

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071223\
 Data File : VN078477.D
 Acq On : 12 Jul 2023 13:04
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 13 02:02:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	418481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	753976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	688237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	229823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	281824	50.234	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.460%	
35) Dibromofluoromethane	8.171	113	277596	54.237	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.480%	
50) Toluene-d8	10.570	98	868873	44.938	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 89.880%	
62) 4-Bromofluorobenzene	12.853	95	304288	51.093	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	522	0.102	ug/l #	43
3) Chloromethane	2.371	50	1736	0.311	ug/l	90
4) Vinyl Chloride	2.512	62	450	0.062	ug/l #	64
5) Bromomethane	2.983	94	3418	Below Cal		90
6) Chloroethane	3.130	64	313	Below Cal	#	10
7) Trichlorofluoromethane	3.489	101	221	0.026	ug/l #	19
9) 1,1,2-Trichlorotrifluo...	4.389	101	307	0.067	ug/l #	20
10) Methyl Iodide	4.612	142	2071	0.330	ug/l #	75
11) Tert butyl alcohol	5.518	59	230	0.266	ug/l #	72
12) 1,1-Dichloroethene	4.341	96	361	0.082	ug/l #	28
13) Acrolein	4.194	56	559	0.657	ug/l #	14
14) Allyl chloride	5.024	41	217	0.036	ug/l #	1
15) Acrylonitrile	5.741	53	848	0.388	ug/l #	48
16) Acetone	4.436	43	370	0.212	ug/l #	40
17) Carbon Disulfide	4.736	76	5484	0.429	ug/l #	89
18) Methyl Acetate	5.041	43	1666	0.225	ug/l #	42
19) Methyl tert-butyl Ether	5.824	73	53	0.004	ug/l #	57
20) Methylene Chloride	5.294	84	2523	Below Cal	#	70
21) trans-1,2-Dichloroethene	5.794	96	287	0.058	ug/l #	27
22) Diisopropyl ether	6.682	45	90	0.007	ug/l #	33
23) Vinyl Acetate	6.606	43	340	0.040	ug/l #	62
24) 1,1-Dichloroethane	6.582	63	56	0.006	ug/l #	81
25) 2-Butanone	7.488	43	425	0.154	ug/l #	37
26) 2,2-Dichloropropane	7.447	77	895	0.120	ug/l #	53
27) cis-1,2-Dichloroethene	7.494	96	360	0.063	ug/l	66
28) Bromochloromethane	7.841	49	60	0.014	ug/l #	5
29) Tetrahydrofuran	7.859	42	382	0.212	ug/l #	51
30) Chloroform	7.982	83	170	0.018	ug/l #	15
31) Cyclohexane	8.235	56	9624	1.269	ug/l #	12
32) 1,1,1-Trichloroethane	8.229	97	127	0.015	ug/l #	1
36) 1,1-Dichloropropene	8.235	75	34555	4.676	ug/l #	49
37) Ethyl Acetate	7.571	43	62	0.010	ug/l #	63
38) Carbon Tetrachloride	8.235	117	45472	5.661	ug/l #	16
39) Methylcyclohexane	9.612	83	867	0.129	ug/l #	34
40) Benzene	8.612	78	883	0.040	ug/l #	52
41) Methacrylonitrile	7.794	41	109	0.035	ug/l #	73

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071223\
 Data File : VN078477.D
 Acq On : 12 Jul 2023 13:04
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 13 02:02:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

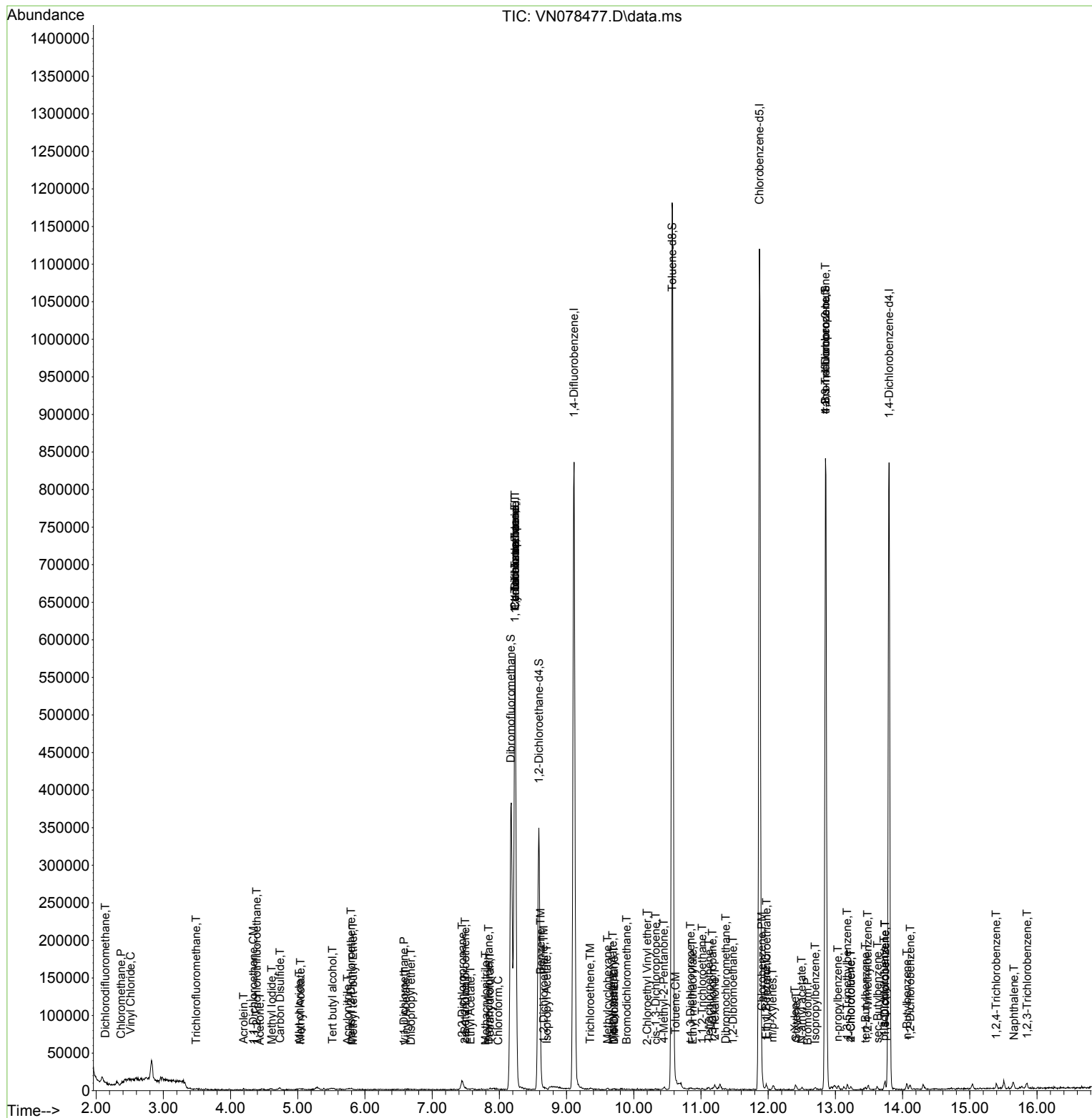
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.659	62	402	0.054	ug/l #	73
43) Isopropyl Acetate	8.706	43	307	0.030	ug/l #	49
44) Trichloroethene	9.353	130	733	0.124	ug/l	66
46) Dibromomethane	9.706	93	314	0.080	ug/l #	34
47) Bromodichloromethane	9.894	83	422	0.054	ug/l #	95
48) Methyl methacrylate	9.688	41	212	0.045	ug/l #	52
49) 1,4-Dioxane	9.706	88	129	1.259	ug/l #	66
51) 4-Methyl-2-Pentanone	10.447	43	2651	0.439	ug/l #	77
52) Toluene	10.623	92	1103	0.081	ug/l	99
53) t-1,3-Dichloropropene	10.847	75	881	0.110	ug/l #	1
54) cis-1,3-Dichloropropene	10.329	75	318	0.037	ug/l #	54
55) 1,1,2-Trichloroethane	11.018	97	590	0.110	ug/l #	76
56) Ethyl methacrylate	10.876	69	516	0.069	ug/l #	72
57) 1,3-Dichloropropane	11.170	76	474	0.052	ug/l #	69
58) 2-Chloroethyl Vinyl ether	10.200	63	174	0.065	ug/l #	42
59) 2-Hexanone	11.206	43	3899	0.909	ug/l	89
60) Dibromochloromethane	11.370	129	365	0.062	ug/l	95
61) 1,2-Dibromoethane	11.476	107	328	0.060	ug/l #	26
64) Tetrachloroethene	11.118	164	647	0.125	ug/l #	56
65) Chlorobenzene	11.906	112	2340	0.152	ug/l #	80
66) 1,1,1,2-Tetrachloroethane	11.976	131	205	0.035	ug/l #	21
67) Ethyl Benzene	11.970	91	2541	0.098	ug/l #	44
68) m/p-Xylenes	12.065	106	1371	0.143	ug/l #	1
69) o-Xylene	12.400	106	867	0.089	ug/l	47
70) Styrene	12.417	104	1893	0.125	ug/l #	82
71) Bromoform	12.588	173	255	0.064	ug/l #	28
73) Isopropylbenzene	12.700	105	2295	0.106	ug/l	94
74) N-amyl acetate	12.500	43	1661	0.223	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	12.935	83	1353	Below Cal	#	78
76) 1,2,3-Trichloropropane	12.853	75	160929	28.970	ug/l #	1
77) Bromobenzene	12.976	156	1015	Below Cal		97
78) n-propylbenzene	13.035	91	3637	0.157	ug/l	99
79) 2-Chlorotoluene	13.229	91	2985	0.197	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	2482	0.145	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.853	75	160929	76.127	ug/l #	15
82) 4-Chlorotoluene	13.229	91	2985	0.212	ug/l	97
83) tert-Butylbenzene	13.447	119	1445	0.100	ug/l	84
84) 1,2,4-Trimethylbenzene	13.482	105	3885	0.234	ug/l	93
85) sec-Butylbenzene	13.629	105	2840	0.155	ug/l	93
86) p-Isopropyltoluene	13.723	119	2216	0.151	ug/l	83
87) 1,3-Dichlorobenzene	13.741	146	2675	0.323	ug/l	99
88) 1,4-Dichlorobenzene	13.741	146	2675	0.320	ug/l	97
89) n-Butylbenzene	14.064	91	4042	0.384	ug/l	93
90) Hexachloroethane	14.335	117	124	Below Cal		88
91) 1,2-Dichlorobenzene	14.117	146	2048	0.248	ug/l	82
92) 1,2-Dibromo-3-Chloropr...	14.717	75	191	Below Cal	#	54
93) 1,2,4-Trichlorobenzene	15.394	180	1969	0.748	ug/l	83
94) Hexachlorobutadiene	15.505	225	1511	Below Cal		89
95) Naphthalene	15.658	128	7548	0.839	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.852	180	2732	0.902	ug/l	83

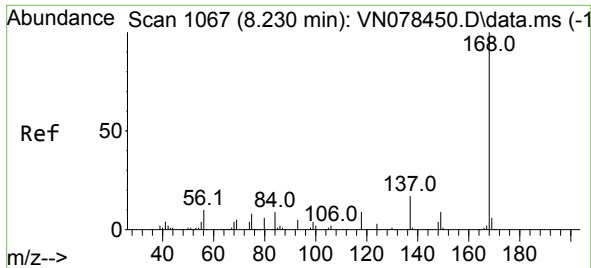
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Jul 13 02:02:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

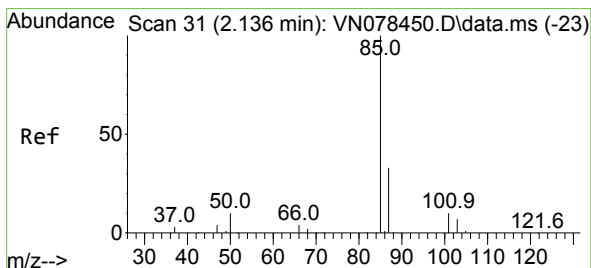
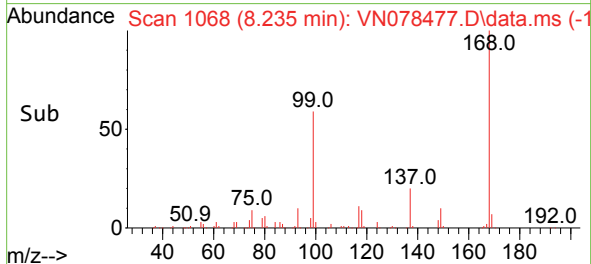
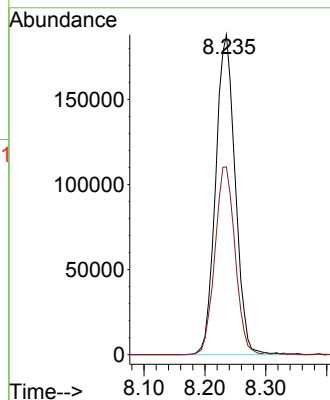
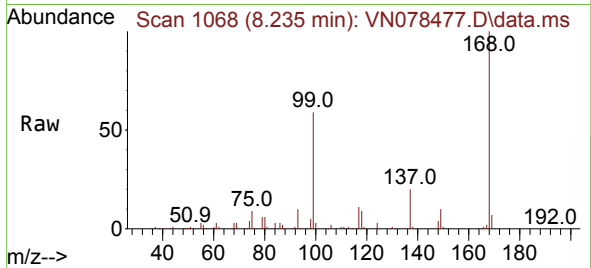




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

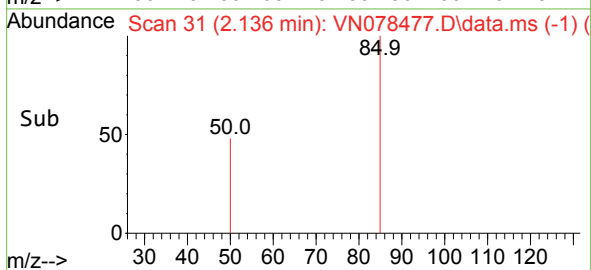
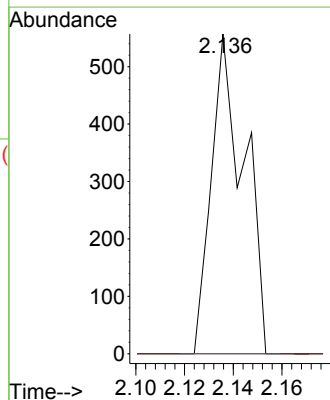
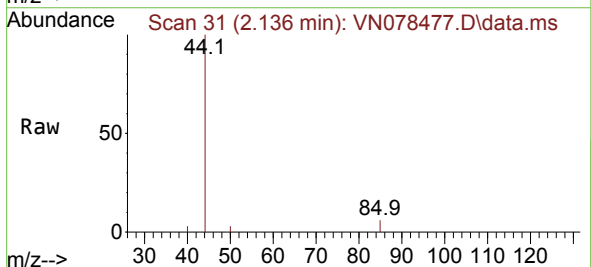
Instrument :
MSVOA_N
ClientSampleId :
IBLK

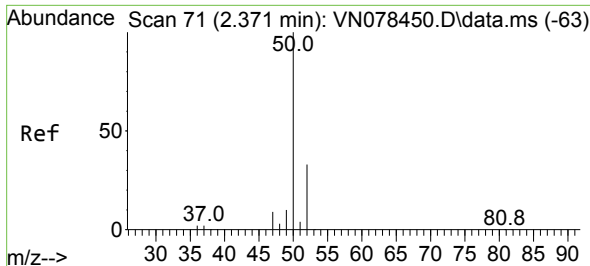
Tgt Ion:168 Resp: 418481
Ion Ratio Lower Upper
168 100
99 58.6 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.102 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 85 Resp: 522
Ion Ratio Lower Upper
85 100
87 0.0 15.8 47.4#

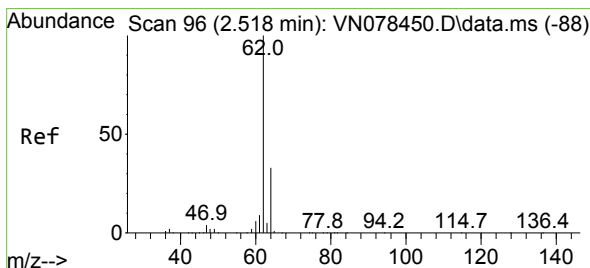
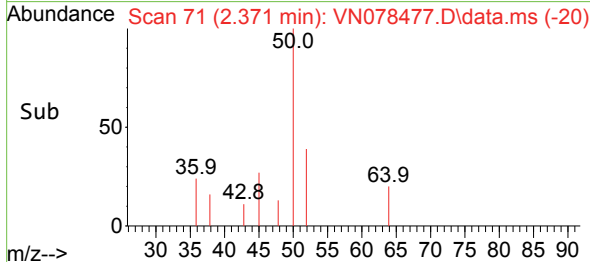
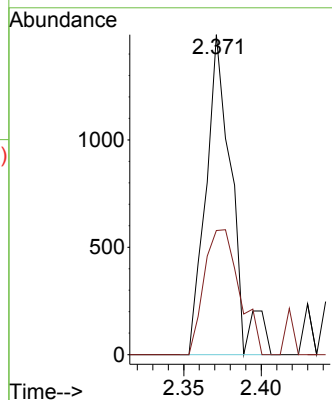
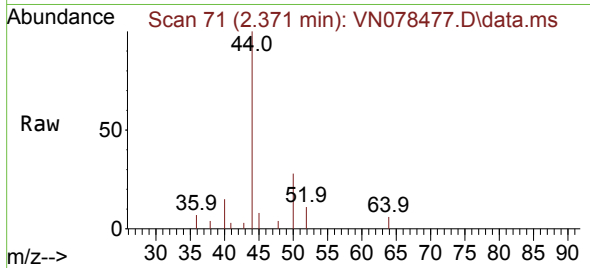




#3
Chloromethane
Concen: 0.311 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

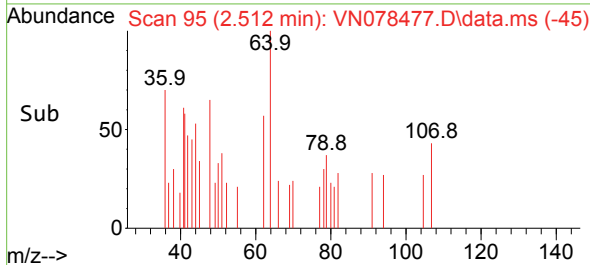
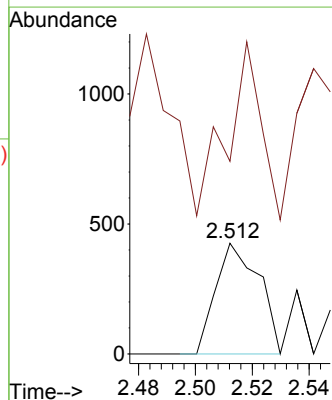
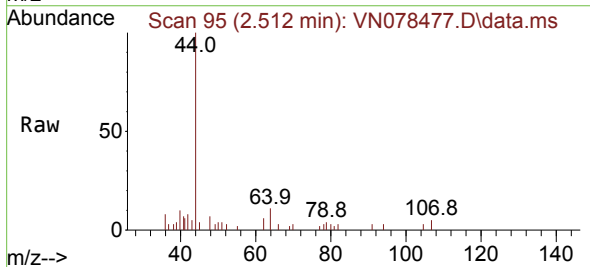
Instrument :
MSVOA_N
ClientSampleId :
IBLK

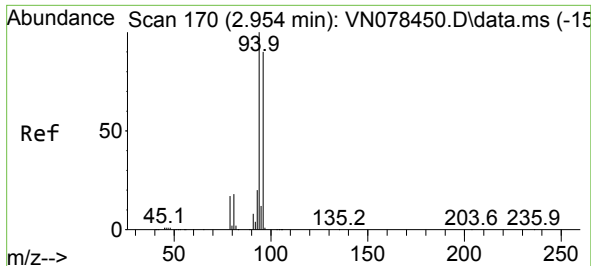
Tgt Ion: 50 Resp: 1736
Ion Ratio Lower Upper
50 100
52 38.8 26.5 39.7



#4
Vinyl Chloride
Concen: 0.062 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 62 Resp: 450
Ion Ratio Lower Upper
62 100
64 53.1 26.2 39.2#

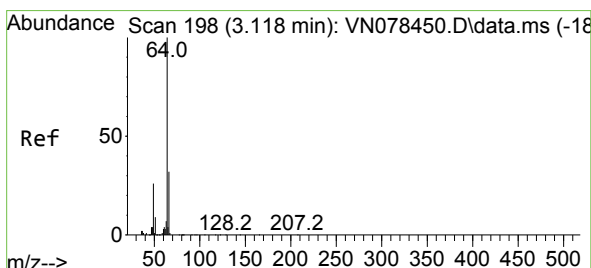
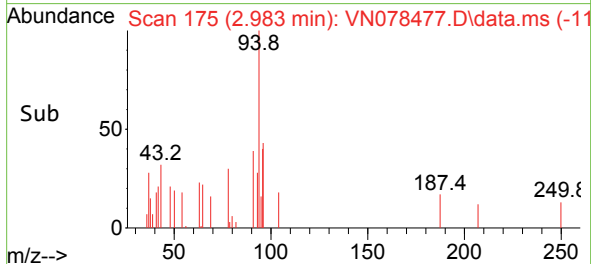
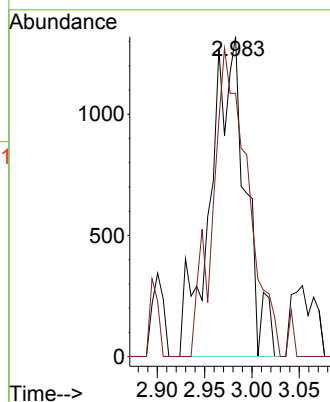
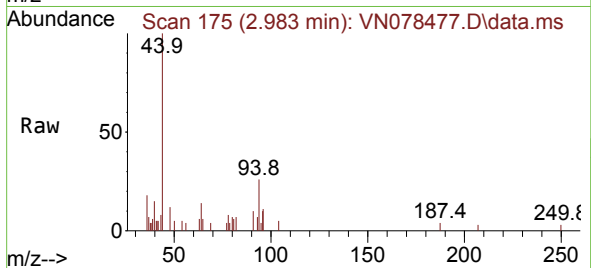




#5
Bromomethane
Concen: Below Cal
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

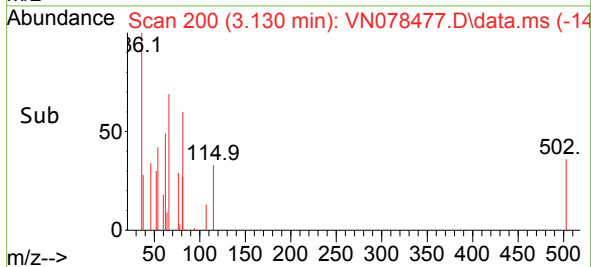
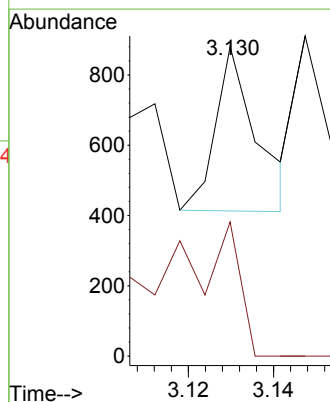
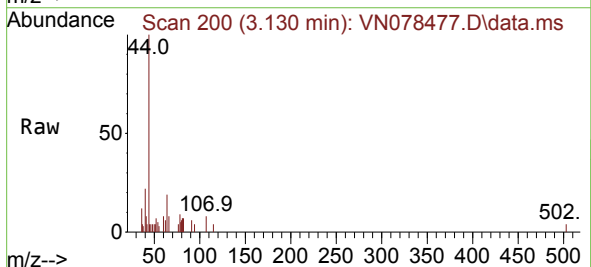
Instrument :
MSVOA_N
ClientSampleId :
IBLK

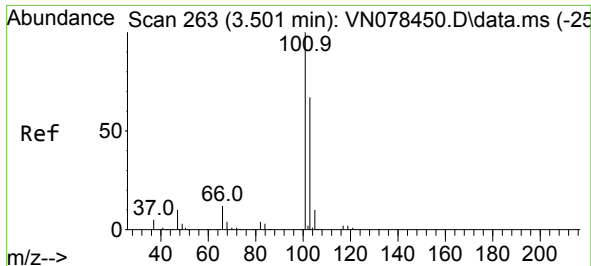
Tgt Ion: 94 Resp: 3418
Ion Ratio Lower Upper
94 100
96 82.3 73.1 109.7



#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 64 Resp: 313
Ion Ratio Lower Upper
64 100
66 82.0 25.4 38.2#

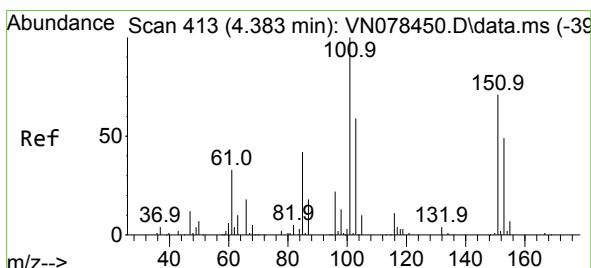
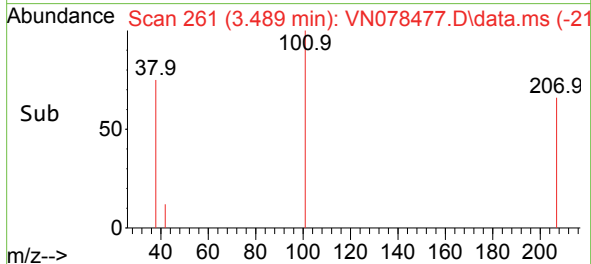
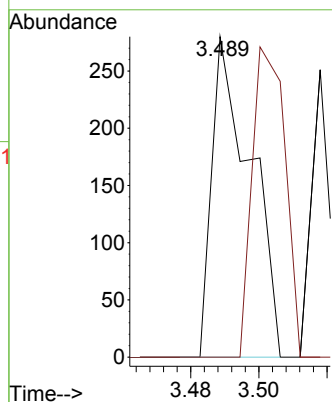
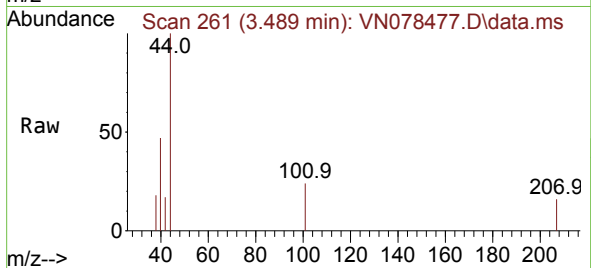




#7
 Trichlorofluoromethane
 Concen: 0.026 ug/l
 RT: 3.489 min Scan# 201
 Delta R.T. -0.012 min
 Lab File: VN078477.D
 Acq: 12 Jul 2023 13:04

