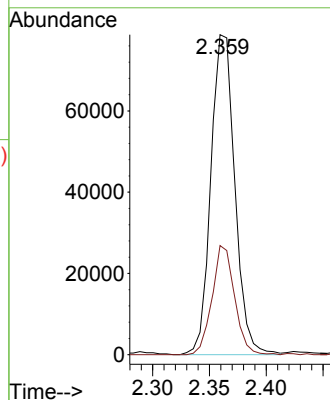
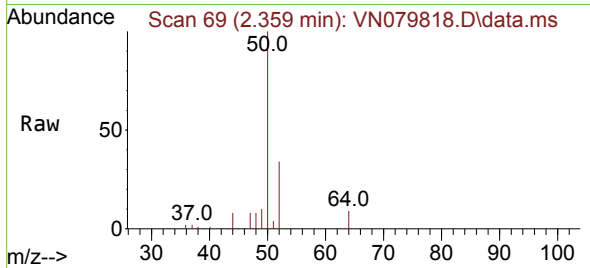




#3
Chloromethane
Concen: 19.551 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

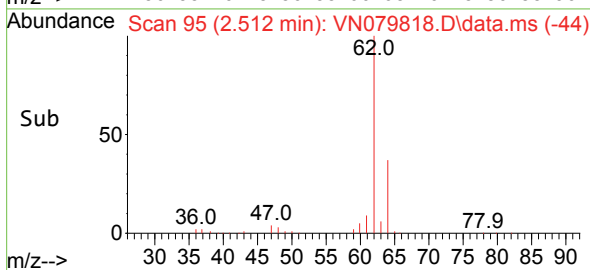
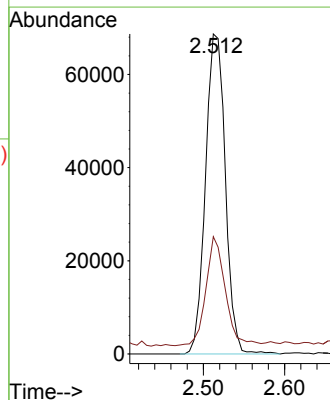
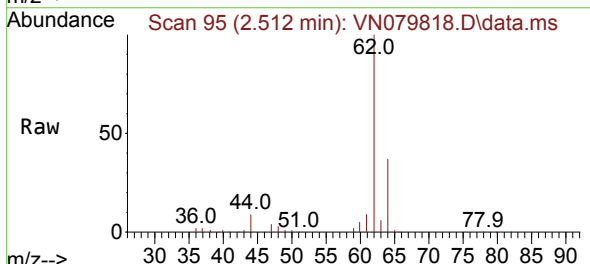
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

Tgt Ion: 50 Resp: 115710
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7



#4
Vinyl Chloride
Concen: 19.539 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 62 Resp: 116558
Ion Ratio Lower Upper
62 100
64 33.8 26.2 39.2

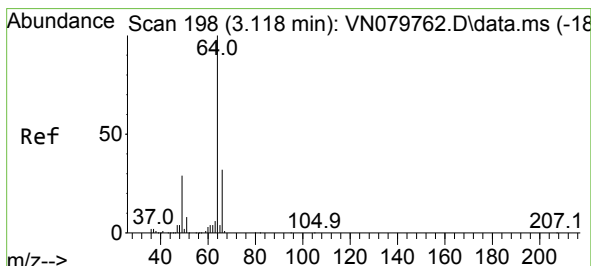
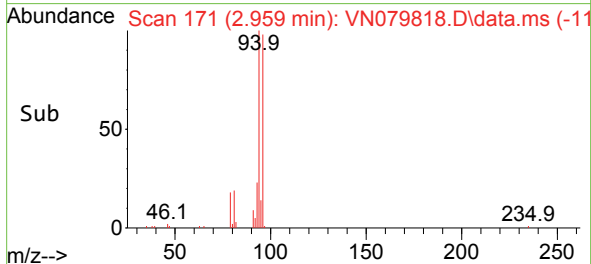
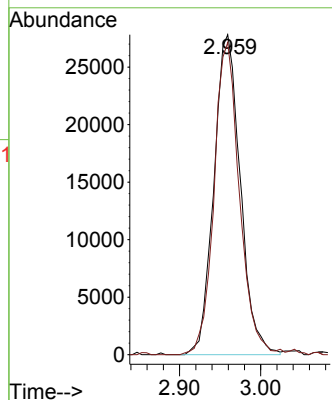
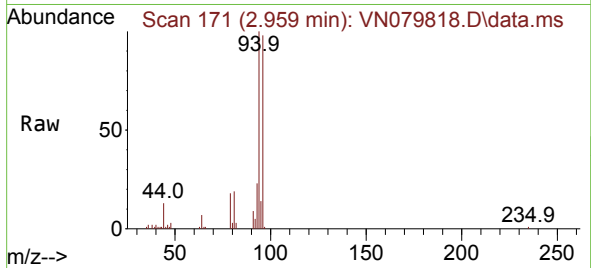




#5
Bromomethane
Concen: 17.373 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

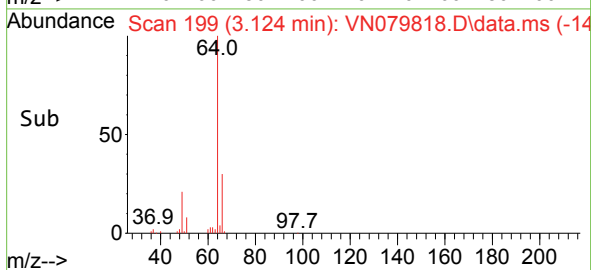
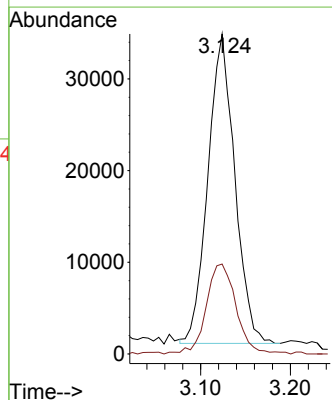
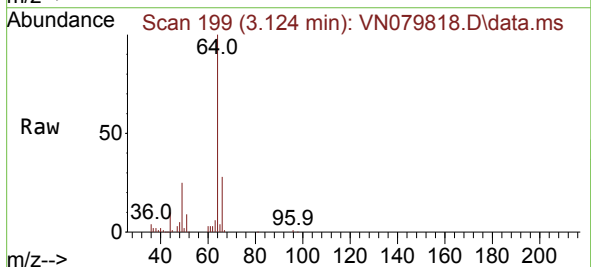
Instrument :
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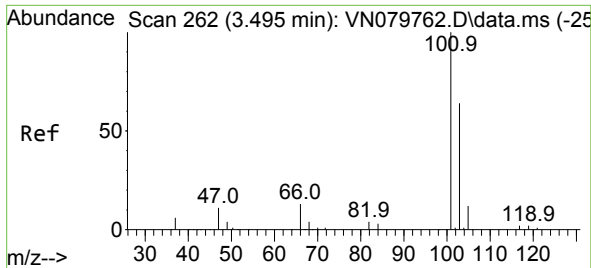
Tgt Ion: 94 Resp: 62971
Ion Ratio Lower Upper
94 100
96 97.6 73.1 109.7



#6
Chloroethane
Concen: 14.864 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 64 Resp: 70064
Ion Ratio Lower Upper
64 100
66 28.5 25.4 38.2

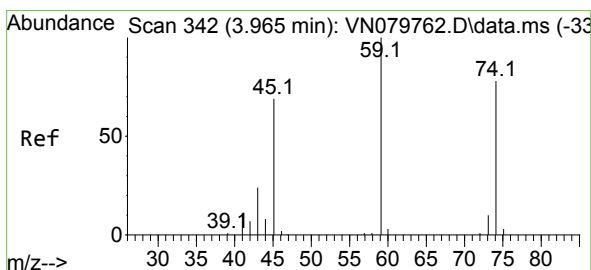
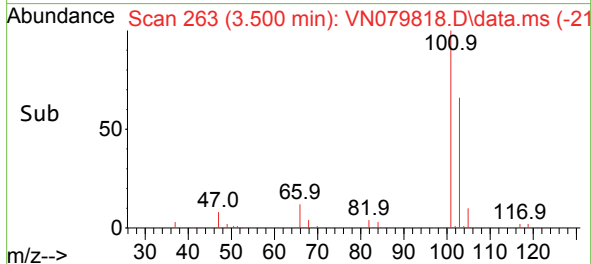
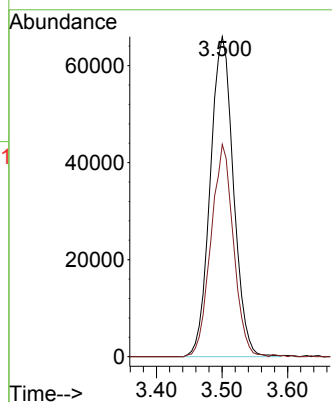
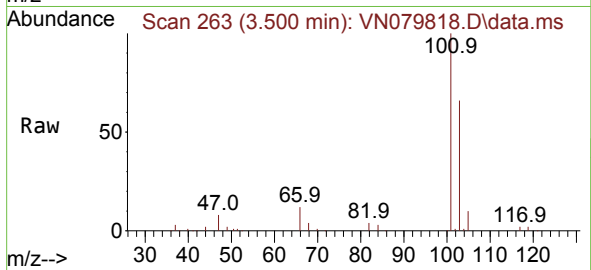




#7
Trichlorofluoromethane
Concen: 21.830 ug/l
RT: 3.500 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

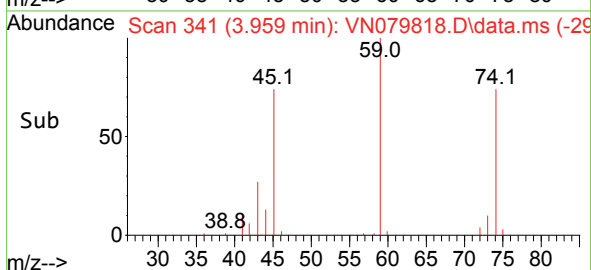
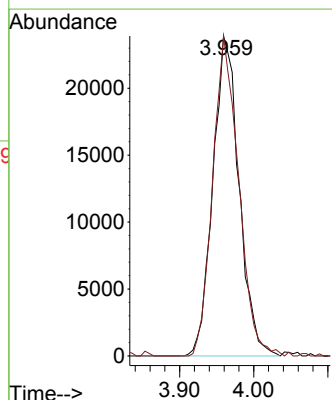
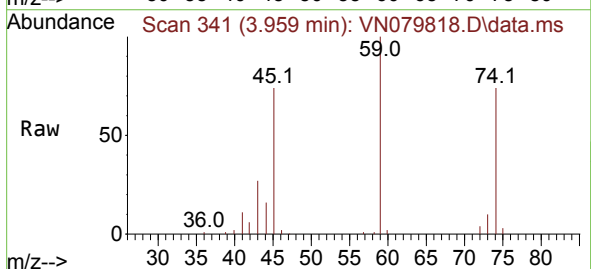
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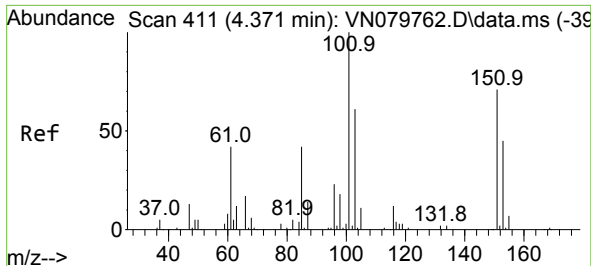
Tgt Ion:101 Resp: 161973
Ion Ratio Lower Upper
101 100
103 66.3 50.7 76.1



#8
Diethyl Ether
Concen: 20.776 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 74 Resp: 58499
Ion Ratio Lower Upper
74 100
45 99.4 34.4 103.3

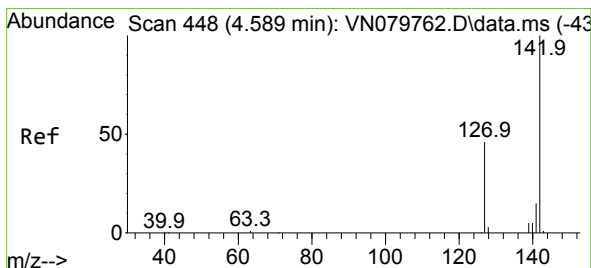
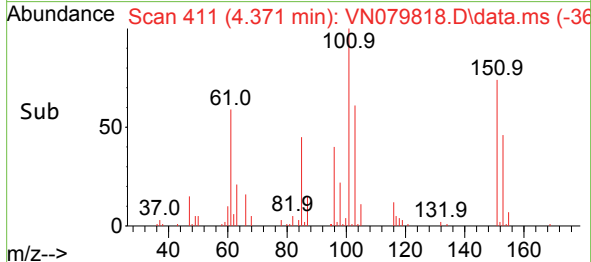
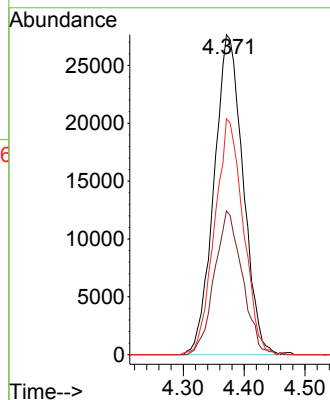
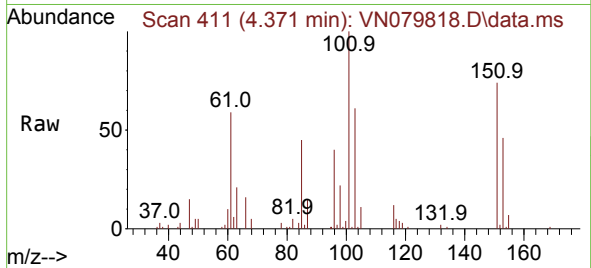




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.261 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

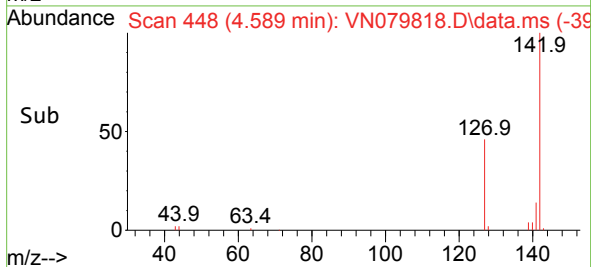
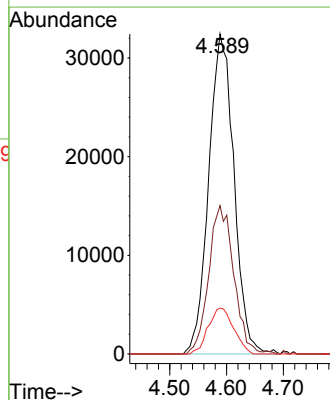
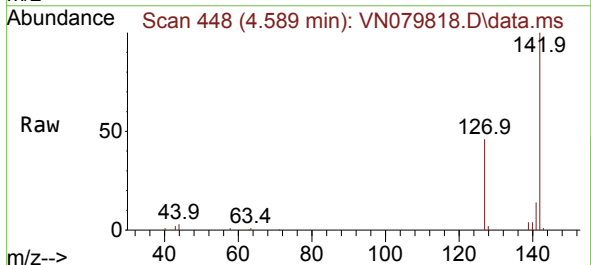
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ClientSampleId :
VN1102WBSD02

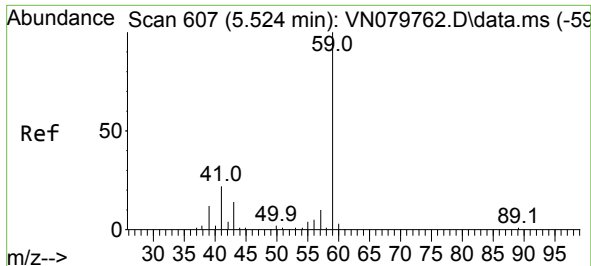
Tgt Ion:101 Resp: 91448
Ion Ratio Lower Upper
101 100
85 43.3 36.6 55.0
151 72.8 57.6 86.4



#10
Methyl Iodide
Concen: 20.382 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion:142 Resp: 100112
Ion Ratio Lower Upper
142 100
127 46.4 37.6 56.4
141 14.3 11.4 17.0

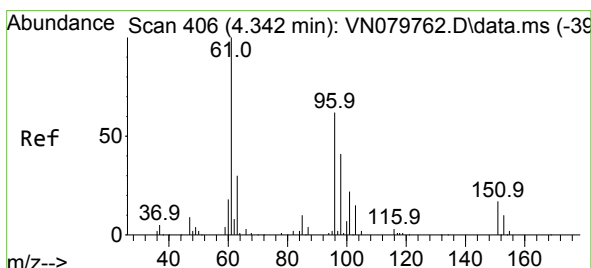
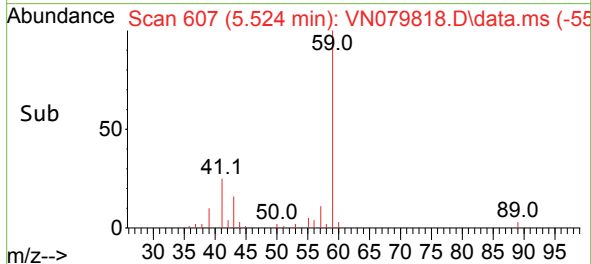
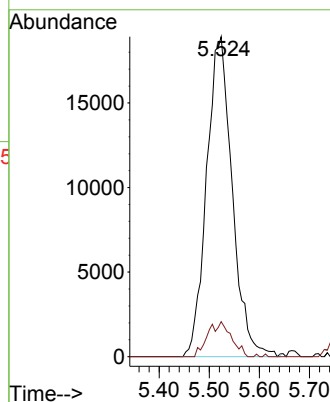
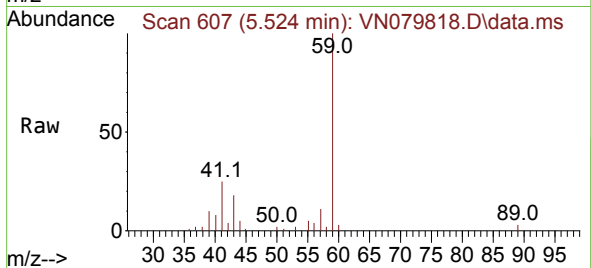




#11
Tert butyl alcohol
Concen: 91.144 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

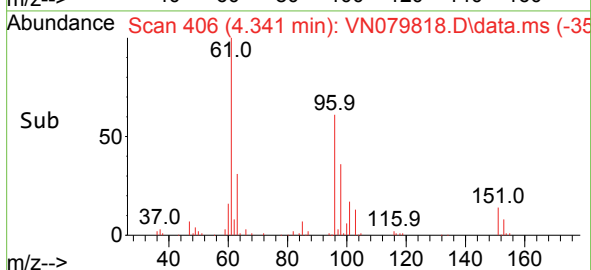
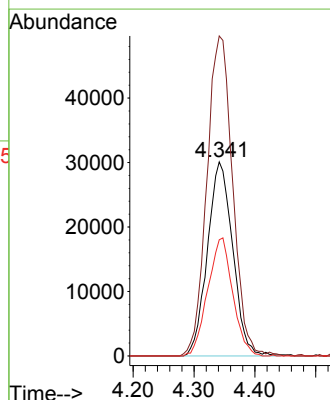
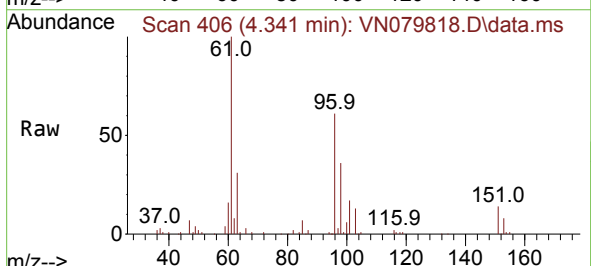
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

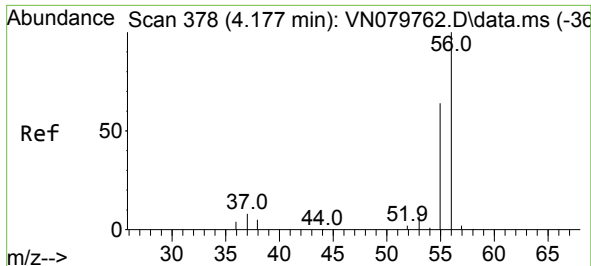
Tgt Ion: 59 Resp: 67067
Ion Ratio Lower Upper
59 100
57 4.1 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 21.355 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 96 Resp: 86970
Ion Ratio Lower Upper
96 100
61 164.8 112.7 169.1
98 59.8 51.2 76.8





#13

Acrolein

Concen: 100.499 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

Instrument :

MSVOA_N

ClientSampleId :

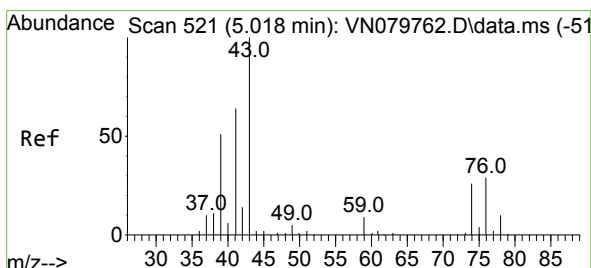
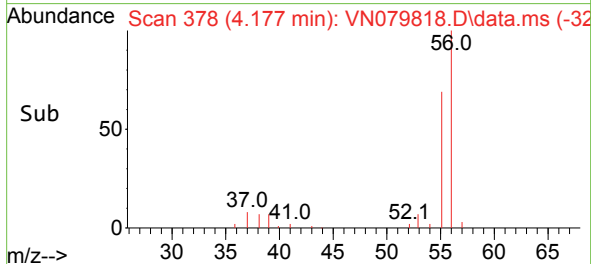
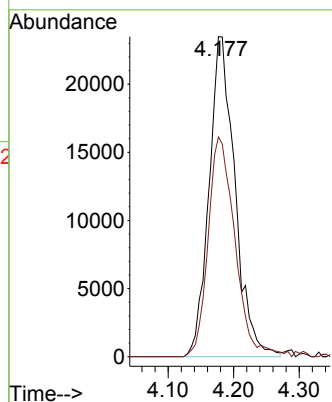
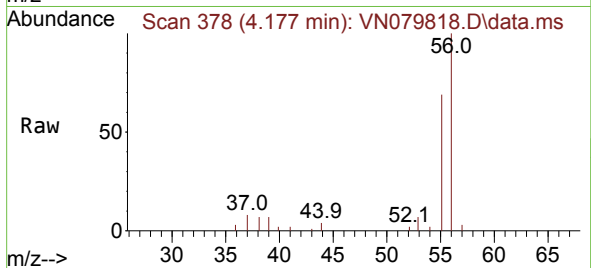
VN1102WBSD02

Tgt Ion: 56 Resp: 64428

Ion Ratio Lower Upper

56 100

55 71.2 54.5 81.7



#14

Allyl chloride

Concen: 21.739 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

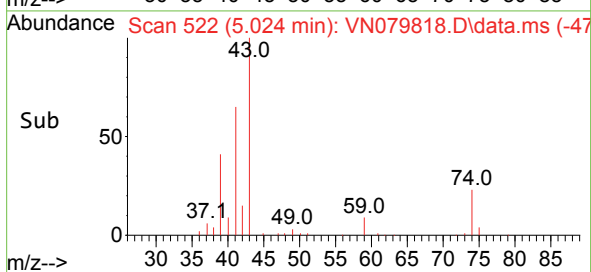
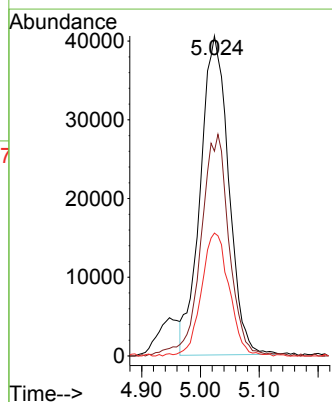
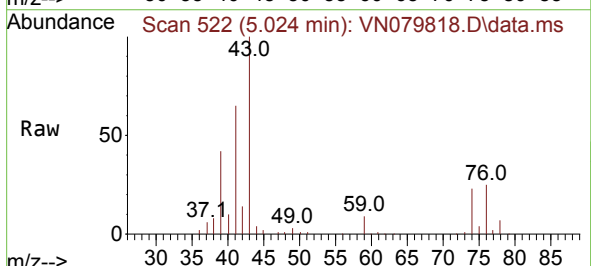
Tgt Ion: 41 Resp: 135598

