

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037811.D
 Acq On : 19 Sep 2023 17:13
 Operator : JC/MD
 Sample : 04460-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 20 01:05:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

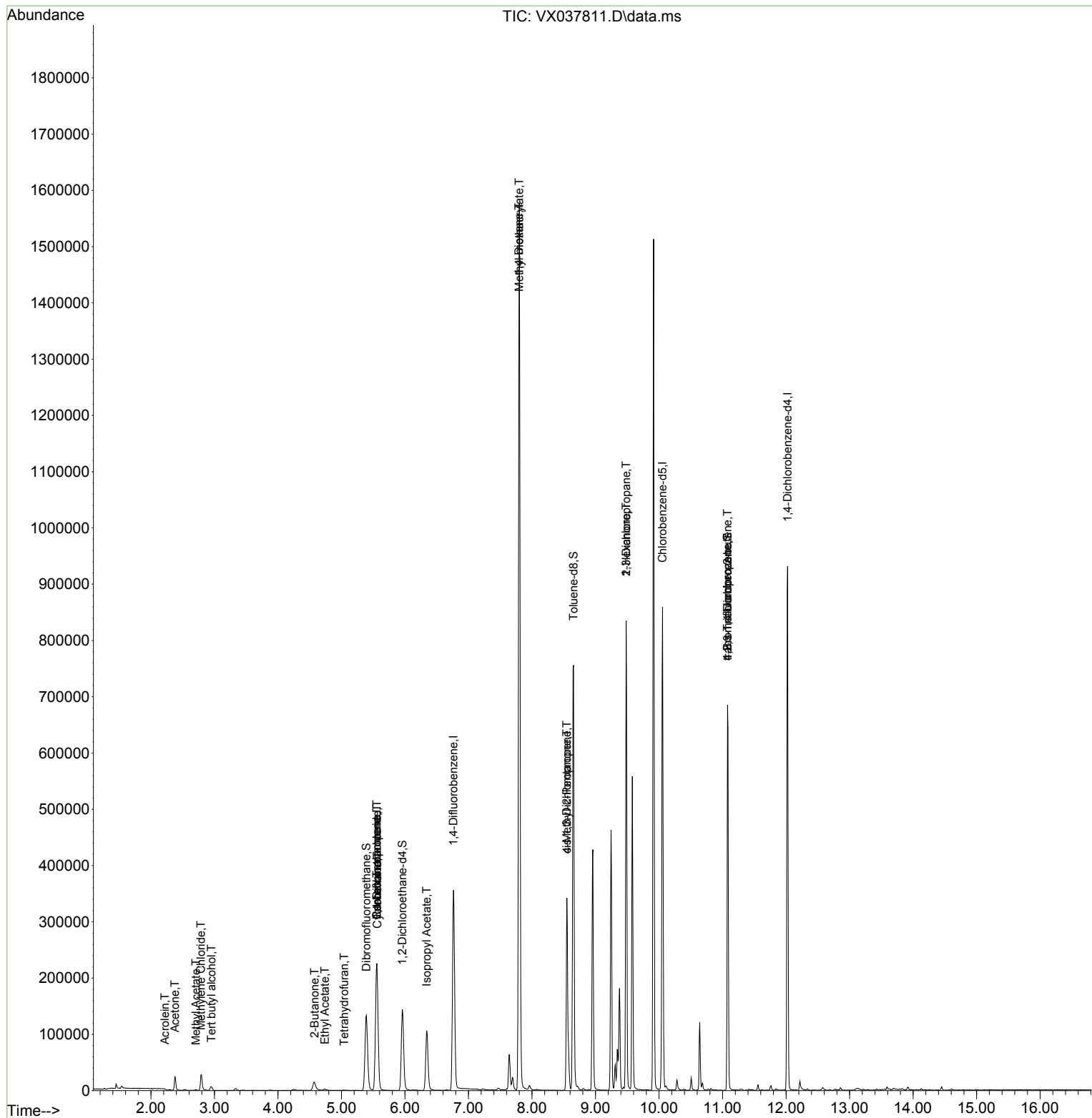
Internal Standards						
1) Pentafluorobenzene	5.556	168	218346	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	373443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	197021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137225	47.835	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.660%		
35) Dibromofluoromethane	5.391	113	116648	46.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.360%		
50) Toluene-d8	8.653	98	467284	50.330	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.660%		
62) 4-Bromofluorobenzene	11.079	95	178189	52.816	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.640%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.952	59	4735	7.690	ug/l #	88
13) Acrolein	2.221	56	172	0.283	ug/l #	9
16) Acetone	2.379	43	24949	18.078	ug/l #	89
18) Methyl Acetate	2.709	43	1643	0.330	ug/l	95
20) Methylene Chloride	2.788	84	14392	5.618	ug/l #	85
25) 2-Butanone	4.574	43	15362	7.888	ug/l	98
29) Tetrahydrofuran	5.044	42	404	0.334	ug/l #	55
31) Cyclohexane	5.562	56	4523	1.228	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16767	4.871	ug/l #	51
37) Ethyl Acetate	4.739	43	3775	0.998	ug/l #	92
38) Carbon Tetrachloride	5.556	117	21440	5.953	ug/l #	15
43) Isopropyl Acetate	6.342	43	142554	23.559	ug/l #	95
48) Methyl methacrylate	7.799	41	133949	46.308	ug/l #	48
49) 1,4-Dioxane	7.793	88	309	4.075	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	134594	35.060	ug/l #	37
54) cis-1,3-Dichloropropene	8.549	75	54908	13.029	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	6910	1.485	ug/l #	42
59) 2-Hexanone	9.482	43	90886	30.406	ug/l #	55
76) 1,2,3-Trichloropropane	11.079	75	90631	19.889	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	90631	63.711	ug/l #	5