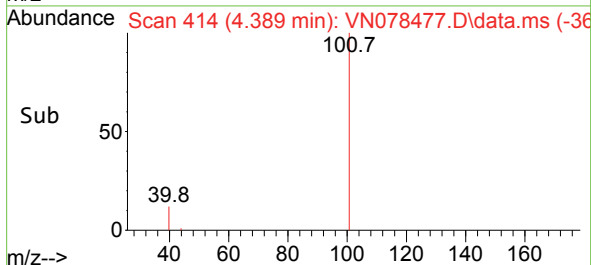
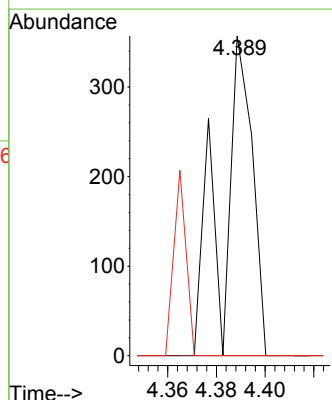
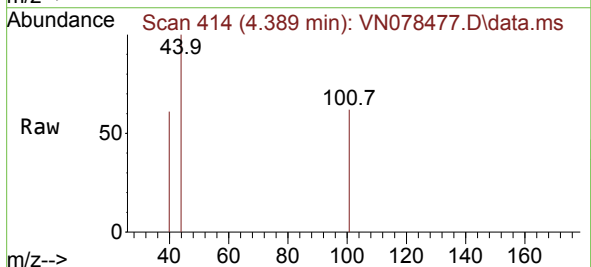
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

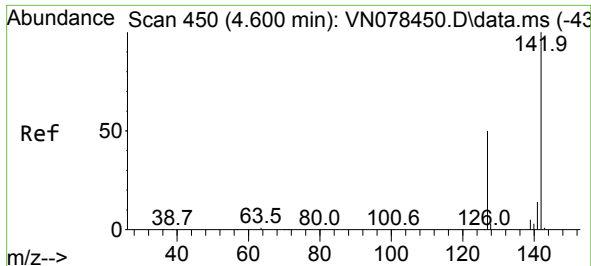
Tgt Ion:101 Resp: 221
 Ion Ratio Lower Upper
 101 100
 103 0.0 50.7 76.1#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.067 ug/l
 RT: 4.389 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VN078477.D
 Acq: 12 Jul 2023 13:04

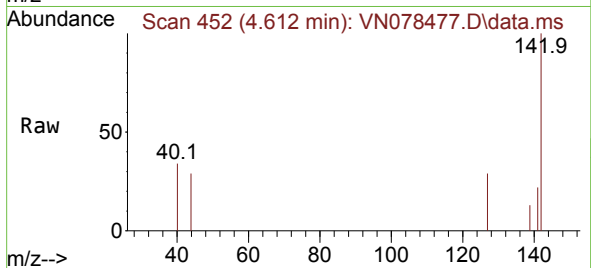
Tgt Ion:101 Resp: 307
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.6 55.0#
 151 0.0 57.6 86.4#



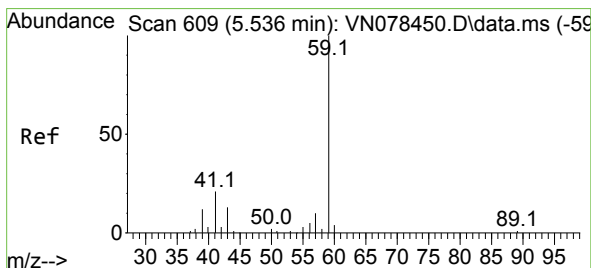
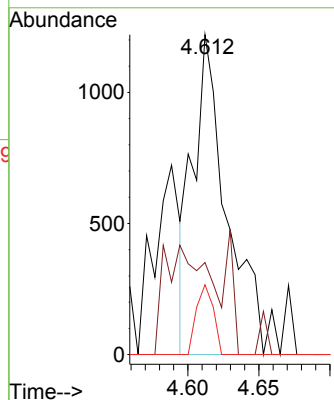
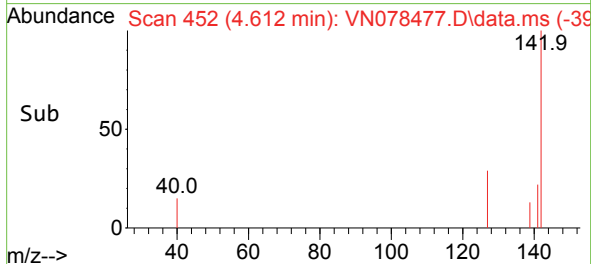


#10
Methyl Iodide
Concen: 0.330 ug/l
RT: 4.612 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
IBLK

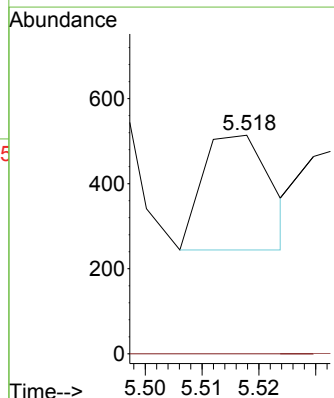
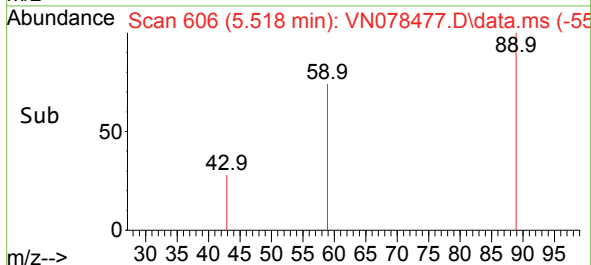
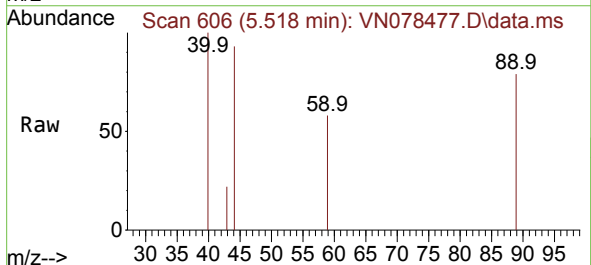


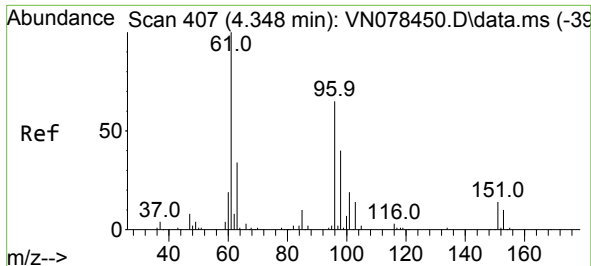
Tgt Ion:142 Resp: 2071
Ion Ratio Lower Upper
142 100
127 28.8 37.6 56.4#
141 21.8 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.266 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.018 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 59 Resp: 230
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

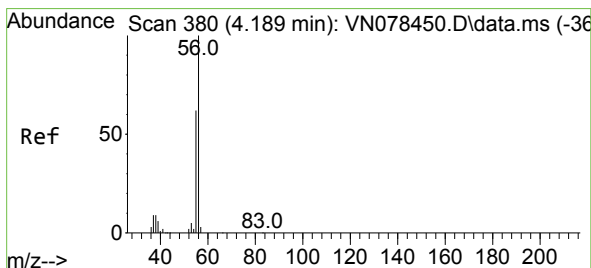
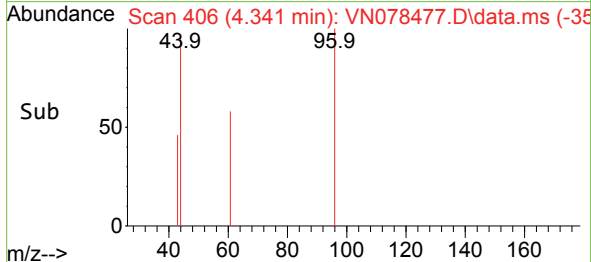
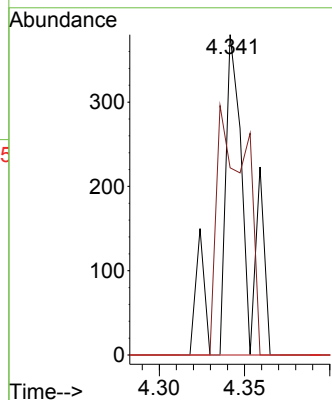
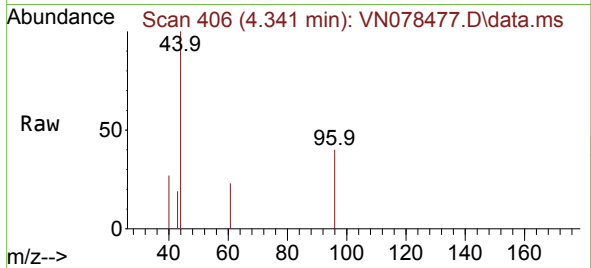




#12
1,1-Dichloroethene
Concen: 0.082 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.007 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

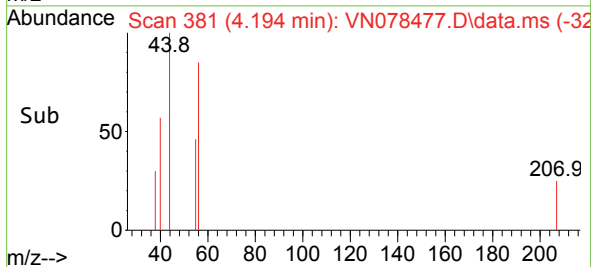
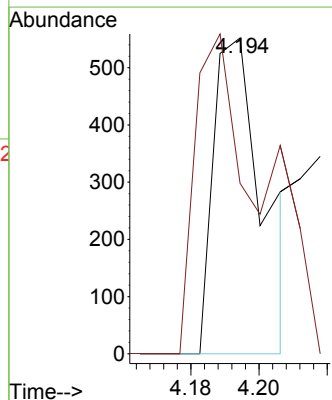
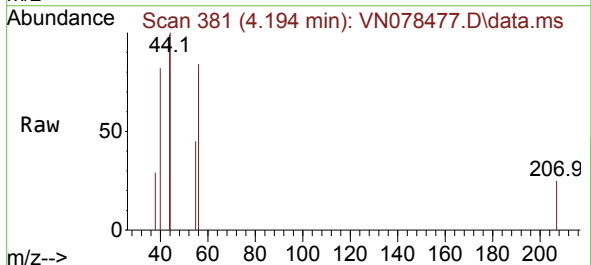
Instrument :
MSVOA_N
ClientSampleId :
IBLK

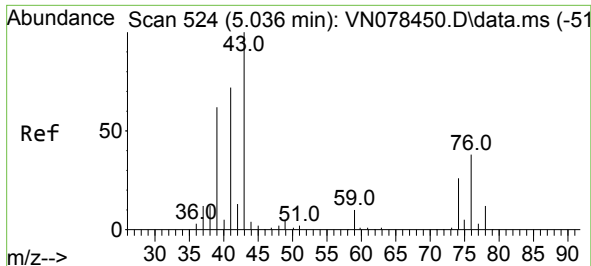
Tgt Ion: 96 Resp: 361
Ion Ratio Lower Upper
96 100
61 58.4 112.7 169.1#
98 0.0 51.2 76.8#



#13
Acrolein
Concen: 0.657 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 56 Resp: 559
Ion Ratio Lower Upper
56 100
55 137.4 54.5 81.7#

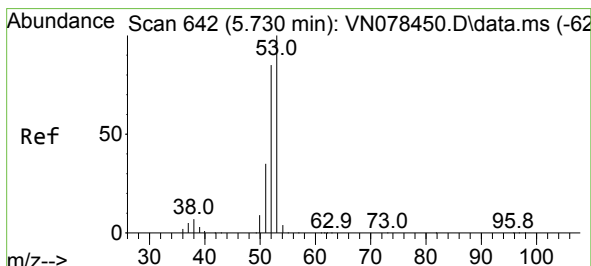
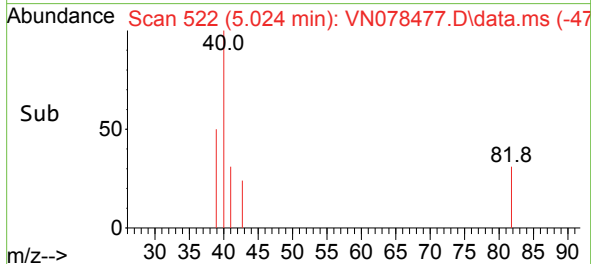
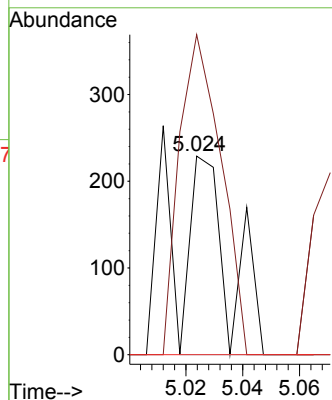
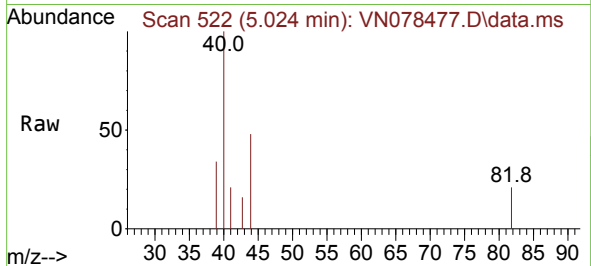




#14
 Allyl chloride
 Concen: 0.036 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.012 min
 Lab File: VN078477.D
 Acq: 12 Jul 2023 13:04

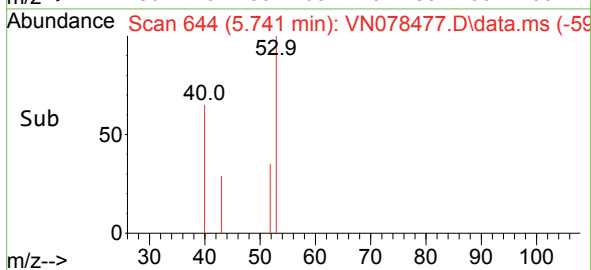
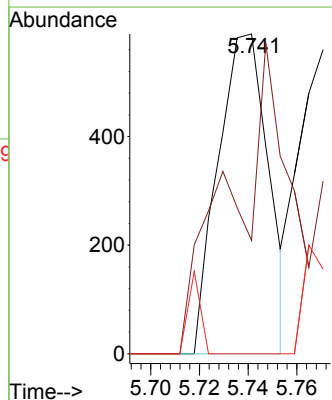
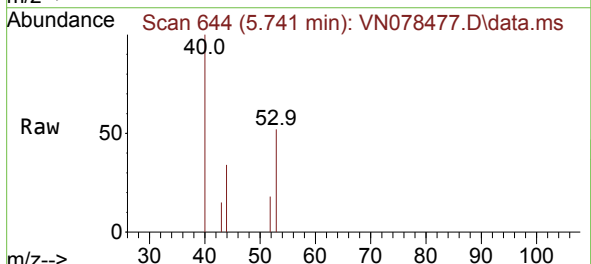
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

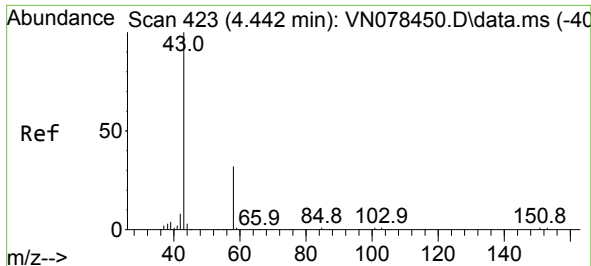
Tgt Ion: 41 Resp: 217
 Ion Ratio Lower Upper
 41 100
 39 174.2 58.8 88.2#
 76 0.0 39.1 58.7#



#15
 Acrylonitrile
 Concen: 0.388 ug/l
 RT: 5.741 min Scan# 644
 Delta R.T. 0.011 min
 Lab File: VN078477.D
 Acq: 12 Jul 2023 13:04

Tgt Ion: 53 Resp: 848
 Ion Ratio Lower Upper
 53 100
 52 124.5 65.3 97.9#
 51 0.0 28.9 43.3#

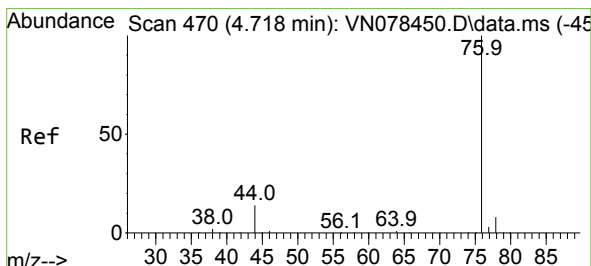
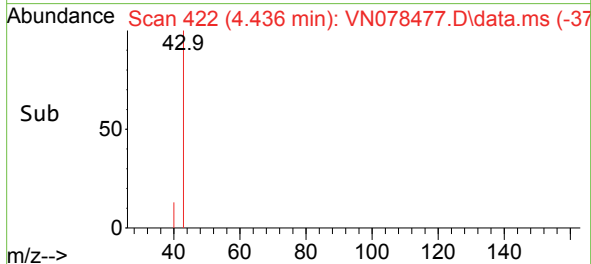
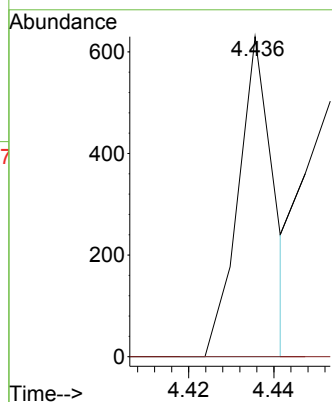
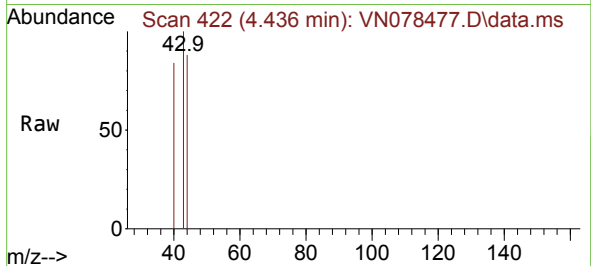




#16
Acetone
Concen: 0.212 ug/l
RT: 4.436 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

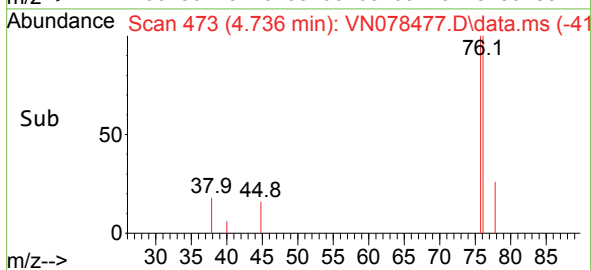
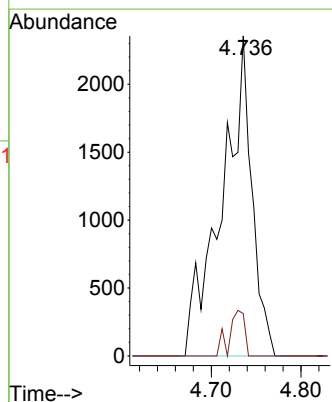
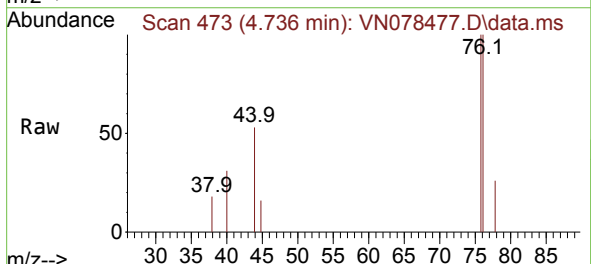
Instrument :
MSVOA_N
ClientSampleId :
IBLK

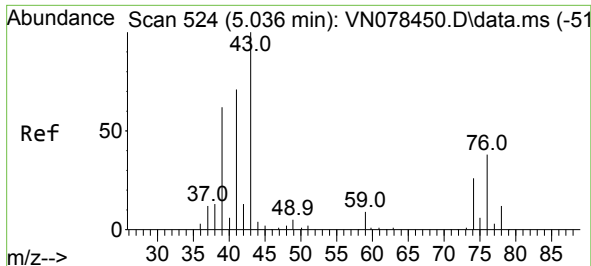
Tgt Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.429 ug/l
RT: 4.736 min Scan# 473
Delta R.T. 0.018 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 76 Resp: 5484
Ion Ratio Lower Upper
76 100
78 13.2 7.4 11.0#





#18

Methyl Acetate

Concen: 0.225 ug/l

RT: 5.041 min Scan# 51

Delta R.T. 0.005 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

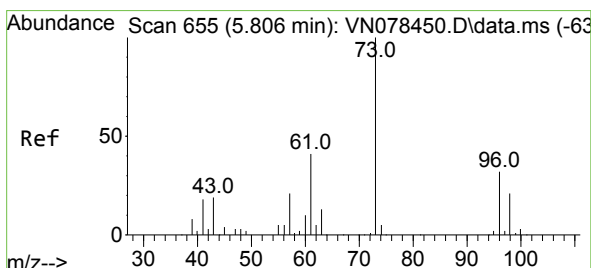
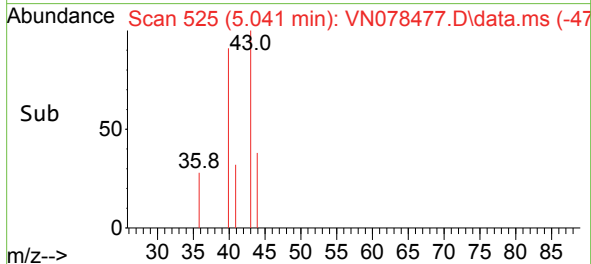
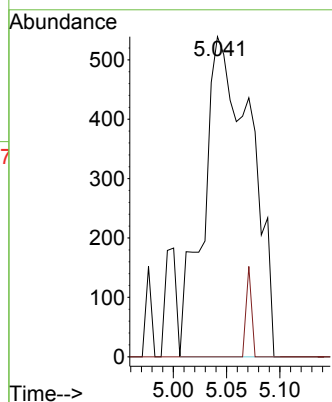
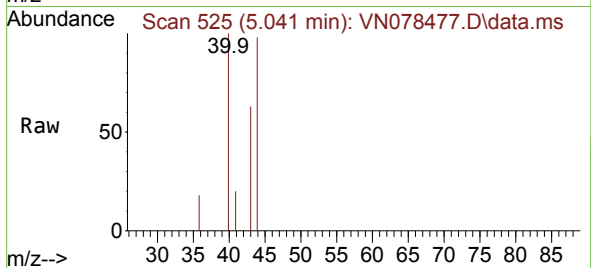
IBLK

Tgt Ion: 43 Resp: 1666

Ion Ratio Lower Upper

43 100

74 0.0 26.2 39.4#



#19

Methyl tert-butyl Ether

Concen: 0.004 ug/l

RT: 5.824 min Scan# 658

Delta R.T. 0.018 min

Lab File: VN078477.D

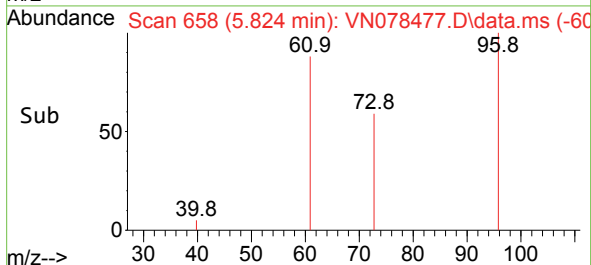
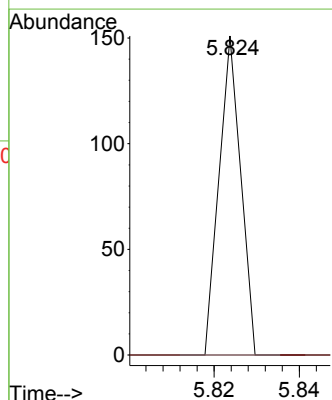
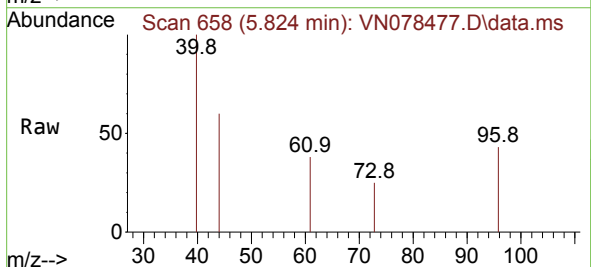
Acq: 12 Jul 2023 13:04

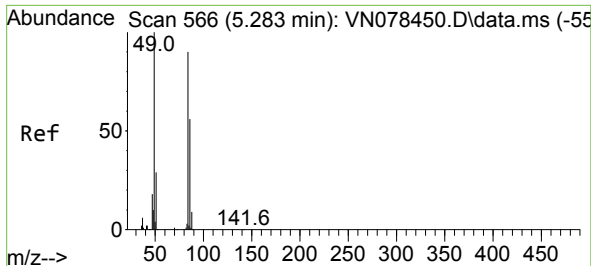
Tgt Ion: 73 Resp: 53

Ion Ratio Lower Upper

73 100

57 0.0 15.6 23.4#

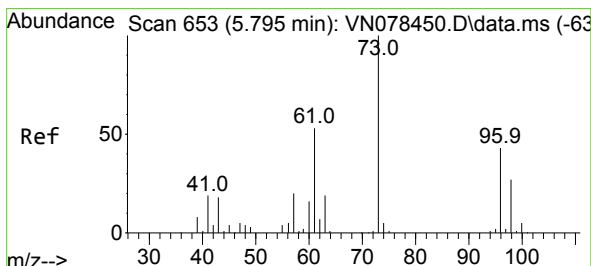
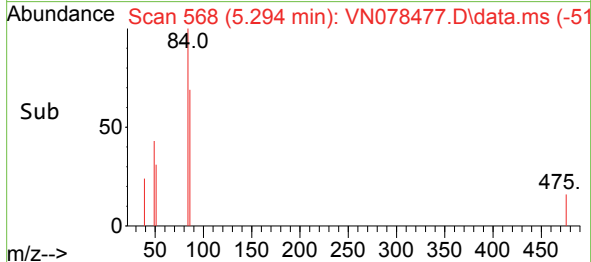
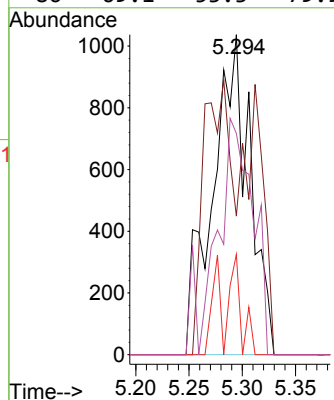
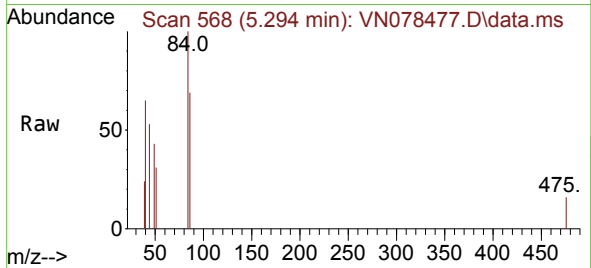




#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 568
Delta R.T. 0.011 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

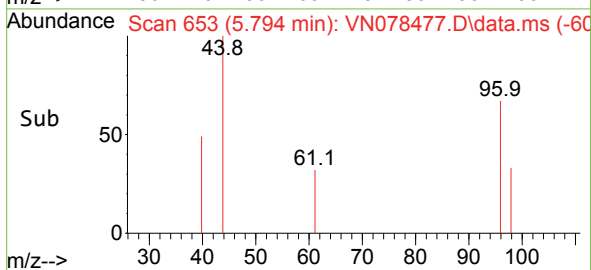
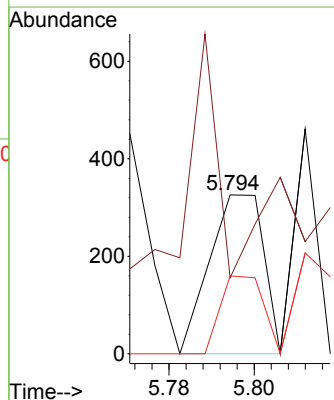
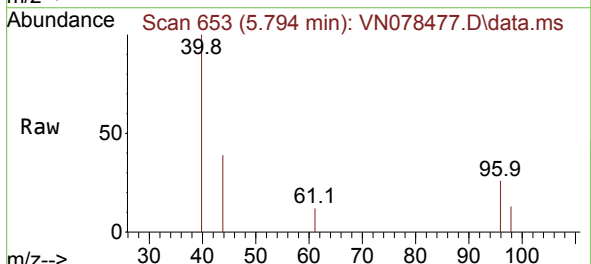
Instrument :
MSVOA_N
ClientSampleId :
IBLK