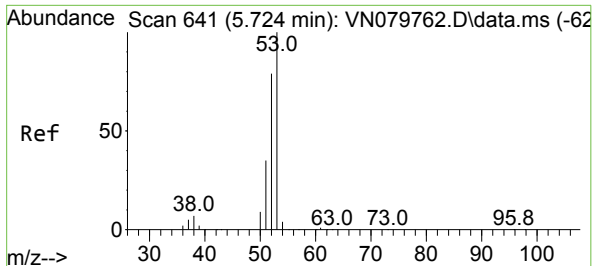
Ion Ratio Lower Upper

41 100

39 69.1 58.8 88.2

76 37.9 39.1 58.7#

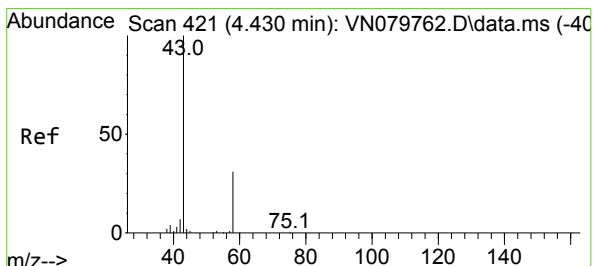
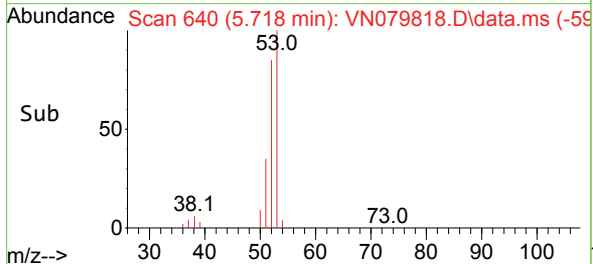
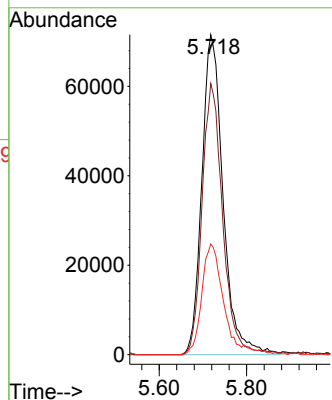
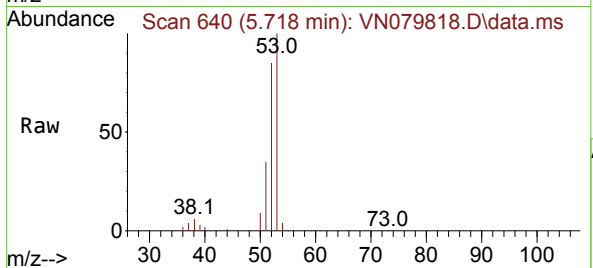




#15
Acrylonitrile
Concen: 105.393 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

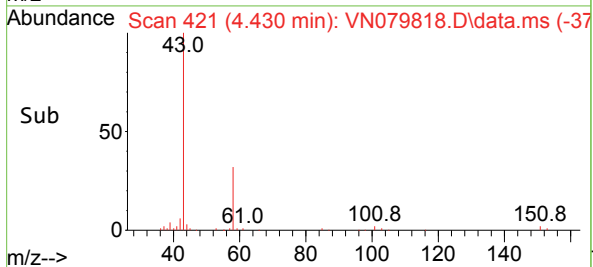
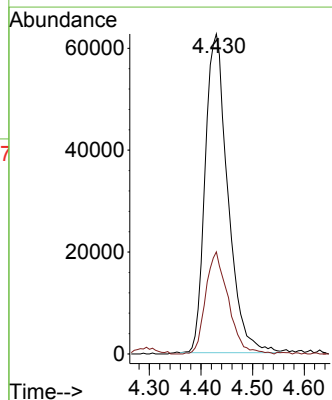
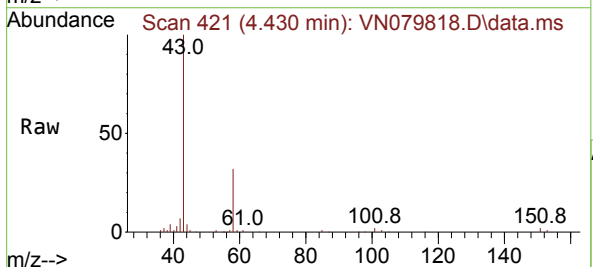
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

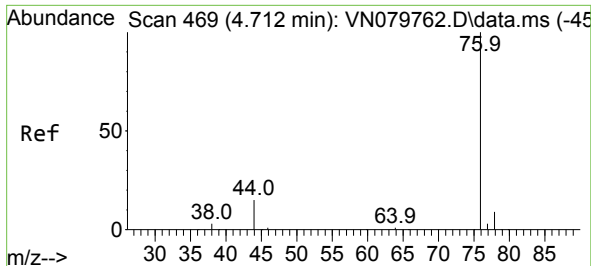
Tgt Ion: 53 Resp: 241679
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 35.8 28.9 43.3



#16
Acetone
Concen: 94.184 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 43 Resp: 190702
Ion Ratio Lower Upper
43 100
58 32.0 28.0 42.0

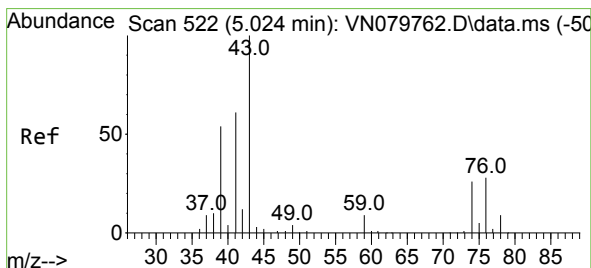
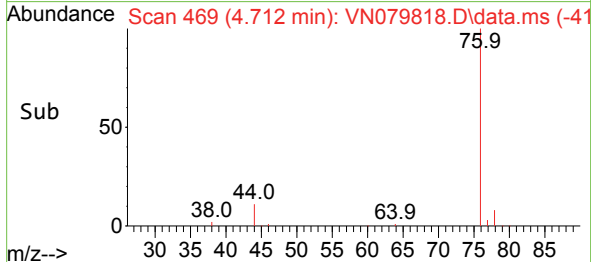
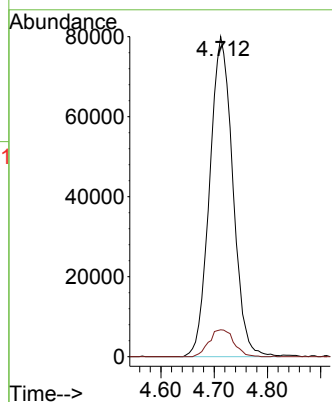
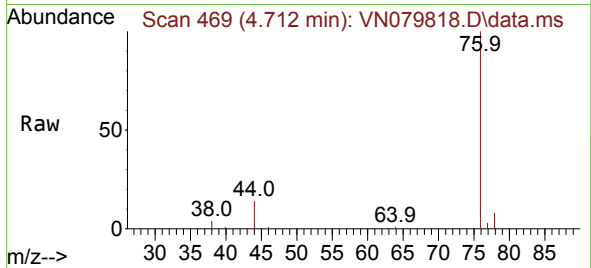




#17
Carbon Disulfide
Concen: 20.567 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

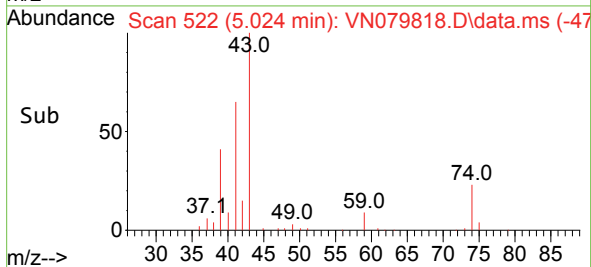
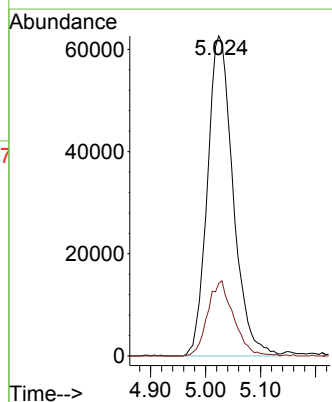
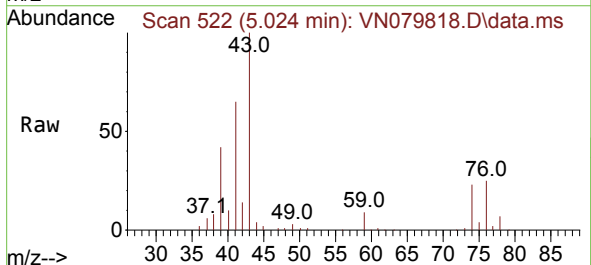
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

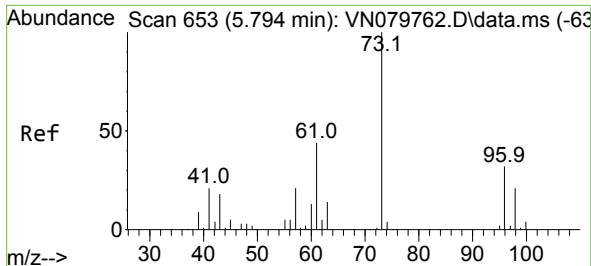
Tgt Ion: 76 Resp: 241610
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 21.011 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 43 Resp: 203536
Ion Ratio Lower Upper
43 100
74 23.7 26.2 39.4#

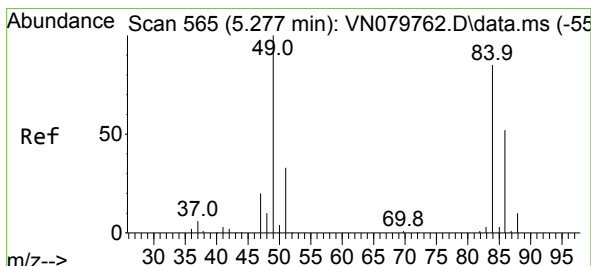
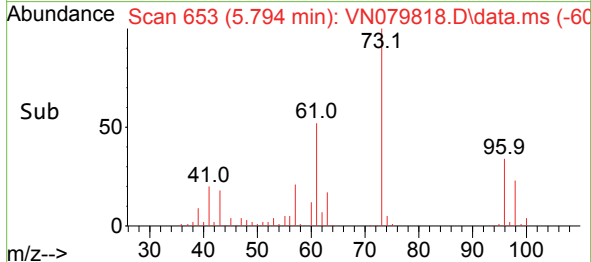
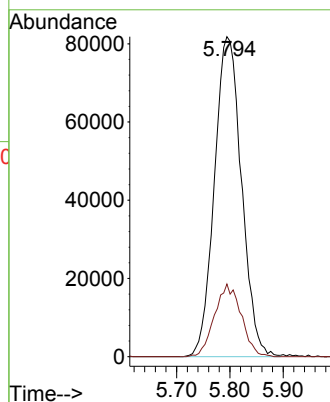
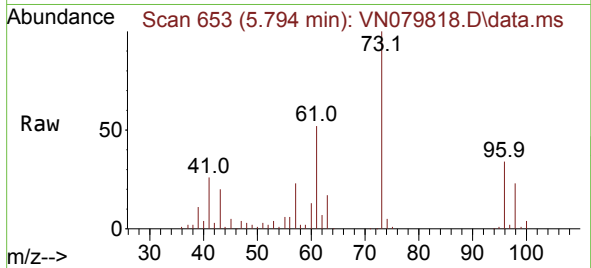




#19
Methyl tert-butyl Ether
Concen: 20.604 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

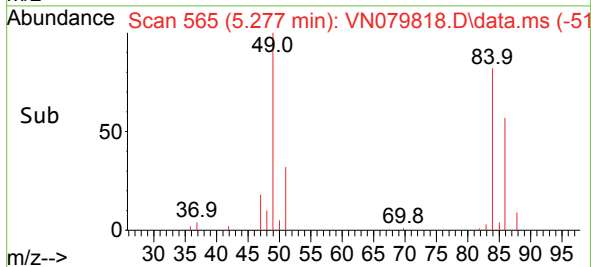
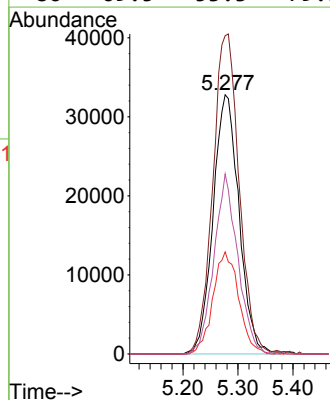
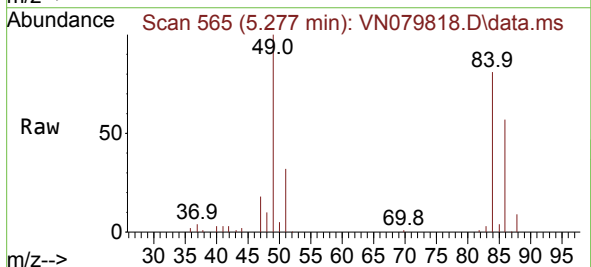
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

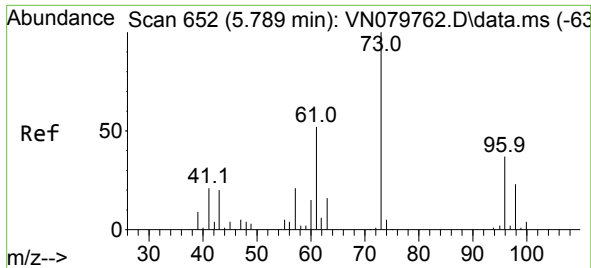
Tgt Ion: 73 Resp: 288887
Ion Ratio Lower Upper
73 100
57 22.7 15.6 23.4



#20
Methylene Chloride
Concen: 21.049 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 84 Resp: 107538
Ion Ratio Lower Upper
84 100
49 122.8 79.7 119.5#
51 39.4 25.2 37.8#
86 69.5 53.3 79.9

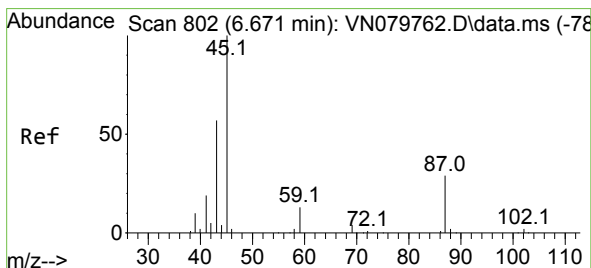
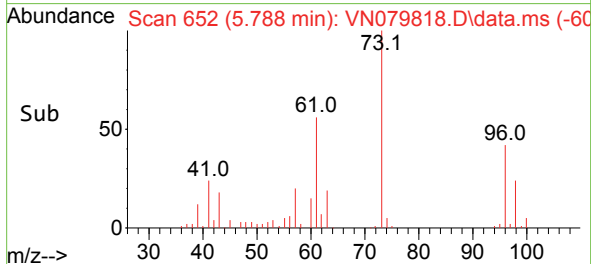
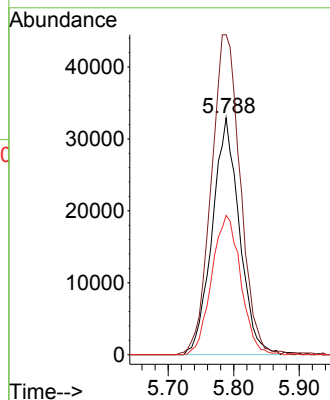
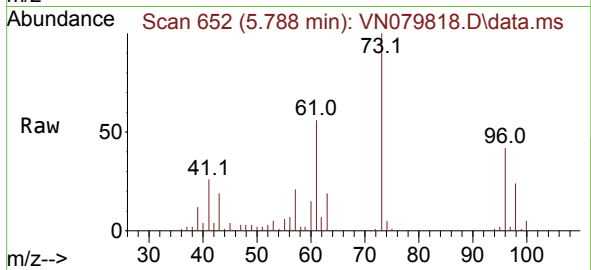




#21
trans-1,2-Dichloroethene
Concen: 20.838 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

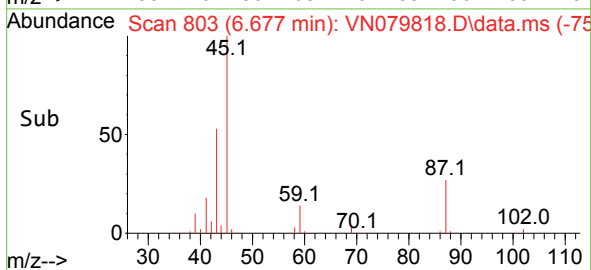
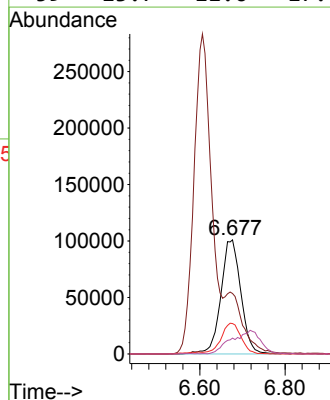
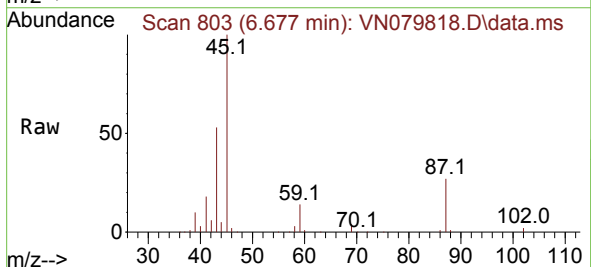
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

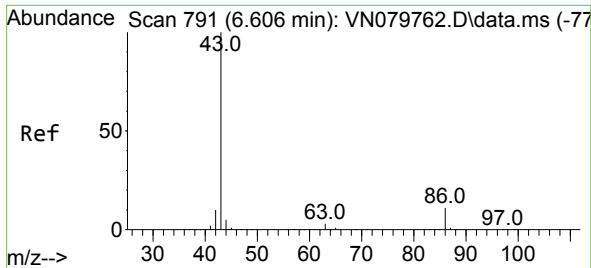
Tgt Ion: 96 Resp: 94647
Ion Ratio Lower Upper
96 100
61 134.4 90.1 135.1
98 58.8 46.4 69.6



#22
Diisopropyl ether
Concen: 22.780 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 45 Resp: 329294
Ion Ratio Lower Upper
45 100
43 52.2 45.5 68.3
87 26.7 31.8 47.8#
59 13.7 11.6 17.4

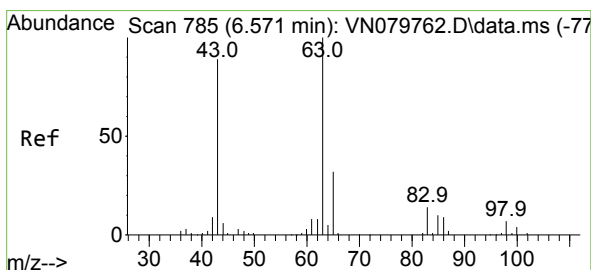
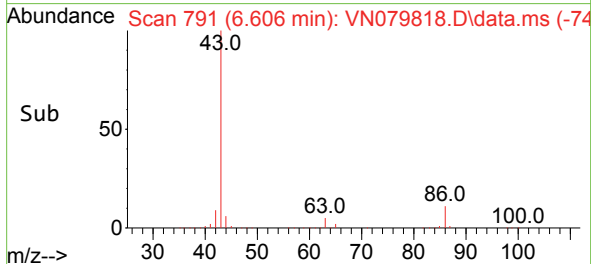
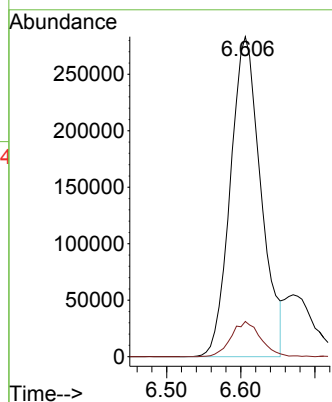
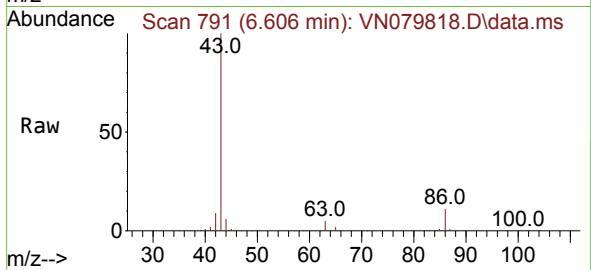




#23
 Vinyl Acetate
 Concen: 101.610 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VN079818.D
 Acq: 03 Nov 2023 02:20

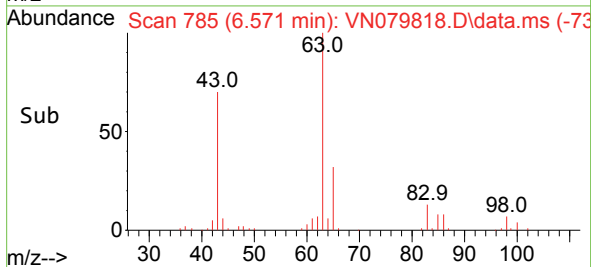
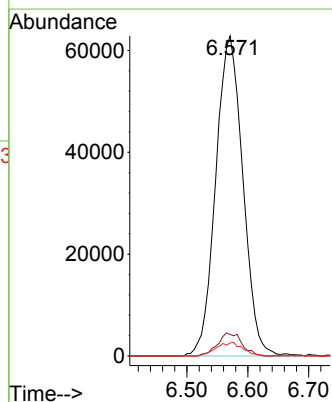
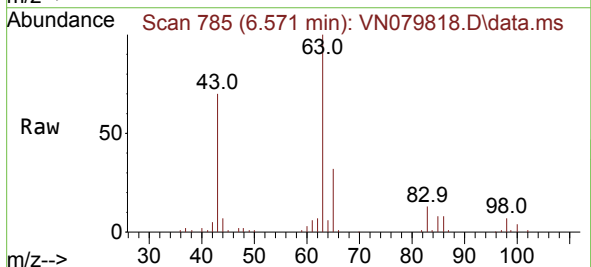
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD02

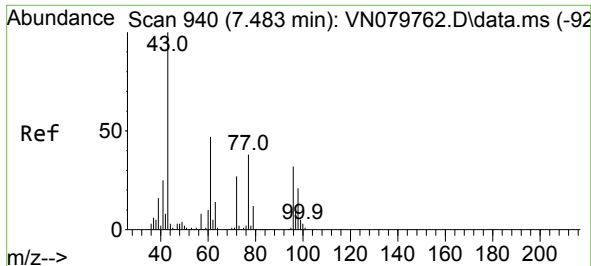
Tgt Ion: 43 Resp: 810182
 Ion Ratio Lower Upper
 43 100
 86 11.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 22.127 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN079818.D
 Acq: 03 Nov 2023 02:20

Tgt Ion: 63 Resp: 194403
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.1 2.5 7.4

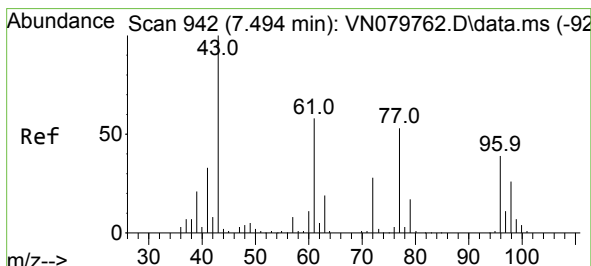
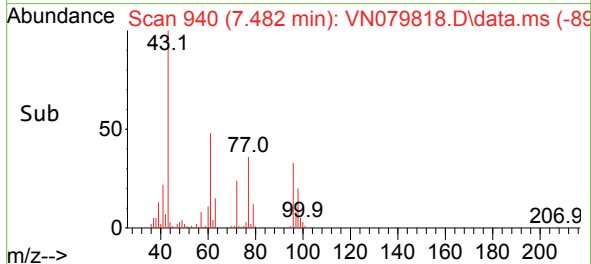
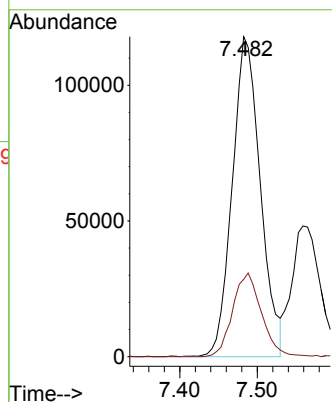
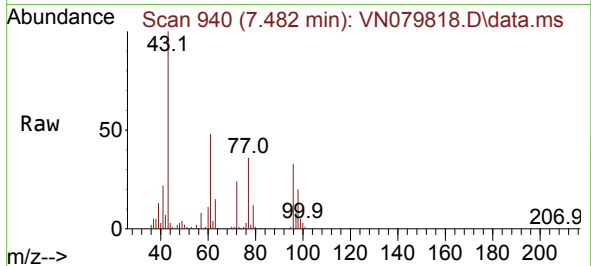




#25
2-Butanone
Concen: 100.284 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

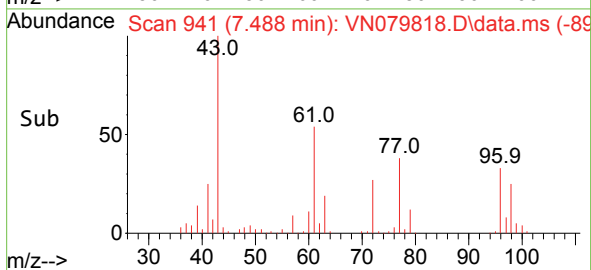
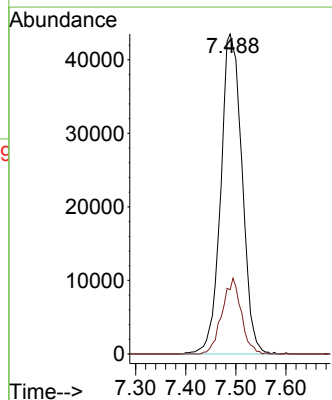
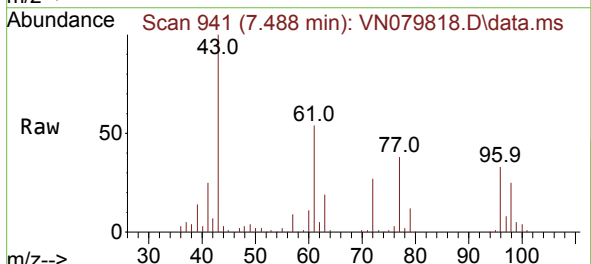
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