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
Data File : VX037811.D
Acq On : 19 Sep 2023 17:13
Operator : JC/MD
Sample : 04460-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

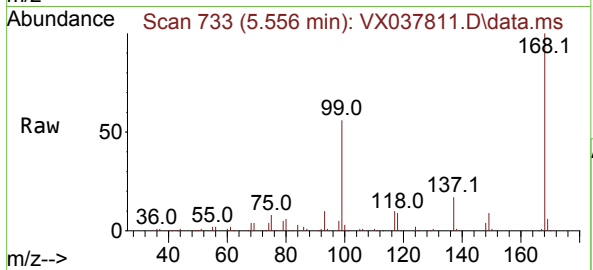
Quant Time: Sep 20 01:05:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration



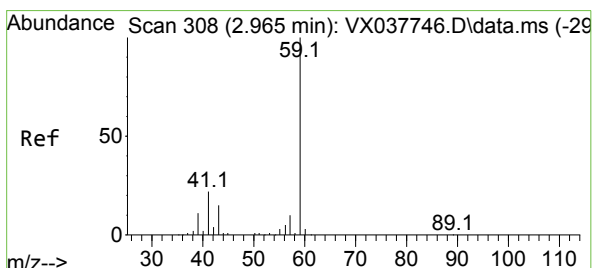
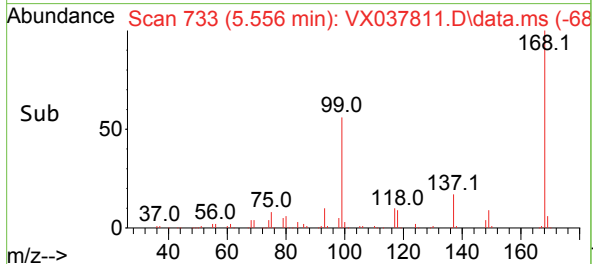
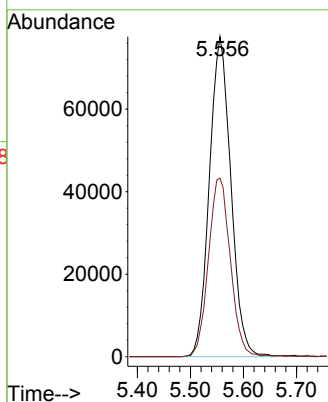