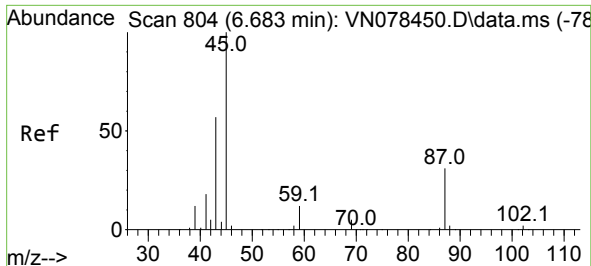
Tgt Ion:	84	Resp:	2523
Ion	Ratio	Lower	Upper
84	100		
49	43.3	79.7	119.5#
51	31.3	25.2	37.8
86	69.1	53.3	79.9



#21
trans-1,2-Dichloroethene
Concen: 0.058 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.001 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion:	96	Resp:	287
Ion	Ratio	Lower	Upper
96	100		
61	0.0	90.1	135.1#
98	49.1	46.4	69.6

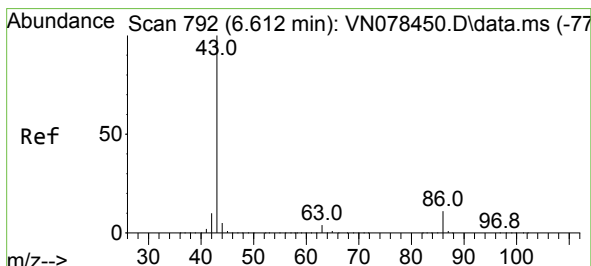
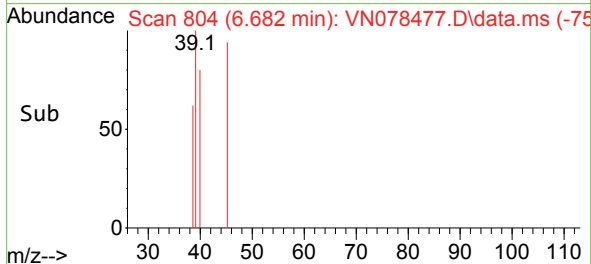
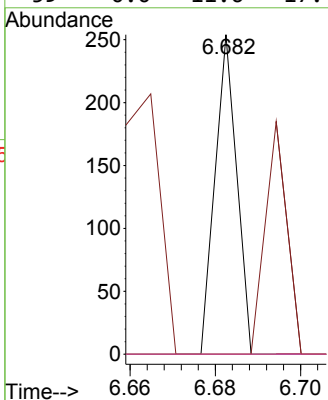
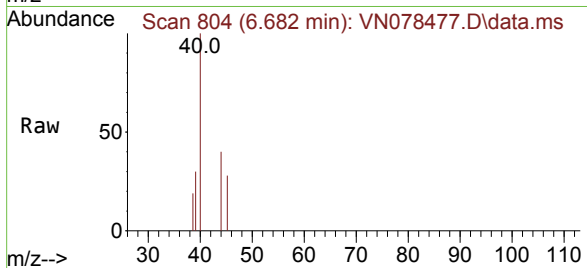




#22
Diisopropyl ether
Concen: 0.007 ug/l
RT: 6.682 min Scan# 804
Delta R.T. -0.001 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

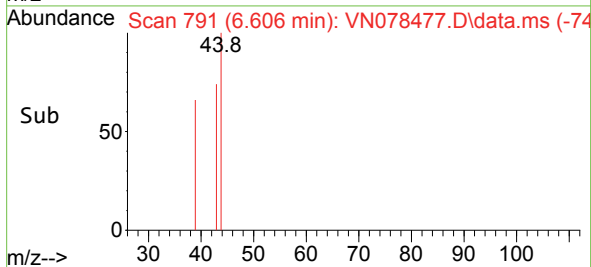
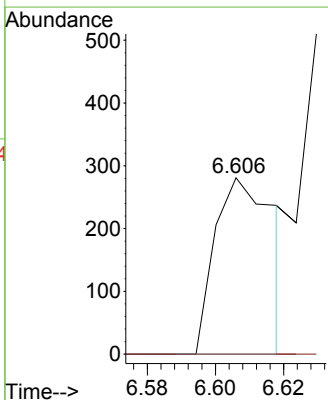
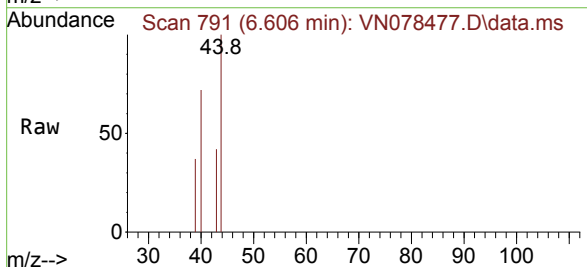
Instrument :
MSVOA_N
ClientSampleId :
IBLK

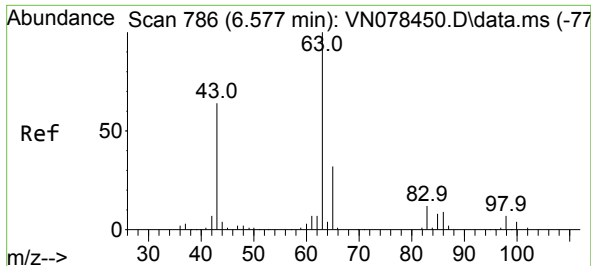
Tgt Ion:	45	Resp:	90
Ion	Ratio	Lower	Upper
45	100		
43	0.0	45.5	68.3#
87	0.0	31.8	47.8#
59	0.0	11.6	17.4#



#23
Vinyl Acetate
Concen: 0.040 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion:	43	Resp:	340
Ion	Ratio	Lower	Upper
43	100		
86	0.0	13.0	19.6#

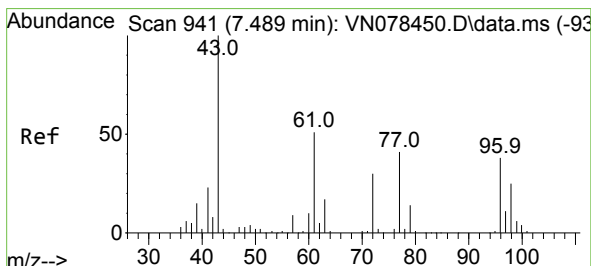
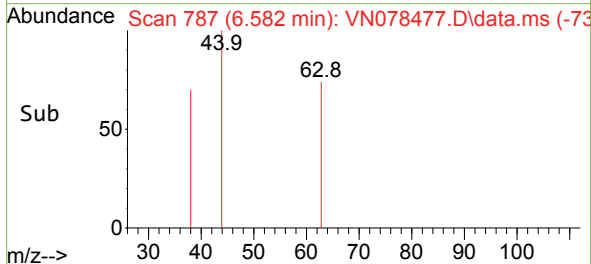
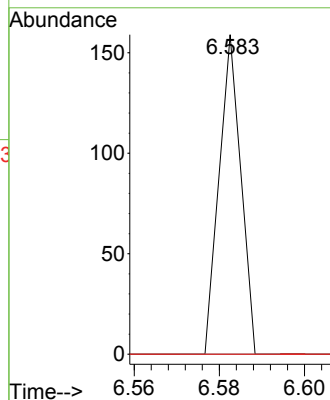
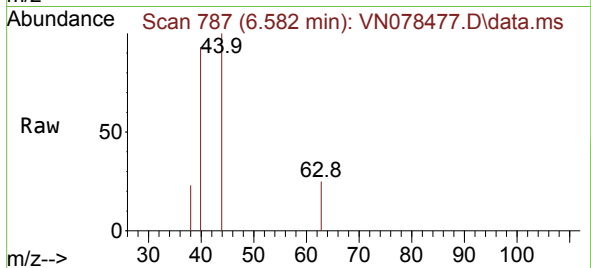




#24
1,1-Dichloroethane
Concen: 0.006 ug/l
RT: 6.582 min Scan# 786
Delta R.T. 0.005 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

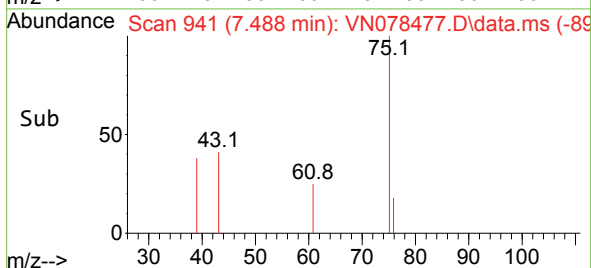
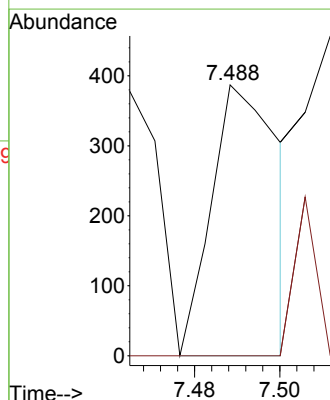
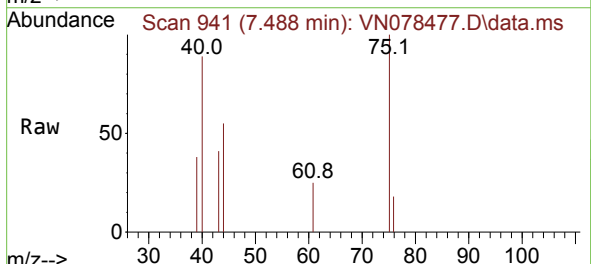
Instrument :
MSVOA_N
ClientSampleId :
IBLK

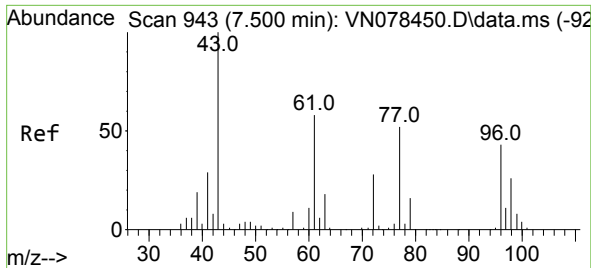
Tgt Ion: 63 Resp: 56
Ion Ratio Lower Upper
63 100
98 0.0 3.9 11.7#
100 0.0 2.5 7.4#



#25
2-Butanone
Concen: 0.154 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.001 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 43 Resp: 425
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#

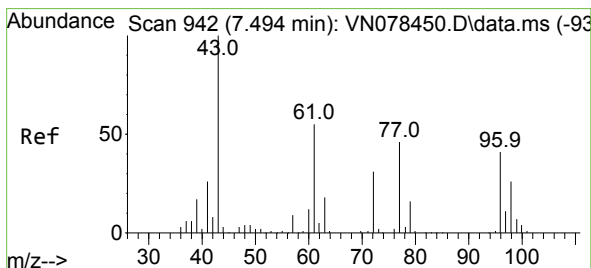
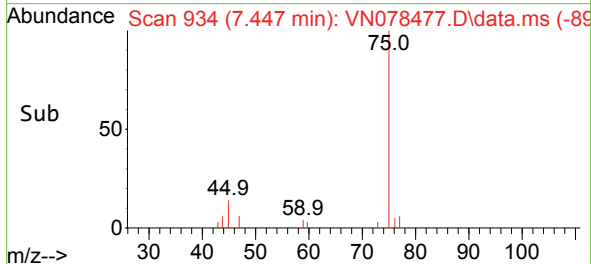
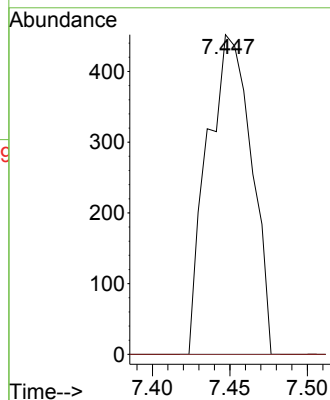
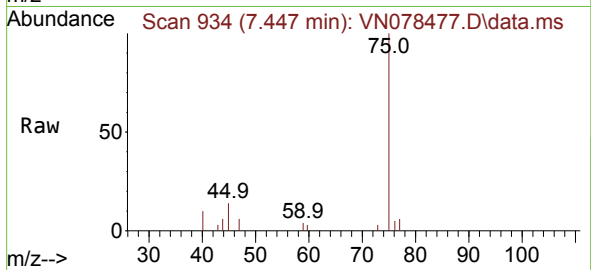




#26
2,2-Dichloropropane
Concen: 0.120 ug/l
RT: 7.447 min Scan# 91
Delta R.T. -0.053 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

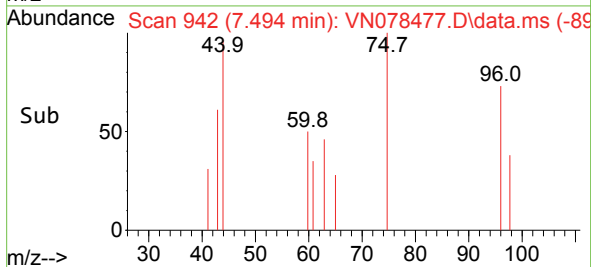
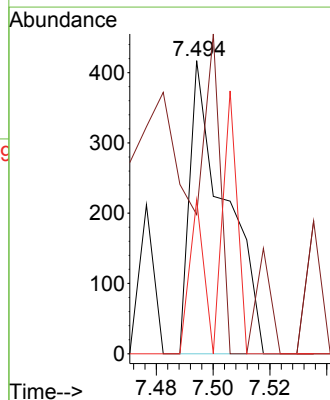
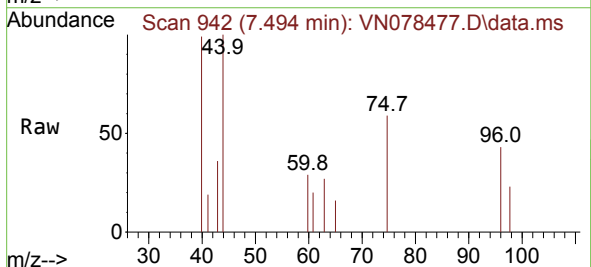
Instrument :
MSVOA_N
ClientSampleId :
IBLK

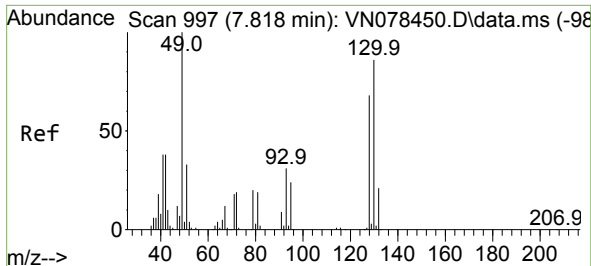
Tgt Ion: 77 Resp: 895
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



#27
cis-1,2-Dichloroethene
Concen: 0.063 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 96 Resp: 360
Ion Ratio Lower Upper
96 100
61 182.5 0.0 255.2
98 58.1 0.0 128.8

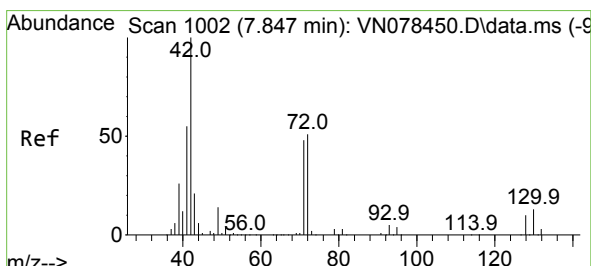
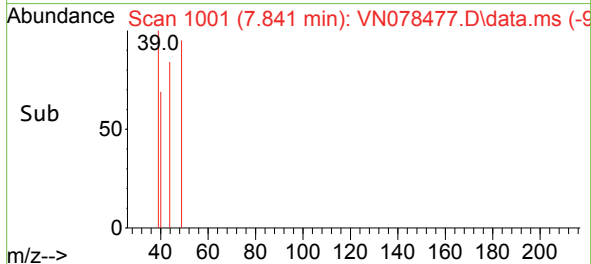
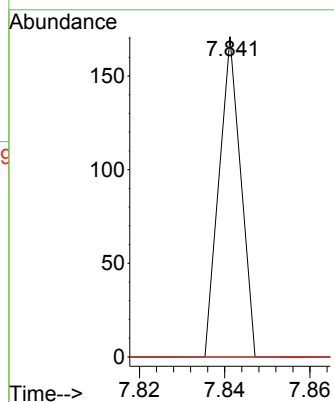
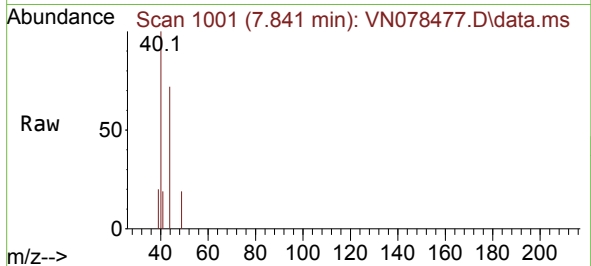




#28
Bromochloromethane
Concen: 0.014 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.023 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

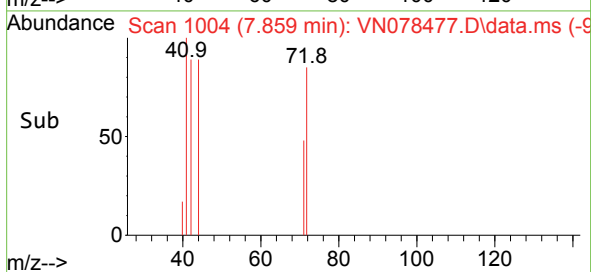
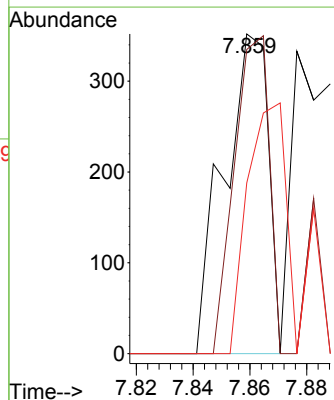
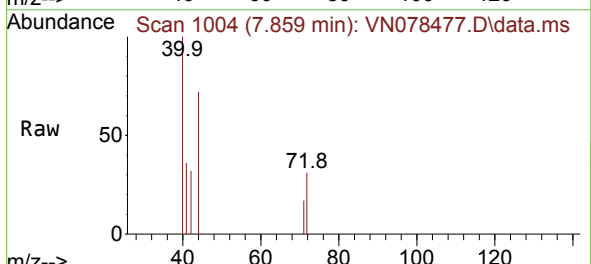
Instrument :
MSVOA_N
ClientSampleId :
IBLK

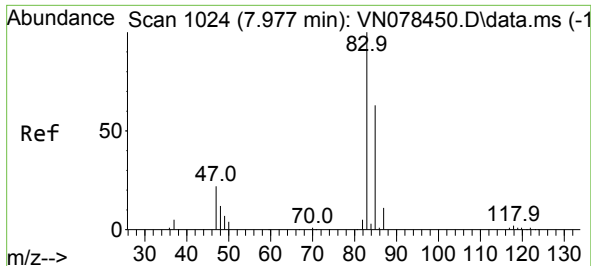
Tgt Ion: 49 Resp: 60
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 0.0 75.3 112.9#



#29
Tetrahydrofuran
Concen: 0.212 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 42 Resp: 382
Ion Ratio Lower Upper
42 100
72 78.3 49.8 74.6#
71 0.0 47.4 71.2#

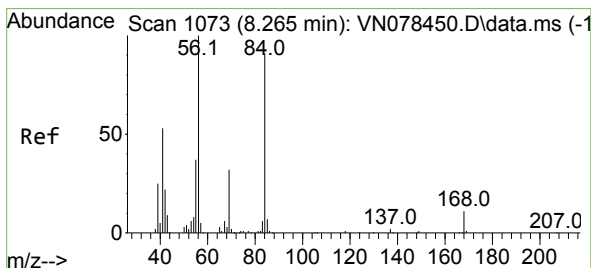
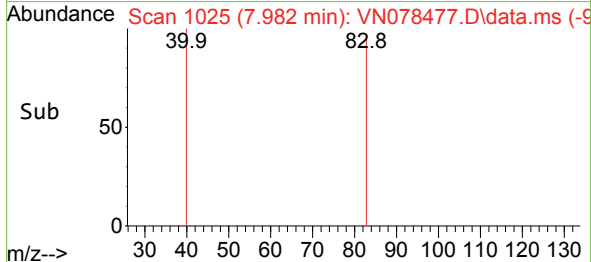
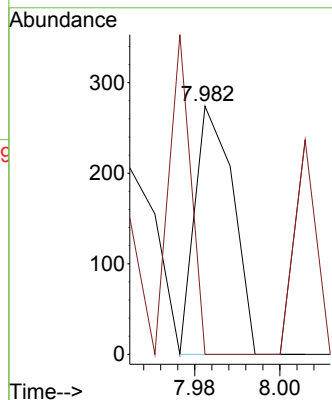
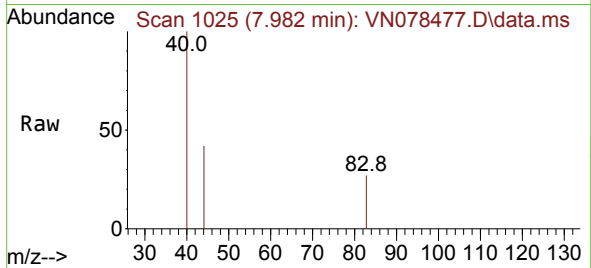




#30
Chloroform
Concen: 0.018 ug/l
RT: 7.982 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

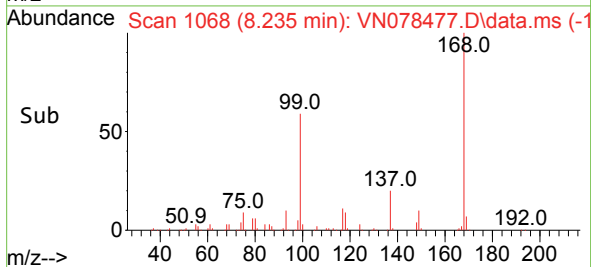
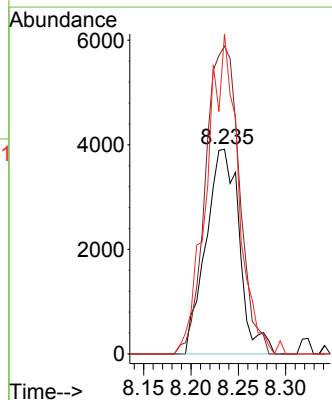
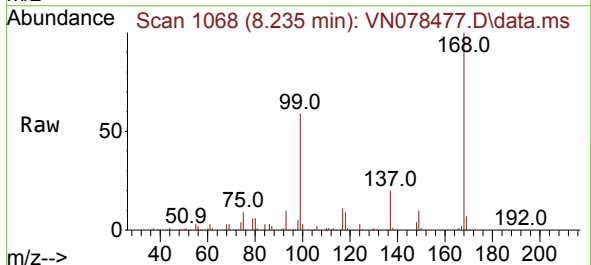
Instrument :
MSVOA_N
ClientSampleId :
IBLK

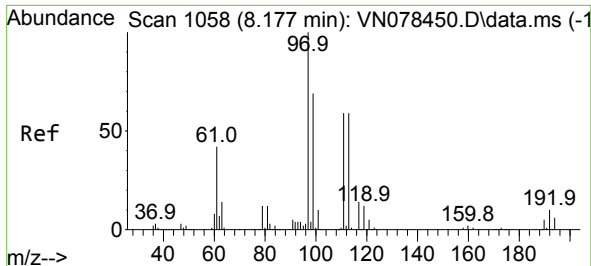
Tgt Ion: 83 Resp: 170
Ion Ratio Lower Upper
83 100
85 0.0 55.4 83.0#



#31
Cyclohexane
Concen: 1.269 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 56 Resp: 9624
Ion Ratio Lower Upper
56 100
69 150.3 26.8 40.2#
84 152.4 81.8 122.6#

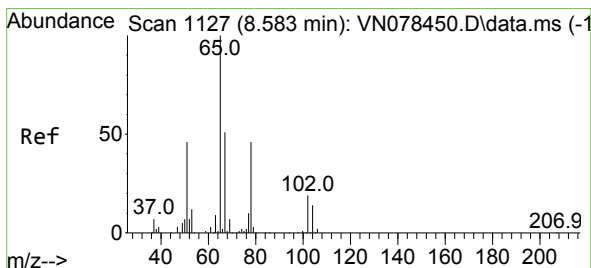
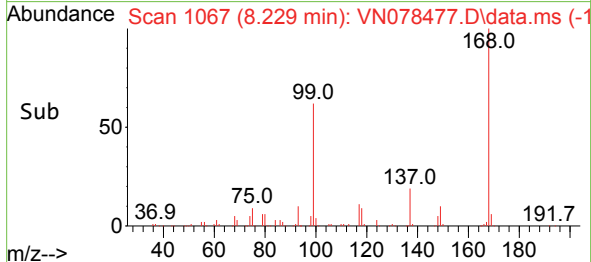
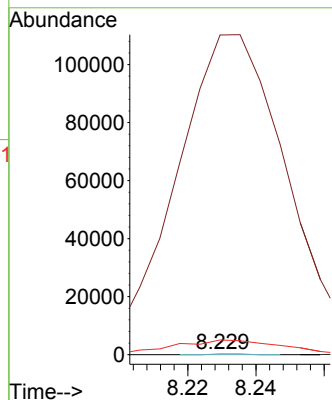
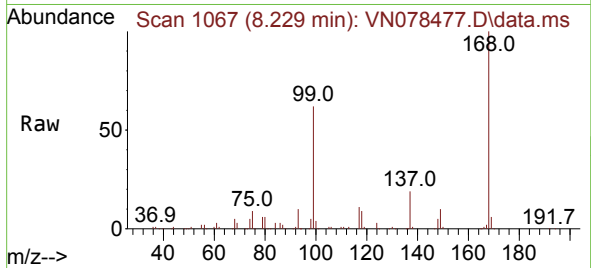




#32
1,1,1-Trichloroethane
Concen: 0.015 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.052 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

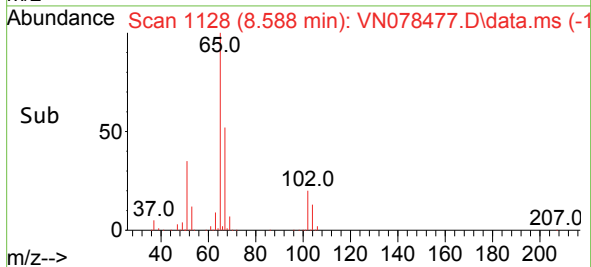
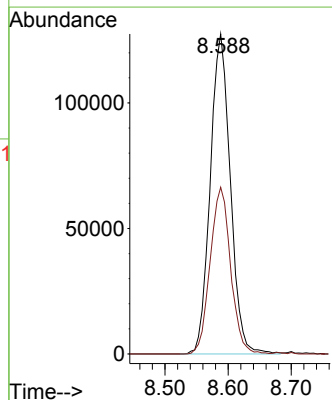
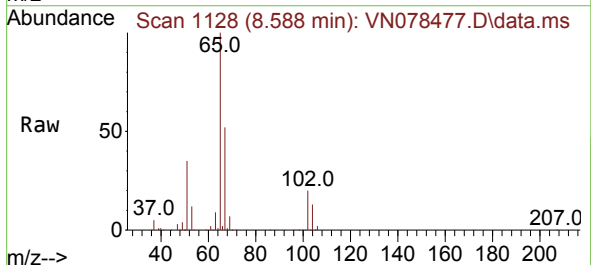
Instrument :
MSVOA_N
ClientSampleId :
IBLK