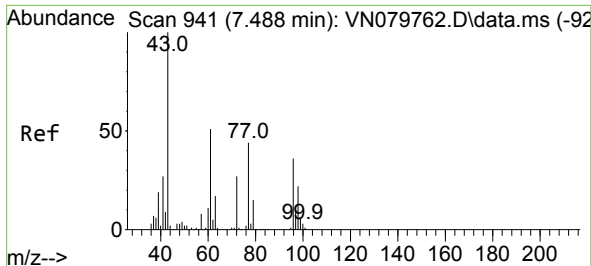
Tgt Ion: 43 Resp: 297341
Ion Ratio Lower Upper
43 100
72 24.2 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 17.660 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

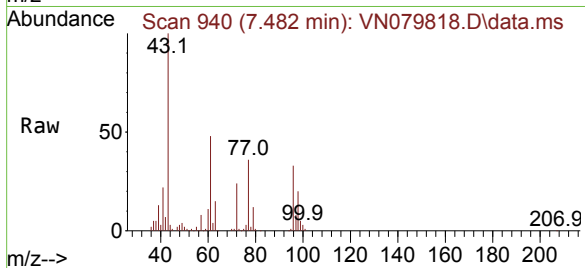
Tgt Ion: 77 Resp: 128318
Ion Ratio Lower Upper
77 100
97 21.4 11.2 33.6



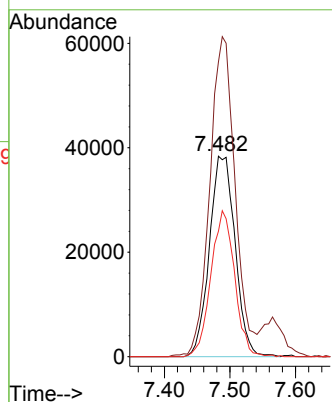
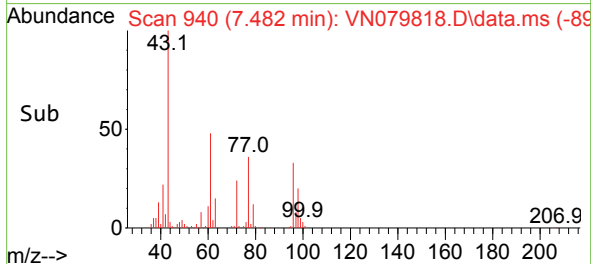


#27
cis-1,2-Dichloroethene
Concen: 19.272 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

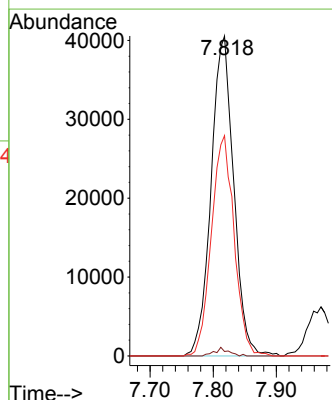
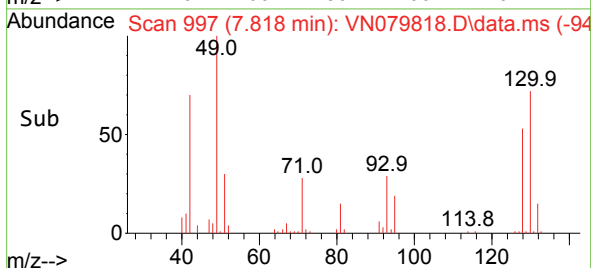
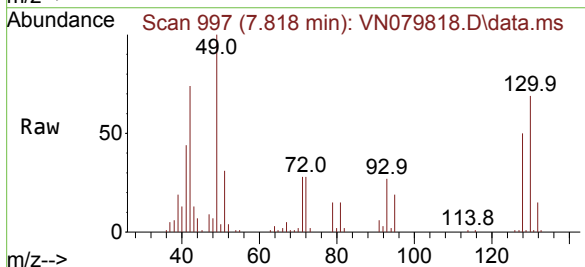


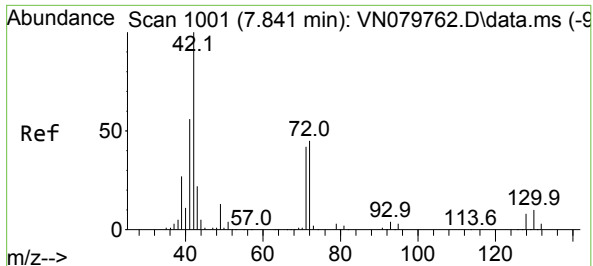
Tgt Ion: 96 Resp: 104707
Ion Ratio Lower Upper
96 100
61 156.8 0.0 255.2
98 67.3 0.0 128.8



#28
Bromochloromethane
Concen: 23.585 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 49 Resp: 100982
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.8
130 69.3 75.3 112.9#





#29

Tetrahydrofuran

Concen: 103.549 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD02

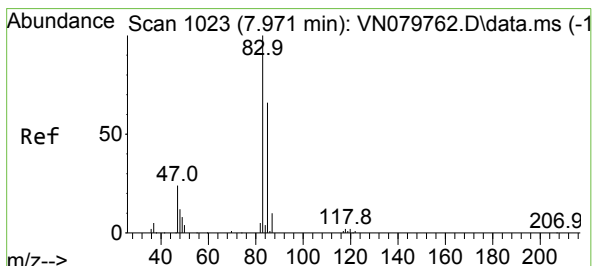
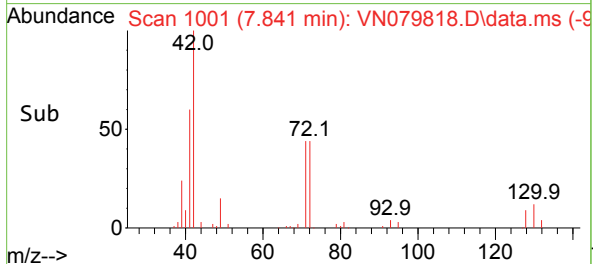
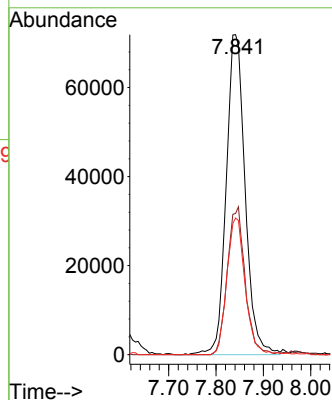
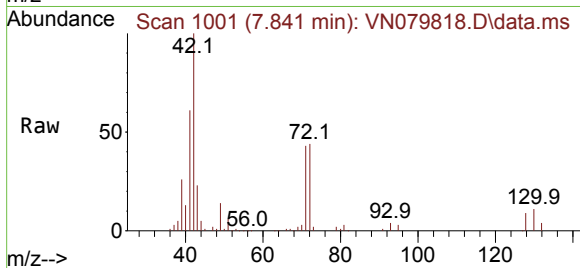
Tgt Ion: 42 Resp: 199753

Ion Ratio Lower Upper

42 100

72 43.4 49.8 74.6#

71 41.3 47.4 71.2#



#30

Chloroform

Concen: 20.243 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079818.D

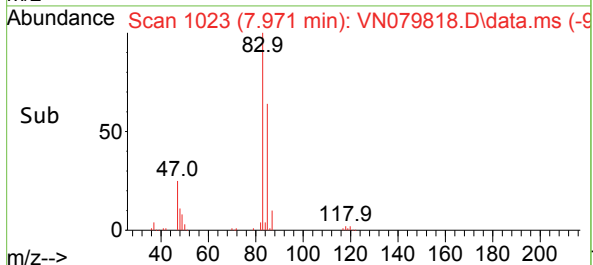
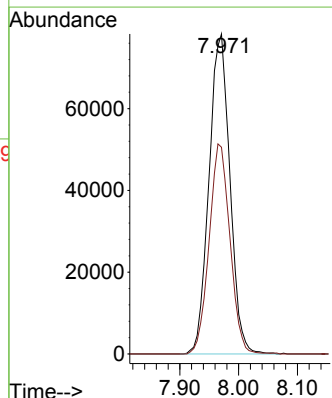
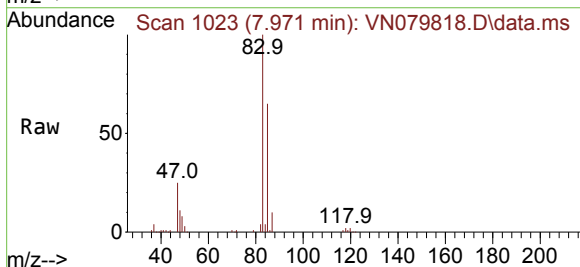
Acq: 03 Nov 2023 02:20

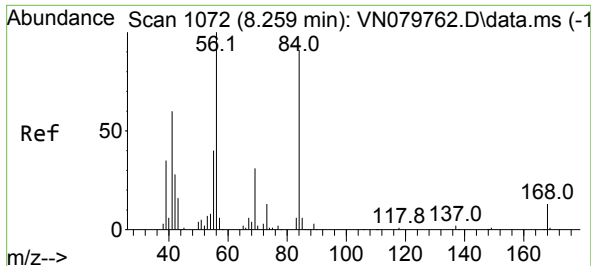
Tgt Ion: 83 Resp: 193191

Ion Ratio Lower Upper

83 100

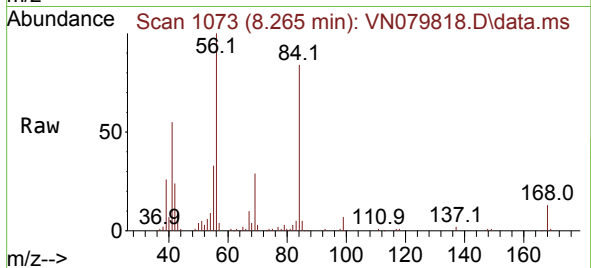
85 64.6 55.4 83.0



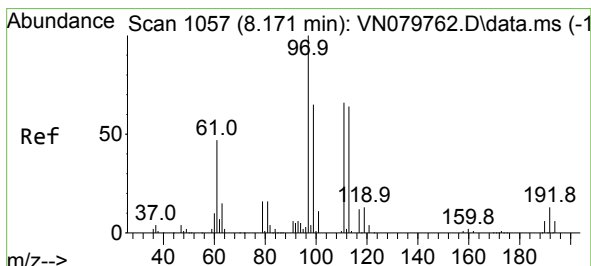
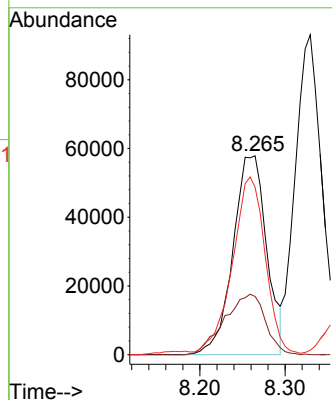
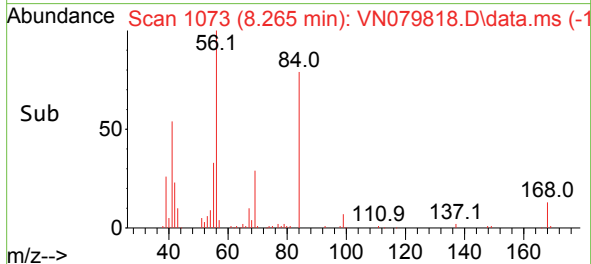


#31
Cyclohexane
Concen: 20.881 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

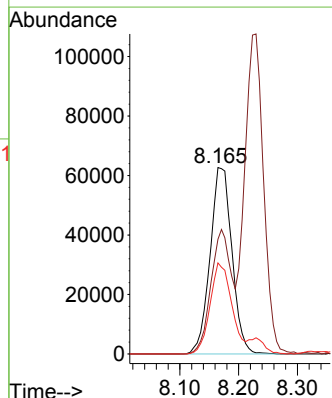
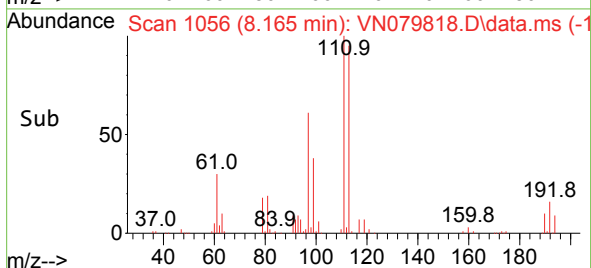
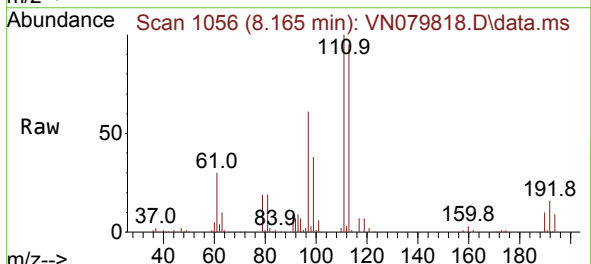


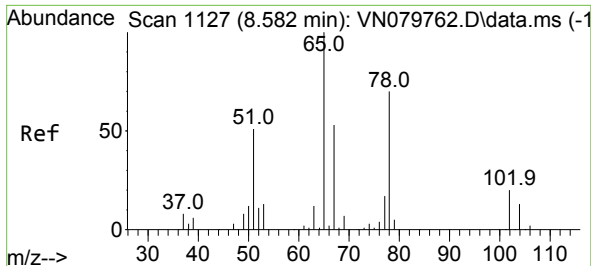
Tgt Ion: 56 Resp: 159053
Ion Ratio Lower Upper
56 100
69 29.3 26.8 40.2
84 82.1 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 20.855 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 97 Resp: 162170
Ion Ratio Lower Upper
97 100
99 62.3 50.3 75.5
61 48.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.606 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

Instrument :

MSVOA_N

ClientSampleId :

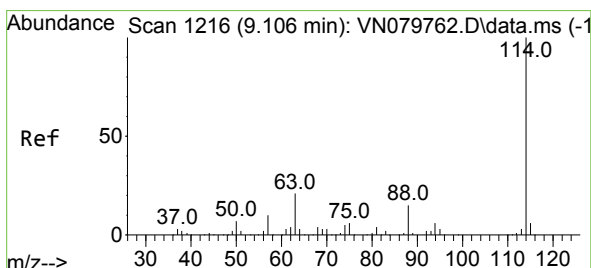
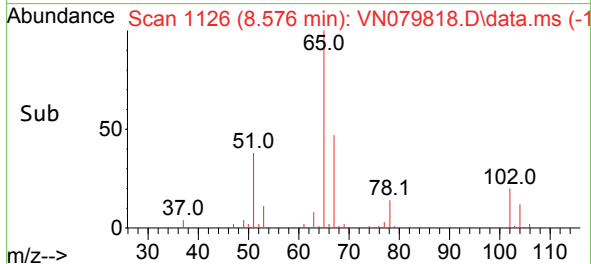
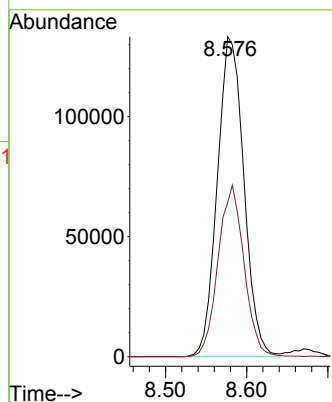
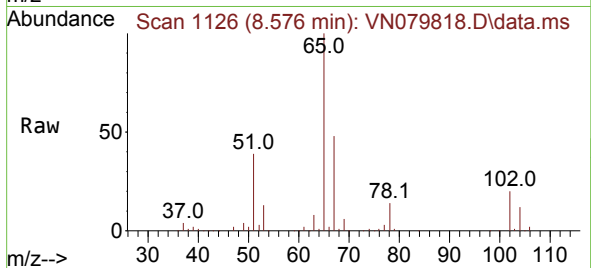
VN1102WBSD02

Tgt Ion: 65 Resp: 303238

Ion Ratio Lower Upper

65 100

67 52.3 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: VN079818.D

Acq: 03 Nov 2023 02:20

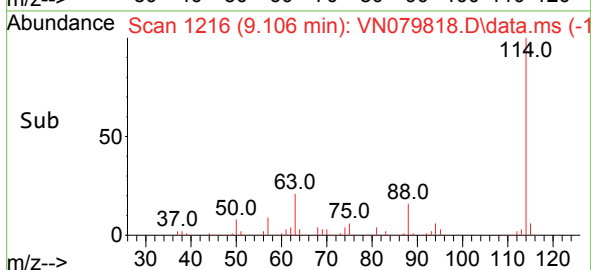
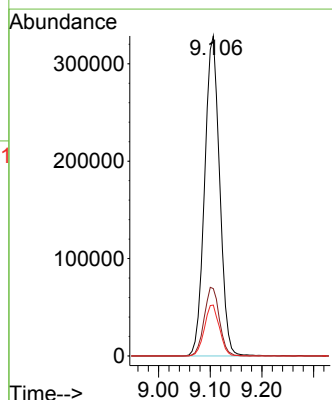
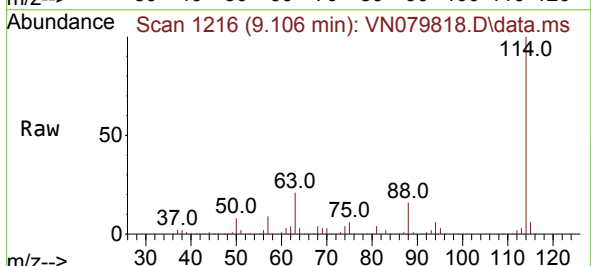
Tgt Ion: 114 Resp: 662928

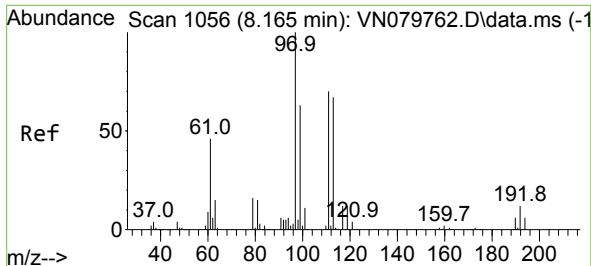
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 15.9 0.0 30.6

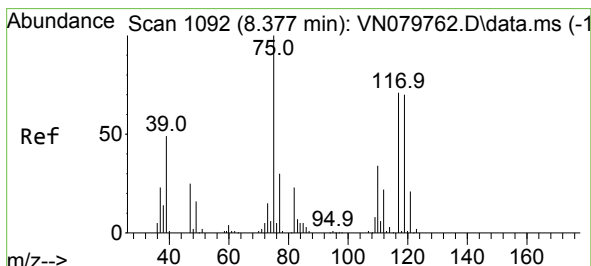
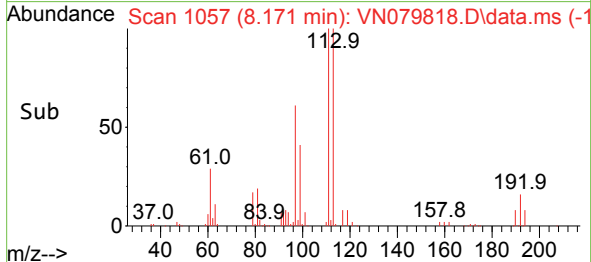
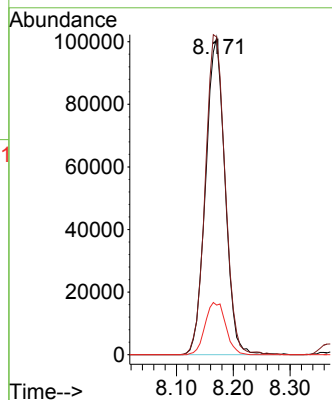
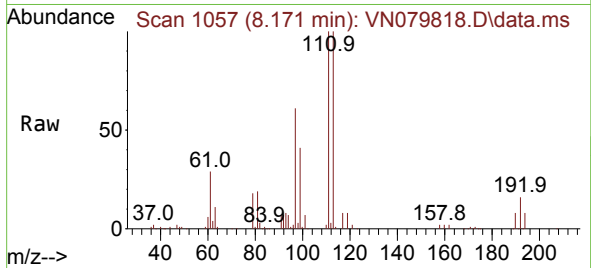




#35
Dibromofluoromethane
Concen: 51.100 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

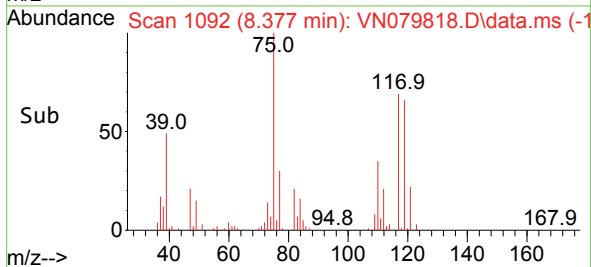
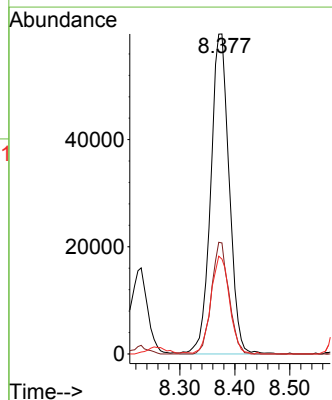
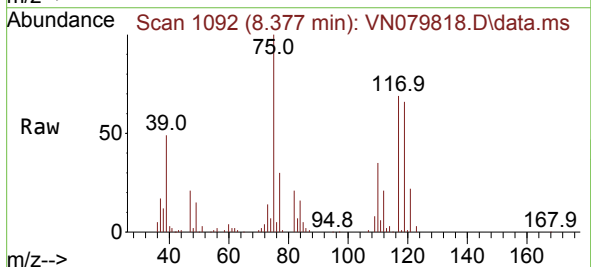
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

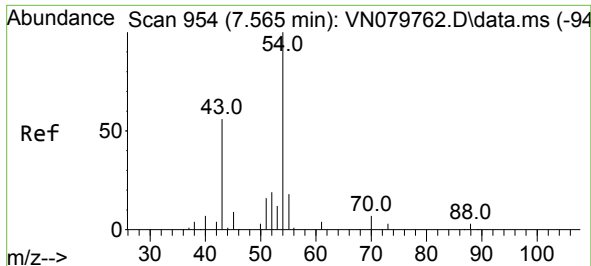
Tgt Ion:113 Resp: 239757
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 17.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 20.790 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 75 Resp: 139277
Ion Ratio Lower Upper
75 100
110 32.9 19.1 57.3
77 30.8 25.0 37.4

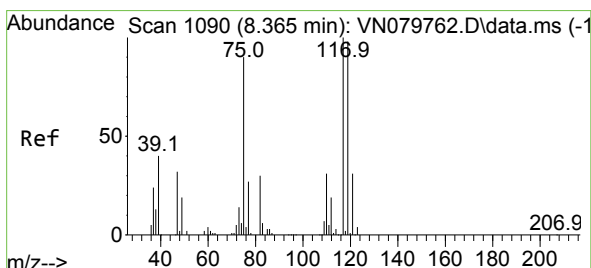
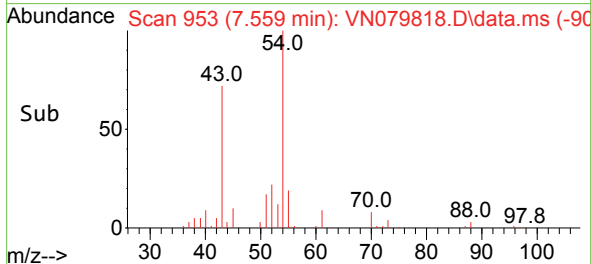
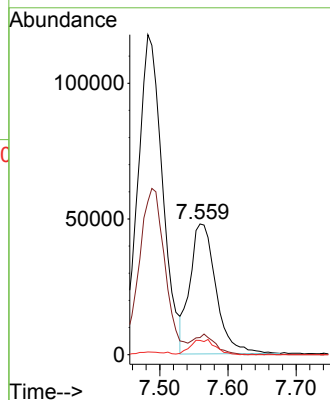
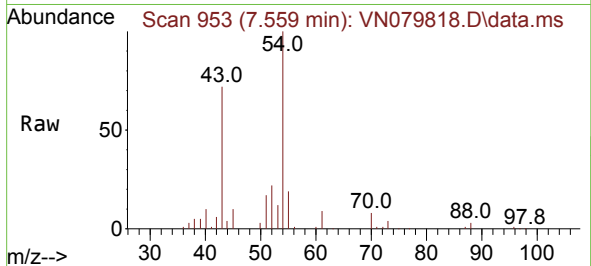




#37
Ethyl Acetate
Concen: 20.641 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