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

Instrument :
MSVOA_X
ClientSampleId :

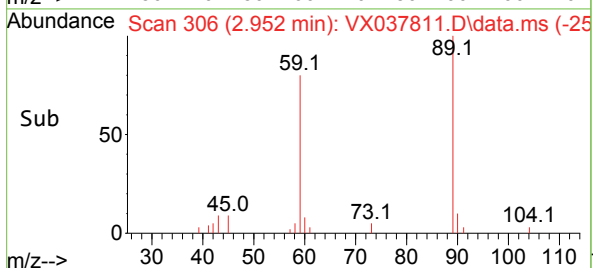
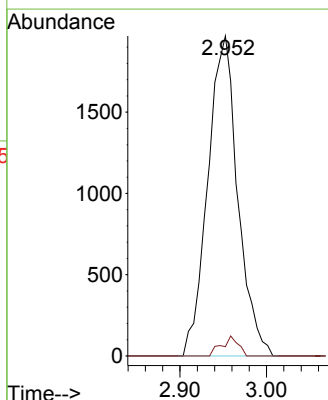
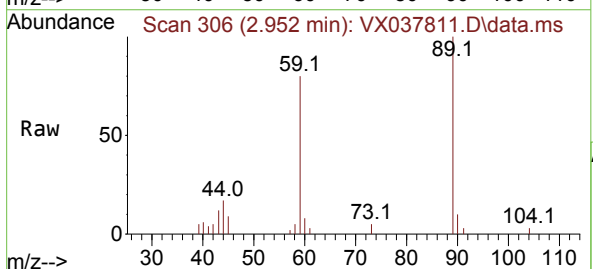


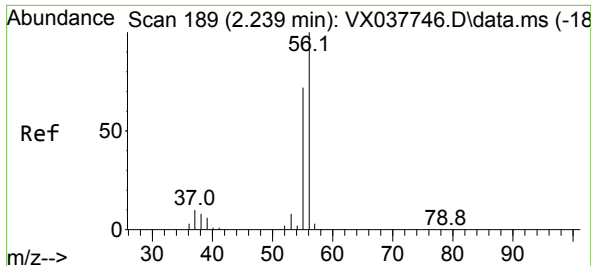
Tgt Ion:168 Resp: 218346
Ion Ratio Lower Upper
168 100
99 55.8 56.6 85.0#



#11
Tert butyl alcohol
Concen: 7.690 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

Tgt Ion: 59 Resp: 4735
Ion Ratio Lower Upper
59 100
57 3.4 6.0 9.0#





#13

Acrolein

Concen: 0.283 ug/l

RT: 2.221 min Scan# 186

Delta R.T. -0.018 min

Lab File: VX037811.D

Acq: 19 Sep 2023 17:13

Instrument :