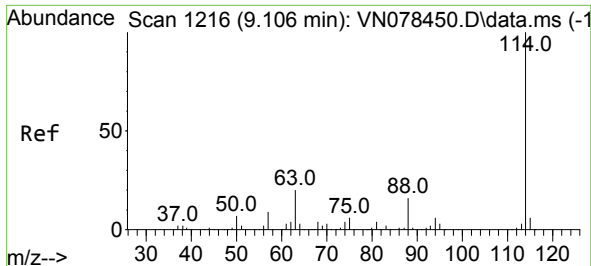
Tgt Ion: 97 Resp: 127
Ion Ratio Lower Upper
97 100
99 199923.6 50.3 75.5#
61 9126.8 34.7 52.1#



#33
1,2-Dichloroethane-d4
Concen: 50.234 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 65 Resp: 281824
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

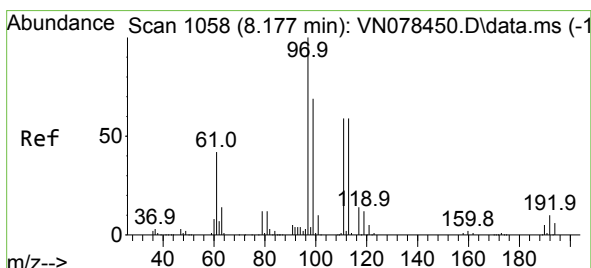
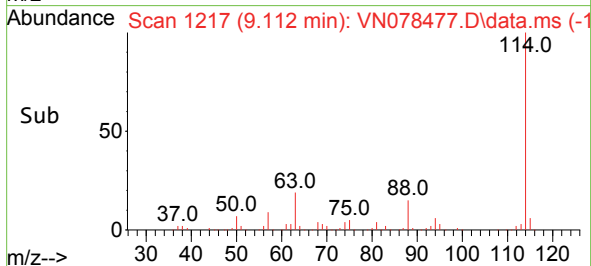
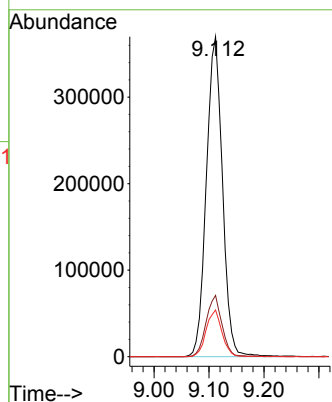
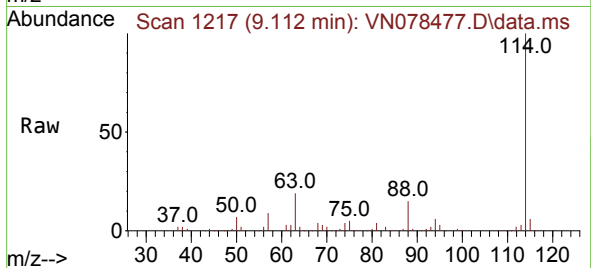
Tgt Ion:114 Resp: 753976

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.237 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

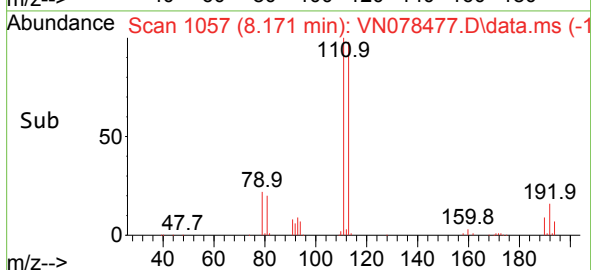
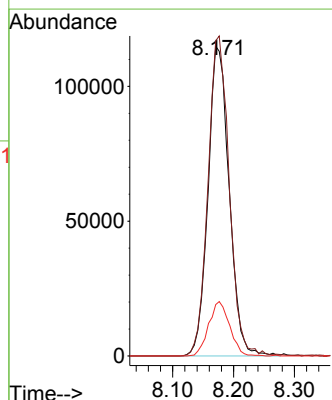
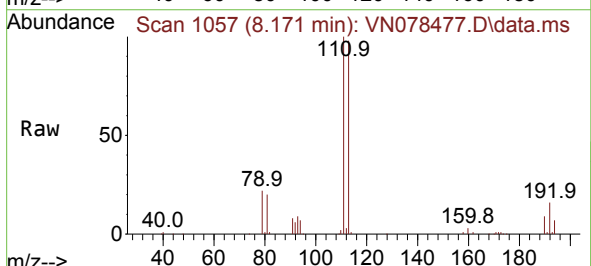
Tgt Ion:113 Resp: 277596

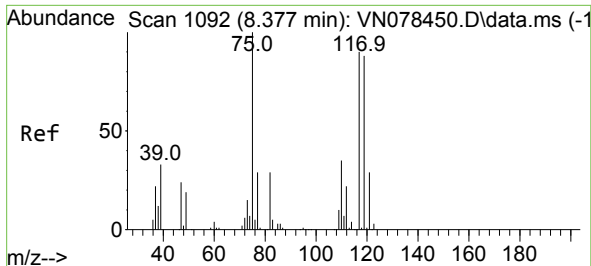
Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 17.5 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.676 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.142 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

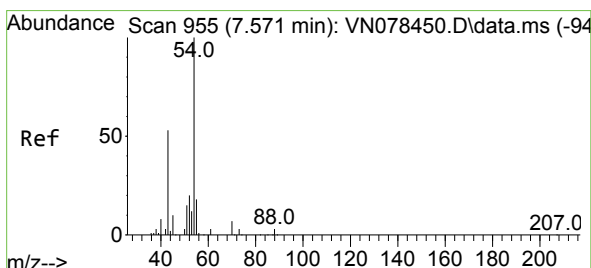
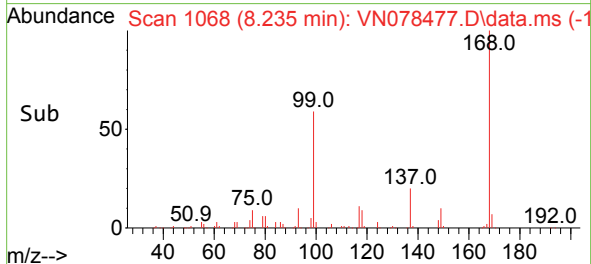
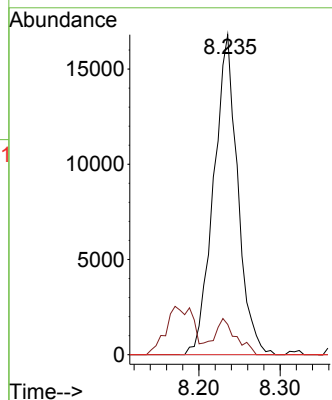
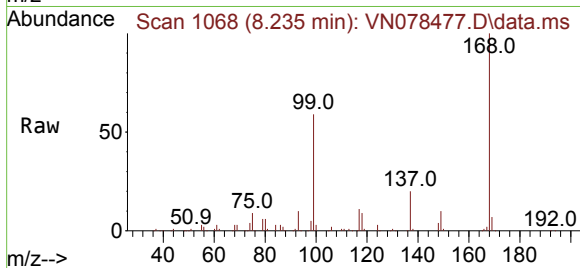
Tgt Ion: 75 Resp: 34555

Ion Ratio Lower Upper

75 100

110 10.0 19.1 57.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 0.010 ug/l

RT: 7.571 min Scan# 955

Delta R.T. -0.000 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

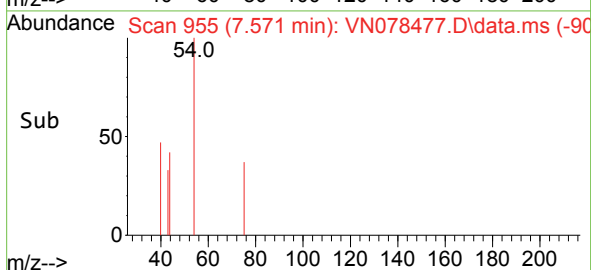
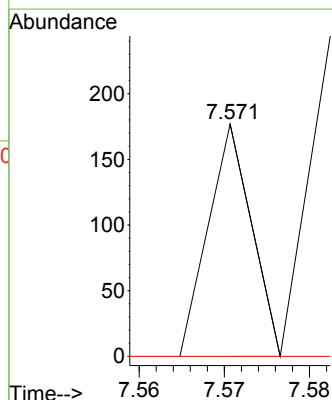
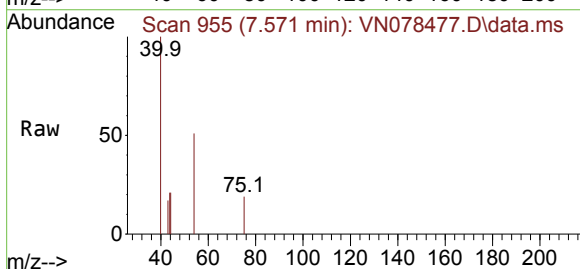
Tgt Ion: 43 Resp: 62

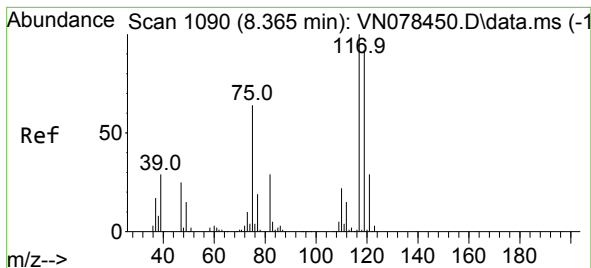
Ion Ratio Lower Upper

43 100

61 0.0 13.2 19.8#

70 0.0 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.661 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.130 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

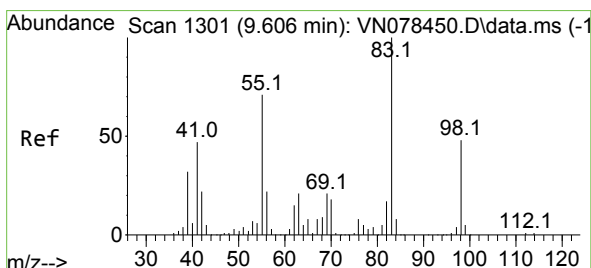
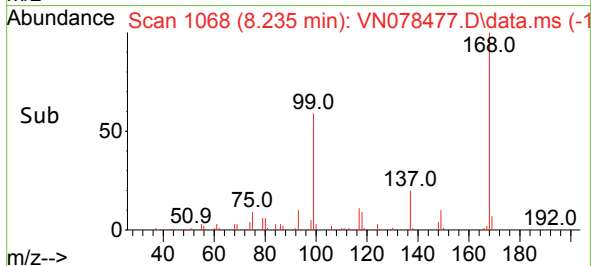
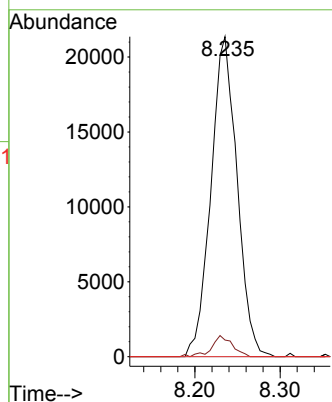
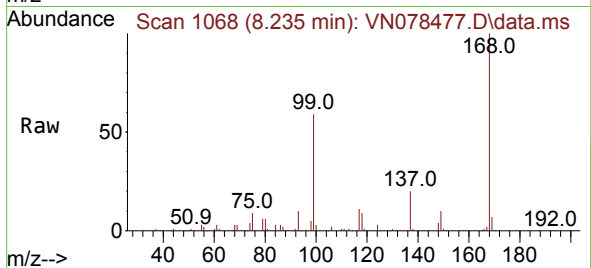
Tgt Ion:117 Resp: 45472

Ion Ratio Lower Upper

117 100

119 5.2 77.3 115.9#

121 0.0 23.3 34.9#



#39

Methylcyclohexane

Concen: 0.129 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

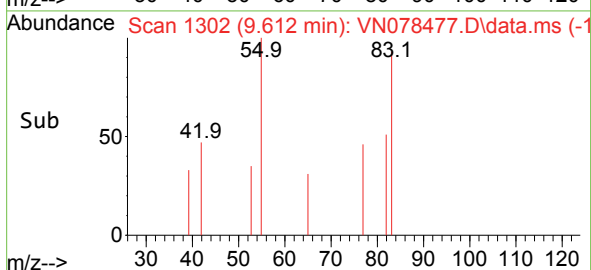
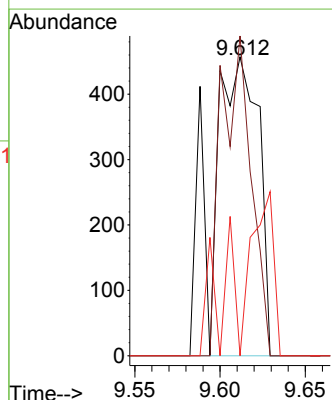
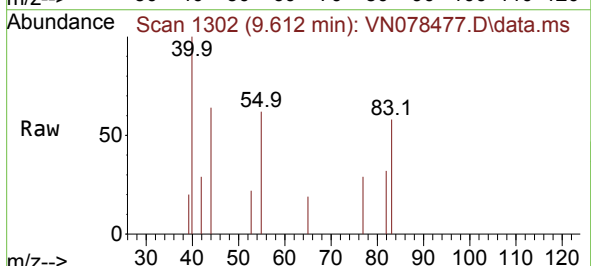
Tgt Ion: 83 Resp: 867

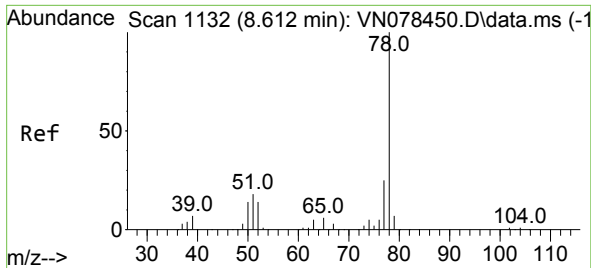
Ion Ratio Lower Upper

83 100

55 107.0 49.1 73.7#

98 0.0 40.6 61.0#

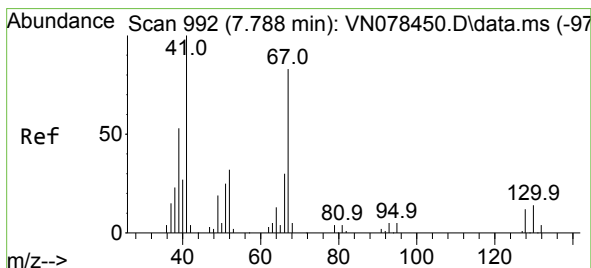
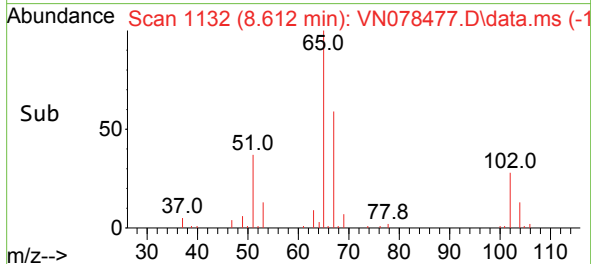
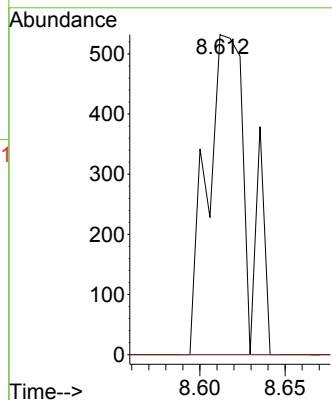
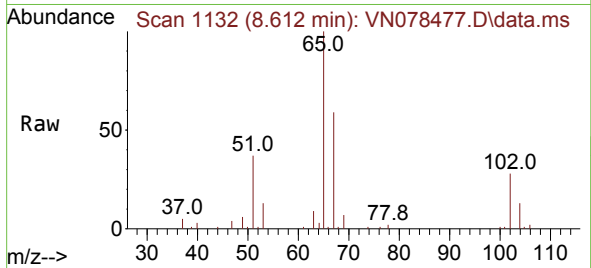




#40
Benzene
Concen: 0.040 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

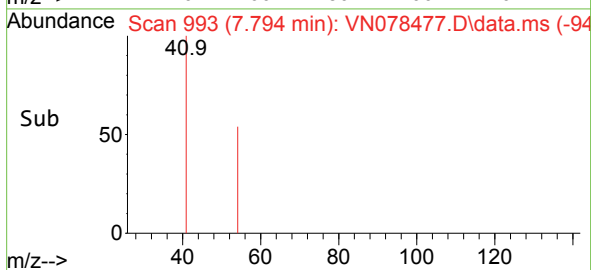
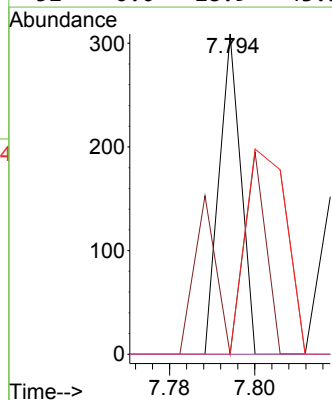
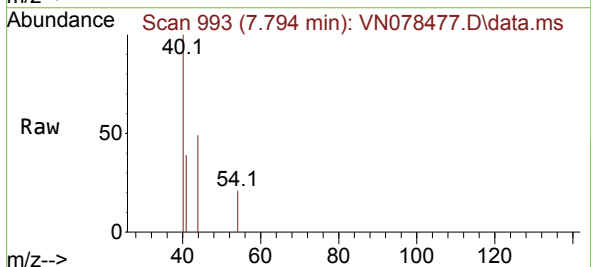
Instrument :
MSVOA_N
ClientSampleId :
IBLK

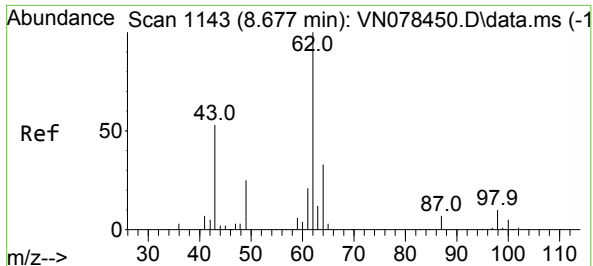
Tgt Ion: 78 Resp: 883
Ion Ratio Lower Upper
78 100
77 0.0 19.0 28.6#



#41
Methacrylonitrile
Concen: 0.035 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 41 Resp: 109
Ion Ratio Lower Upper
41 100
39 49.5 42.6 64.0
67 122.0 77.5 116.3#
52 0.0 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 0.054 ug/l

RT: 8.659 min Scan# 1140

Delta R.T. -0.018 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

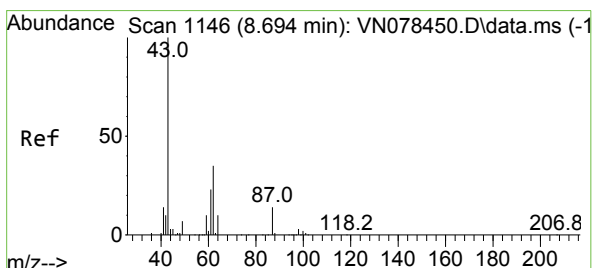
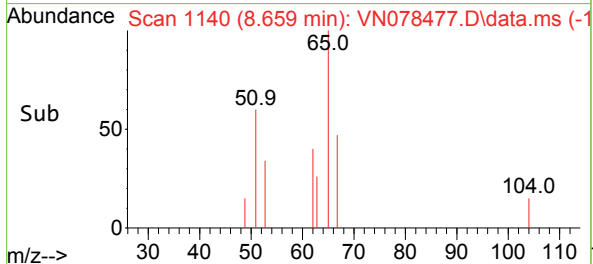
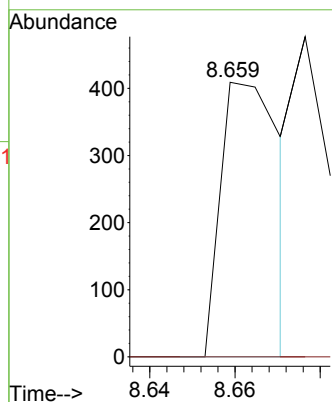
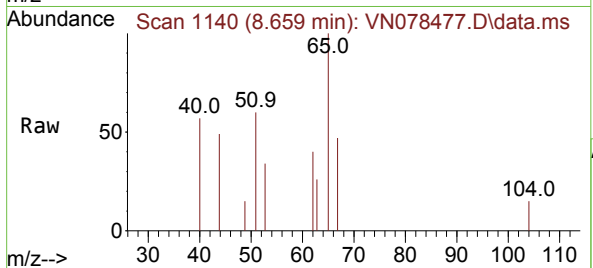
IBLK

Tgt Ion: 62 Resp: 402

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 0.030 ug/l

RT: 8.706 min Scan# 1148

Delta R.T. 0.012 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

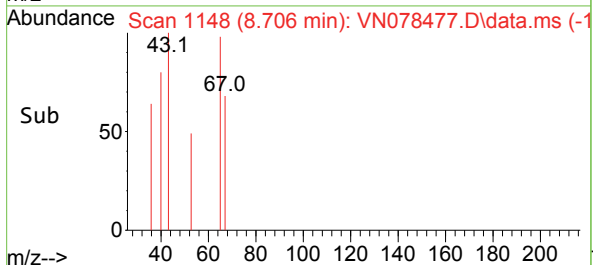
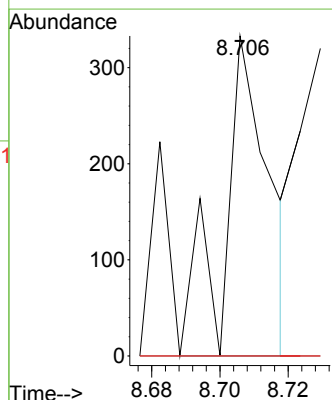
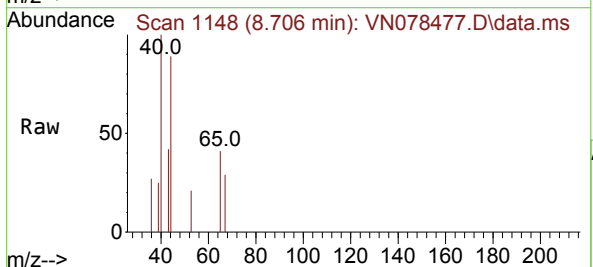
Tgt Ion: 43 Resp: 307

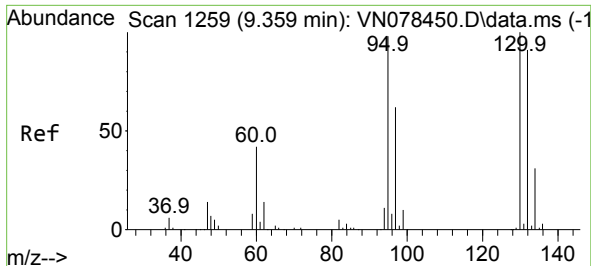
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#

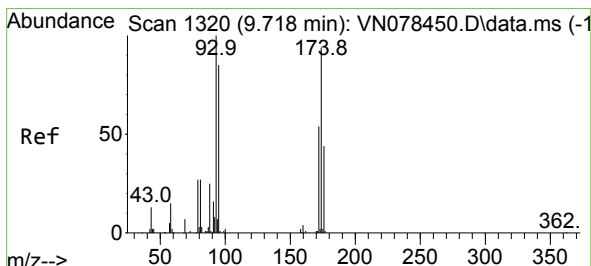
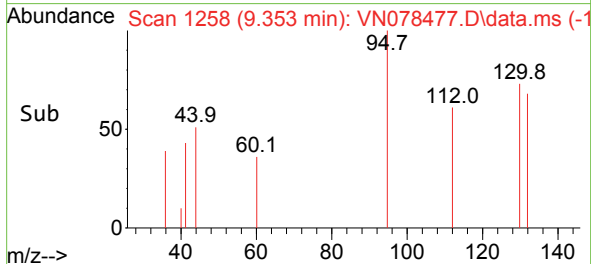
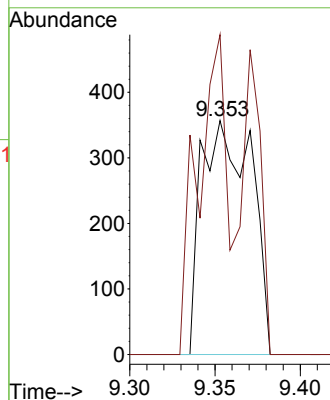
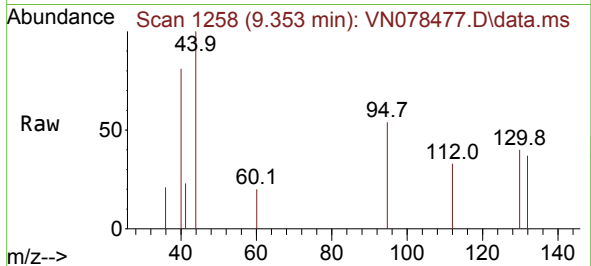




#44
Trichloroethene
Concen: 0.124 ug/l
RT: 9.353 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

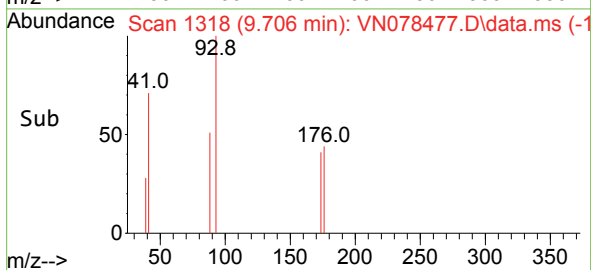
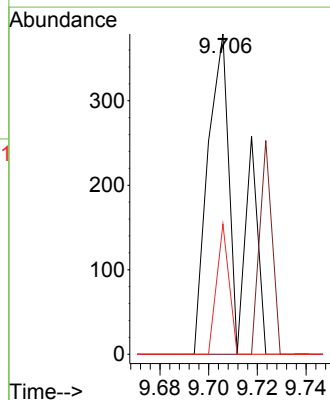
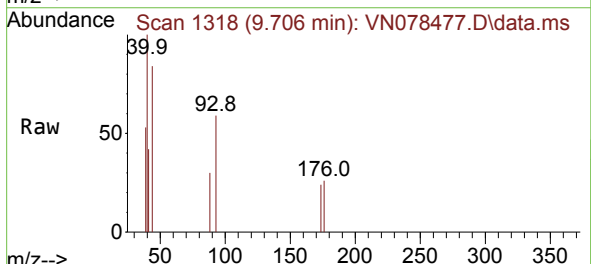
Instrument :
MSVOA_N
ClientSampleId :
IBLK

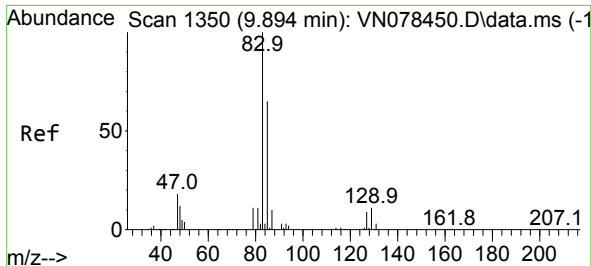
Tgt Ion:130 Resp: 733
Ion Ratio Lower Upper
130 100
95 136.7 0.0 204.6



#46
Dibromomethane
Concen: 0.080 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.012 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 93 Resp: 314
Ion Ratio Lower Upper
93 100
95 28.3 63.8 95.8#
174 17.2 65.6 98.4#