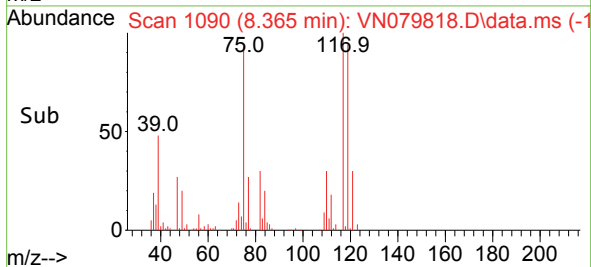
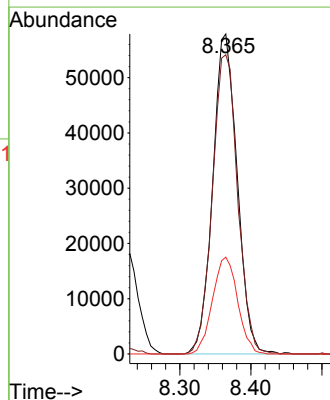
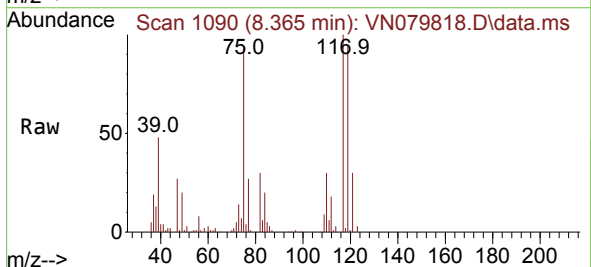
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

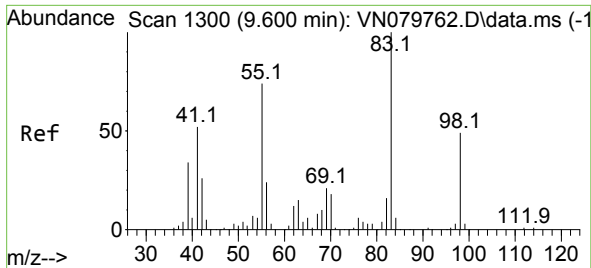
Tgt Ion: 43 Resp: 126818
Ion Ratio Lower Upper
43 100
61 13.1 13.2 19.8#
70 11.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 20.472 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 117 Resp: 138222
Ion Ratio Lower Upper
117 100
119 93.5 77.3 115.9
121 30.3 23.3 34.9

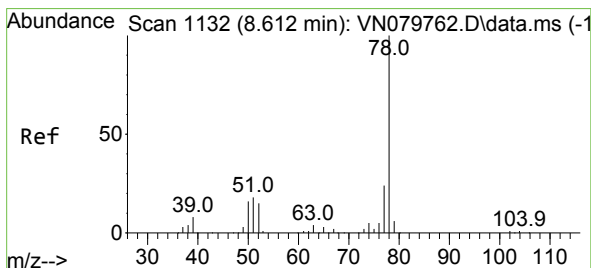
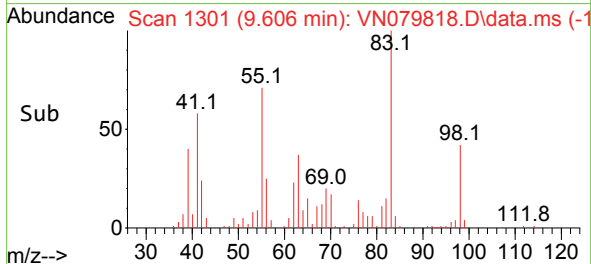
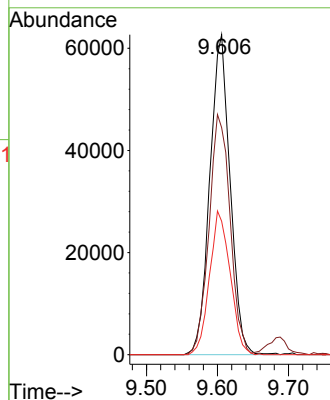
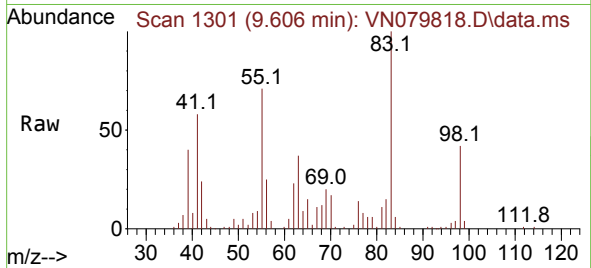




#39
Methylcyclohexane
Concen: 19.672 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

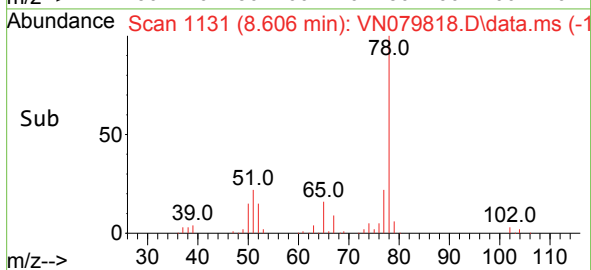
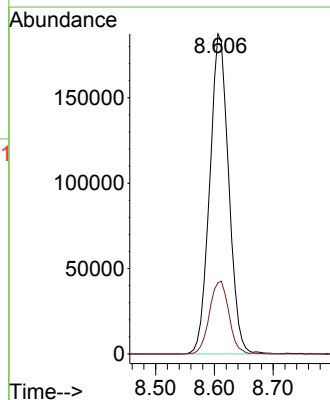
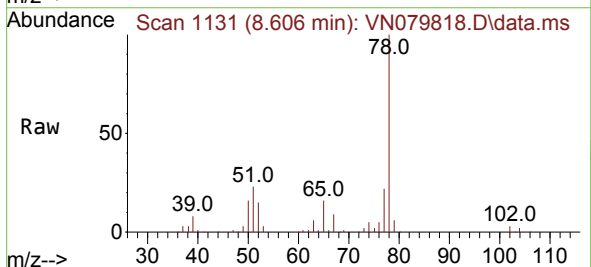
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

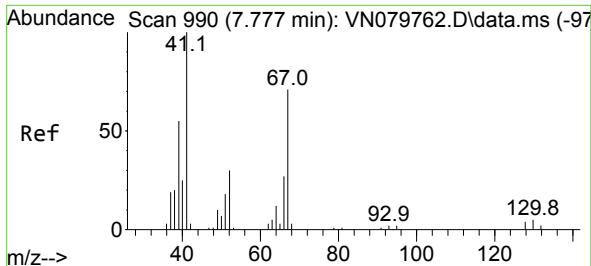
Tgt Ion: 83 Resp: 124028
Ion Ratio Lower Upper
83 100
55 71.0 49.1 73.7
98 41.7 40.6 61.0



#40
Benzene
Concen: 20.940 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 78 Resp: 420167
Ion Ratio Lower Upper
78 100
77 22.3 19.0 28.6

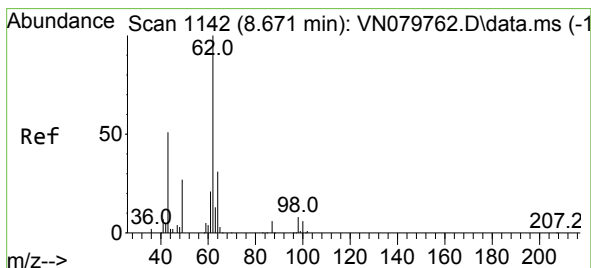
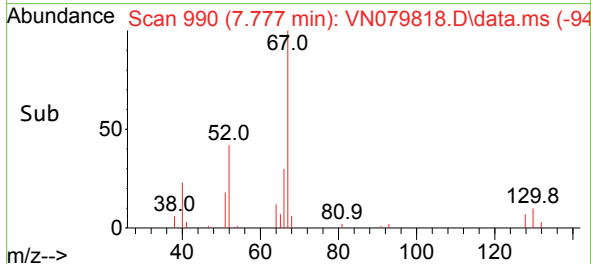
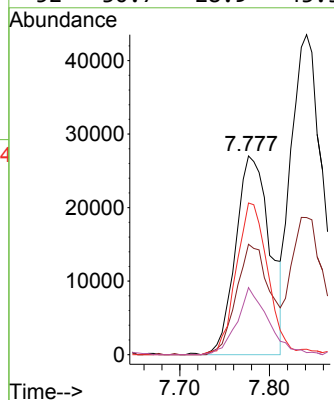
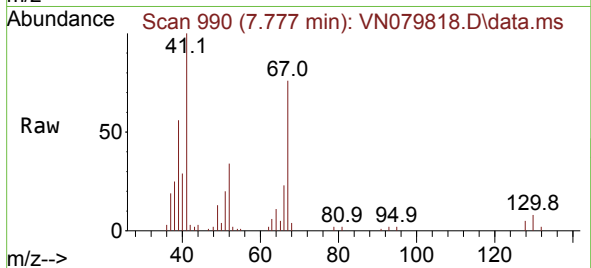




#41
Methacrylonitrile
Concen: 22.004 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

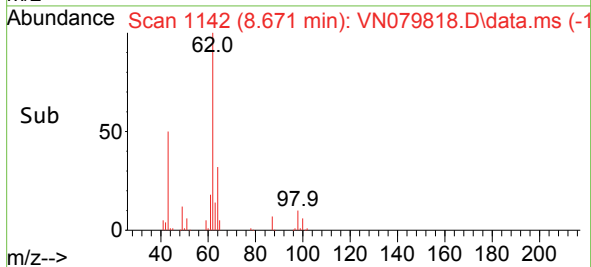
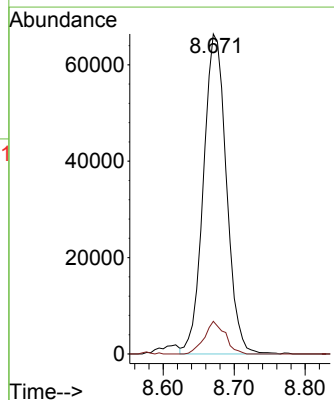
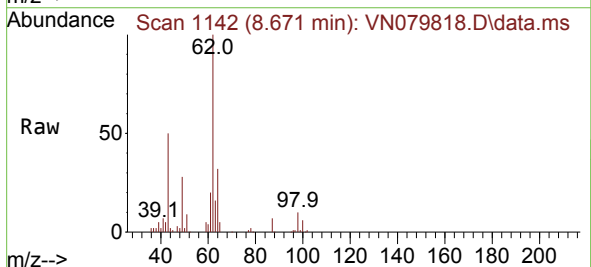
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

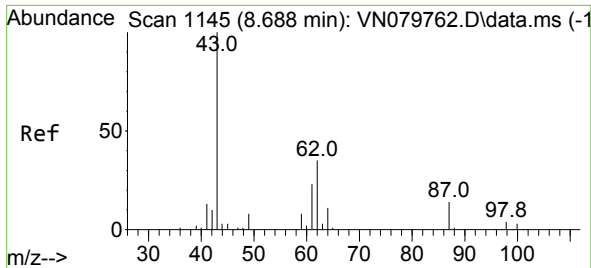
Tgt Ion:	41	Resp:	71790
Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.6	64.0
67	71.7	77.5	116.3
52	30.7	28.9	43.3



#42
1,2-Dichloroethane
Concen: 21.315 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion:	62	Resp:	149397
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.8

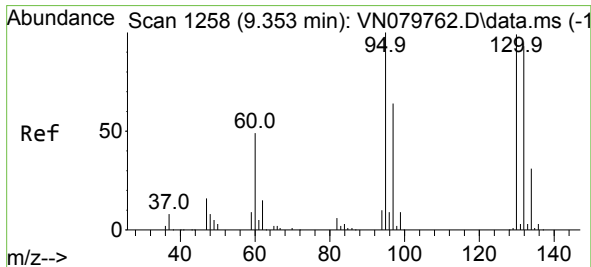
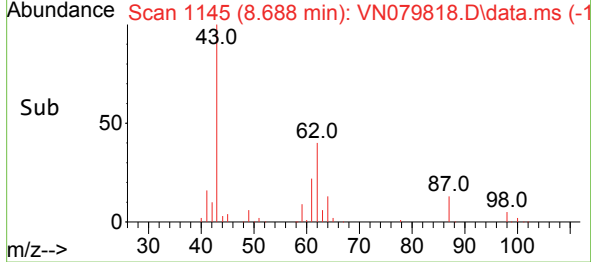
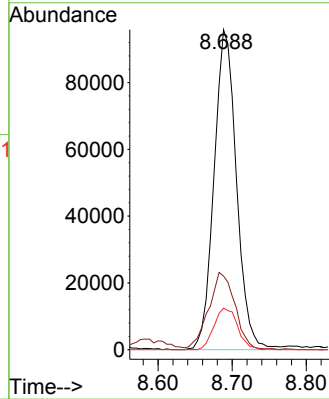
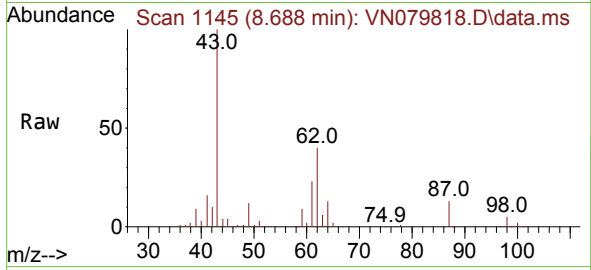




#43
Isopropyl Acetate
Concen: 18.737 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

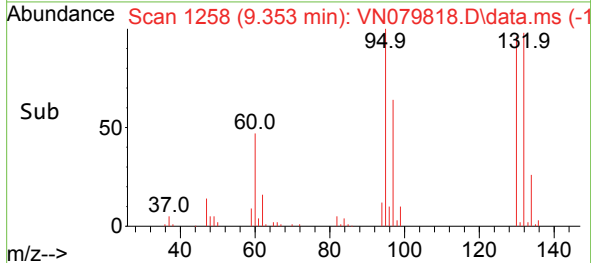
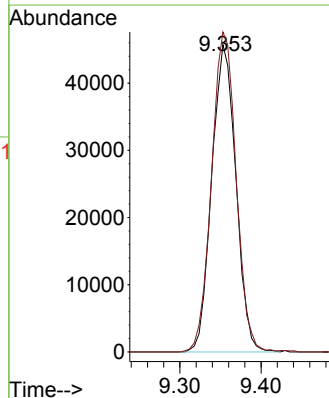
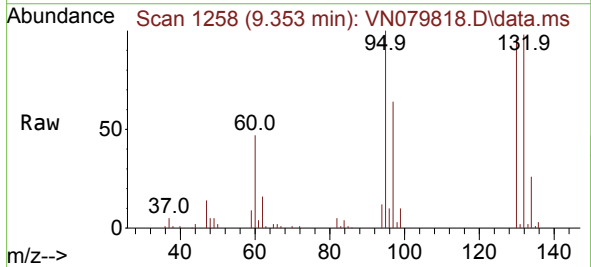
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

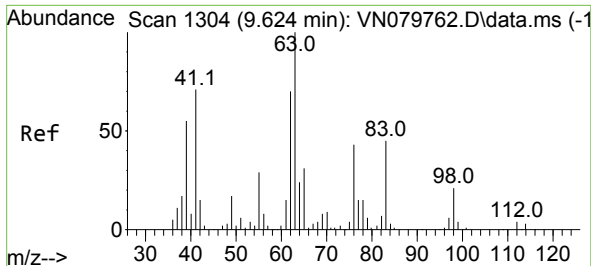
Tgt Ion: 43 Resp: 201891
Ion Ratio Lower Upper
43 100
61 28.5 24.7 37.1
87 13.6 14.6 21.8#



#44
Trichloroethene
Concen: 18.946 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion:130 Resp: 94335
Ion Ratio Lower Upper
130 100
95 104.1 0.0 204.6

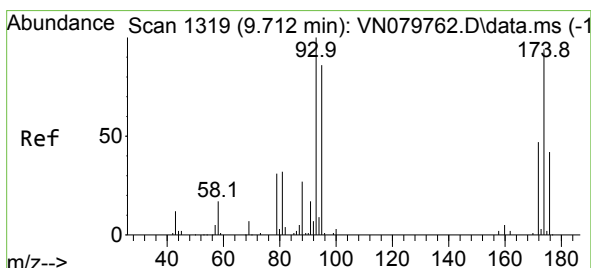
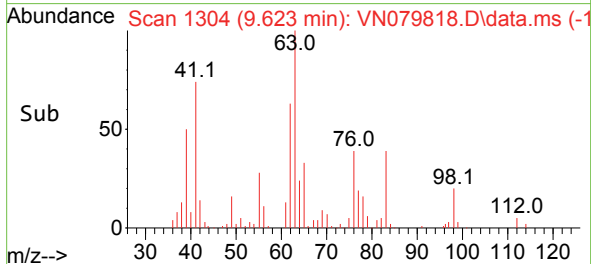
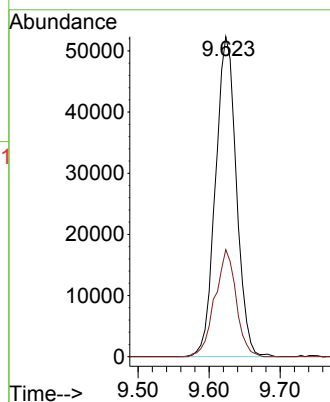
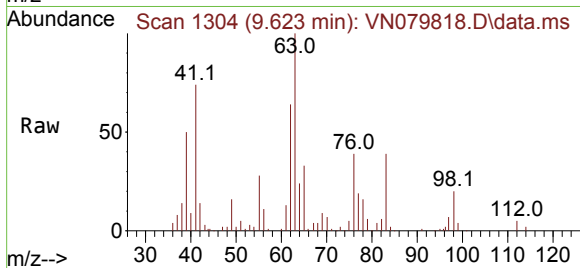




#45
1,2-Dichloropropane
Concen: 20.792 ug/l
RT: 9.623 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

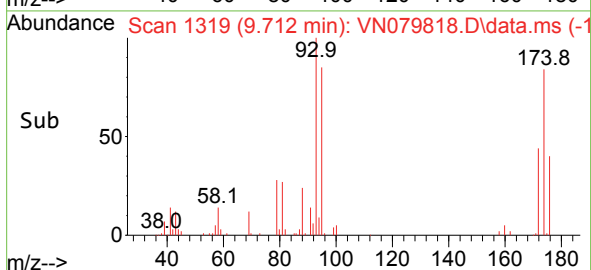
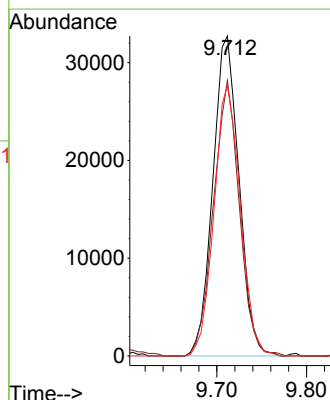
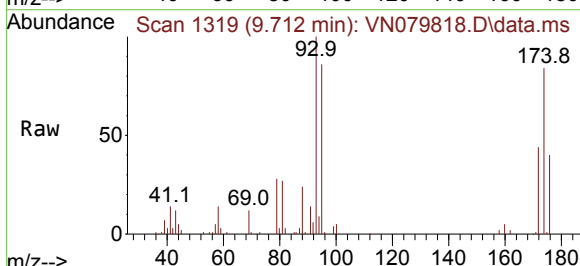
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

Tgt Ion: 63 Resp: 106620
Ion Ratio Lower Upper
63 100
65 33.4 23.9 35.9



#46
Dibromomethane
Concen: 18.932 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 93 Resp: 66288
Ion Ratio Lower Upper
93 100
95 84.8 63.8 95.8
174 85.0 65.6 98.4

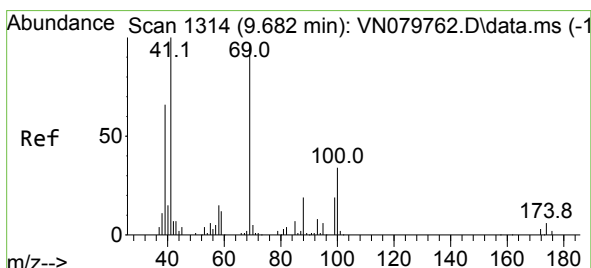
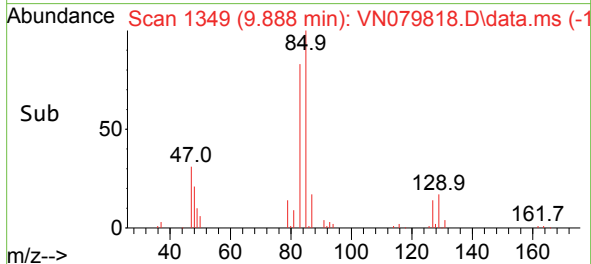
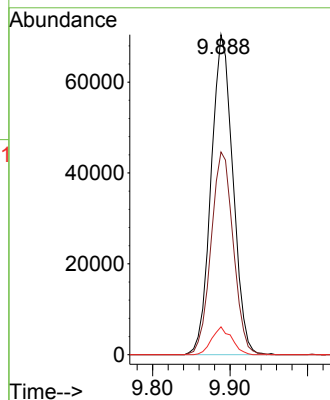
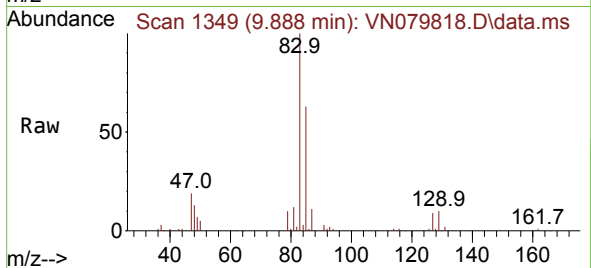




#47
Bromodichloromethane
Concen: 18.427 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

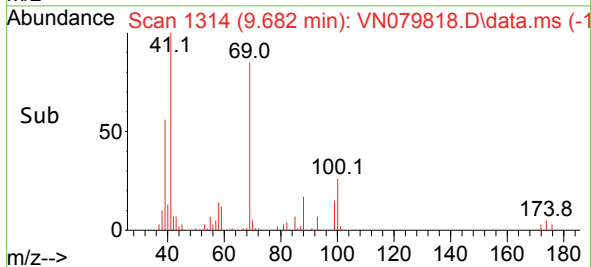
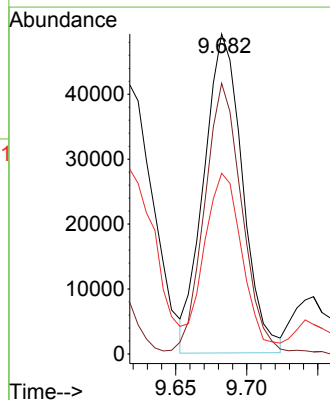
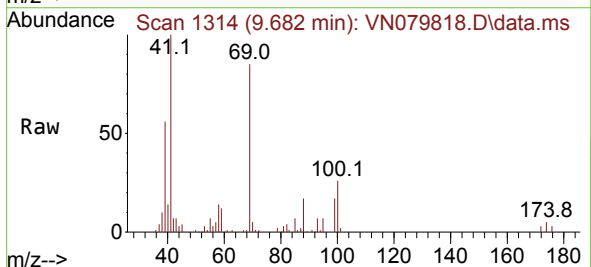
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

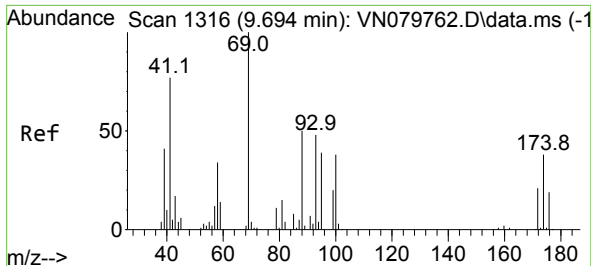
Tgt Ion: 83 Resp: 137596
Ion Ratio Lower Upper
83 100
85 63.3 49.6 74.4
127 8.7 7.0 10.6



#48
Methyl methacrylate
Concen: 19.726 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 41 Resp: 93097
Ion Ratio Lower Upper
41 100
69 83.1 90.4 135.6#
39 56.7 54.6 81.8





#49

1,4-Dioxane

Concen: 357.020 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD02

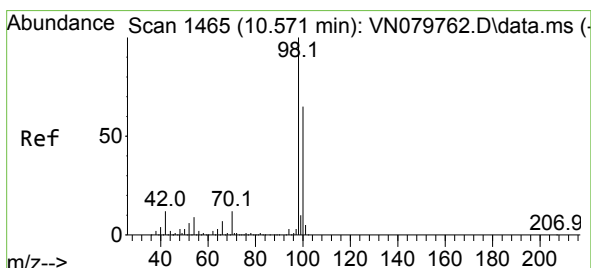
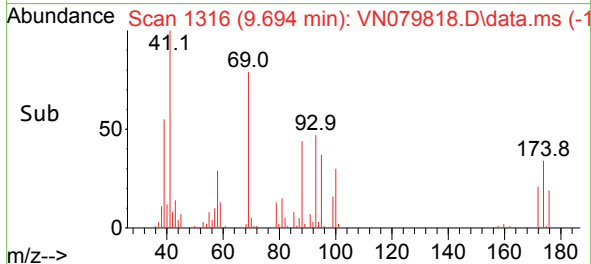
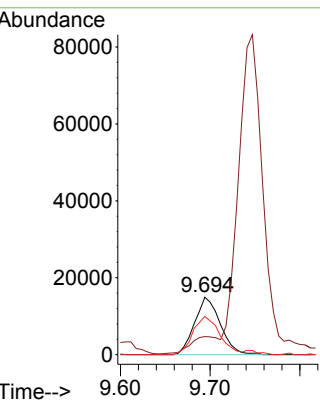
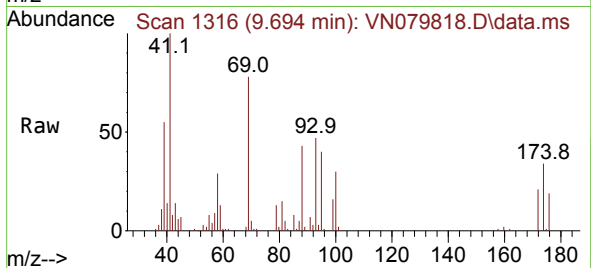
Tgt Ion: 88 Resp: 29773