MSVOA_X

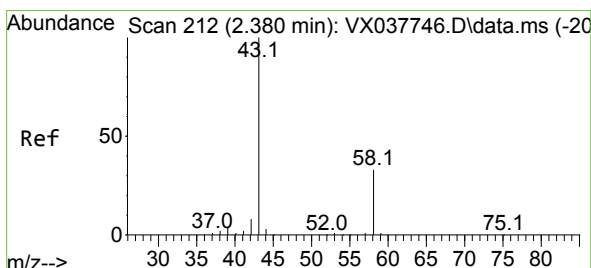
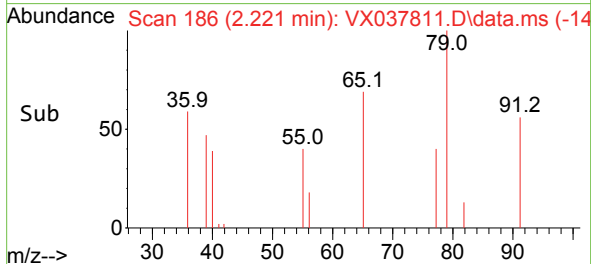
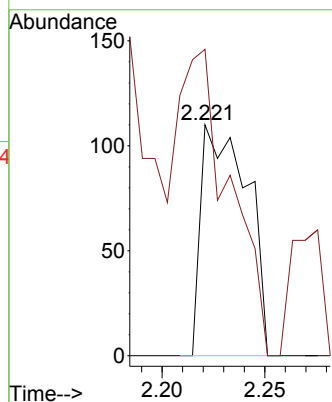
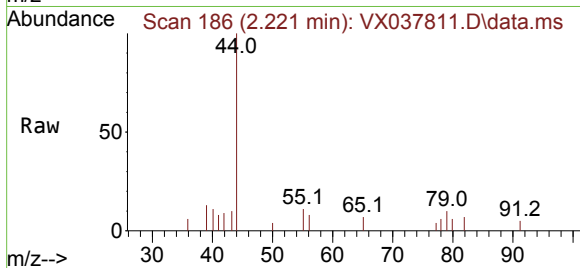
ClientSampleId :

Tgt Ion: 56 Resp: 172

Ion Ratio Lower Upper

56 100

55 146.5 57.1 85.7#



#16

Acetone

Concen: 18.078 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX037811.D

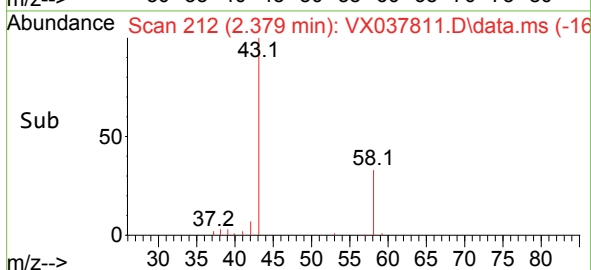
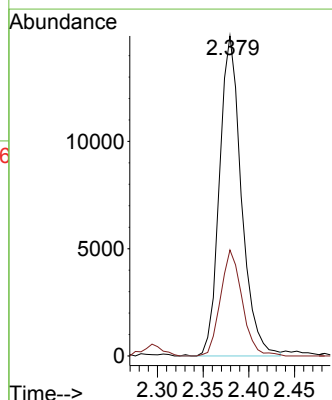
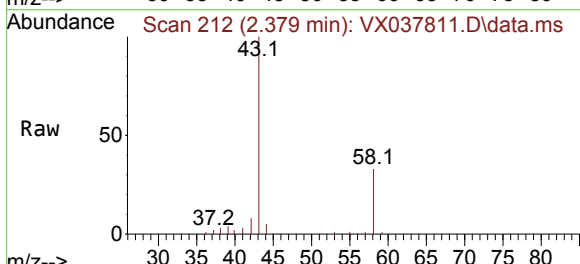
Acq: 19 Sep 2023 17:13