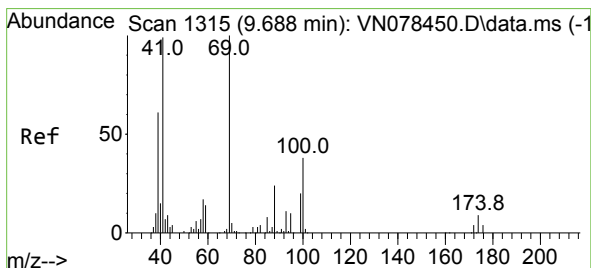
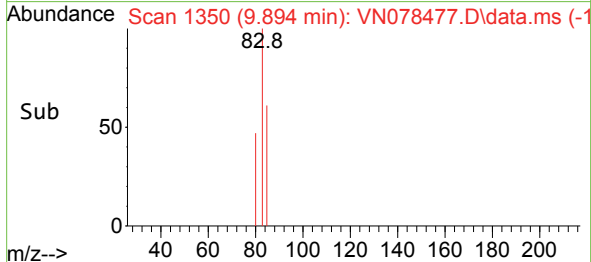
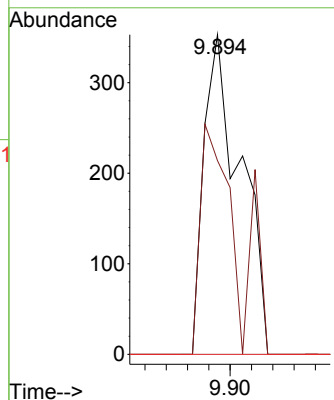
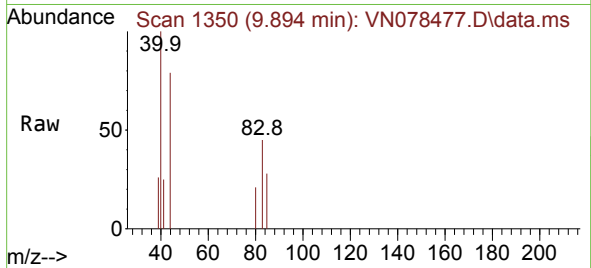




#47
Bromodichloromethane
Concen: 0.054 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

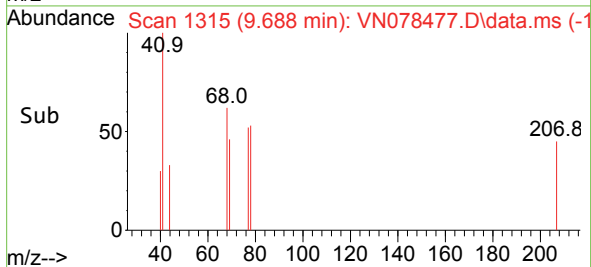
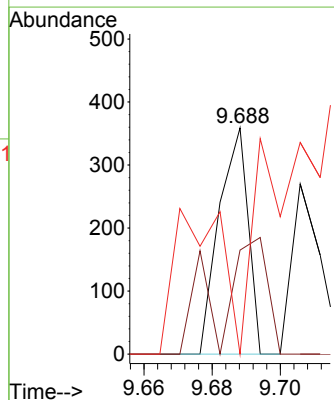
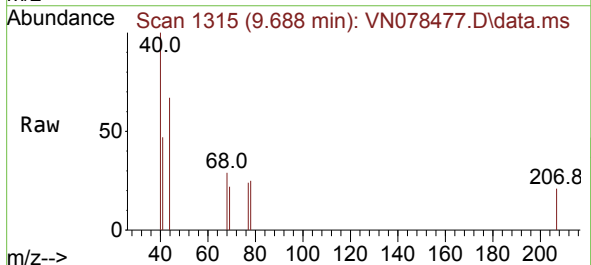
Instrument :
MSVOA_N
ClientSampleId :
IBLK

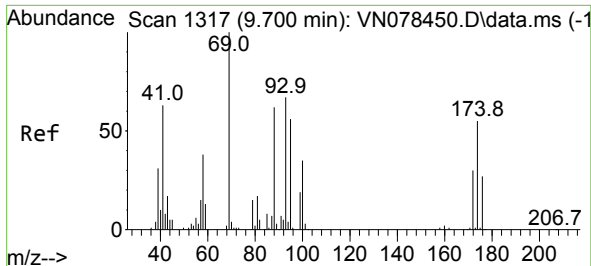
Tgt Ion: 83 Resp: 422
Ion Ratio Lower Upper
83 100
85 60.6 49.6 74.4
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 0.045 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 41 Resp: 212
Ion Ratio Lower Upper
41 100
69 85.4 90.4 135.6#
39 0.0 54.6 81.8#





#49

1,4-Dioxane

Concen: 1.259 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

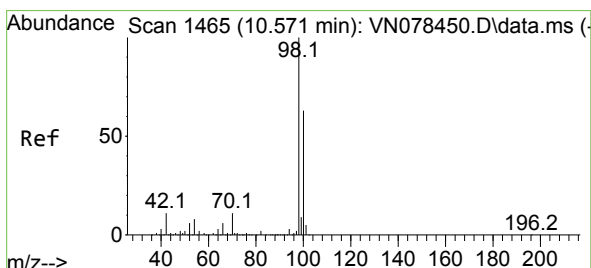
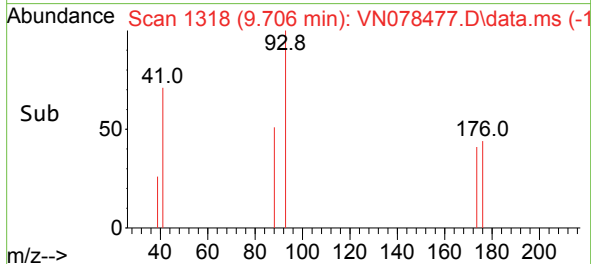
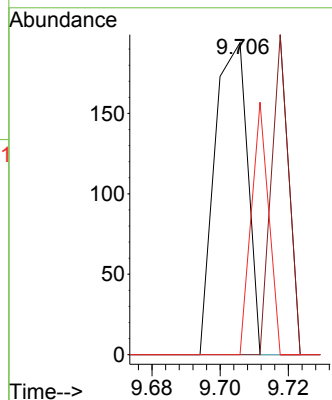
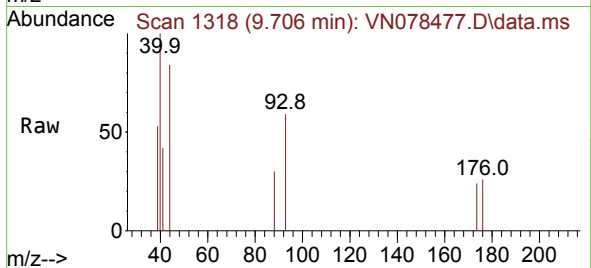
Tgt Ion: 88 Resp: 129

Ion Ratio Lower Upper

88 100

43 54.3 17.0 25.6#

58 42.6 47.0 70.4#



#50

Toluene-d8

Concen: 44.938 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN078477.D

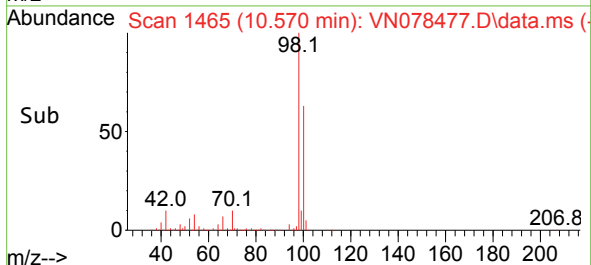
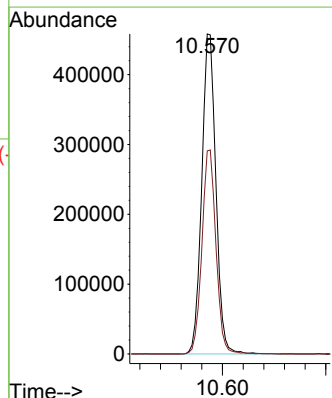
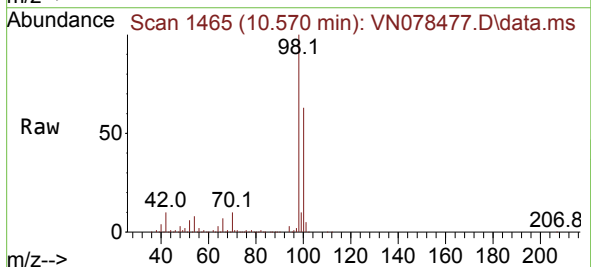
Acq: 12 Jul 2023 13:04

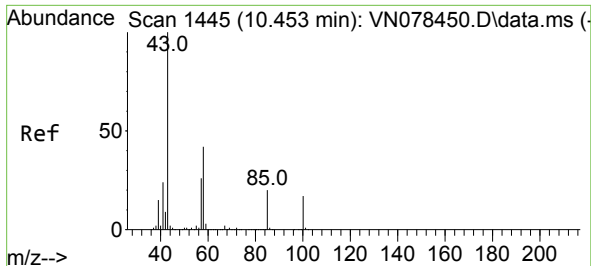
Tgt Ion: 98 Resp: 868873

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0

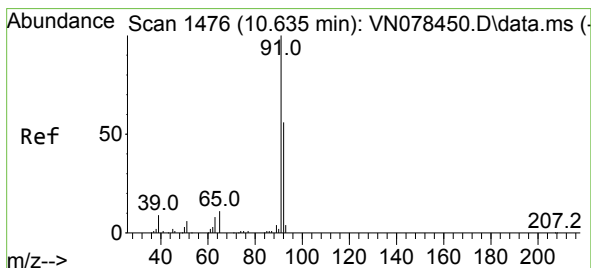
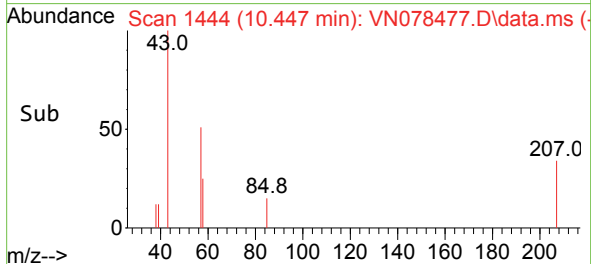
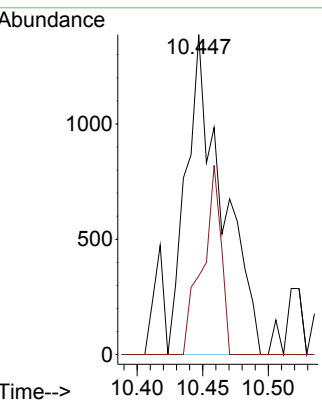
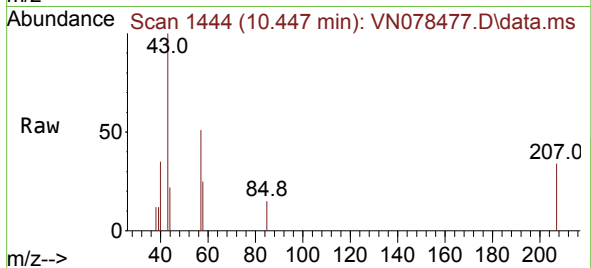




#51
4-Methyl-2-Pentanone
Concen: 0.439 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

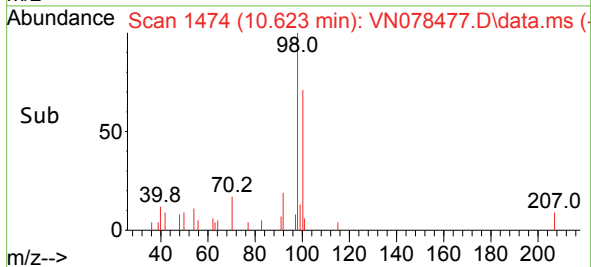
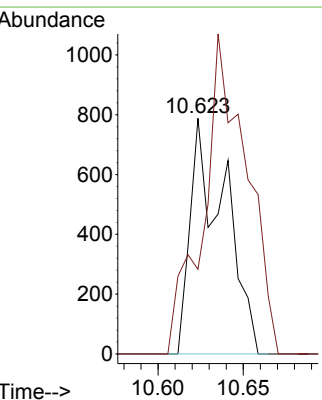
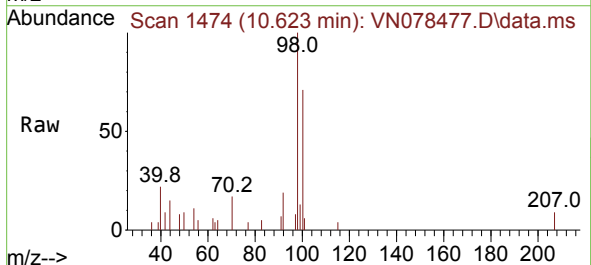
Instrument :
MSVOA_N
ClientSampleId :
IBLK

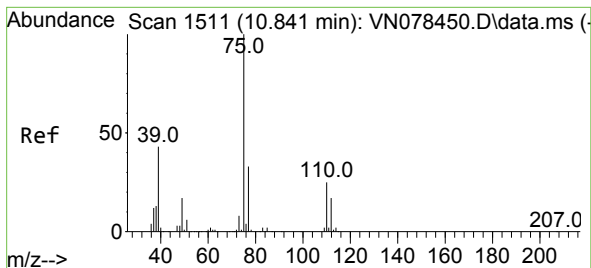
Tgt Ion: 43 Resp: 2651
Ion Ratio Lower Upper
43 100
58 30.7 36.6 54.8#



#52
Toluene
Concen: 0.081 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.012 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 92 Resp: 1103
Ion Ratio Lower Upper
92 100
91 170.5 137.4 206.0

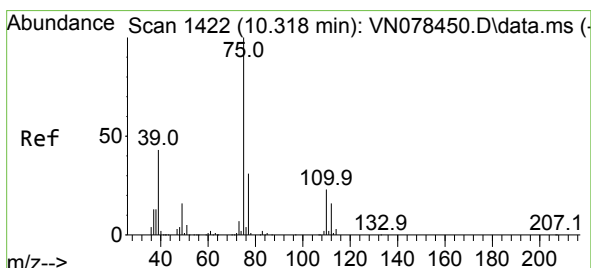
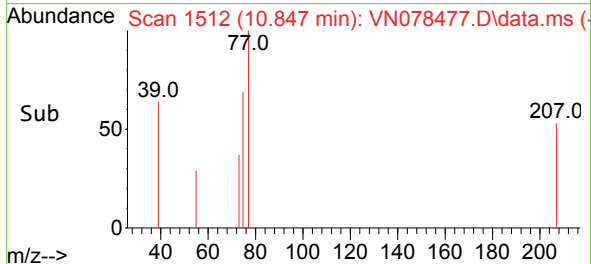
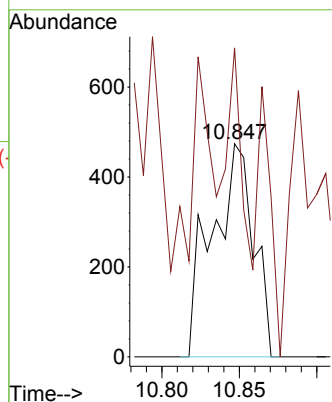
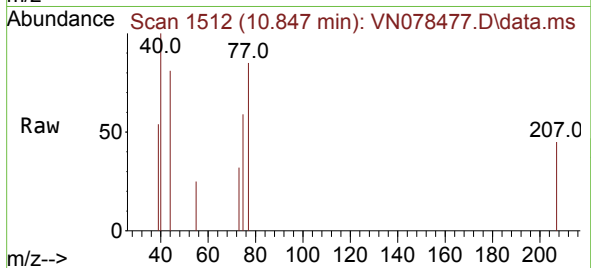




#53
 t-1,3-Dichloropropene
 Concen: 0.110 ug/l
 RT: 10.847 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN078477.D
 Acq: 12 Jul 2023 13:04

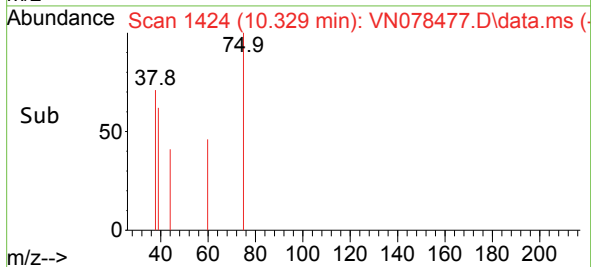
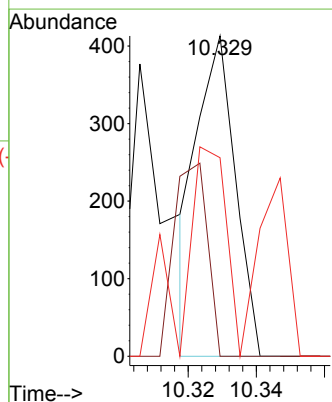
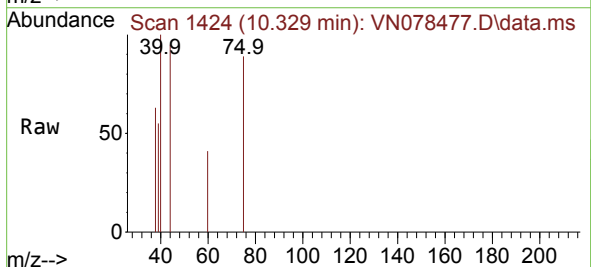
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

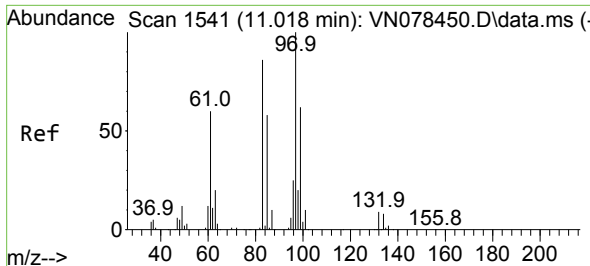
Tgt Ion: 75 Resp: 881
 Ion Ratio Lower Upper
 75 100
 77 144.9 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 0.037 ug/l
 RT: 10.329 min Scan# 1424
 Delta R.T. 0.011 min
 Lab File: VN078477.D
 Acq: 12 Jul 2023 13:04

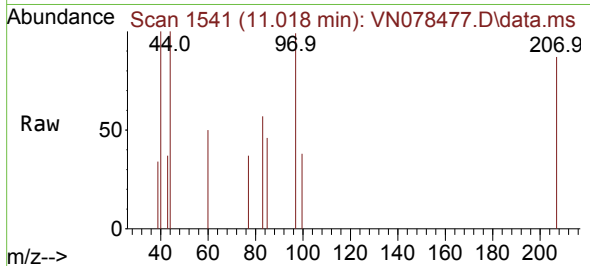
Tgt Ion: 75 Resp: 318
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.1 39.1#
 39 62.0 31.6 47.4#



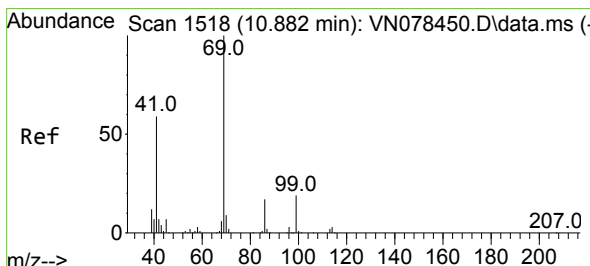
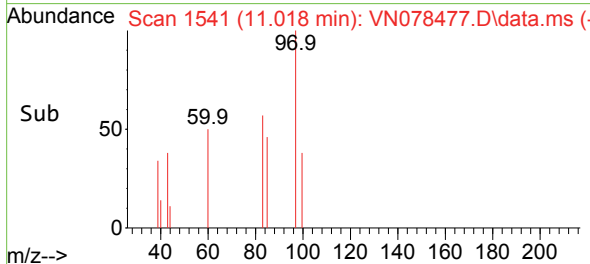
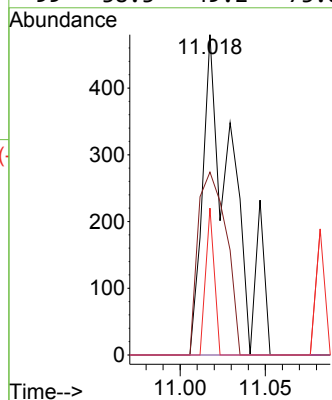


#55
1,1,2-Trichloroethane
Concen: 0.110 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.001 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Instrument : MSVOA_N
ClientSampleId : IBLK

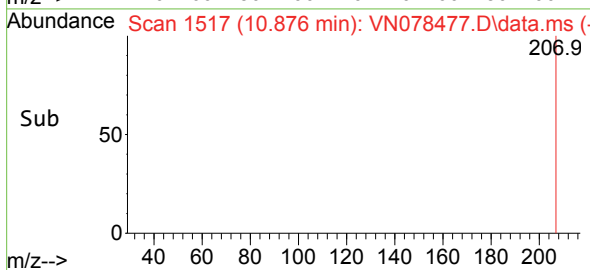
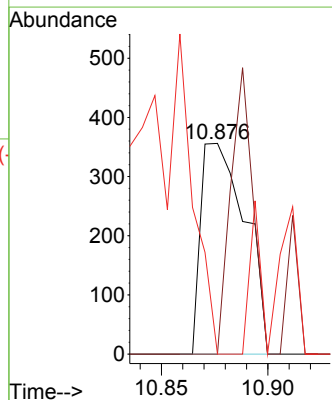
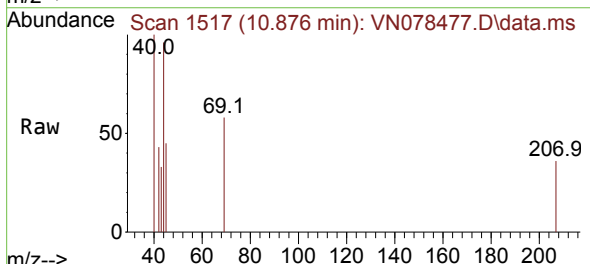


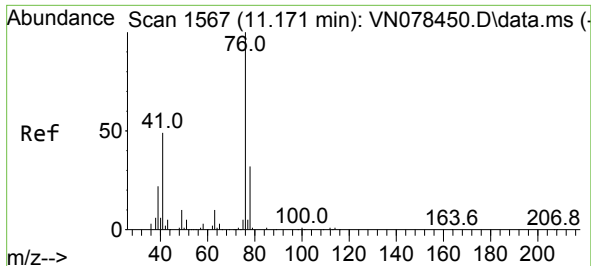
Tgt Ion: 97 Resp: 590
Ion Ratio Lower Upper
97 100
83 57.1 65.1 97.7#
85 45.8 43.4 65.2
99 38.3 49.2 73.8#



#56
Ethyl methacrylate
Concen: 0.069 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 69 Resp: 516
Ion Ratio Lower Upper
69 100
41 67.2 39.6 59.4#
39 17.6 28.6 43.0#

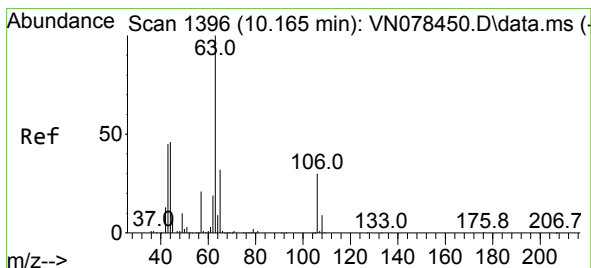
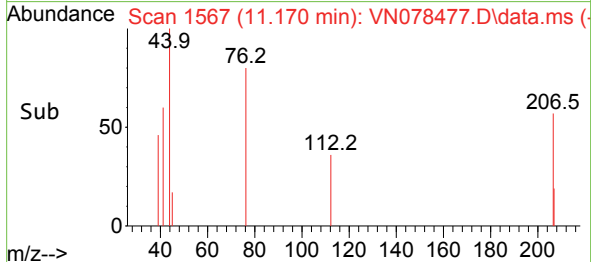
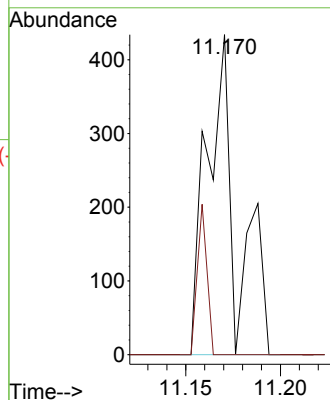
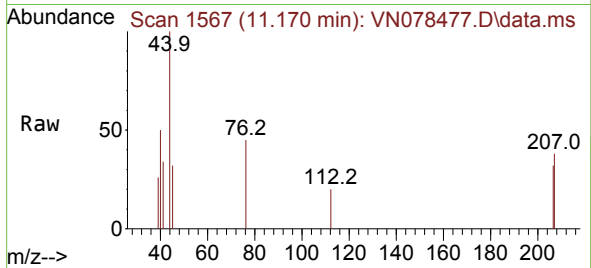




#57
1,3-Dichloropropane
Concen: 0.052 ug/l
RT: 11.170 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

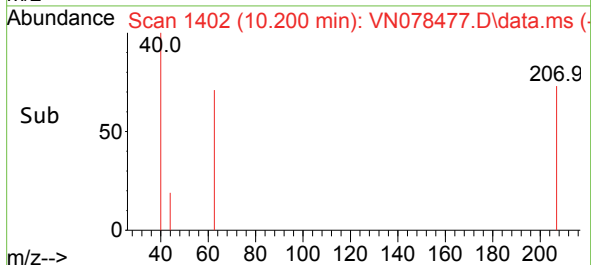
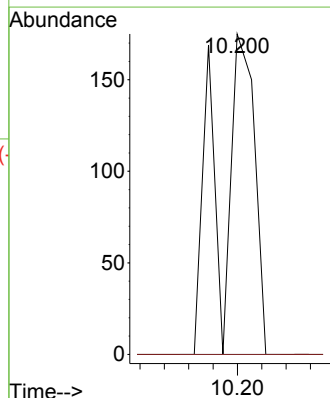
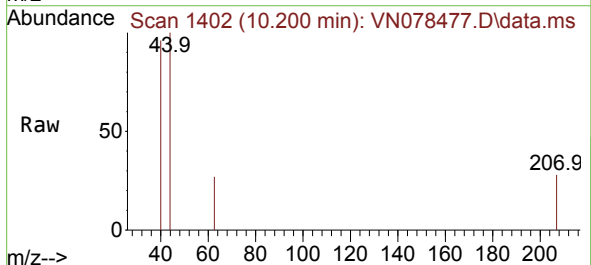
Instrument :
MSVOA_N
ClientSampleId :
IBLK

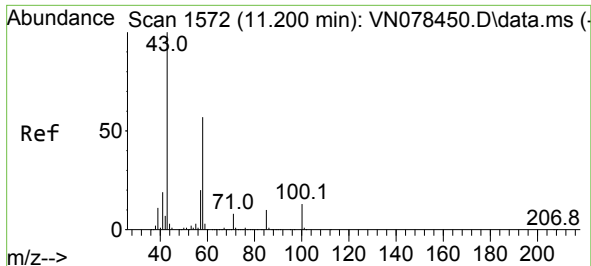
Tgt Ion: 76 Resp: 474
Ion Ratio Lower Upper
76 100
78 15.2 26.1 39.1#



#58
2-Chloroethyl Vinyl ether
Concen: 0.065 ug/l
RT: 10.200 min Scan# 1402
Delta R.T. 0.035 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 63 Resp: 174
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#