Ion Ratio Lower Upper

88 100

43 30.0 17.0 25.6#

58 69.2 47.0 70.4



#50

Toluene-d8

Concen: 46.830 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079818.D

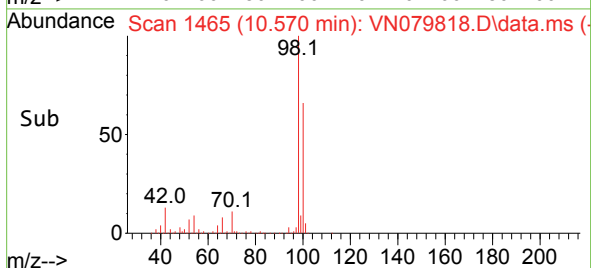
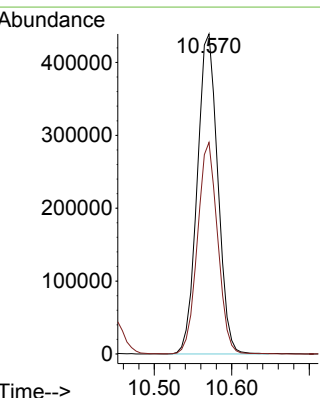
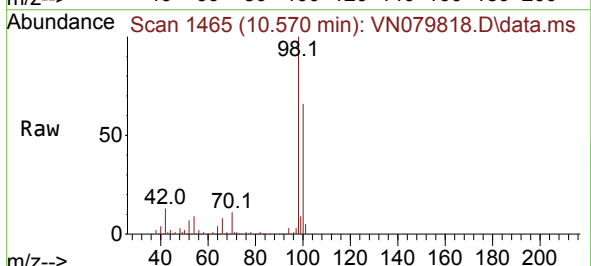
Acq: 03 Nov 2023 02:20

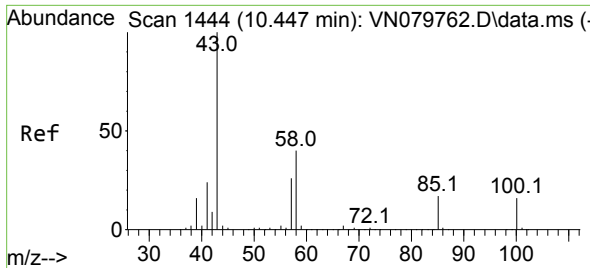
Tgt Ion: 98 Resp: 808873

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

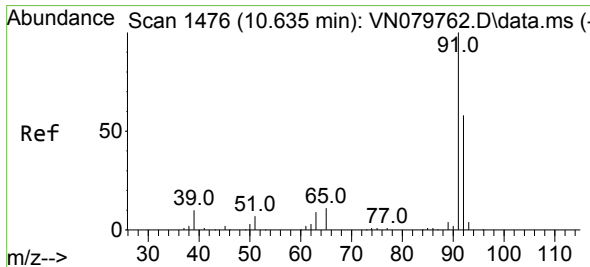
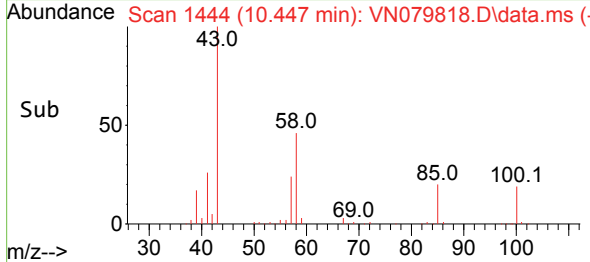
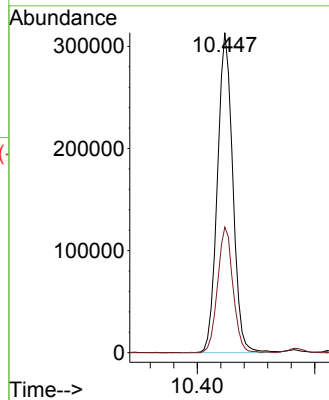
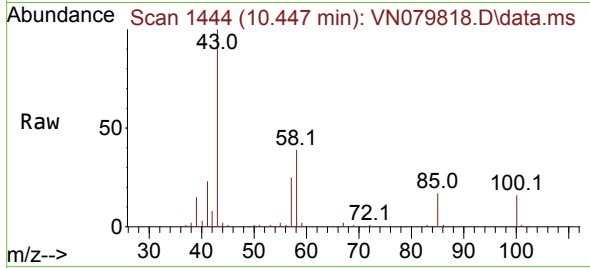




#51
4-Methyl-2-Pentanone
Concen: 93.805 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

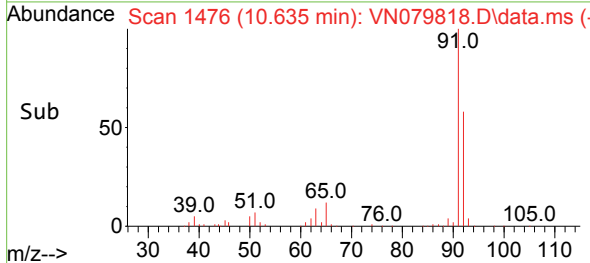
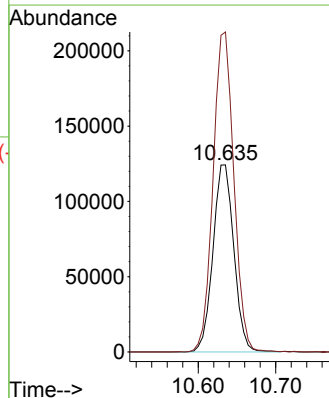
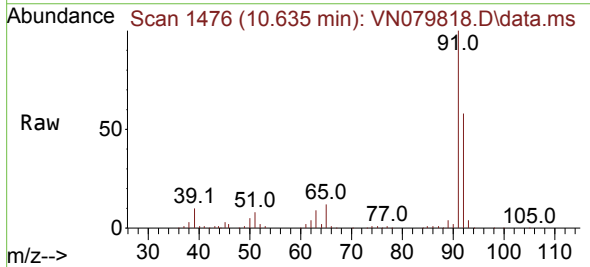
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

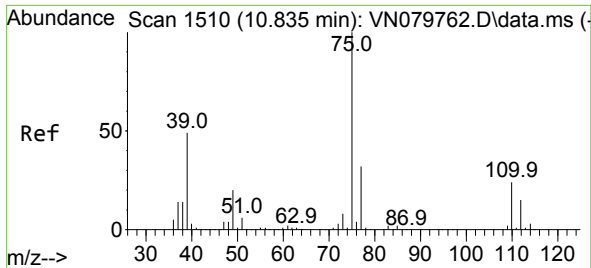
Tgt Ion: 43 Resp: 569035
Ion Ratio Lower Upper
43 100
58 39.2 36.6 54.8



#52
Toluene
Concen: 19.551 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 92 Resp: 232575
Ion Ratio Lower Upper
92 100
91 170.2 137.4 206.0

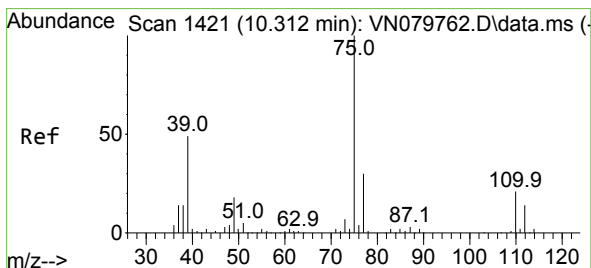
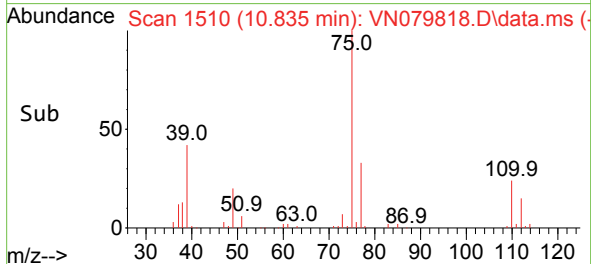
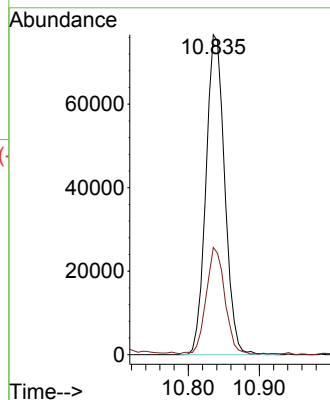
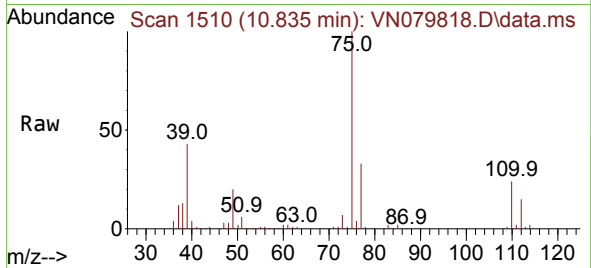




#53
 t-1,3-Dichloropropene
 Concen: 19.212 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN079818.D
 Acq: 03 Nov 2023 02:20

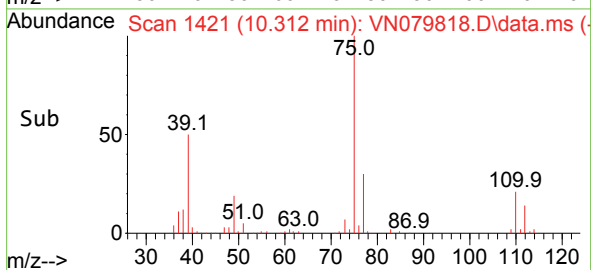
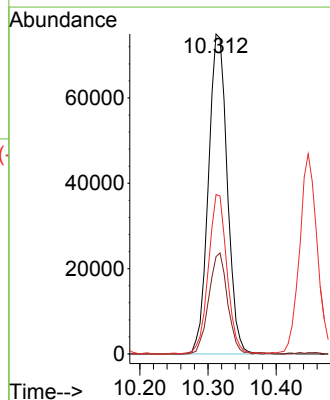
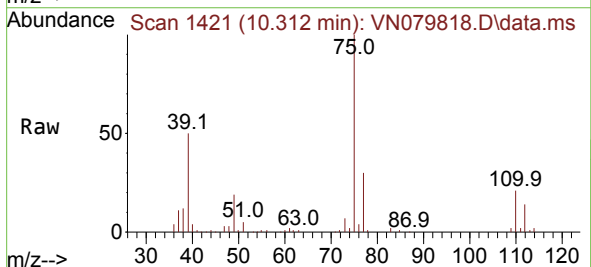
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD02

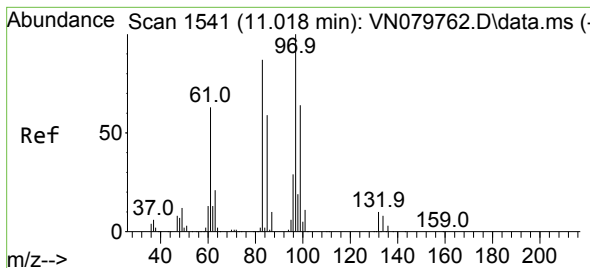
Tgt Ion: 75 Resp: 140641
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.103 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN079818.D
 Acq: 03 Nov 2023 02:20

Tgt Ion: 75 Resp: 144440
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.1 39.1
 39 49.8 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 19.526 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD02

Tgt Ion: 97 Resp: 93422

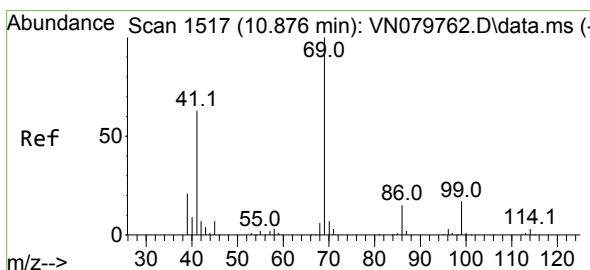
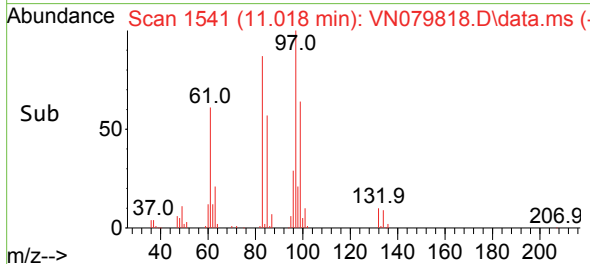
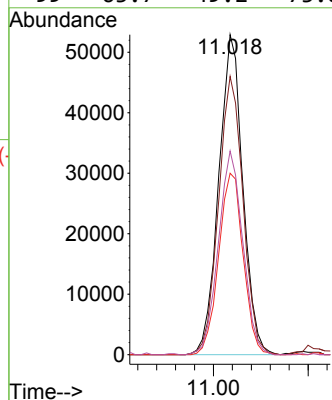
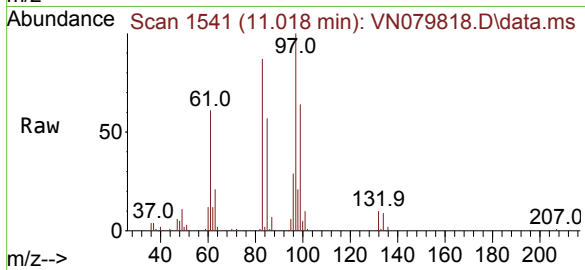
Ion Ratio Lower Upper

97 100

83 87.0 65.1 97.7

85 56.7 43.4 65.2

99 63.7 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.313 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

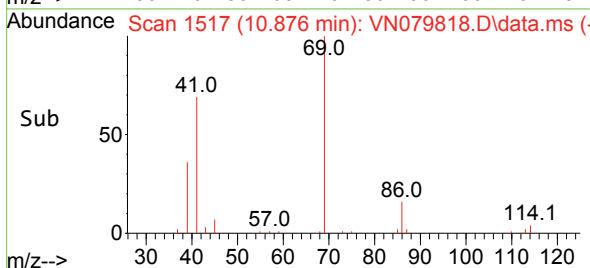
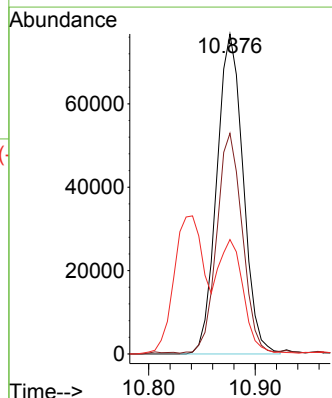
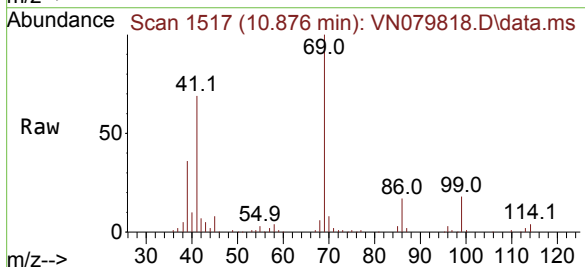
Tgt Ion: 69 Resp: 131804

Ion Ratio Lower Upper

69 100

41 66.5 39.6 59.4#

39 33.8 28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.634 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

Instrument :

MSVOA_N

ClientSampleId :

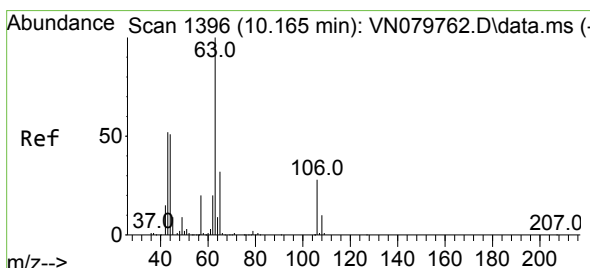
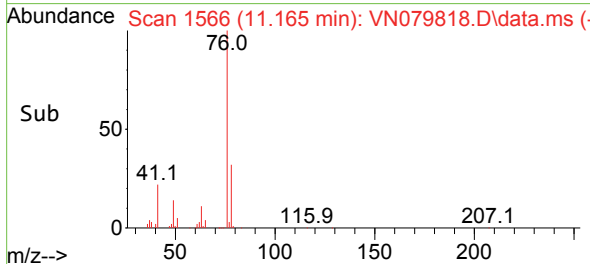
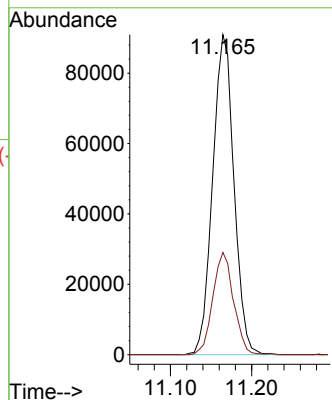
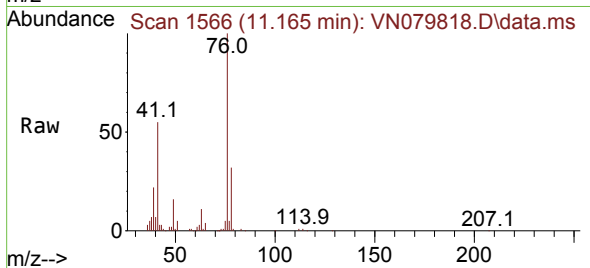
VN1102WBSD02

Tgt Ion: 76 Resp: 165590

Ion Ratio Lower Upper

76 100

78 31.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 88.837 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079818.D

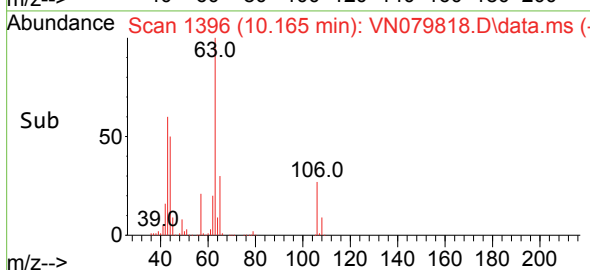
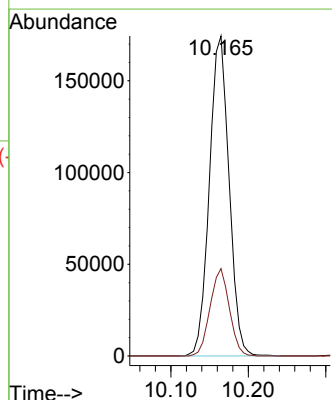
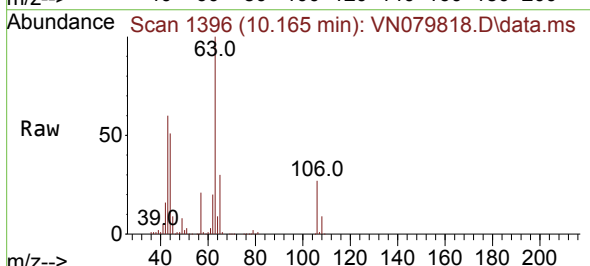
Acq: 03 Nov 2023 02:20

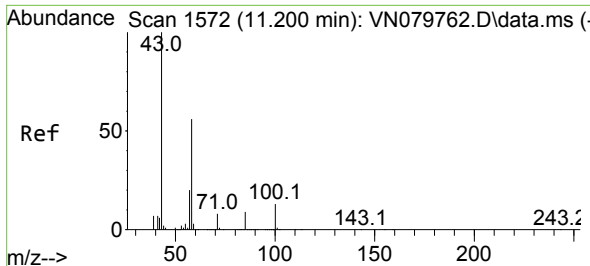
Tgt Ion: 63 Resp: 307291

Ion Ratio Lower Upper

63 100

106 26.7 26.2 39.4

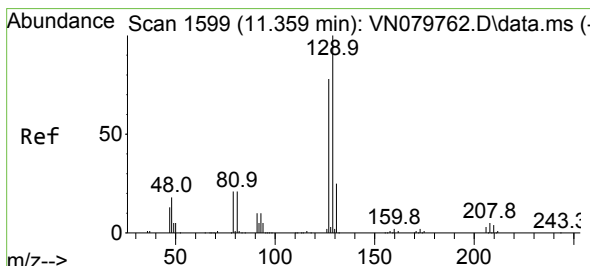
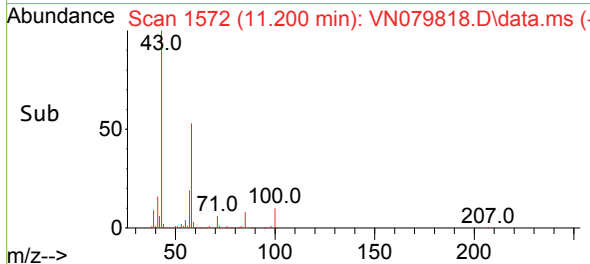
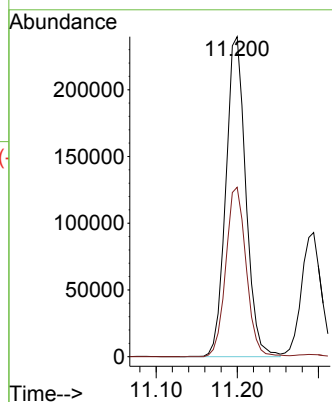
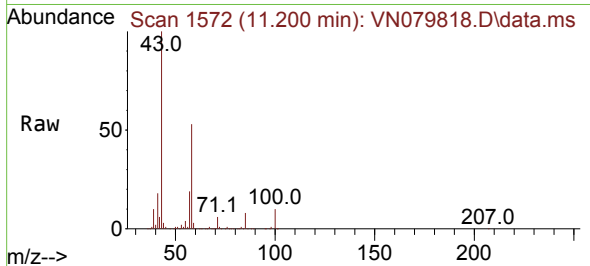




#59
2-Hexanone
Concen: 88.237 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

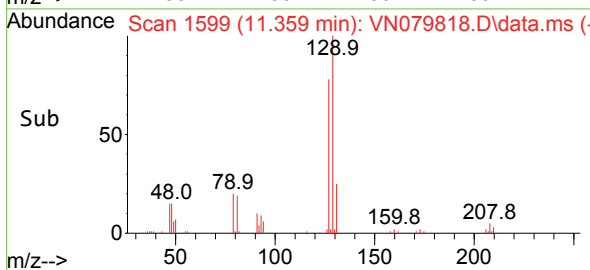
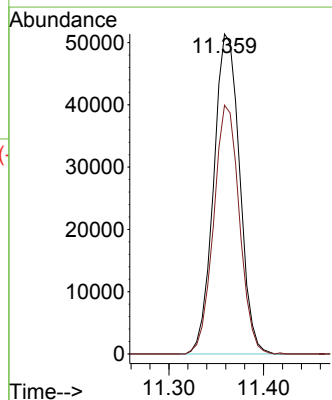
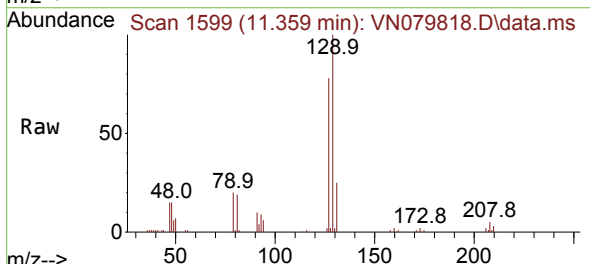
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

Tgt Ion: 43 Resp: 409469
Ion Ratio Lower Upper
43 100
58 54.0 31.7 95.1



#60
Dibromochloromethane
Concen: 19.126 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 129 Resp: 97955
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0

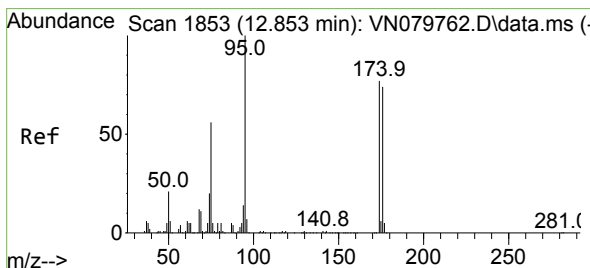
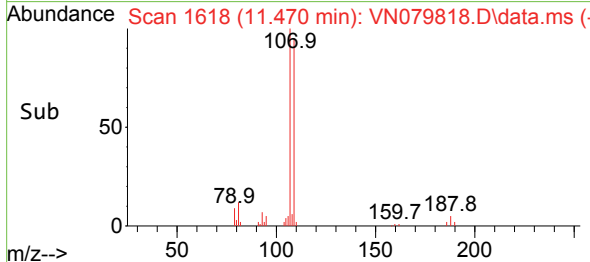
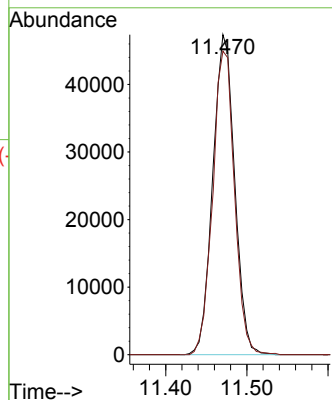
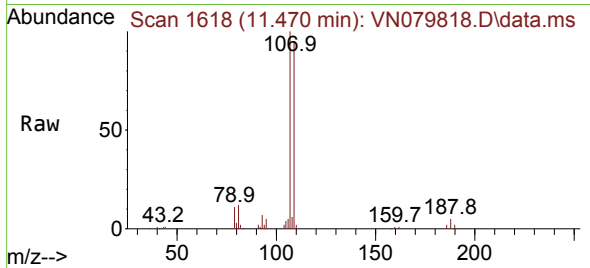