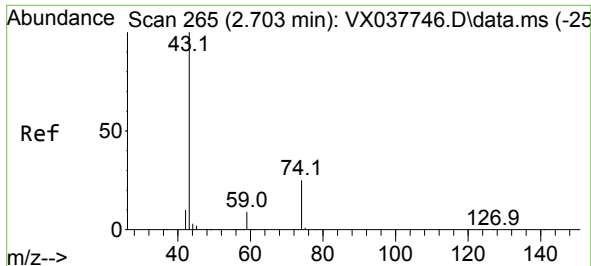
Tgt Ion: 43 Resp: 24949

Ion Ratio Lower Upper

43 100

58 33.1 21.9 32.9#

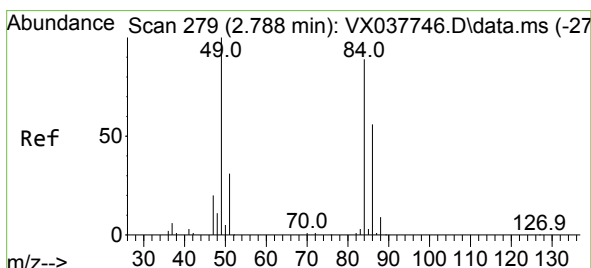
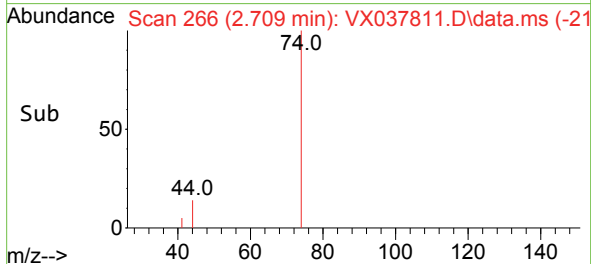
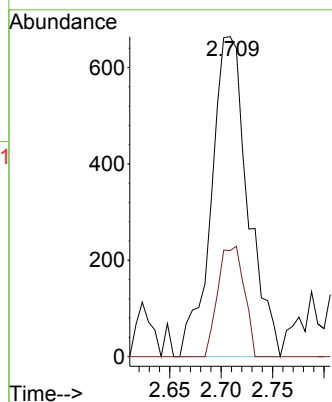
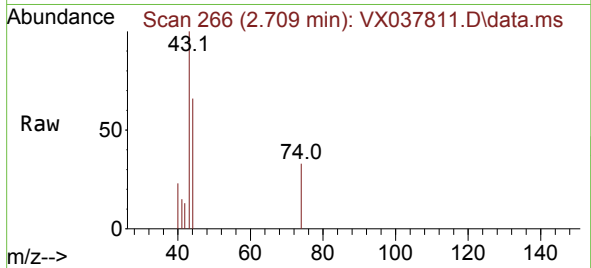




#18
Methyl Acetate
Concen: 0.330 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

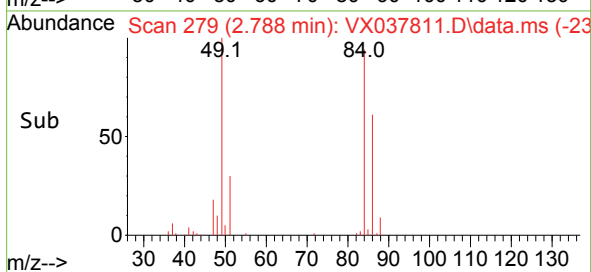
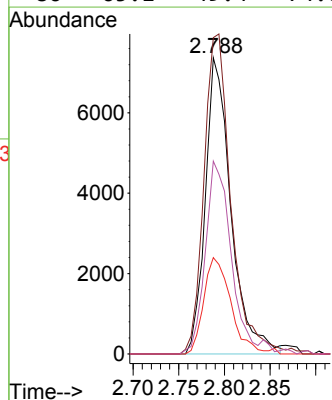
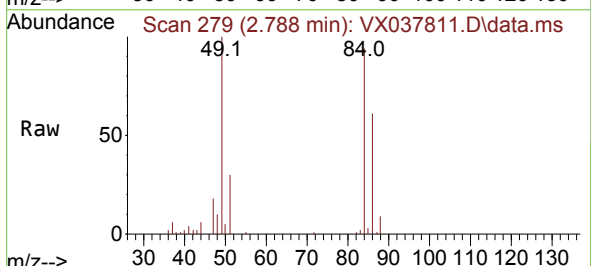
Instrument :
MSVOA_X
ClientSampleId :

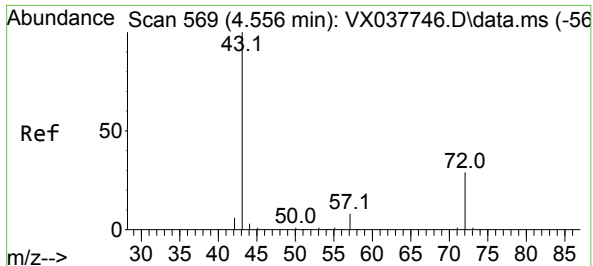
Tgt Ion: 43 Resp: 1643
Ion Ratio Lower Upper
43 100
74 24.7 17.8 26.8