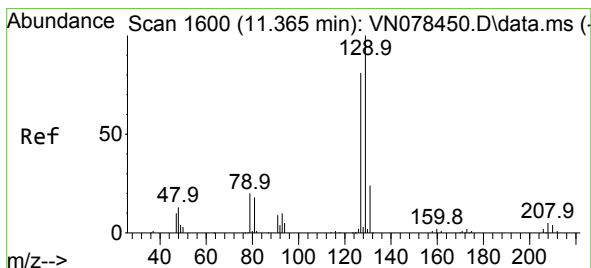
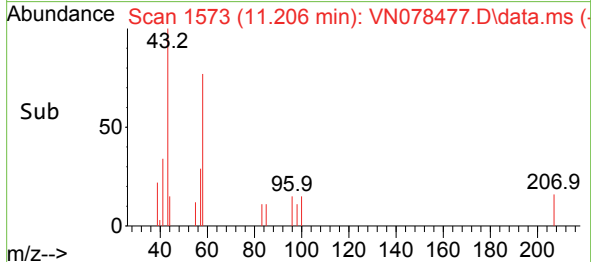
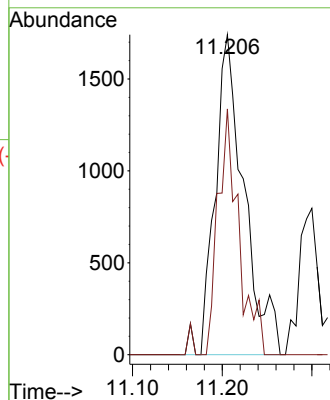
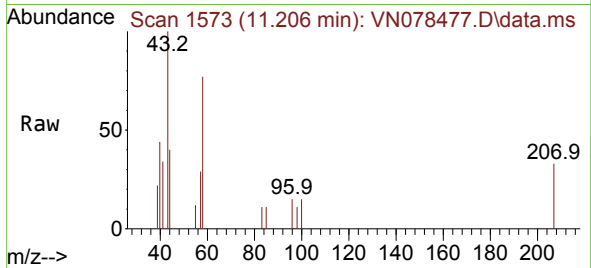




#59
2-Hexanone
Concen: 0.909 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

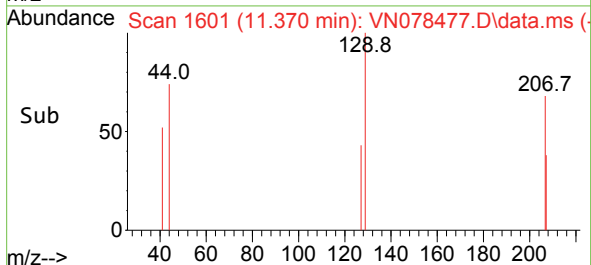
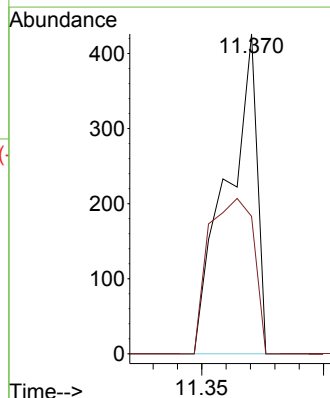
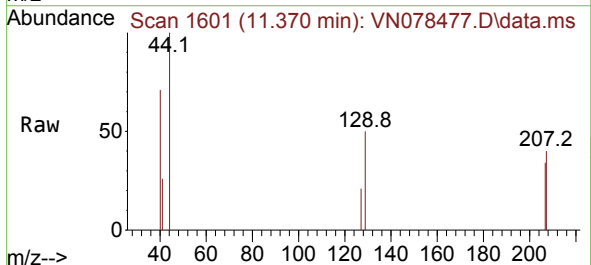
Instrument :
MSVOA_N
ClientSampleId :
IBLK

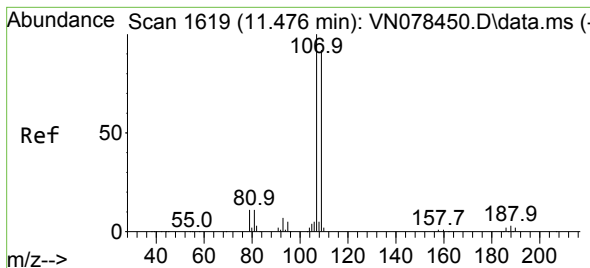
Tgt Ion: 43 Resp: 3899
Ion Ratio Lower Upper
43 100
58 55.1 31.7 95.1



#60
Dibromochloromethane
Concen: 0.062 ug/l
RT: 11.370 min Scan# 1601
Delta R.T. 0.005 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 129 Resp: 365
Ion Ratio Lower Upper
129 100
127 72.6 38.6 116.0

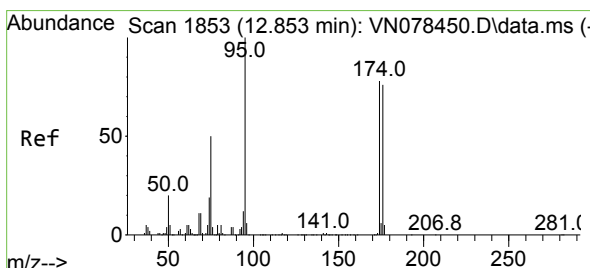
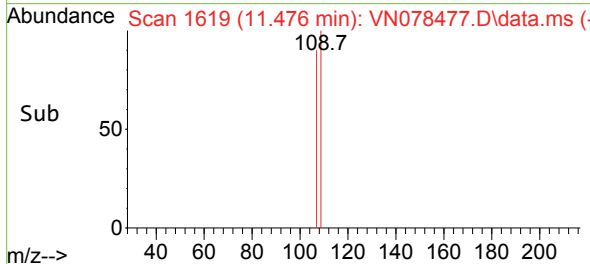
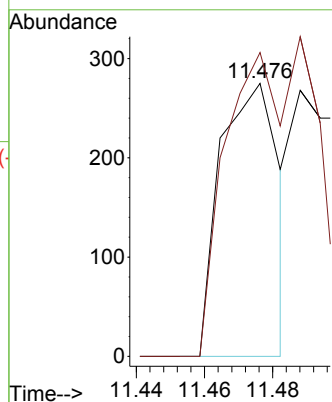
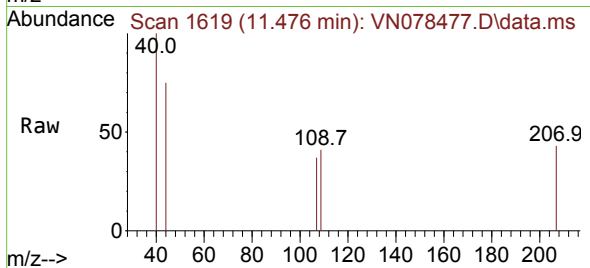




#61
1,2-Dibromoethane
Concen: 0.060 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

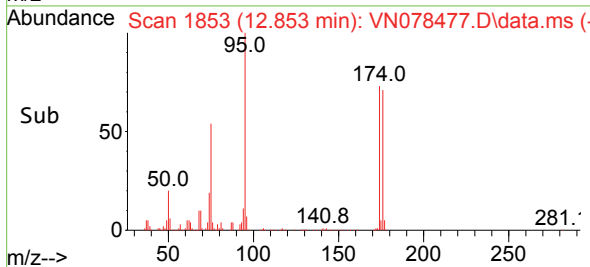
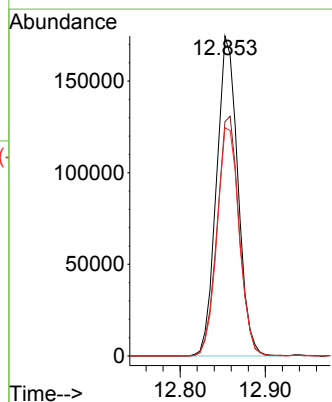
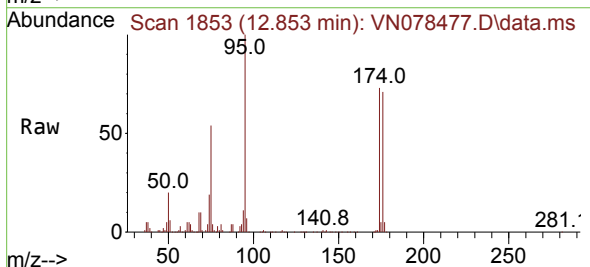
Instrument :
MSVOA_N
ClientSampleId :
IBLK

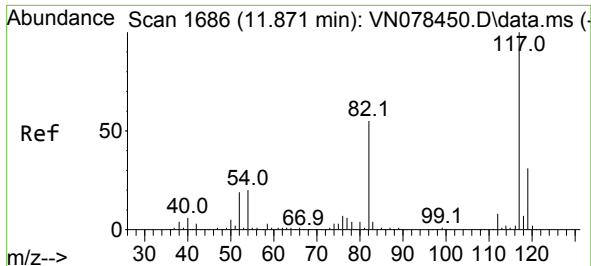
Tgt Ion:107 Resp: 328
Ion Ratio Lower Upper
107 100
109 168.0 76.6 114.8#



#62
4-Bromofluorobenzene
Concen: 51.093 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 95 Resp: 304288
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 74.1 0.0 135.8

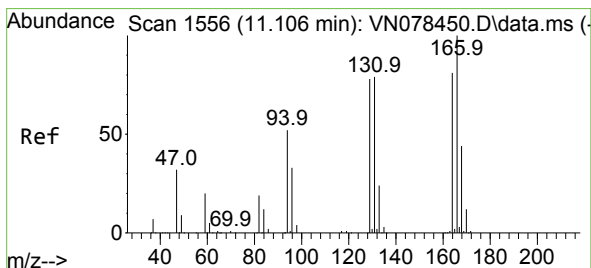
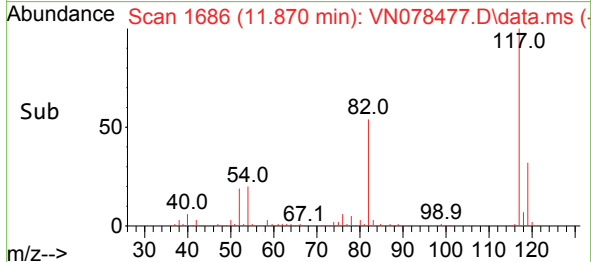
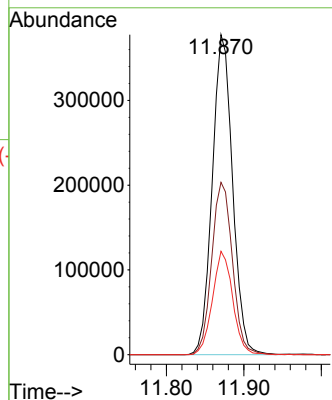
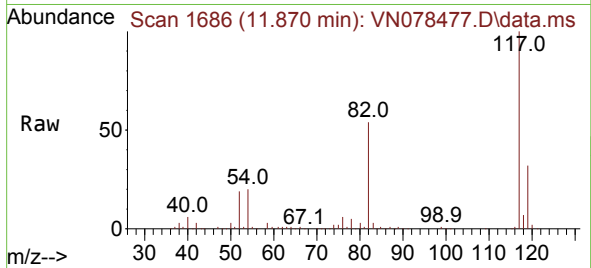




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

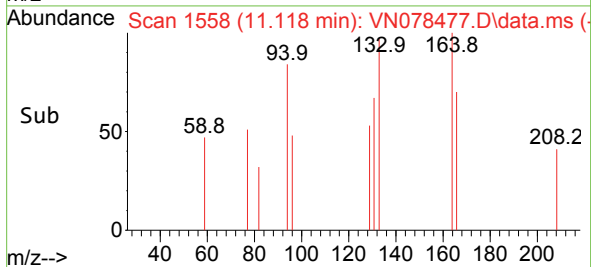
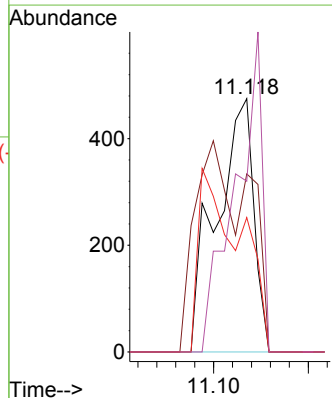
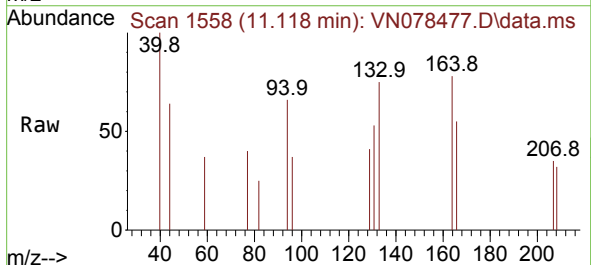
Instrument :
MSVOA_N
ClientSampleId :
IBLK

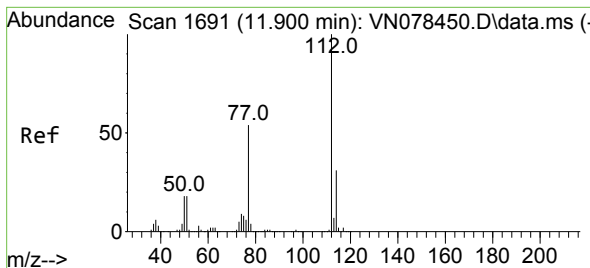
Tgt Ion:117 Resp: 688237
Ion Ratio Lower Upper
117 100
82 53.8 44.0 66.0
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 0.125 ug/l
RT: 11.118 min Scan# 1558
Delta R.T. 0.011 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion:164 Resp: 647
Ion Ratio Lower Upper
164 100
166 70.3 101.4 152.0#
129 53.1 82.4 123.6#
131 67.4 78.2 117.4#





#65

Chlorobenzene

Concen: 0.152 ug/l

RT: 11.906 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

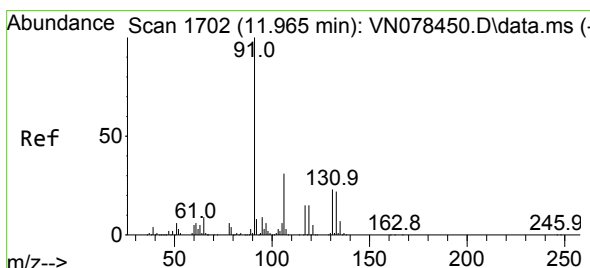
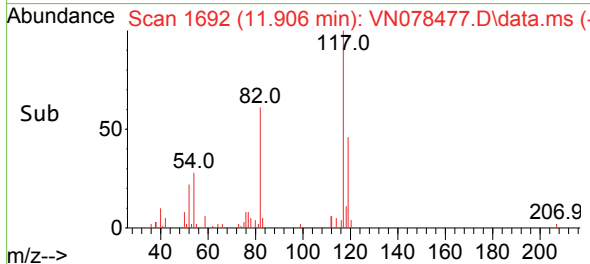
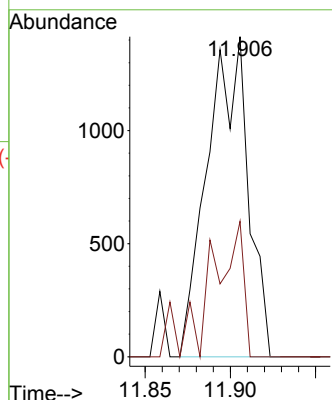
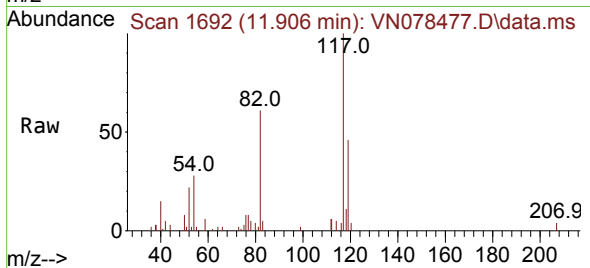
IBLK

Tgt Ion:112 Resp: 2340

Ion Ratio Lower Upper

112 100

114 42.3 25.0 37.4#



#66

1,1,1,2-Tetrachloroethane

Concen: 0.035 ug/l

RT: 11.976 min Scan# 1704

Delta R.T. 0.011 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

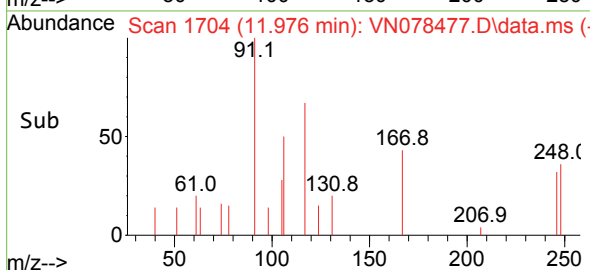
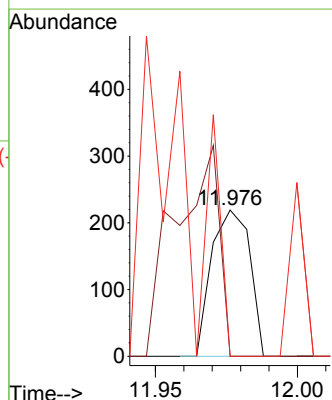
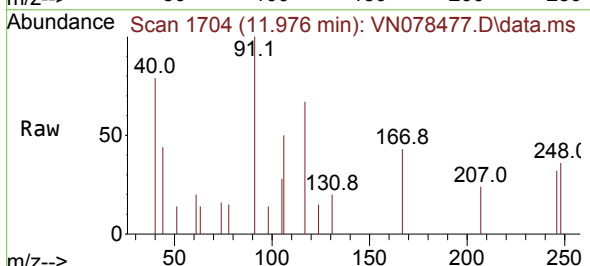
Tgt Ion:131 Resp: 205

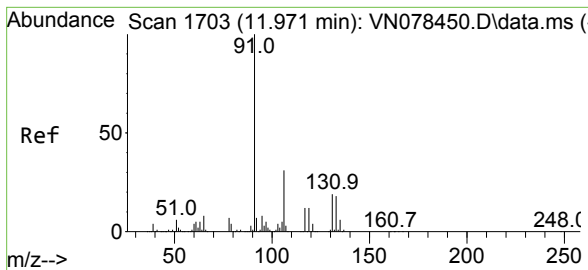
Ion Ratio Lower Upper

131 100

133 164.4 46.4 139.1#

119 0.0 34.1 102.2#

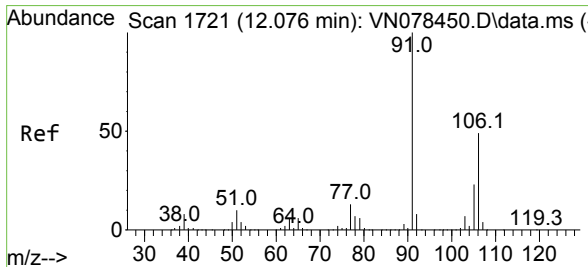
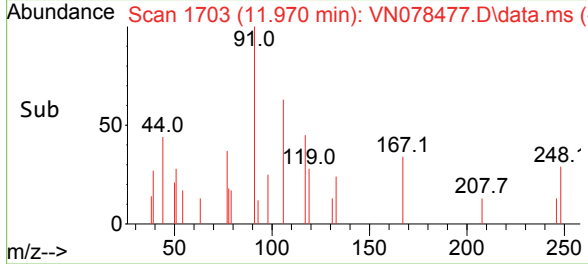
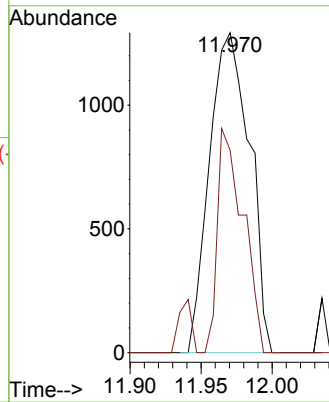
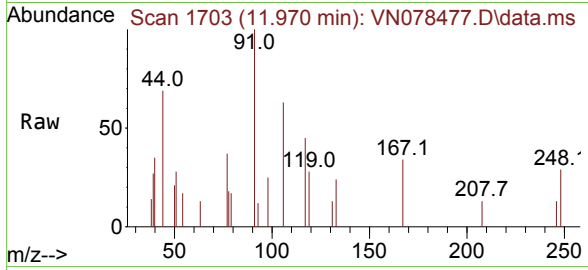




#67
Ethyl Benzene
Concen: 0.098 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

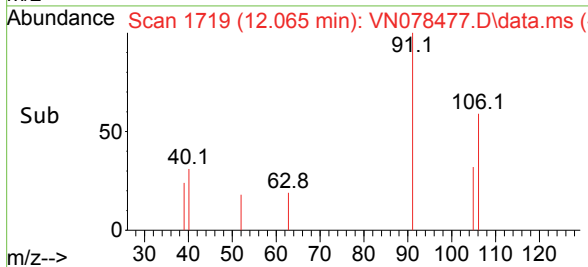
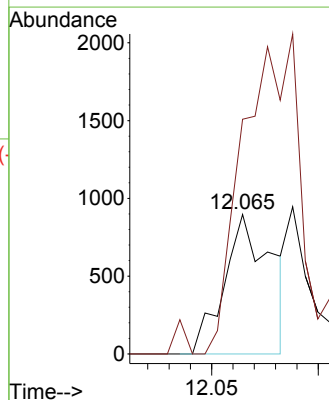
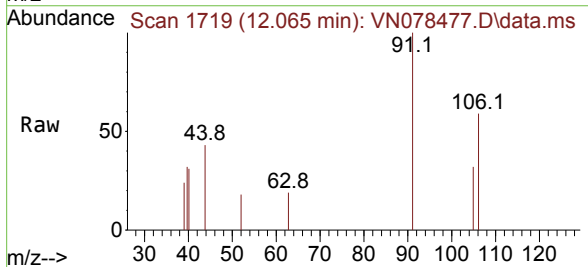
Instrument :
MSVOA_N
ClientSampleId :
IBLK

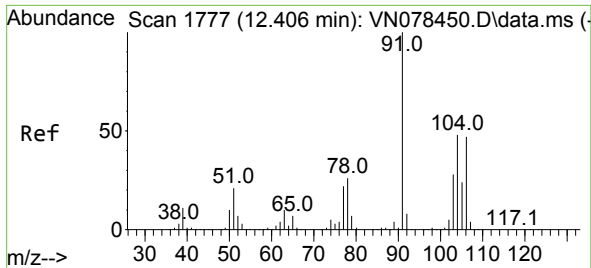
Tgt Ion: 91 Resp: 2541
Ion Ratio Lower Upper
91 100
106 63.3 25.6 38.4#



#68
m/p-Xylenes
Concen: 0.143 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.011 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 106 Resp: 1371
Ion Ratio Lower Upper
106 100
91 0.0 159.6 239.4#

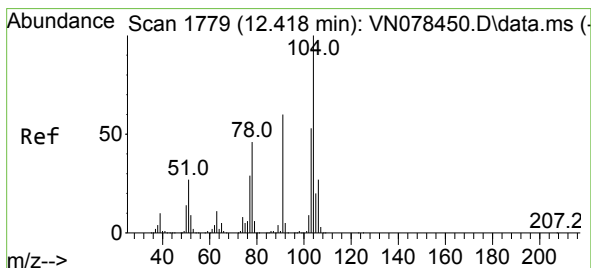
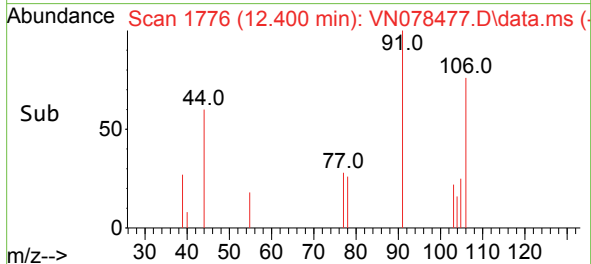
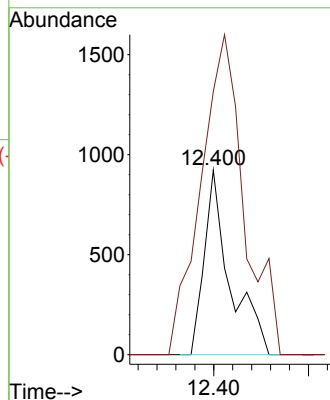
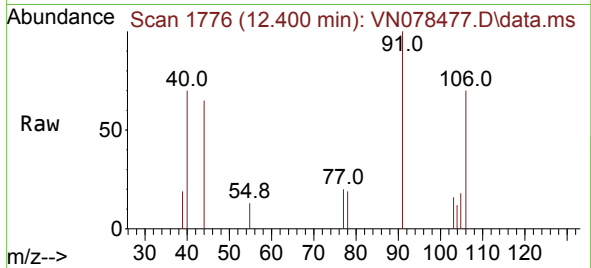




#69
o-Xylene
Concen: 0.089 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

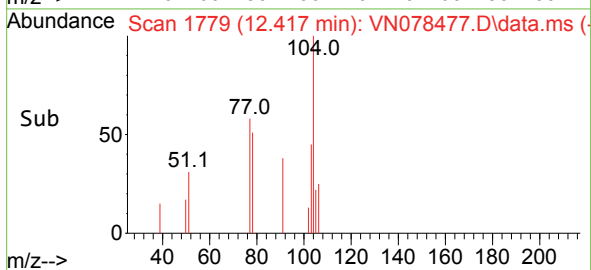
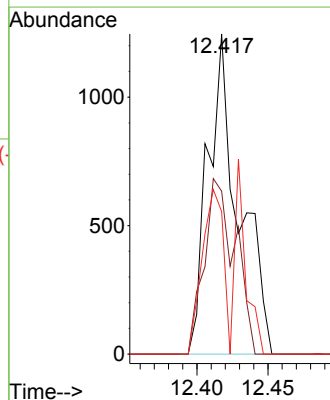
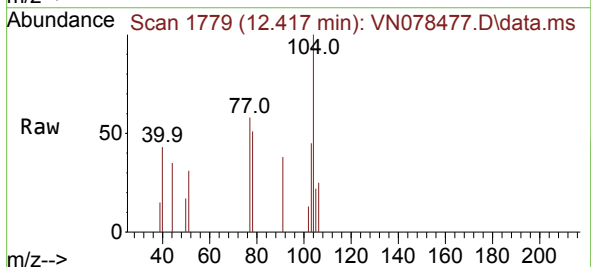
Instrument :
MSVOA_N
ClientSampleId :
IBLK

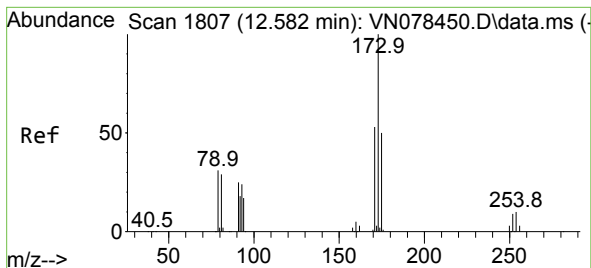
Tgt Ion:106 Resp: 867
Ion Ratio Lower Upper
106 100
91 293.1 105.2 315.5



#70
Styrene
Concen: 0.125 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion:104 Resp: 1893
Ion Ratio Lower Upper
104 100
78 54.7 39.5 59.3
103 34.9 43.2 64.8#