#61
1,2-Dibromoethane
Concen: 18.472 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

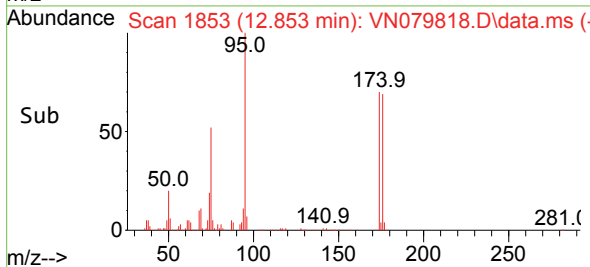
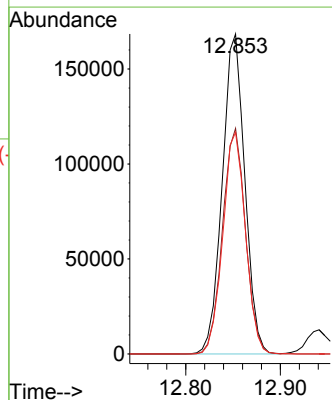
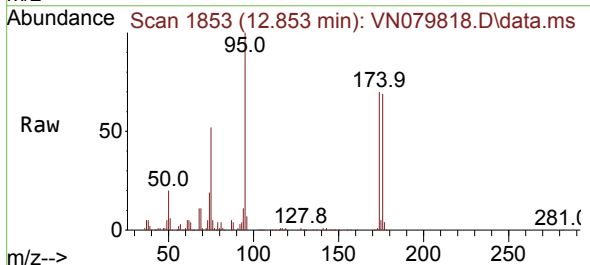
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

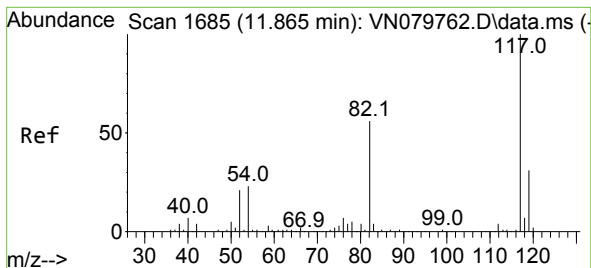
Tgt Ion:107 Resp: 88708
Ion Ratio Lower Upper
107 100
109 94.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.715 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 95 Resp: 279062
Ion Ratio Lower Upper
95 100
174 71.7 0.0 143.8
176 69.5 0.0 135.8

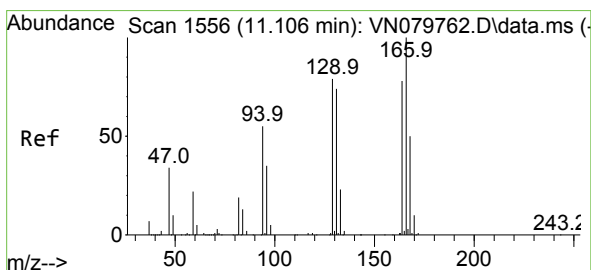
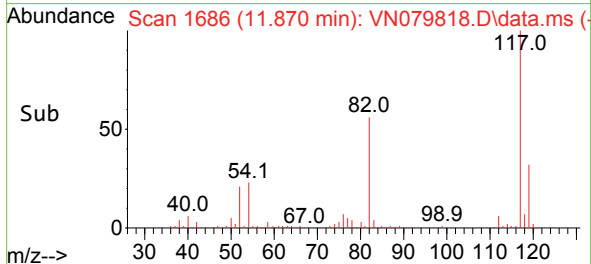
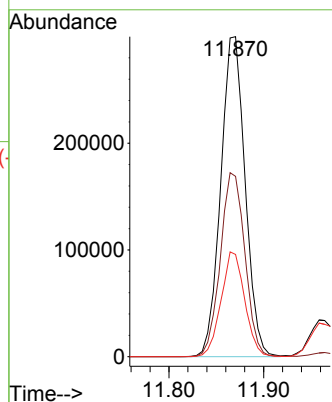
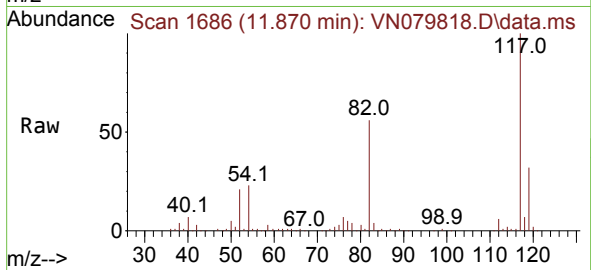




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

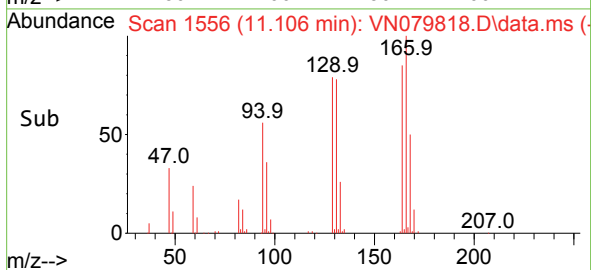
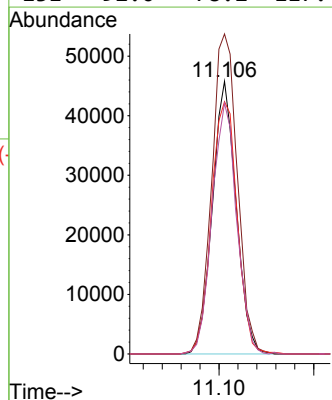
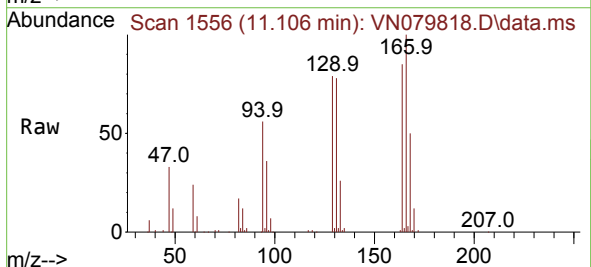
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

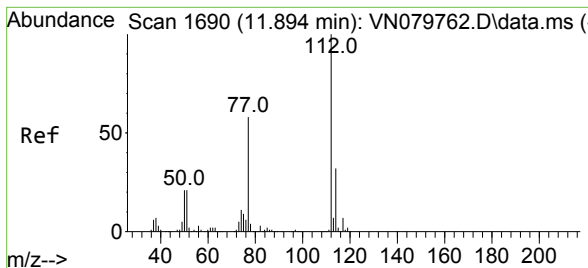
Tgt Ion:117 Resp: 537599
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 22.890 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion:164 Resp: 79699
Ion Ratio Lower Upper
164 100
166 117.4 101.4 152.0
129 92.6 82.4 123.6
131 92.0 78.2 117.4

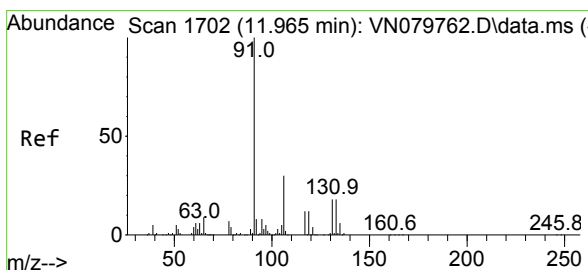
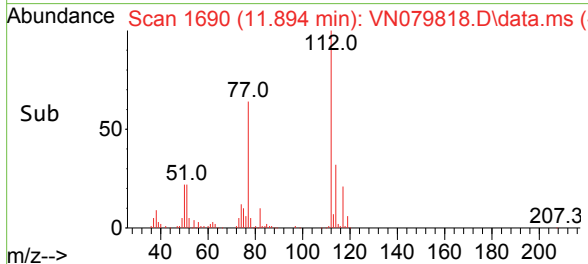
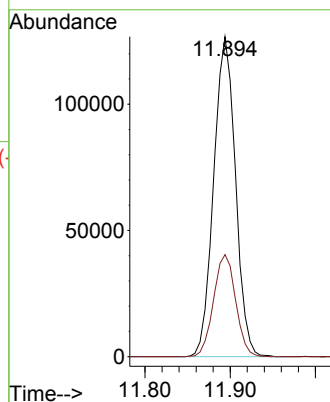
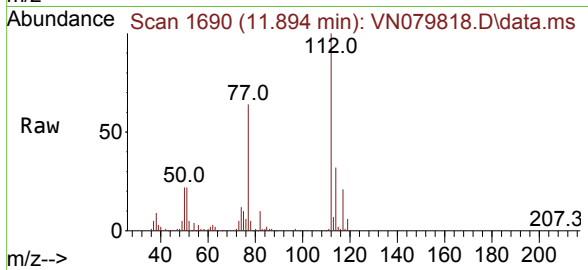




#65
Chlorobenzene
Concen: 19.282 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

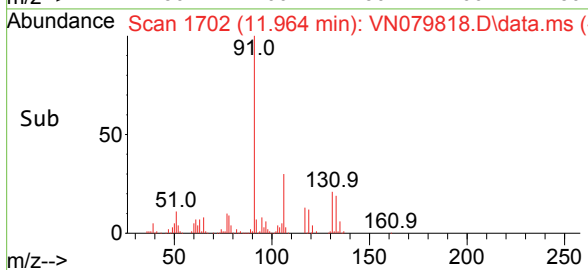
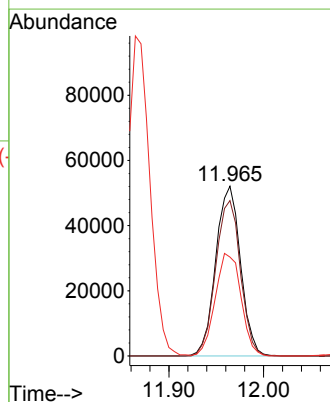
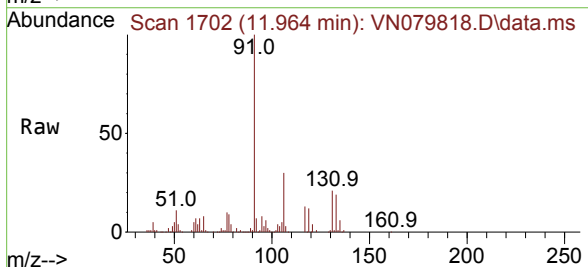
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

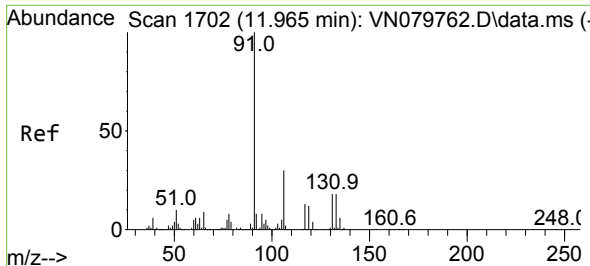
Tgt Ion:112 Resp: 224857
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.567 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion:131 Resp: 94815
Ion Ratio Lower Upper
131 100
133 91.5 46.4 139.1
119 62.9 34.1 102.2

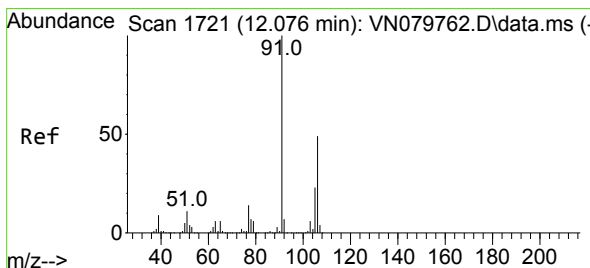
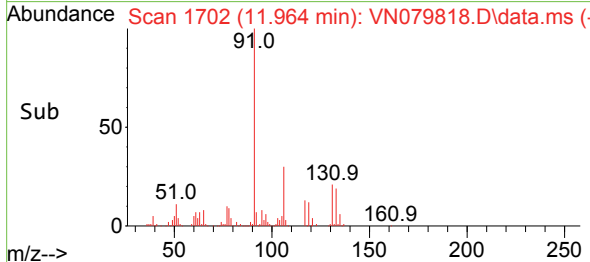
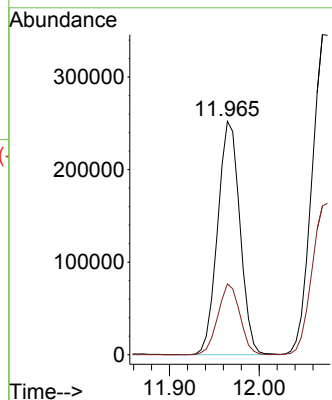
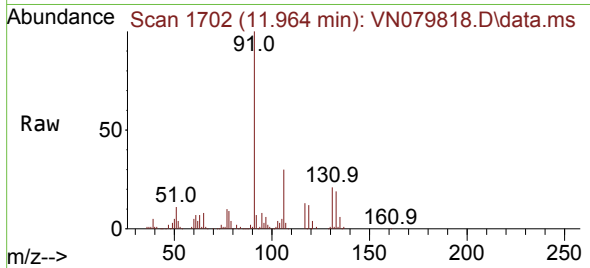




#67
Ethyl Benzene
Concen: 21.416 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

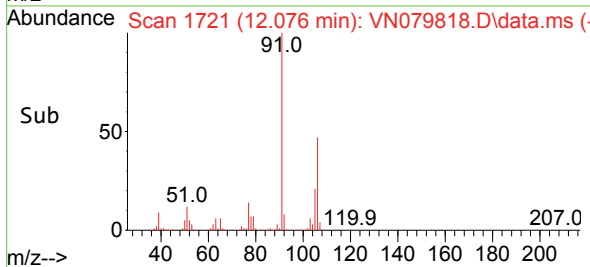
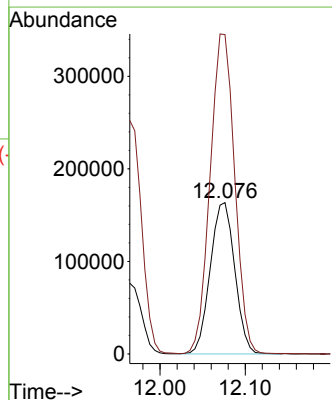
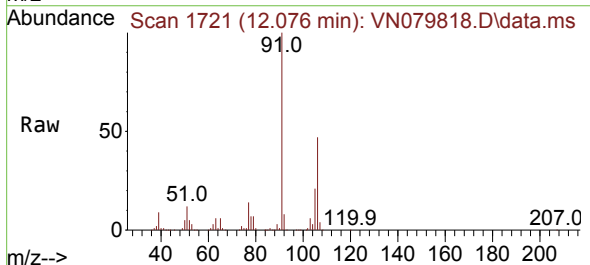
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

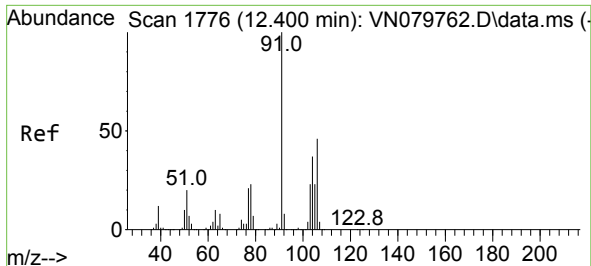
Tgt Ion: 91 Resp: 435125
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4



#68
m/p-Xylenes
Concen: 43.269 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion:106 Resp: 327485
Ion Ratio Lower Upper
106 100
91 212.2 159.6 239.4





#69

o-Xylene

Concen: 21.975 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

Instrument :

MSVOA_N

ClientSampleId :

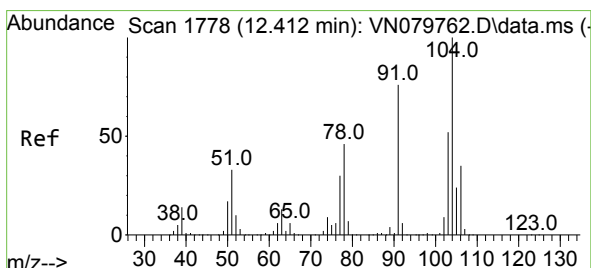
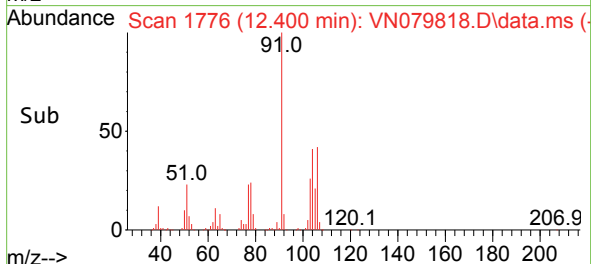
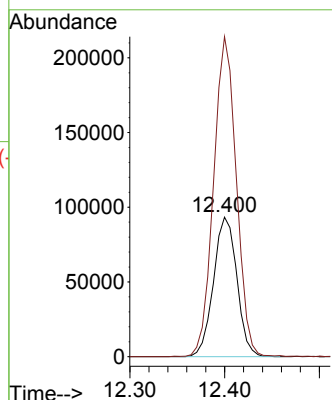
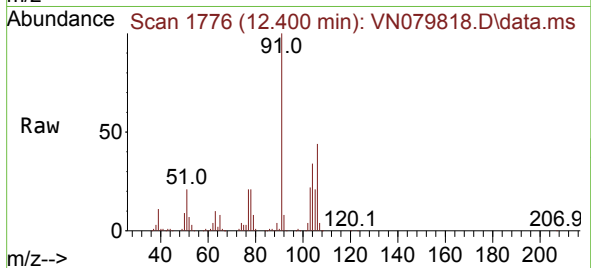
VN1102WBSD02

Tgt Ion:106 Resp: 160158

Ion Ratio Lower Upper

106 100

91 223.9 105.2 315.5



#70

Styrene

Concen: 22.937 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

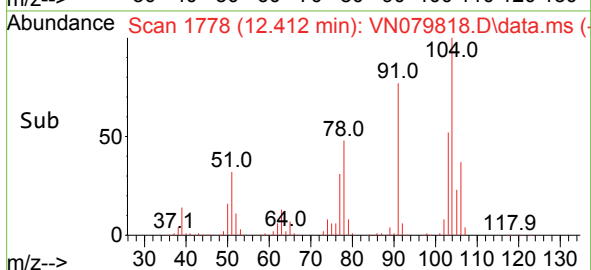
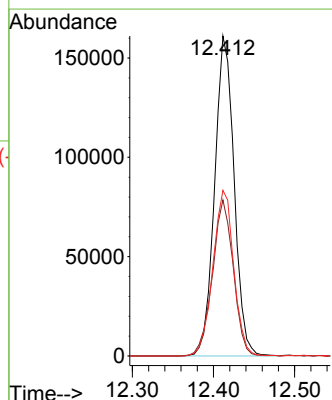
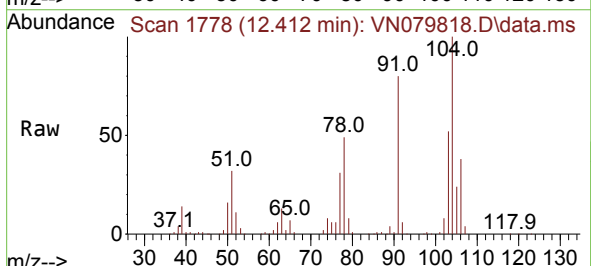
Tgt Ion:104 Resp: 268653

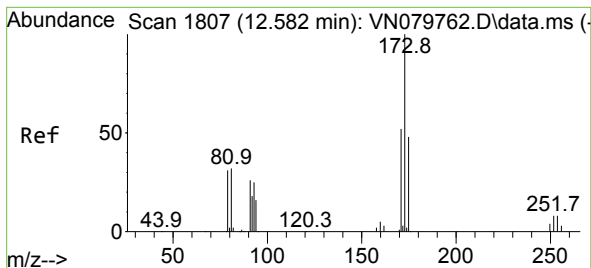
Ion Ratio Lower Upper

104 100

78 52.2 39.5 59.3

103 55.5 43.2 64.8





#71

Bromoform

Concen: 21.532 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD02

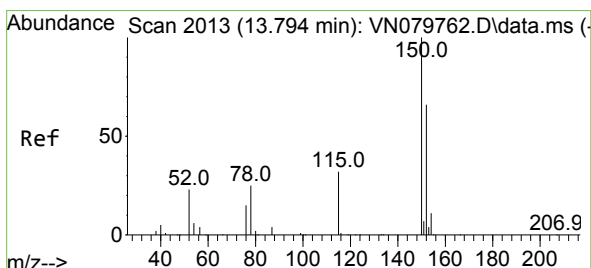
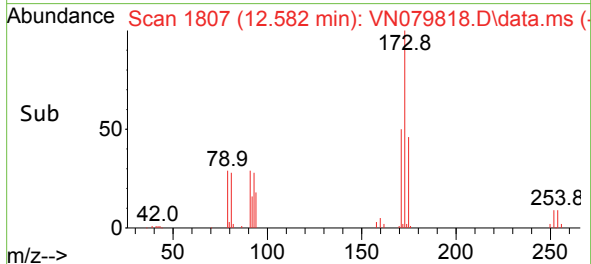
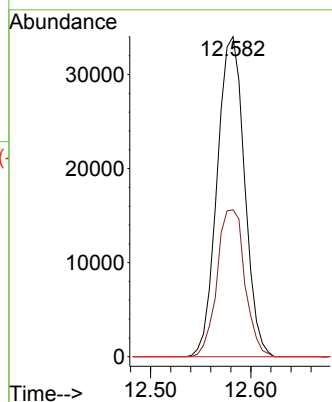
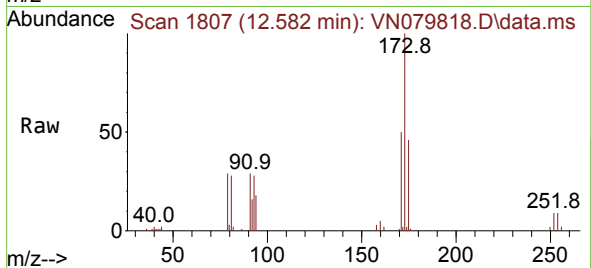
Tgt Ion:173 Resp: 64239

Ion Ratio Lower Upper

173 100

175 46.6 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

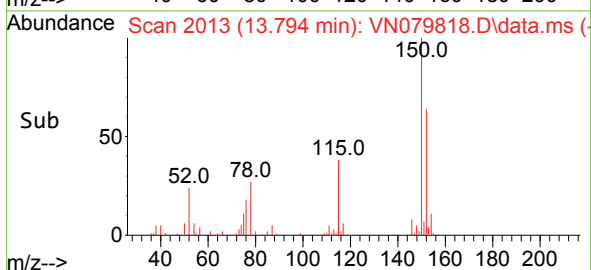
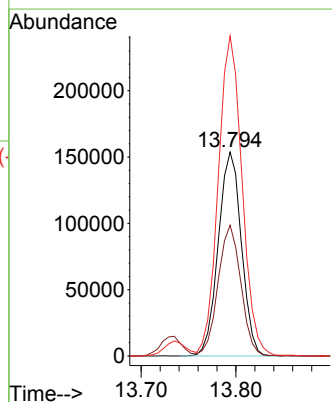
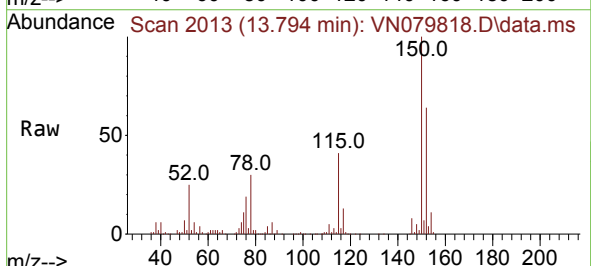
Tgt Ion:152 Resp: 260540