#20
Methylene Chloride
Concen: 5.618 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

Tgt Ion: 84 Resp: 14392
Ion Ratio Lower Upper
84 100
49 106.8 103.6 155.4
51 32.5 33.8 50.6#
86 65.1 49.4 74.0





#25

2-Butanone

Concen: 7.888 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX037811.D

Acq: 19 Sep 2023 17:13

Instrument :

MSVOA_X

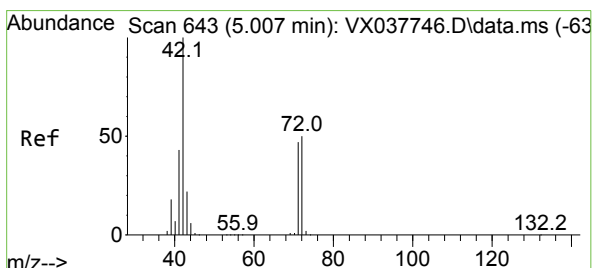
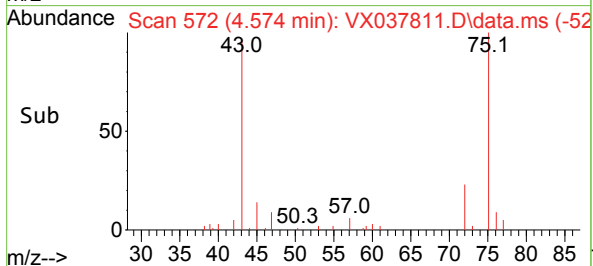
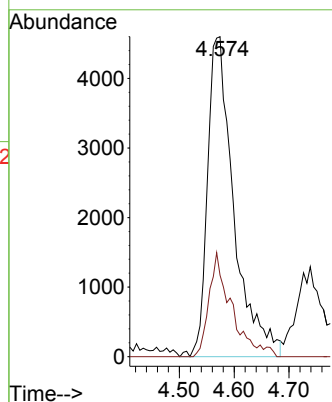
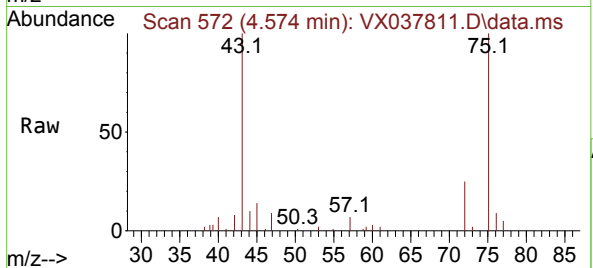
ClientSampleId :

Tgt Ion: 43 Resp: 15362

Ion Ratio Lower Upper

43 100

72 25.5 19.4 29.2



#29

Tetrahydrofuran

Concen: 0.334 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.030 min

Lab File: VX037811.D

Acq: 19 Sep 2023 17:13

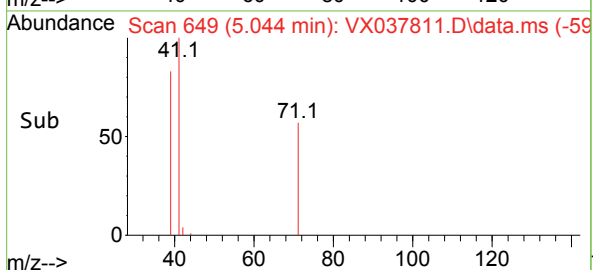
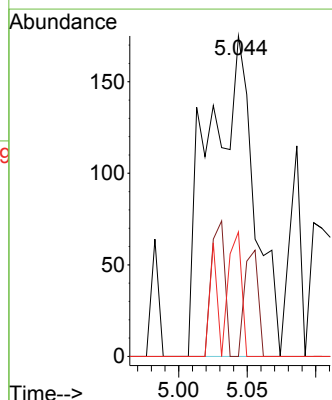
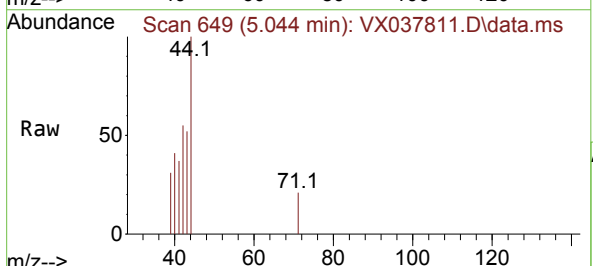
Tgt Ion: 42 Resp: 404