#71

Bromoform

Concen: 0.064 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

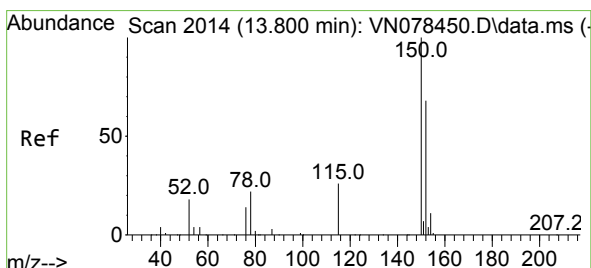
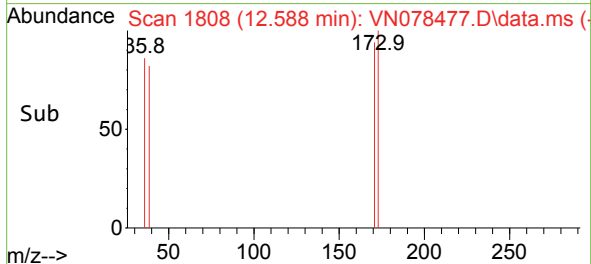
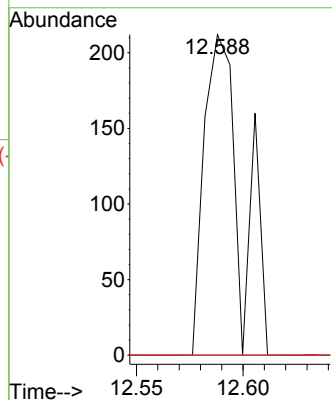
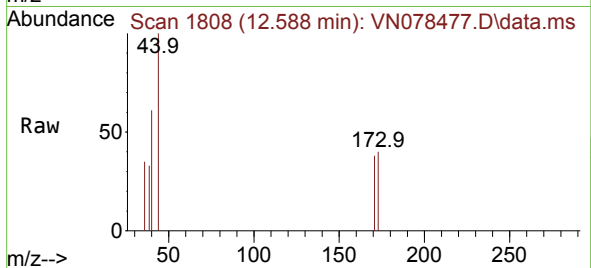
Tgt Ion:173 Resp: 255

Ion Ratio Lower Upper

173 100

175 0.0 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

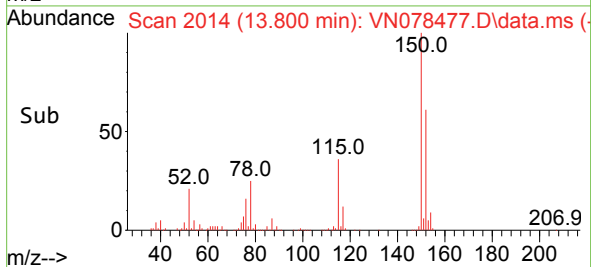
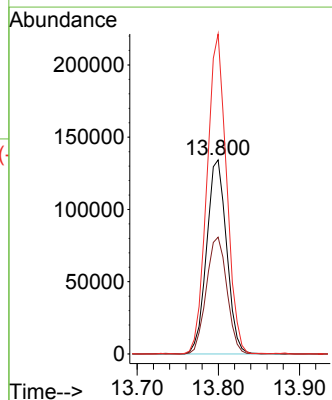
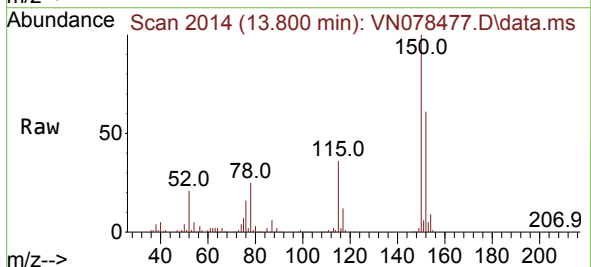
Tgt Ion:152 Resp: 229823

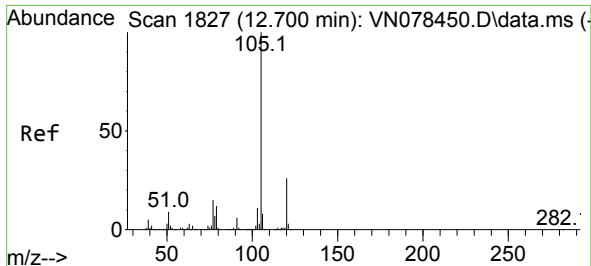
Ion Ratio Lower Upper

152 100

115 62.0 32.3 96.8

150 161.3 0.0 355.8

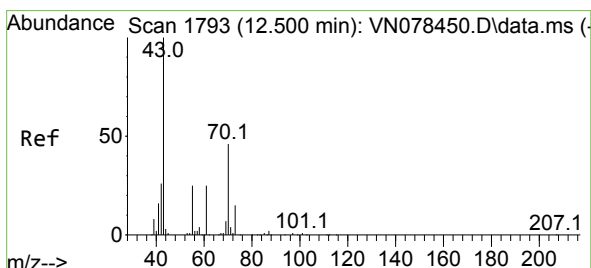
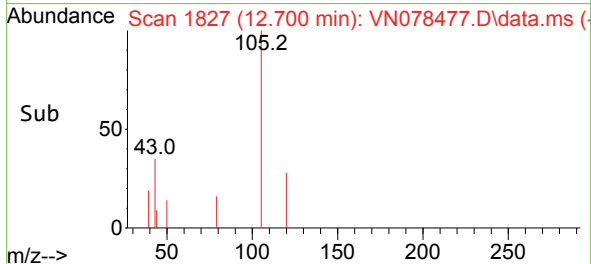
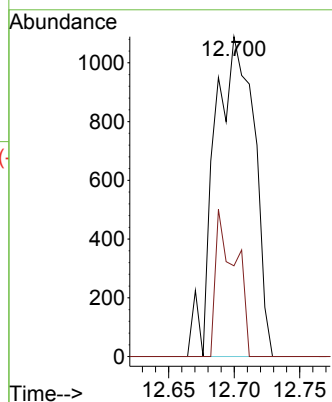
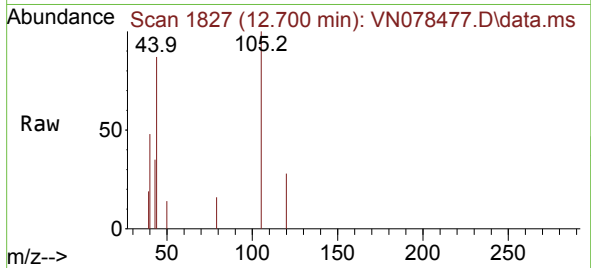




#73
Isopropylbenzene
Concen: 0.106 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

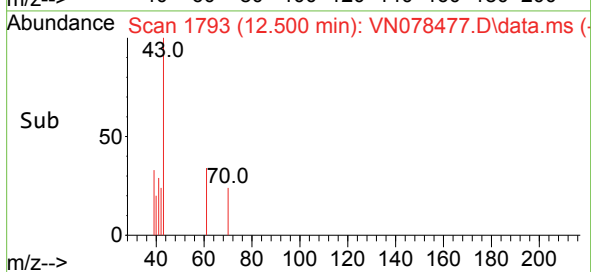
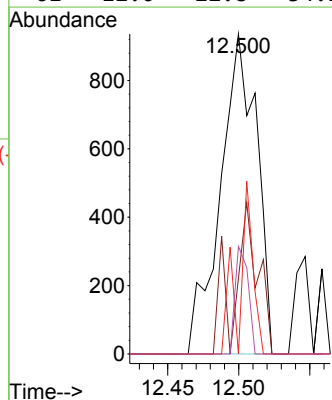
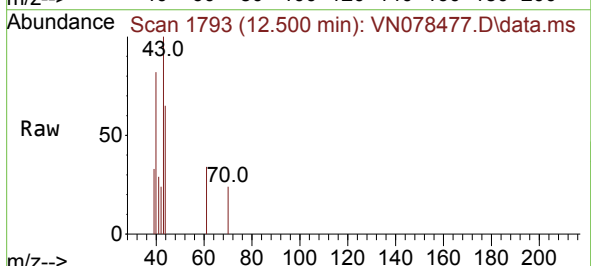
Instrument :
MSVOA_N
ClientSampleId :
IBLK

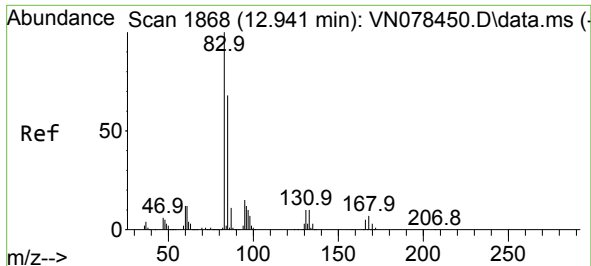
Tgt Ion:105 Resp: 2295
Ion Ratio Lower Upper
105 100
120 23.0 13.1 39.1



#74
N-ethyl acetate
Concen: 0.223 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 43 Resp: 1661
Ion Ratio Lower Upper
43 100
70 24.1 43.4 65.2#
55 21.3 21.4 32.0#
61 12.0 22.8 34.2#

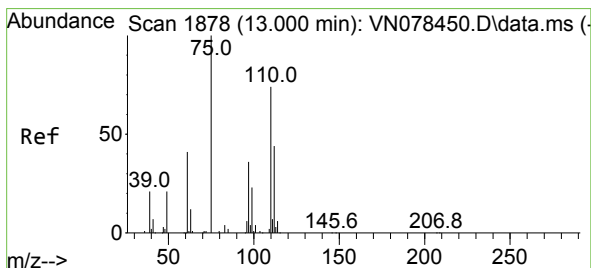
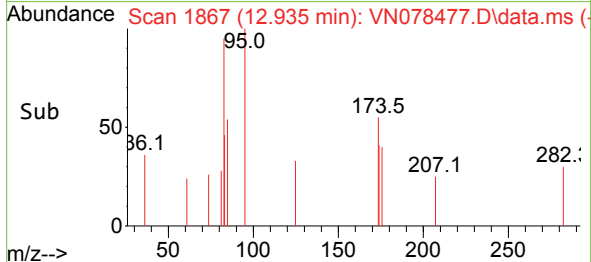
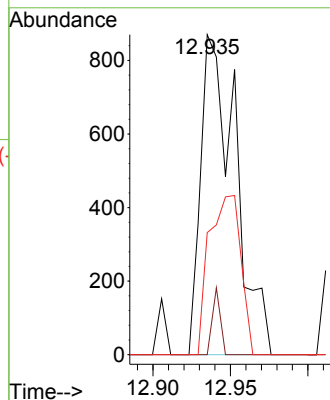
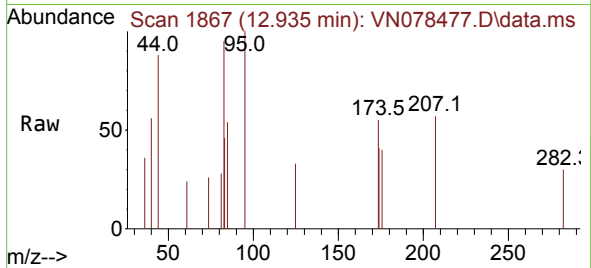




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.935 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

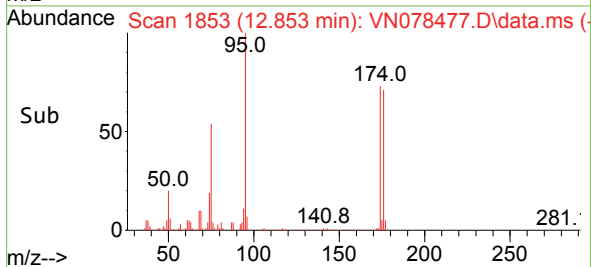
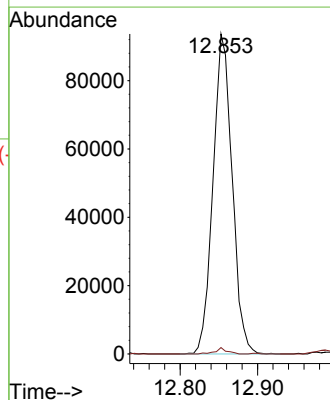
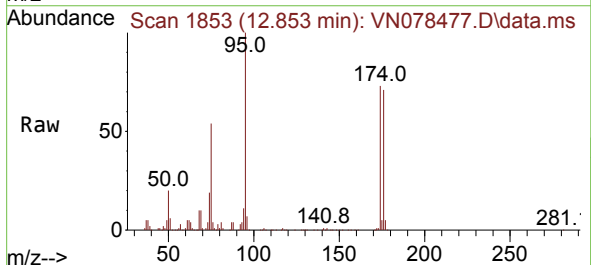
Instrument :
MSVOA_N
ClientSampleId :
IBLK

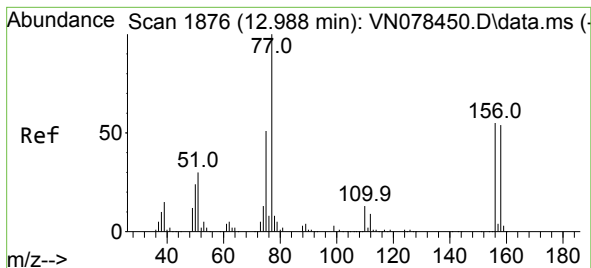
Tgt Ion: 83 Resp: 1353
Ion Ratio Lower Upper
83 100
131 4.7 5.0 15.0#
85 45.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 28.970 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 75 Resp: 160929
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#





#77

Bromobenzene

Concen: Below Cal

RT: 12.976 min Scan# 1874

Delta R.T. -0.012 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

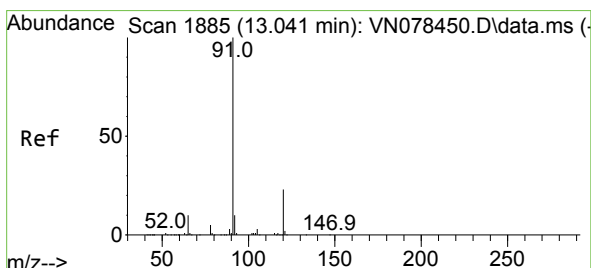
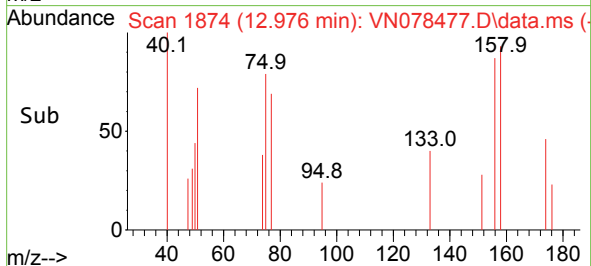
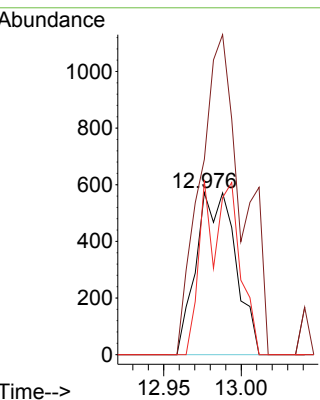
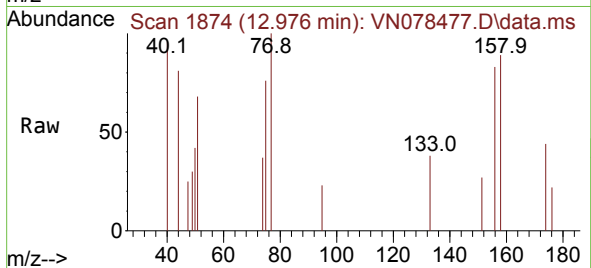
Tgt Ion:156 Resp: 1015

Ion Ratio Lower Upper

156 100

77 210.5 107.7 323.3

158 95.1 48.4 145.3



#78

n-propylbenzene

Concen: 0.157 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN078477.D

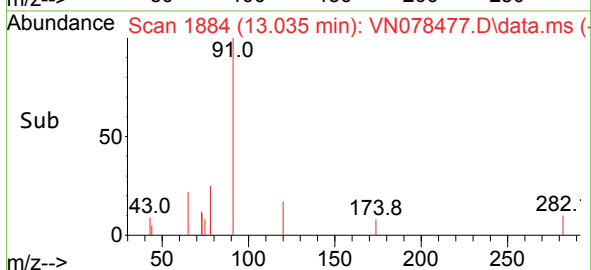
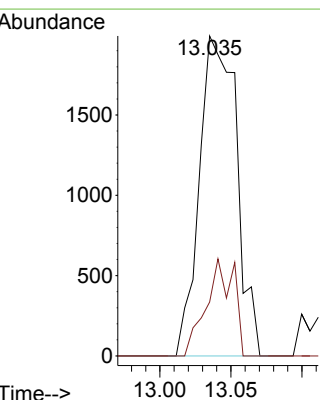
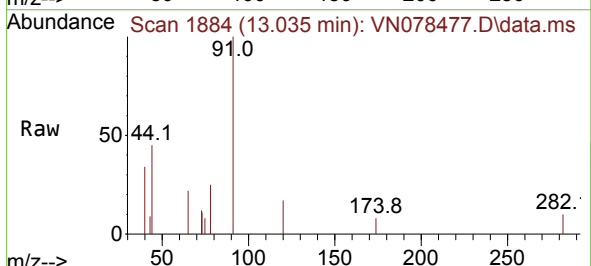
Acq: 12 Jul 2023 13:04

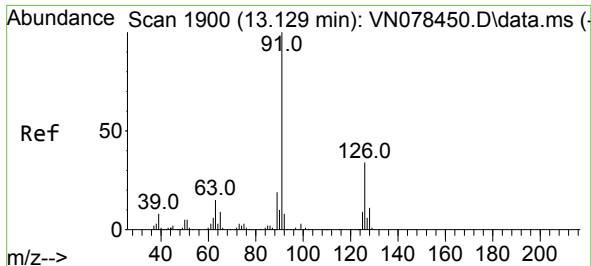
Tgt Ion: 91 Resp: 3637

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.197 ug/l

RT: 13.229 min Scan# 1917

Delta R.T. 0.100 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

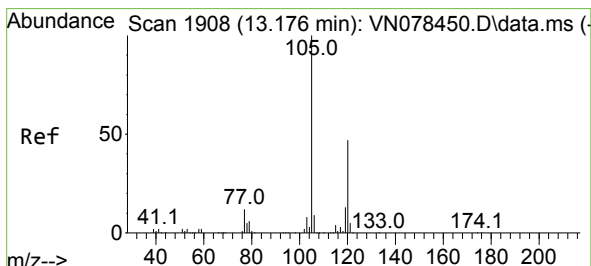
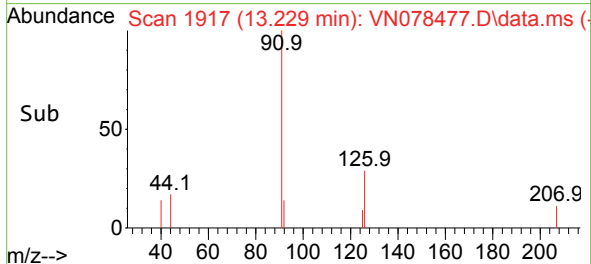
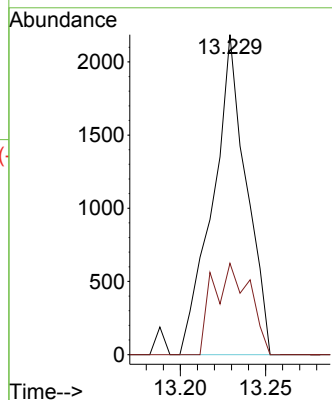
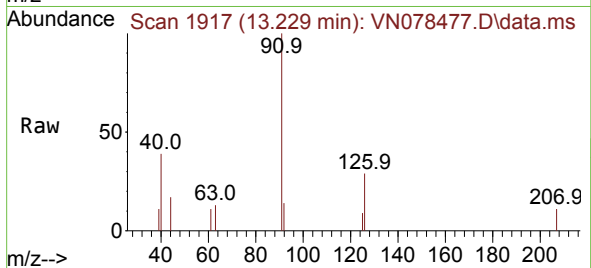
IBLK

Tgt Ion: 91 Resp: 2985

Ion Ratio Lower Upper

91 100

126 31.4 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.145 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078477.D

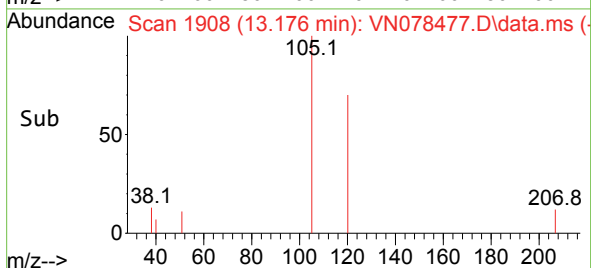
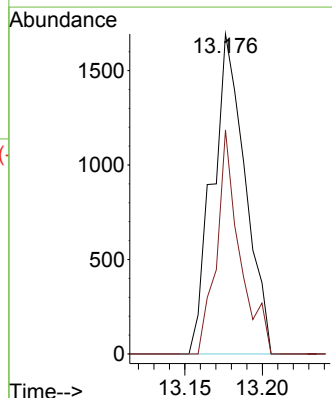
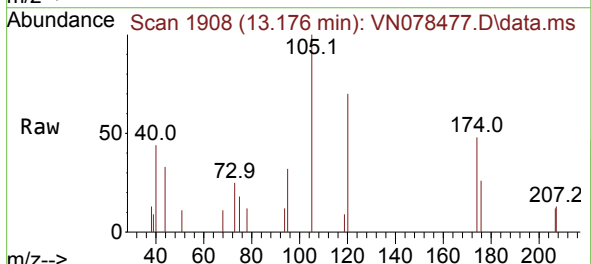
Acq: 12 Jul 2023 13:04

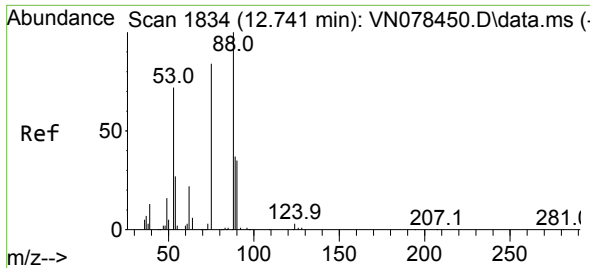
Tgt Ion: 105 Resp: 2482

Ion Ratio Lower Upper

105 100

120 49.3 24.1 72.3

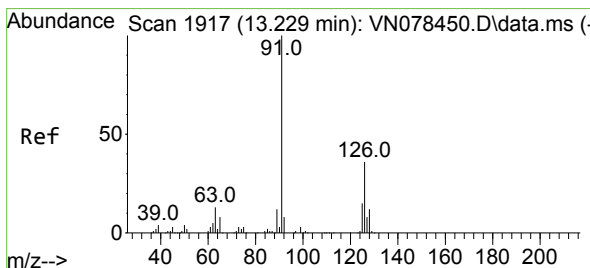
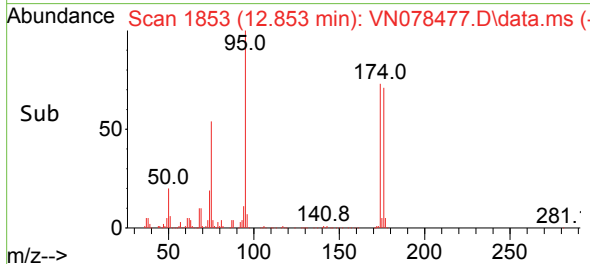
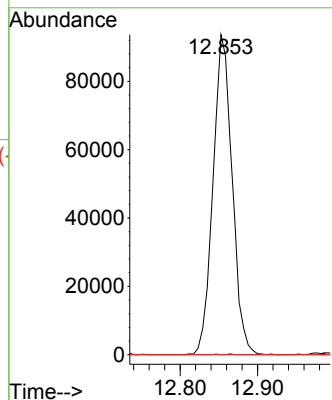
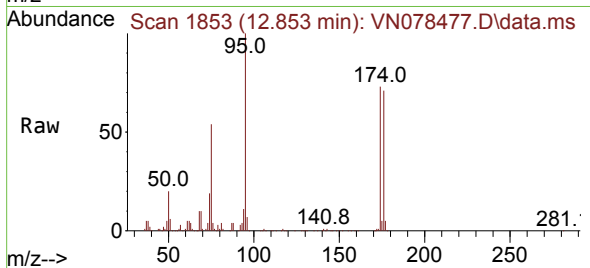




#81
trans-1,4-Dichloro-2-butene
Concen: 76.127 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

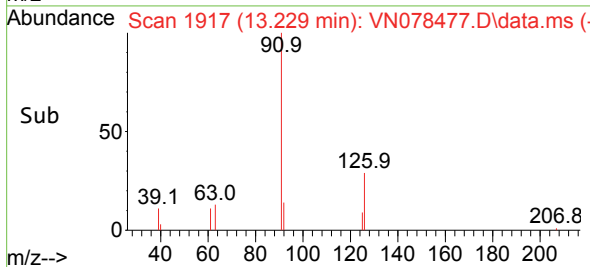
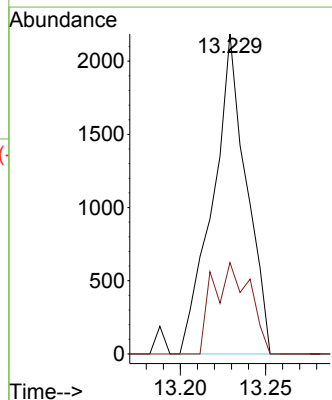
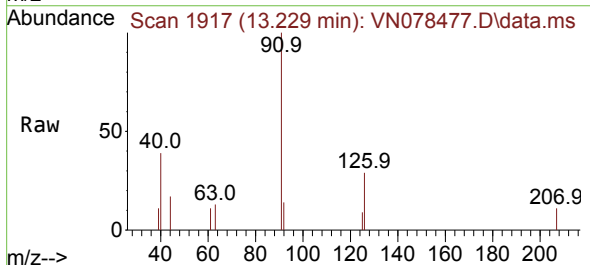
Instrument :
MSVOA_N
ClientSampleId :
IBLK

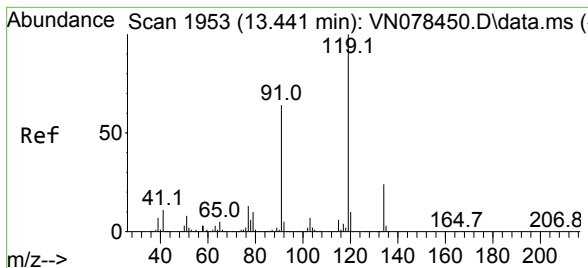
Tgt Ion: 75 Resp: 160929
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.212 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 91 Resp: 2985
Ion Ratio Lower Upper
91 100
126 31.4 16.7 50.0

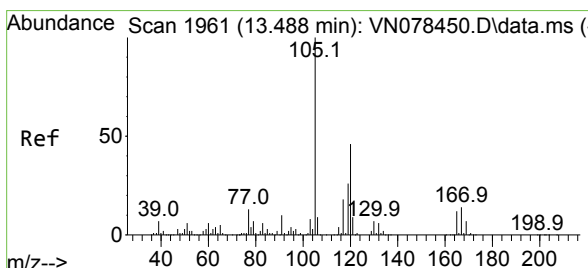
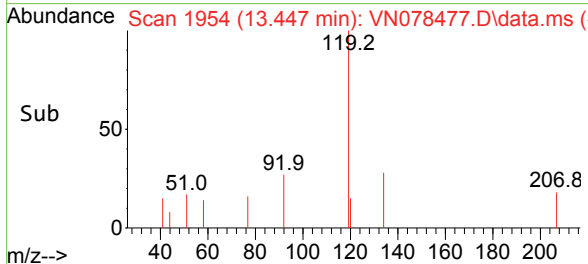
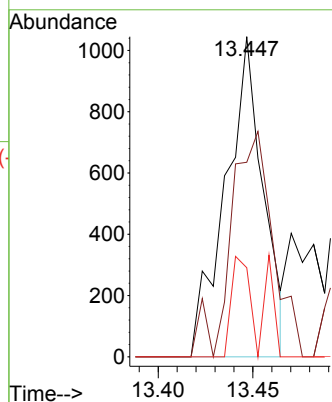
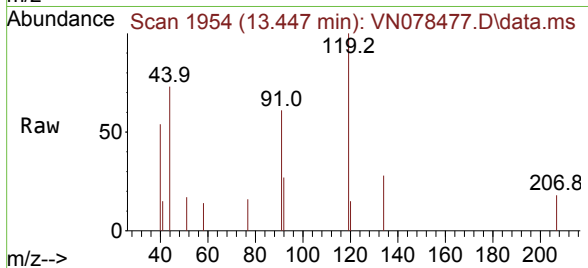