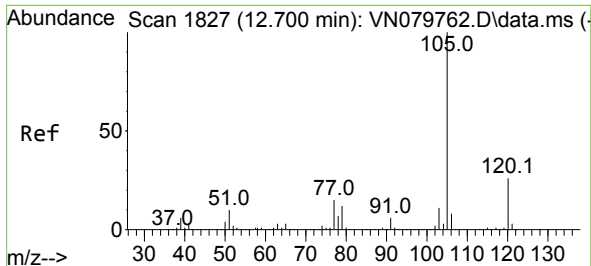
Ion Ratio Lower Upper

152 100

115 63.1 32.3 96.8

150 162.0 0.0 355.8

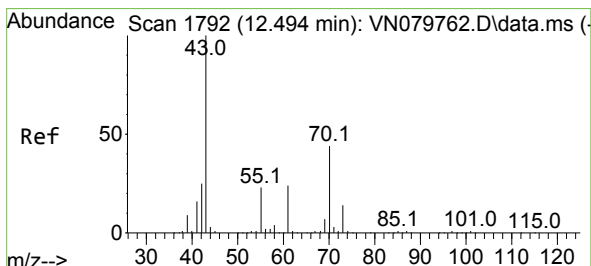
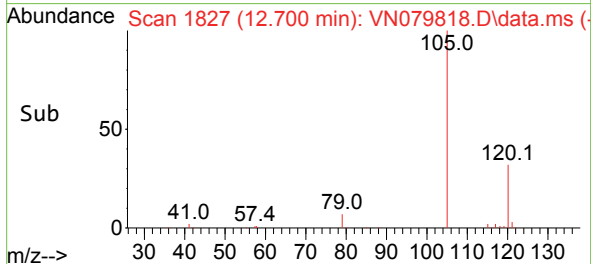
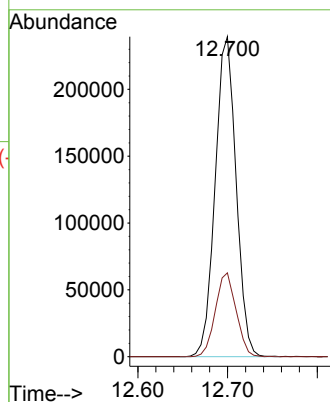
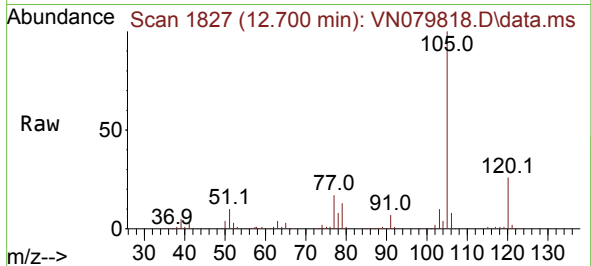




#73
Isopropylbenzene
Concen: 19.583 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

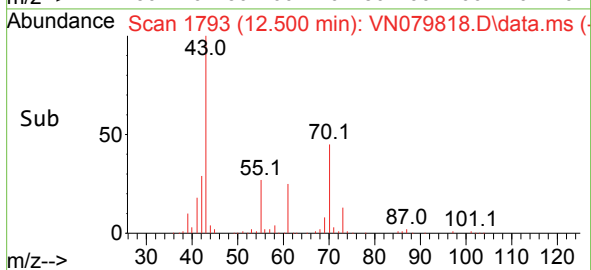
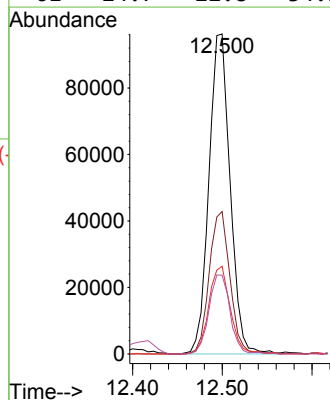
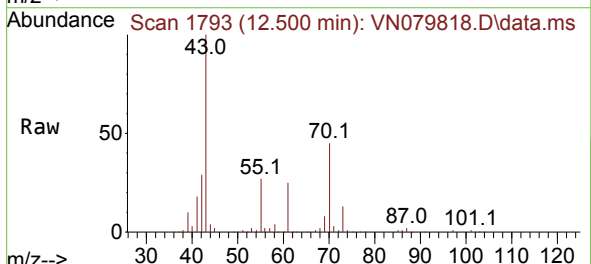
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

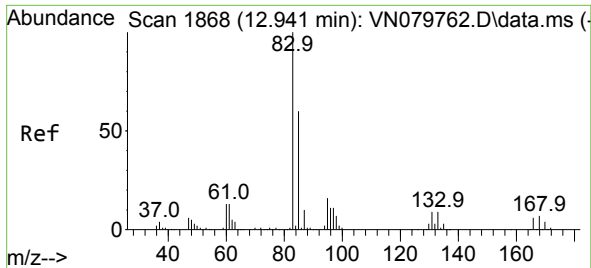
Tgt Ion:105 Resp: 387231
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 18.309 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 43 Resp: 158025
Ion Ratio Lower Upper
43 100
70 43.7 43.4 65.2
55 27.8 21.4 32.0
61 24.7 22.8 34.2

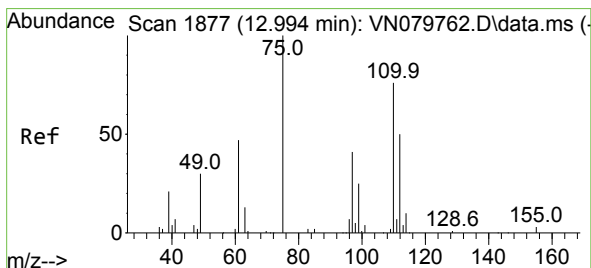
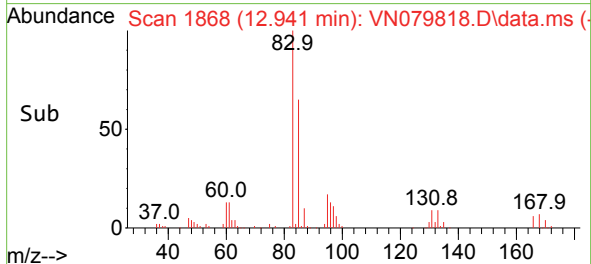
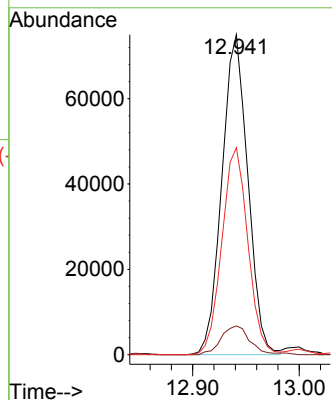
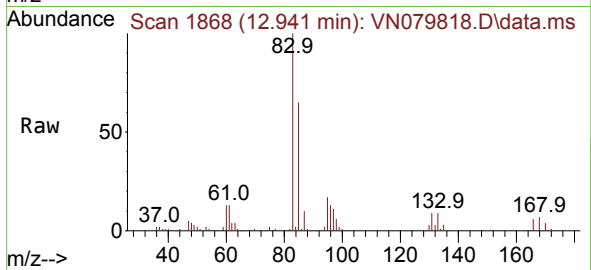




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.097 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN079818.D
 Acq: 03 Nov 2023 02:20

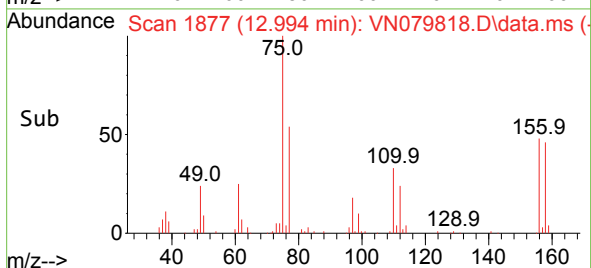
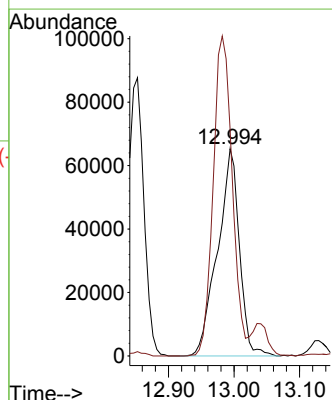
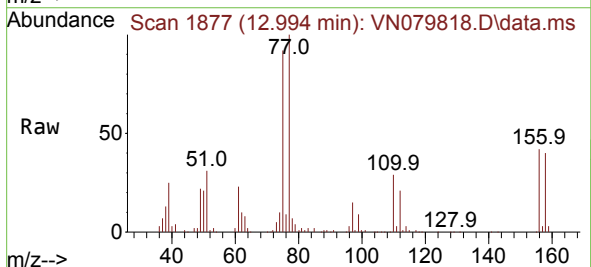
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD02

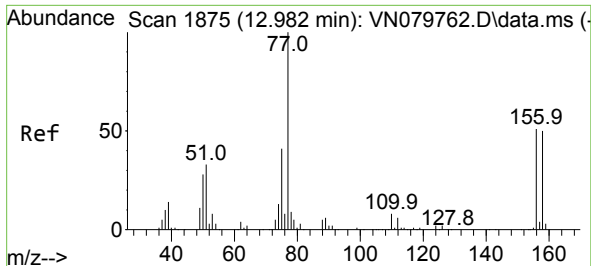
Tgt Ion: 83 Resp: 126877
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 15.0
 85 64.9 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 24.655 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN079818.D
 Acq: 03 Nov 2023 02:20

Tgt Ion: 75 Resp: 150809
 Ion Ratio Lower Upper
 75 100
 77 136.1 84.5 253.5

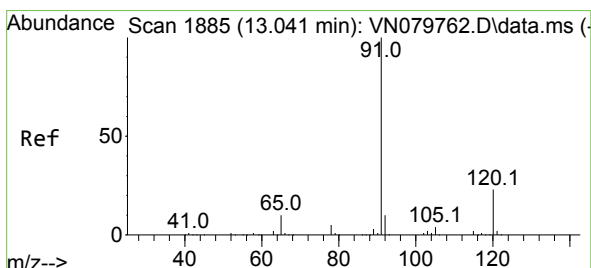
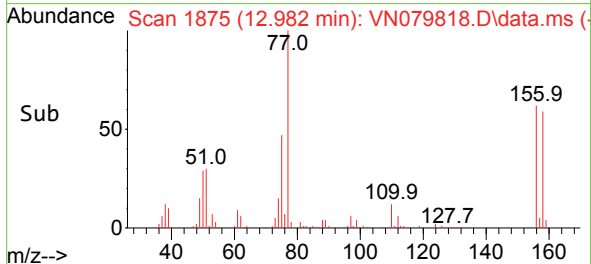
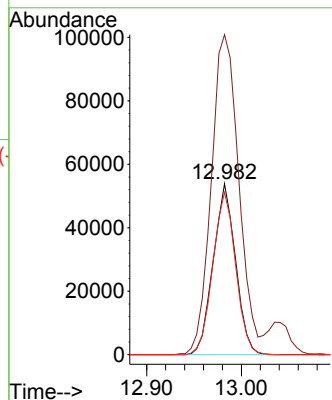
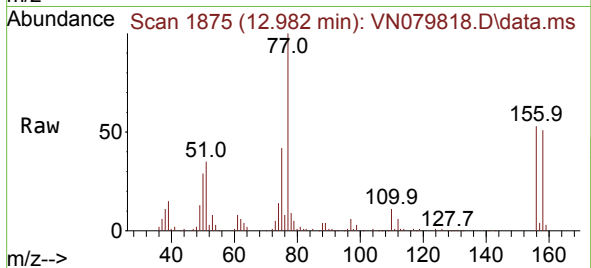




#77
Bromobenzene
Concen: 18.246 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

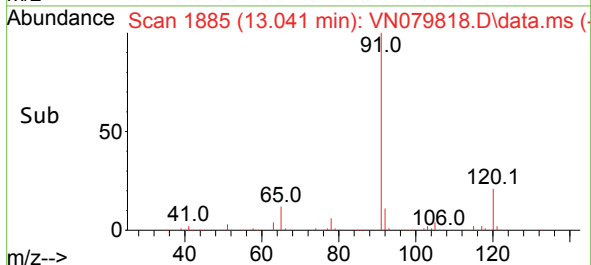
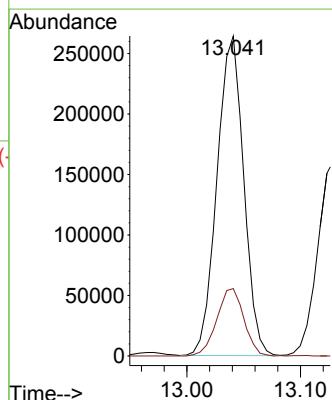
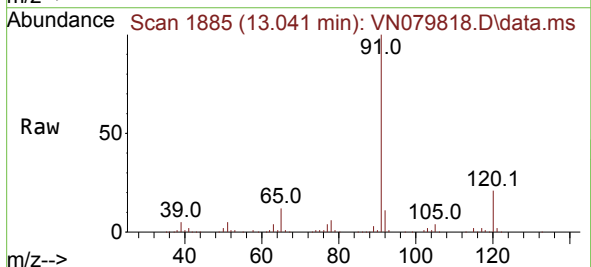
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

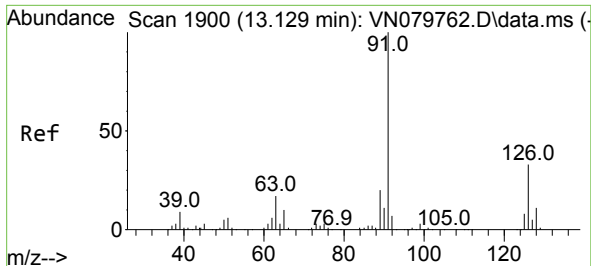
Tgt Ion:156 Resp: 88332
Ion Ratio Lower Upper
156 100
77 232.3 107.7 323.3
158 97.2 48.4 145.3



#78
n-propylbenzene
Concen: 19.051 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 91 Resp: 431389
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.702 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

Instrument :

MSVOA_N

ClientSampleId :

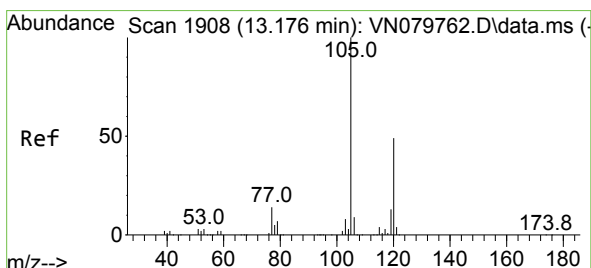
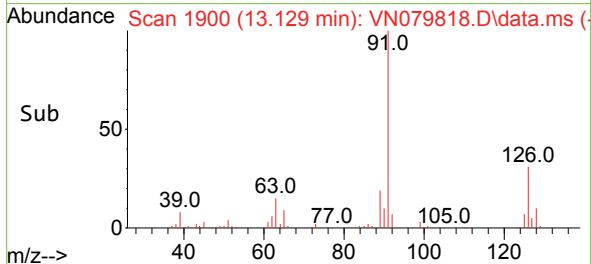
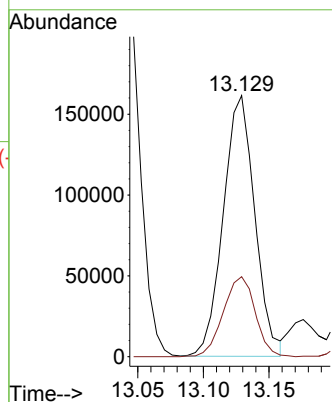
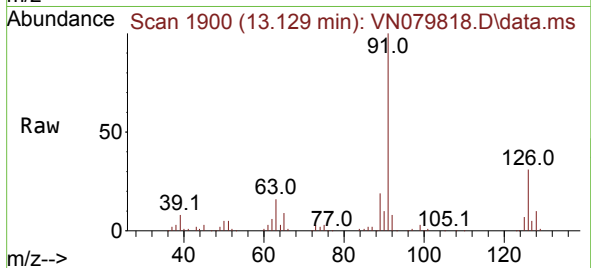
VN1102WBSD02

Tgt Ion: 91 Resp: 270533

Ion Ratio Lower Upper

91 100

126 31.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 20.562 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN079818.D

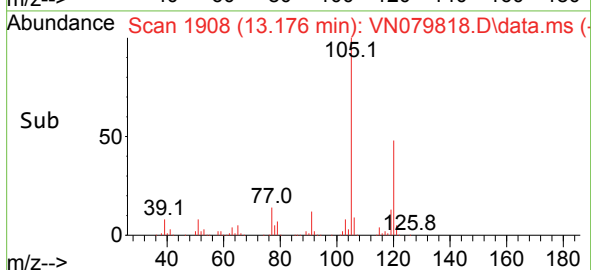
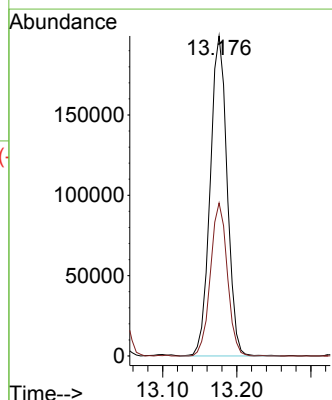
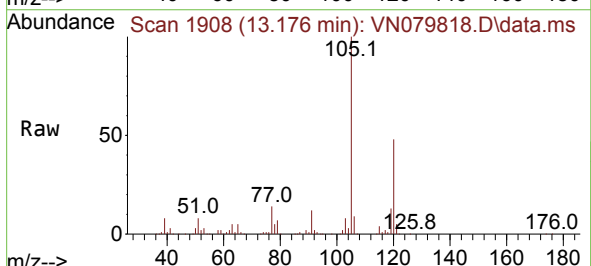
Acq: 03 Nov 2023 02:20

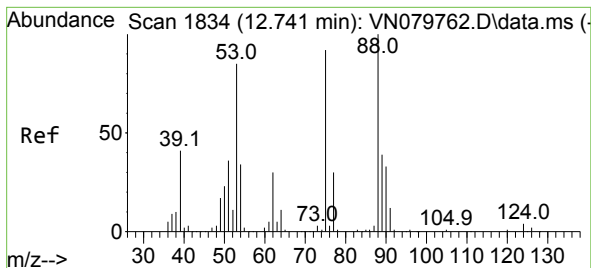
Tgt Ion: 105 Resp: 316325

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.084 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD02

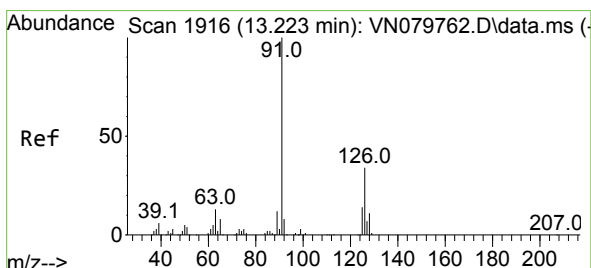
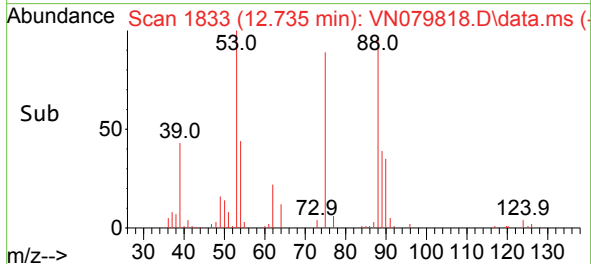
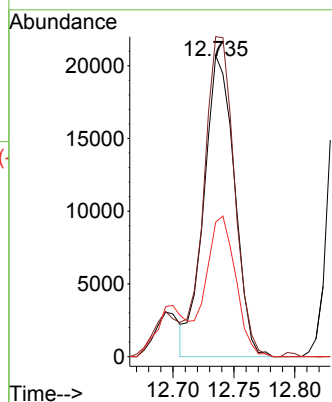
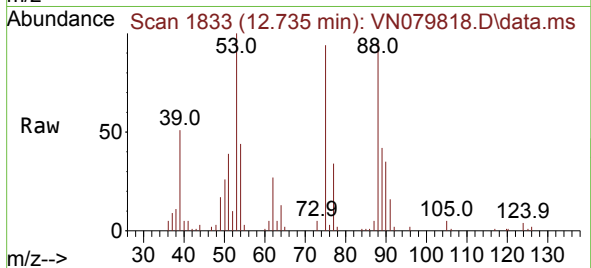
Tgt Ion: 75 Resp: 36159

Ion Ratio Lower Upper

75 100

53 106.6 67.4 101.2#

89 46.2 38.8 58.2



#82

4-Chlorotoluene

Concen: 19.232 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. -0.000 min

Lab File: VN079818.D

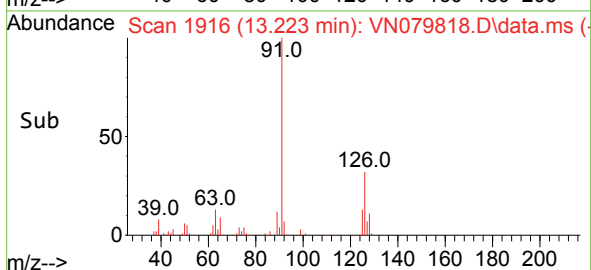
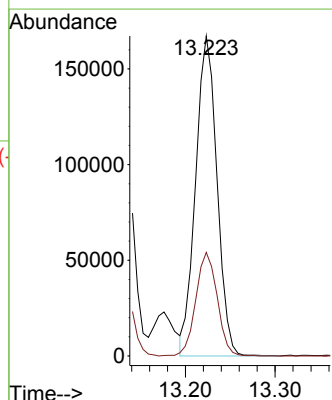
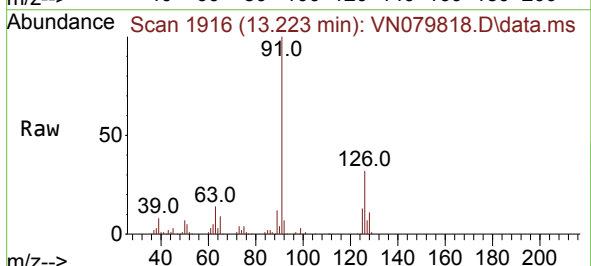
Acq: 03 Nov 2023 02:20

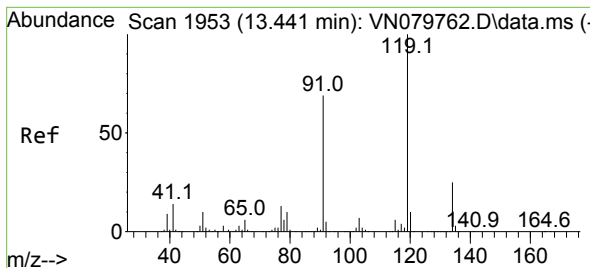
Tgt Ion: 91 Resp: 276449

Ion Ratio Lower Upper

91 100

126 32.4 16.7 50.0





#83

tert-Butylbenzene

Concen: 19.451 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD02

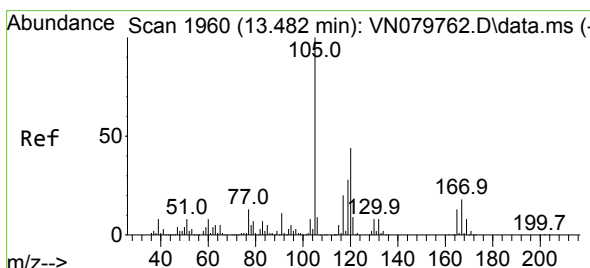
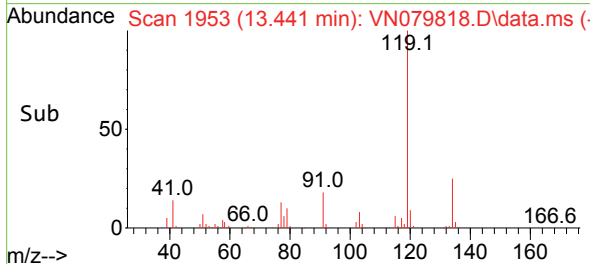
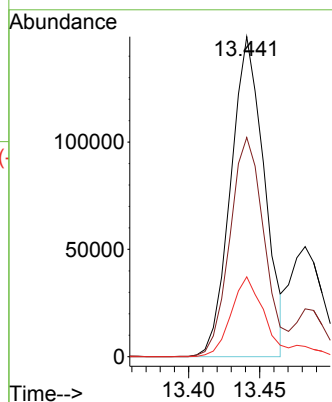
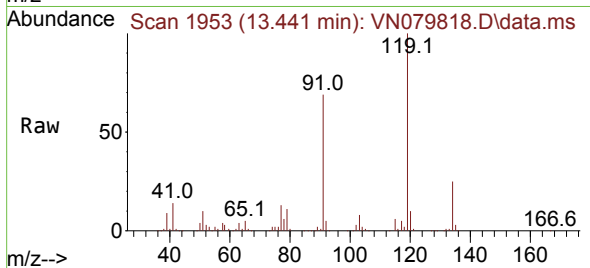
Tgt Ion:119 Resp: 244944

Ion Ratio Lower Upper

119 100

91 70.8 33.9 101.7

134 26.7 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 21.932 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN079818.D

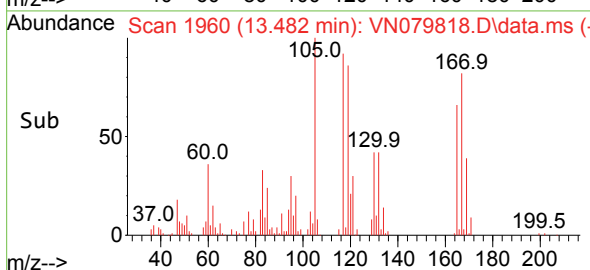
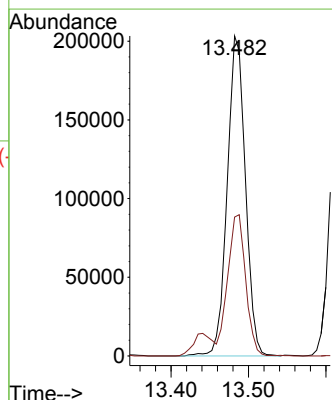
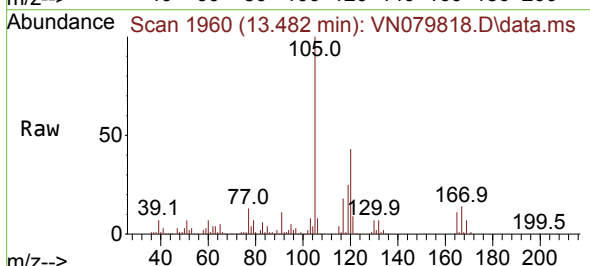
Acq: 03 Nov 2023 02:20

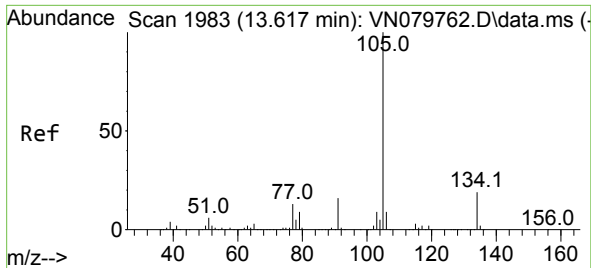
Tgt Ion:105 Resp: 331967

Ion Ratio Lower Upper

105 100

120 43.5 22.0 66.0

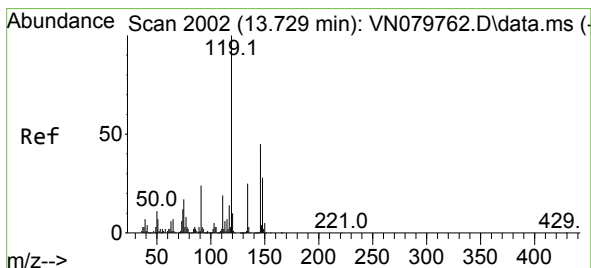
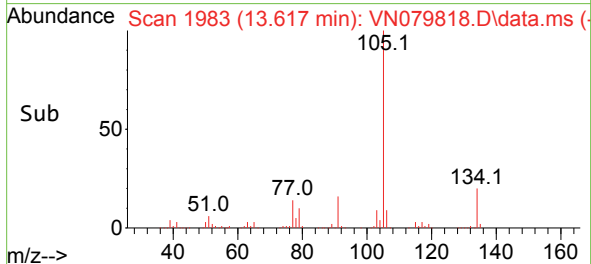
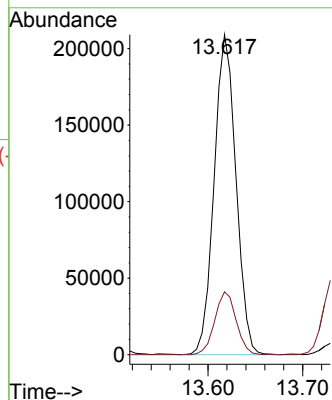
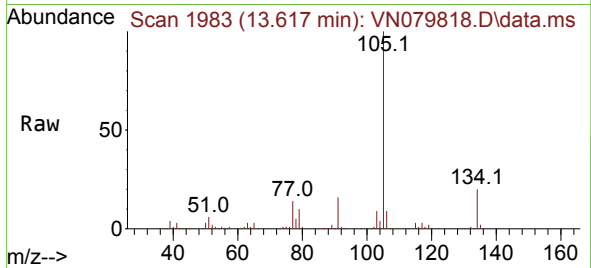




#85
 sec-Butylbenzene
 Concen: 19.193 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN079818.D
 Acq: 03 Nov 2023 02:20

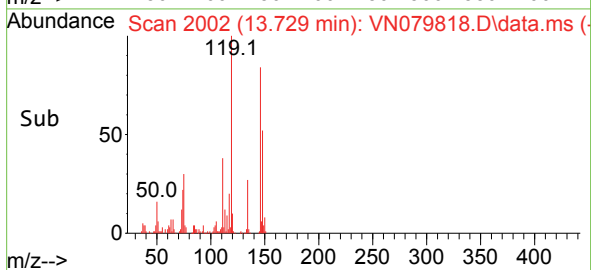
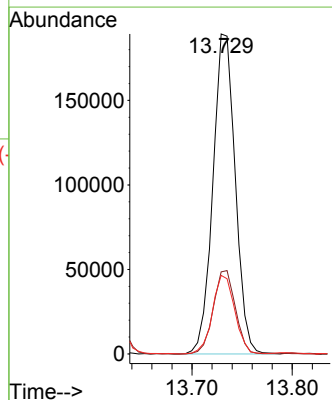
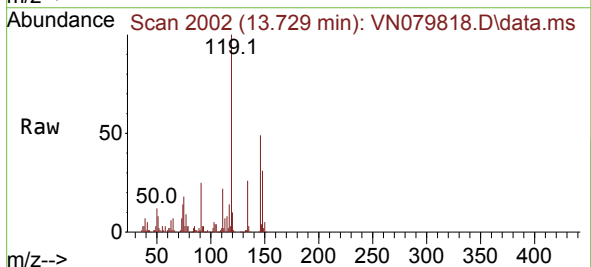
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD02

Tgt Ion:105 Resp: 334854
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.640 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN079818.D
 Acq: 03 Nov 2023 02:20

Tgt Ion:119 Resp: 293601
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.6 12.4 37.2

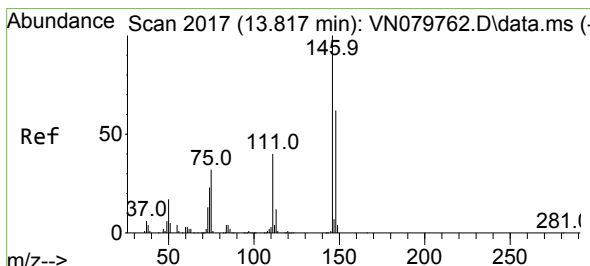
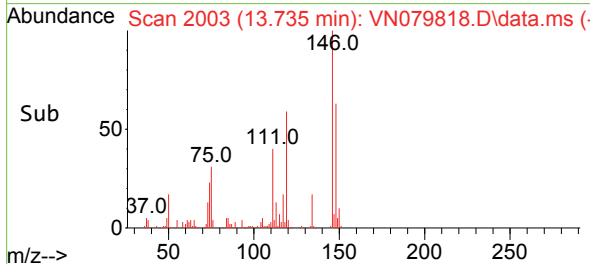
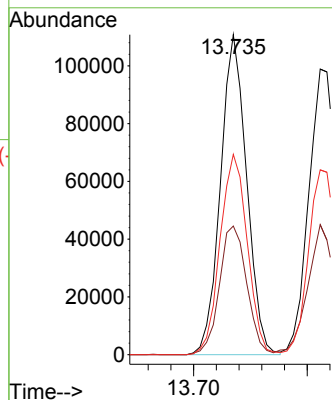
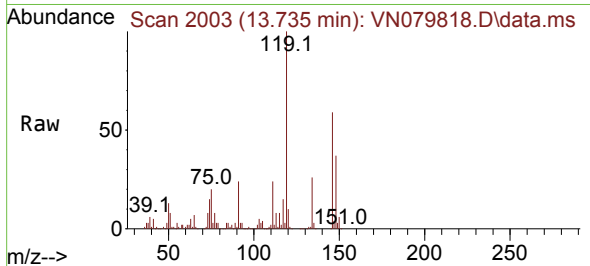




#87
 1,3-Dichlorobenzene
 Concen: 19.696 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079818.D
 Acq: 03 Nov 2023 02:20

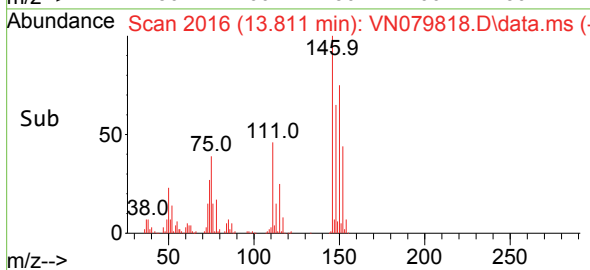
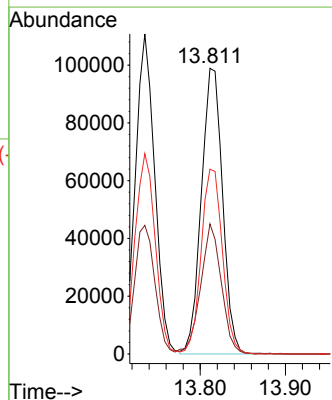
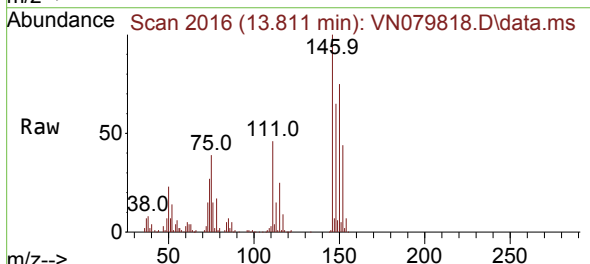
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD02

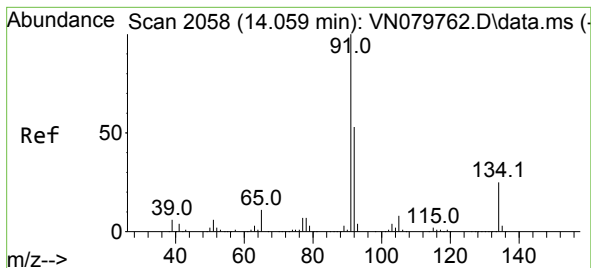
Tgt Ion:146 Resp: 177375
 Ion Ratio Lower Upper
 146 100
 111 42.0 22.1 66.3
 148 65.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.763 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: VN079818.D
 Acq: 03 Nov 2023 02:20

Tgt Ion:146 Resp: 171514
 Ion Ratio Lower Upper
 146 100
 111 44.3 20.6 61.8
 148 64.9 31.6 94.8





#89

n-Butylbenzene

Concen: 19.348 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD02

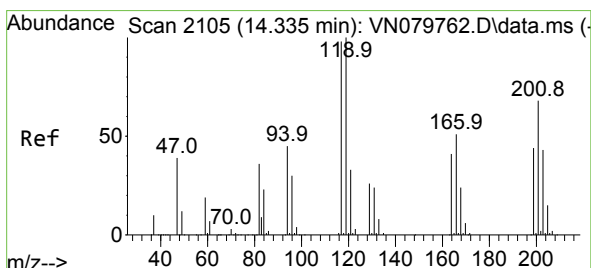
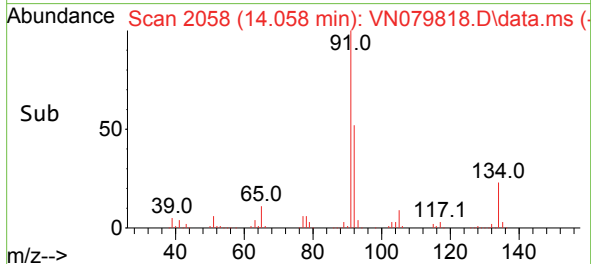
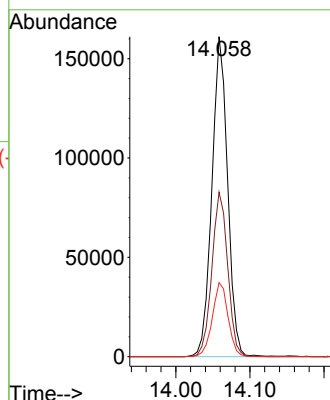
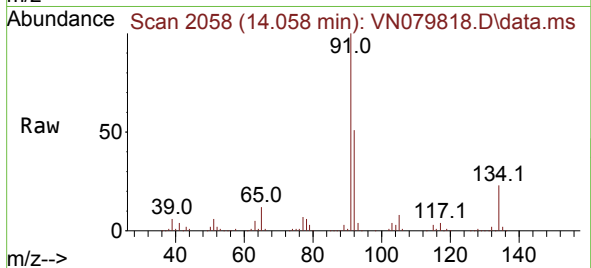
Tgt Ion: 91 Resp: 237039

Ion Ratio Lower Upper

91 100

92 51.8 26.4 79.0

134 23.3 12.6 37.6



#90

Hexachloroethane

Concen: 20.259 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN079818.D

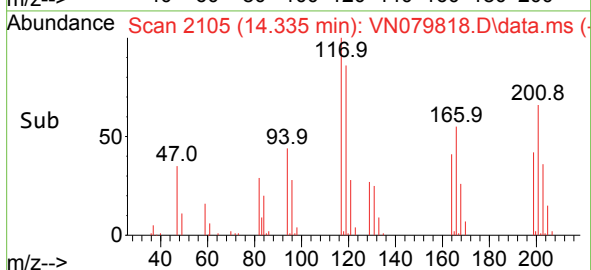
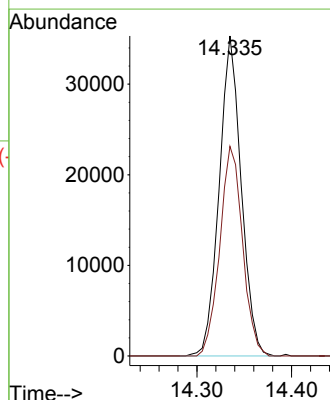
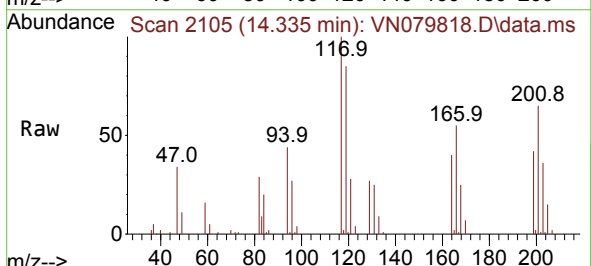
Acq: 03 Nov 2023 02:20

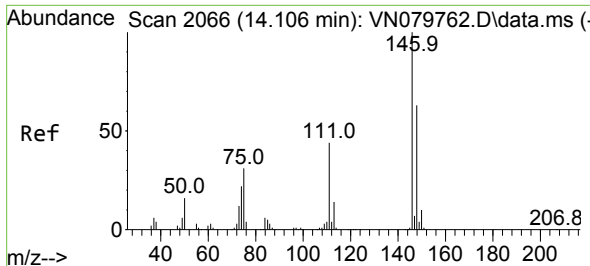
Tgt Ion: 117 Resp: 57071

Ion Ratio Lower Upper

117 100

201 67.6 29.3 88.0

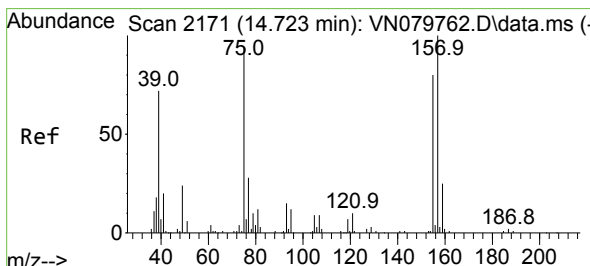
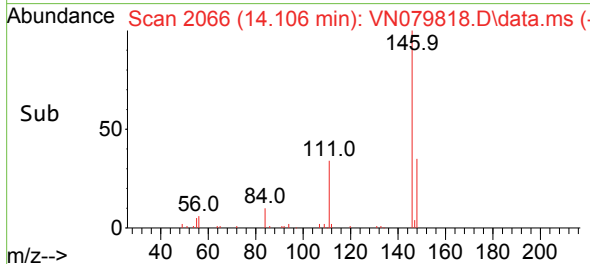
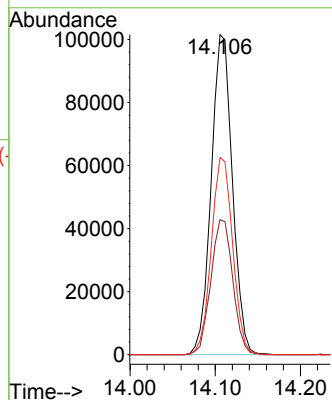
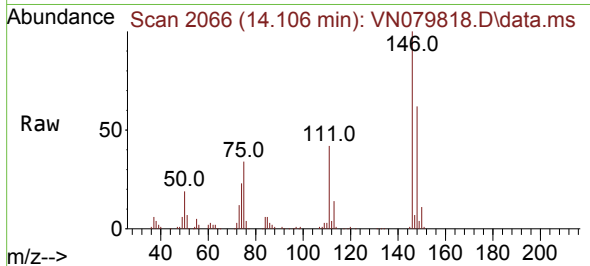




#91
1,2-Dichlorobenzene
Concen: 20.708 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

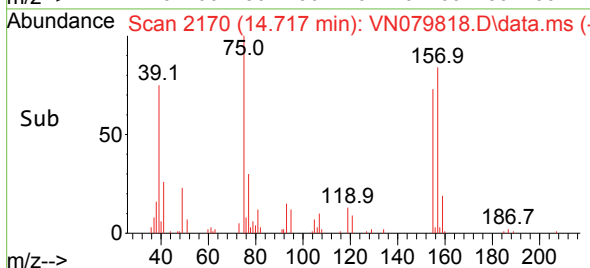
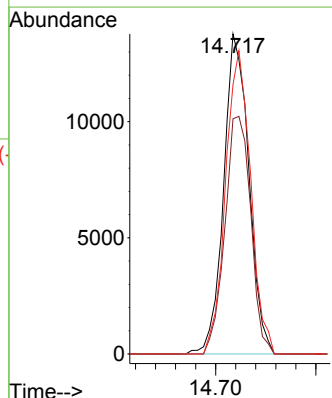
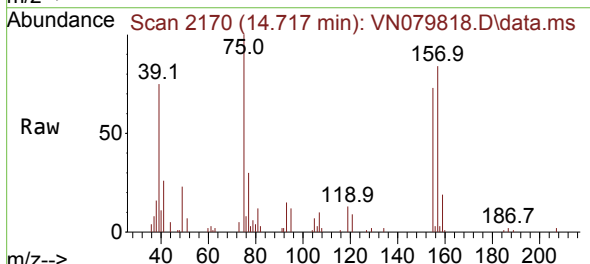
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBSD02

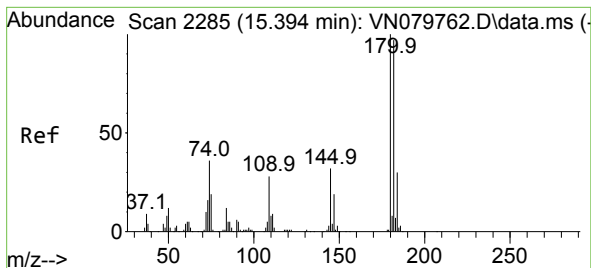
Tgt Ion:146 Resp: 176052
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 62.1 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.170 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN079818.D
Acq: 03 Nov 2023 02:20

Tgt Ion: 75 Resp: 23980
Ion Ratio Lower Upper
75 100
155 76.2 39.1 117.2
157 94.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.344 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD02

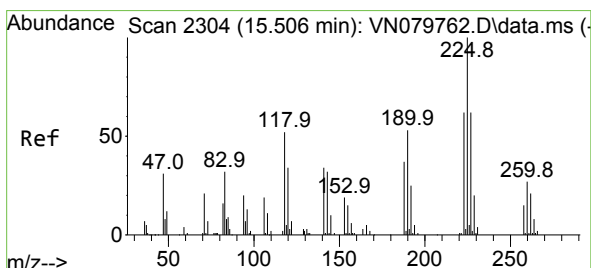
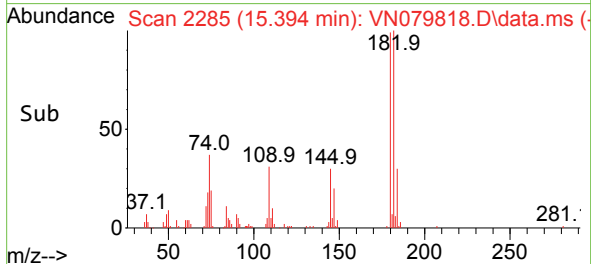
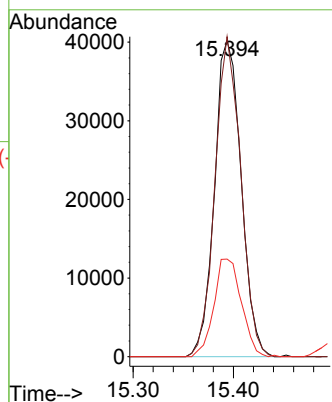
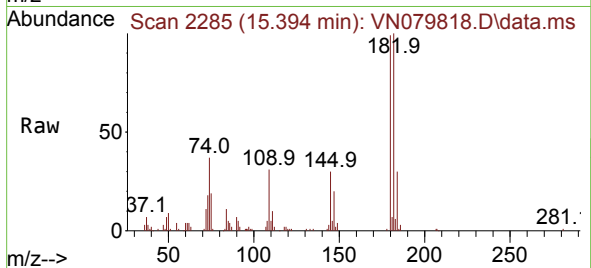
Tgt Ion:180 Resp: 74154

Ion Ratio Lower Upper

180 100

182 97.9 46.1 138.2

145 31.9 16.6 49.8



#94

Hexachlorobutadiene

Concen: 20.033 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

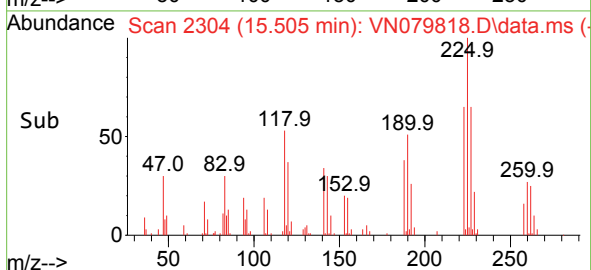
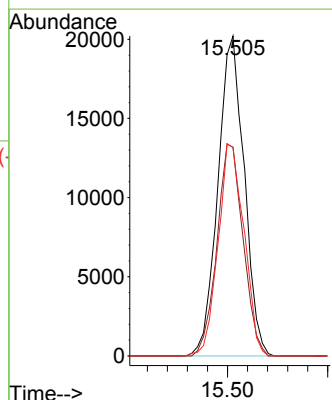
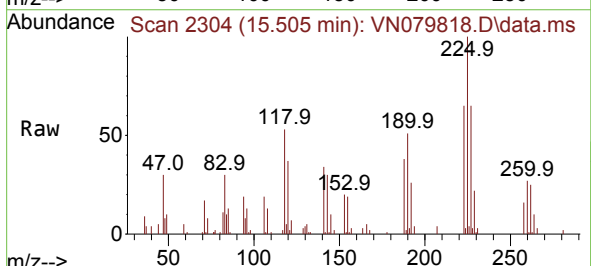
Tgt Ion:225 Resp: 36710

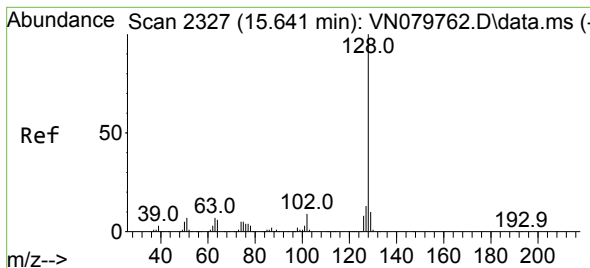
Ion Ratio Lower Upper

225 100

223 65.8 31.3 93.8

227 65.4 31.9 95.9





#95

Naphthalene

Concen: 14.697 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBSD02

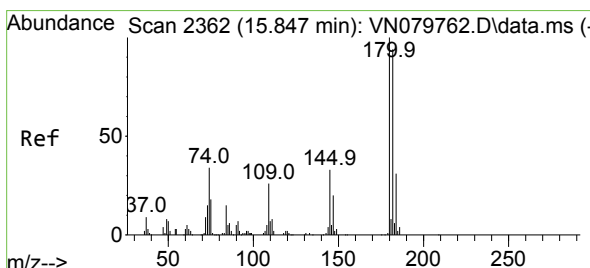
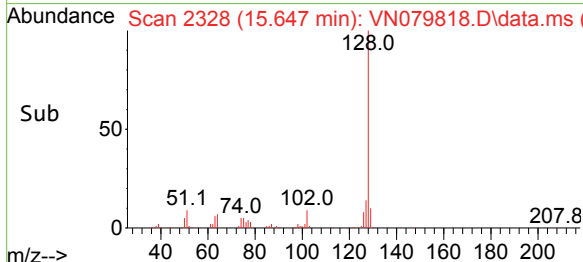
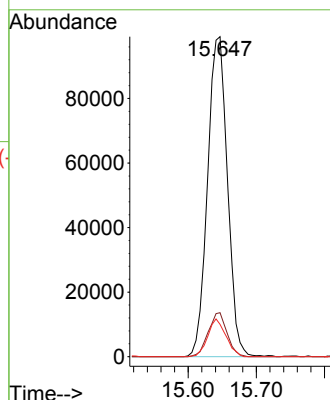
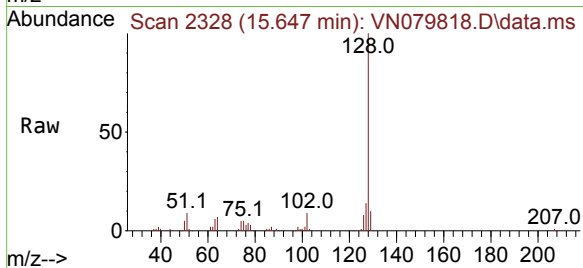
Tgt Ion:128 Resp: 201477

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.137 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079818.D

Acq: 03 Nov 2023 02:20

Tgt Ion:180 Resp: 75830

Ion Ratio Lower Upper

180 100

182 95.7 46.2 138.6

145 33.7 17.5 52.6