#83
 tert-Butylbenzene
 Concen: 0.100 ug/l
 RT: 13.447 min Scan# 1953
 Delta R.T. 0.006 min
 Lab File: VN078477.D
 Acq: 12 Jul 2023 13:04

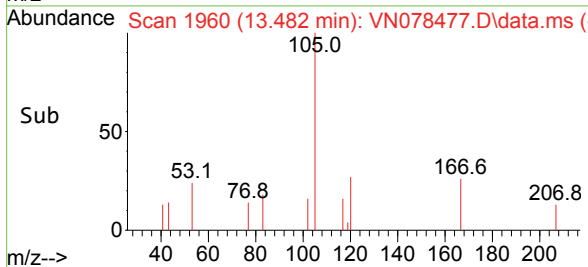
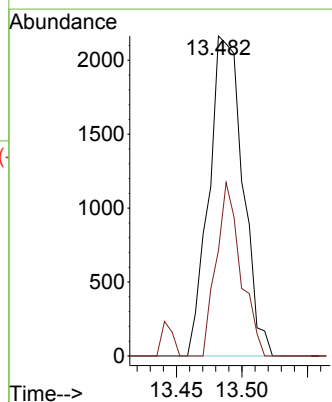
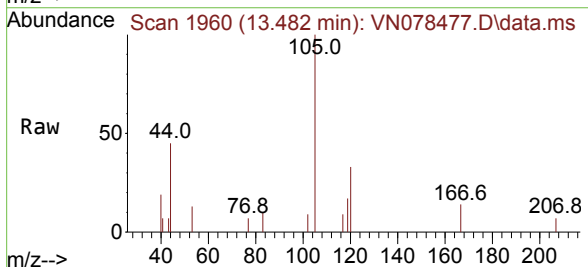
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

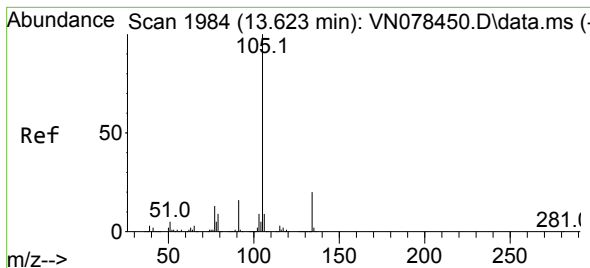
Tgt Ion:119 Resp: 1445
 Ion Ratio Lower Upper
 119 100
 91 78.8 33.9 101.7
 134 15.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 0.234 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.006 min
 Lab File: VN078477.D
 Acq: 12 Jul 2023 13:04

Tgt Ion:105 Resp: 3885
 Ion Ratio Lower Upper
 105 100
 120 39.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 0.155 ug/l

RT: 13.629 min Scan# 1984

Delta R.T. 0.006 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

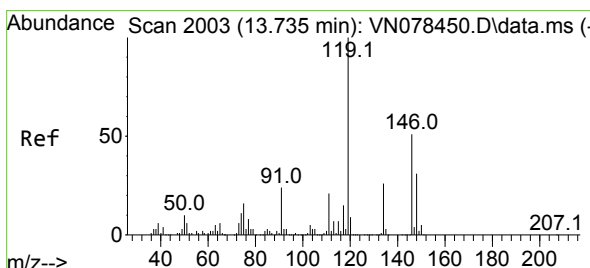
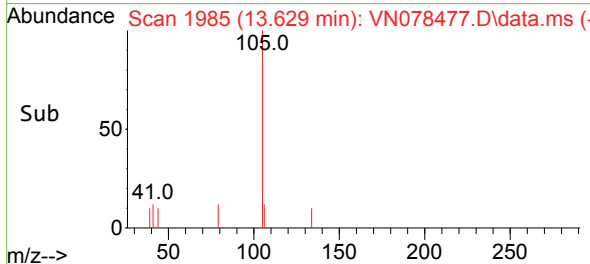
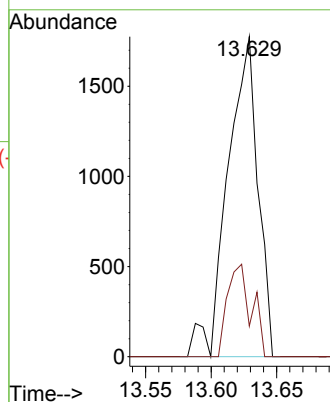
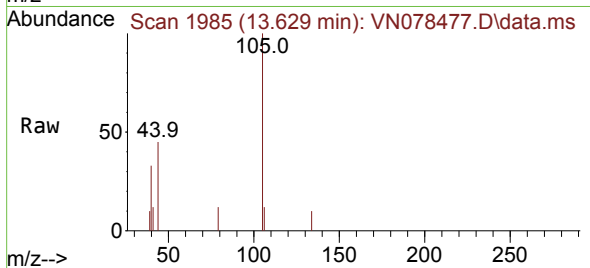
IBLK

Tgt Ion:105 Resp: 2840

Ion Ratio Lower Upper

105 100

134 22.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 0.151 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.012 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

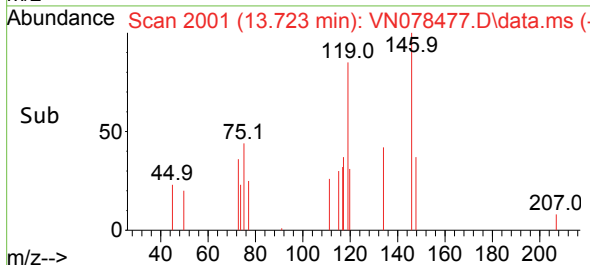
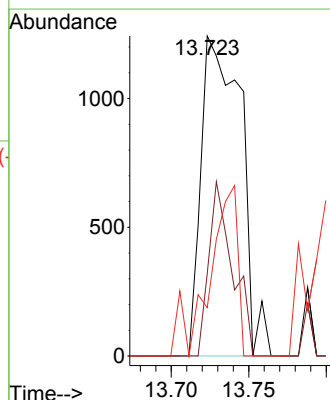
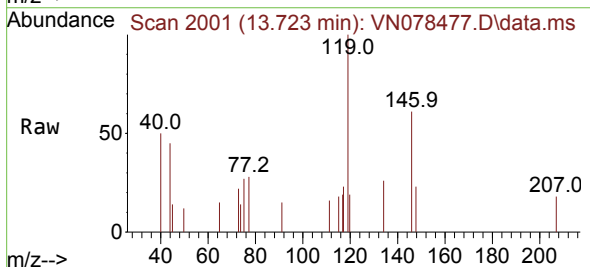
Tgt Ion:119 Resp: 2216

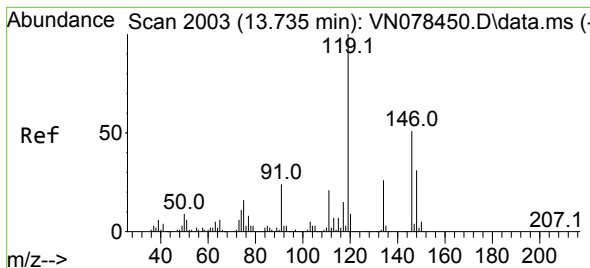
Ion Ratio Lower Upper

119 100

134 32.5 12.6 37.8

91 34.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 0.323 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

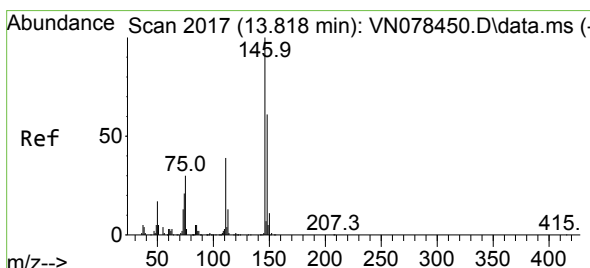
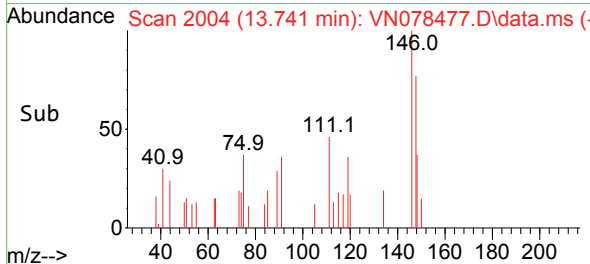
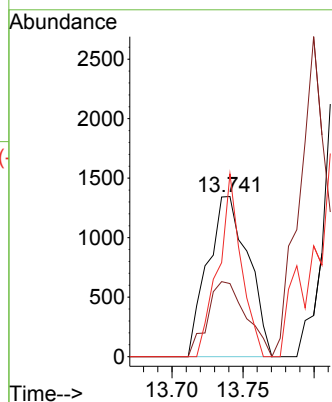
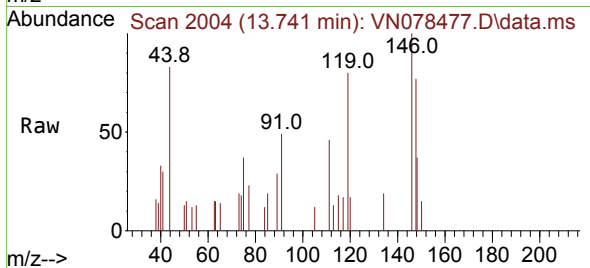
Tgt Ion:146 Resp: 2675

Ion Ratio Lower Upper

146 100

111 44.5 22.1 66.3

148 64.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.320 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.077 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

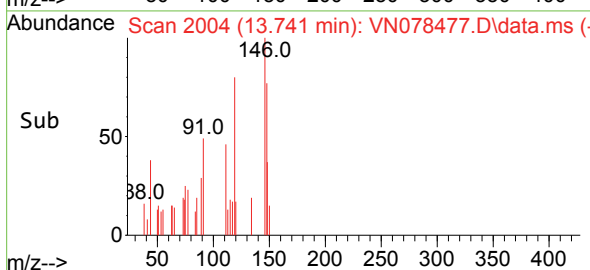
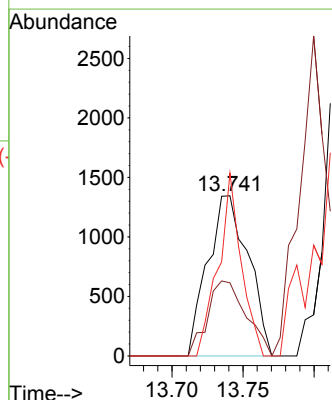
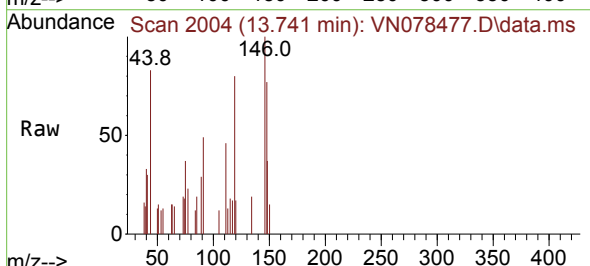
Tgt Ion:146 Resp: 2675

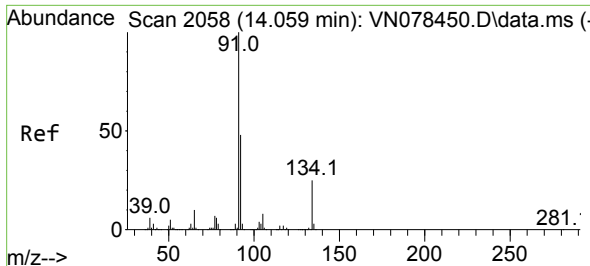
Ion Ratio Lower Upper

146 100

111 44.5 20.6 61.8

148 64.9 31.6 94.8

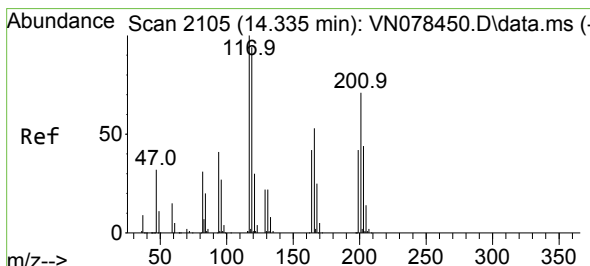
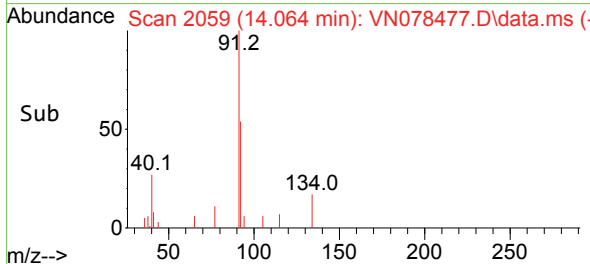
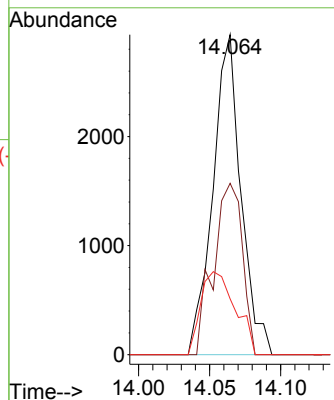
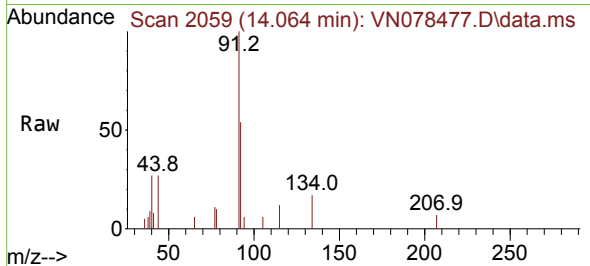




#89
n-Butylbenzene
Concen: 0.384 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.005 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

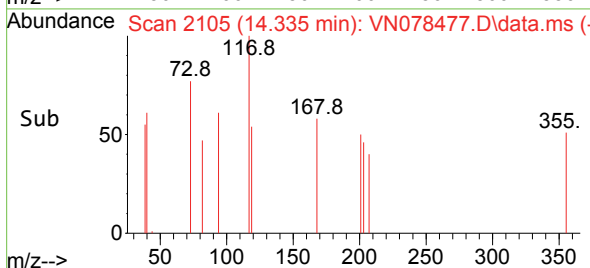
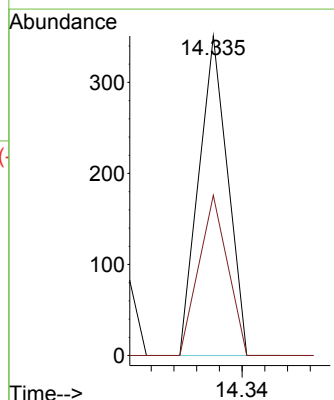
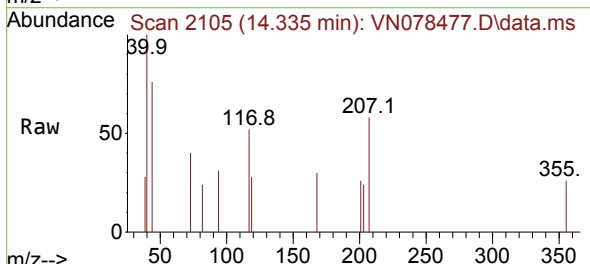
Instrument :
MSVOA_N
ClientSampleId :
IBLK

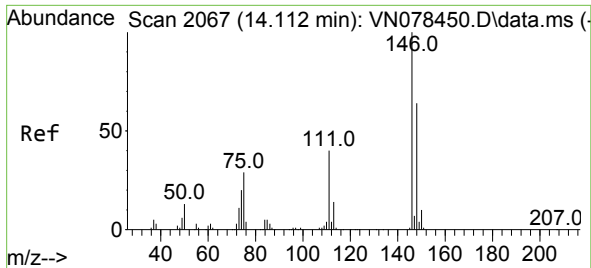
Tgt Ion: 91 Resp: 4042
Ion Ratio Lower Upper
91 100
92 55.0 26.4 79.0
134 31.8 12.6 37.6



#90
Hexachloroethane
Concen: Below Cal
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 117 Resp: 124
Ion Ratio Lower Upper
117 100
201 50.0 29.3 88.0

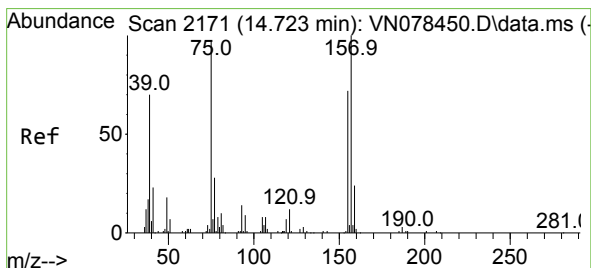
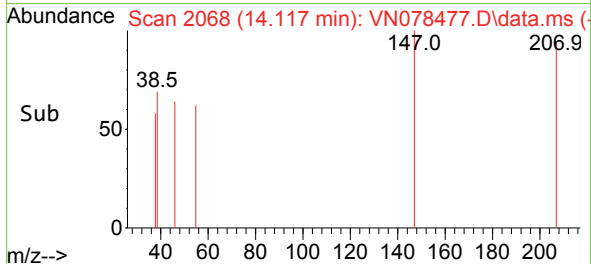
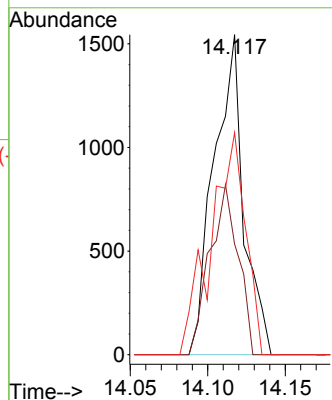
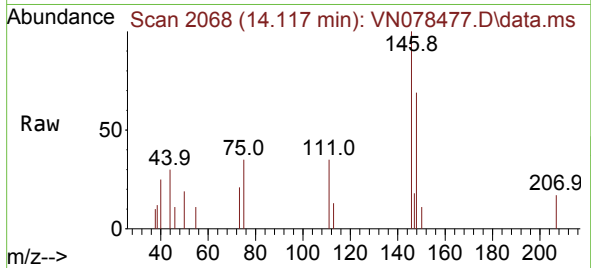




#91
1,2-Dichlorobenzene
Concen: 0.248 ug/l
RT: 14.117 min Scan# 2067
Delta R.T. 0.005 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

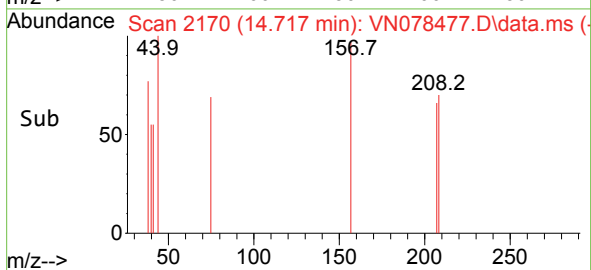
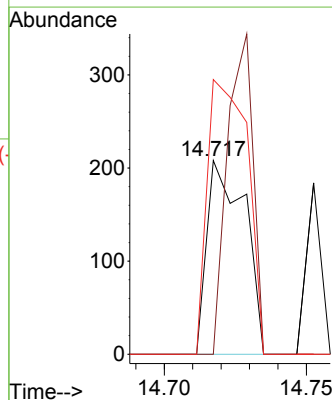
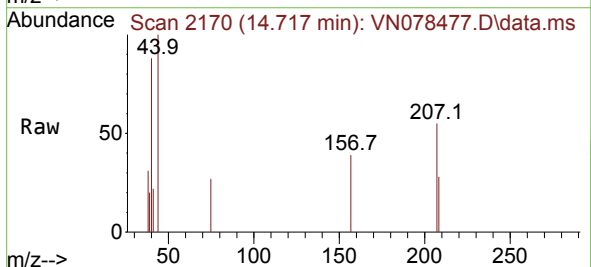
Instrument :
MSVOA_N
ClientSampleId :
IBLK

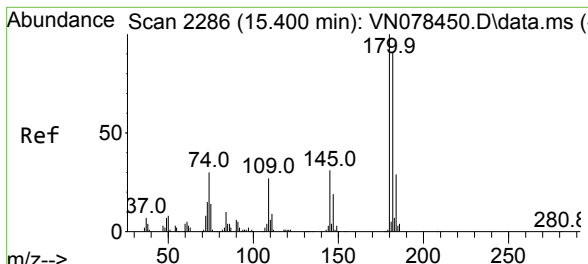
Tgt Ion:146 Resp: 2048
Ion Ratio Lower Upper
146 100
111 50.8 22.0 66.0
148 81.3 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN078477.D
Acq: 12 Jul 2023 13:04

Tgt Ion: 75 Resp: 191
Ion Ratio Lower Upper
75 100
155 113.1 39.1 117.2
157 151.3 50.3 150.9#

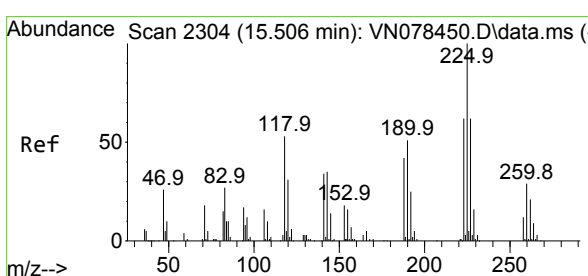
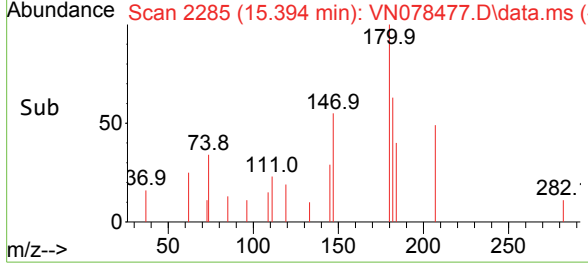
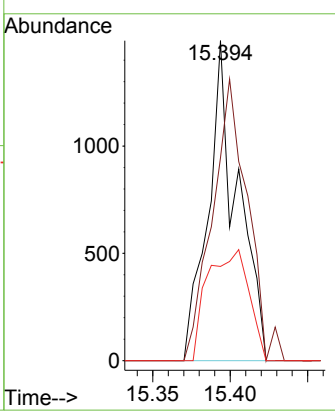
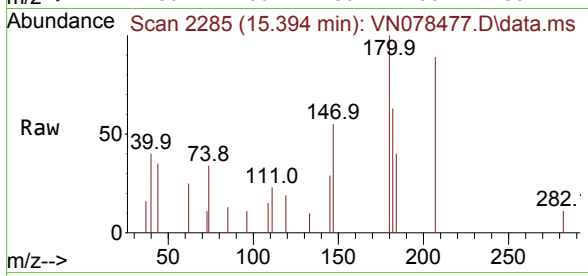




#93
 1,2,4-Trichlorobenzene
 Concen: 0.748 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN078477.D
 Acq: 12 Jul 2023 13:04

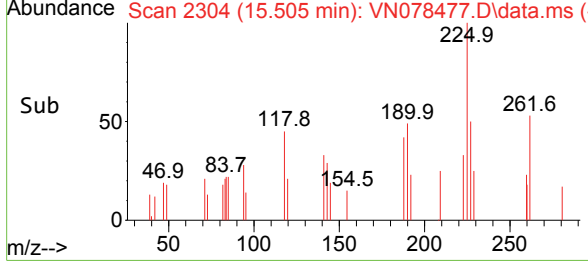
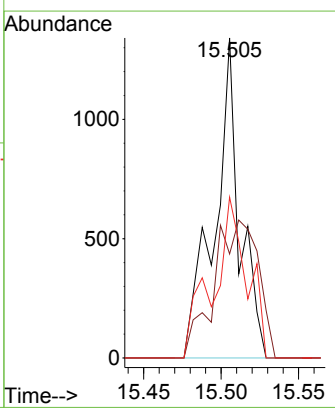
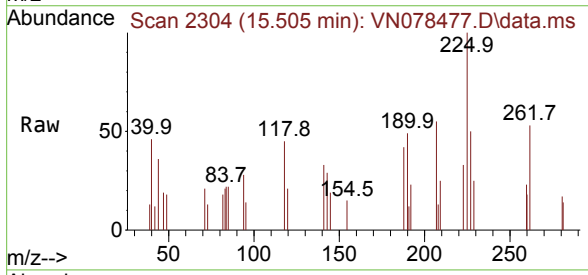
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

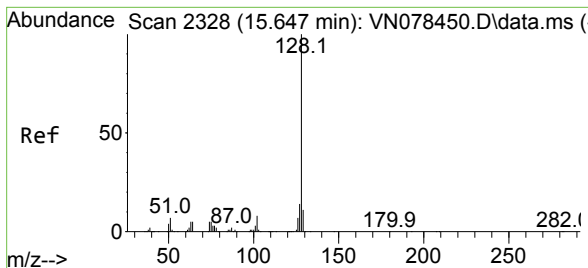
Tgt Ion:	180	Resp:	1969
Ion Ratio	Lower	Upper	
180	100		
182	104.7	46.1	138.2
145	48.6	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.505 min Scan# 2304
 Delta R.T. -0.001 min
 Lab File: VN078477.D
 Acq: 12 Jul 2023 13:04

Tgt Ion:	225	Resp:	1511
Ion Ratio	Lower	Upper	
225	100		
223	76.1	31.3	93.8
227	68.1	31.9	95.9





#95

Naphthalene

Concen: 0.839 ug/l

RT: 15.658 min Scan# 2330

Delta R.T. 0.011 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

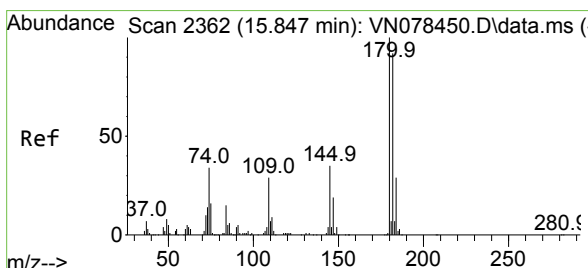
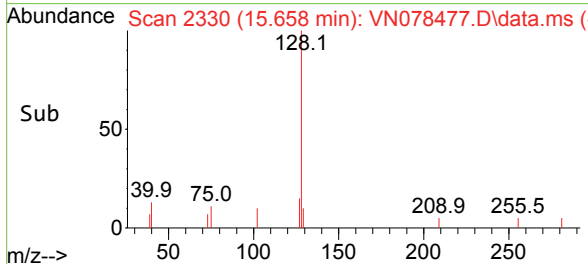
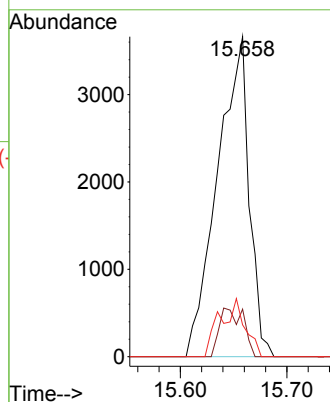
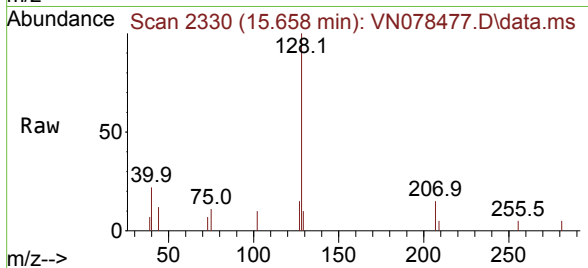
Tgt Ion:128 Resp: 7548

Ion Ratio Lower Upper

128 100

127 11.5 10.0 15.0

129 14.4 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.902 ug/l

RT: 15.852 min Scan# 2363

Delta R.T. 0.005 min

Lab File: VN078477.D

Acq: 12 Jul 2023 13:04

Tgt Ion:180 Resp: 2732

Ion Ratio Lower Upper

180 100

182 111.8 46.2 138.6

145 39.7 17.5 52.6