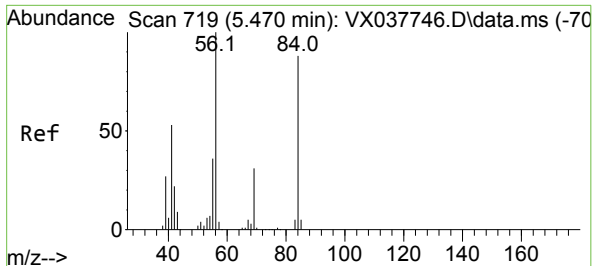
Ion Ratio Lower Upper

42 100

72 9.9 34.2 51.4#

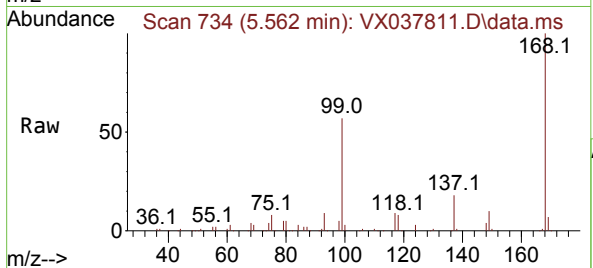
71 16.8 32.2 48.2#



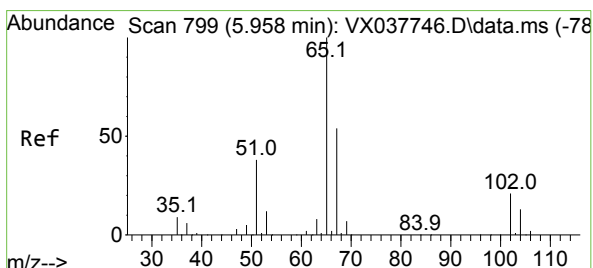
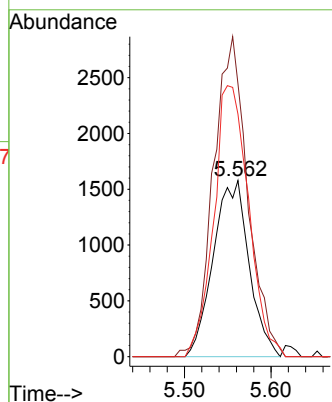
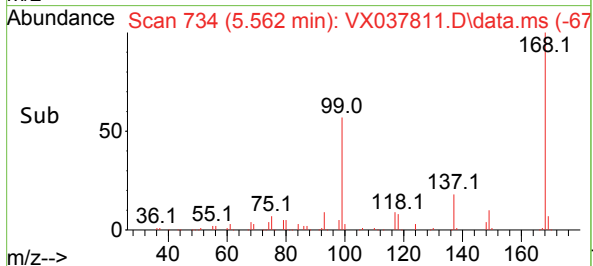


#31
Cyclohexane
Concen: 1.228 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

Instrument :
MSVOA_X
ClientSampleId :

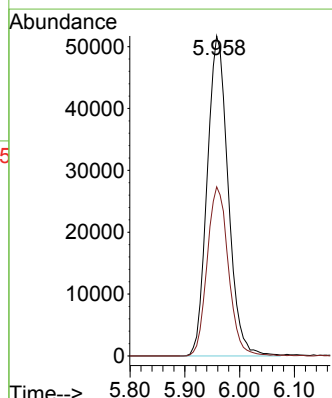
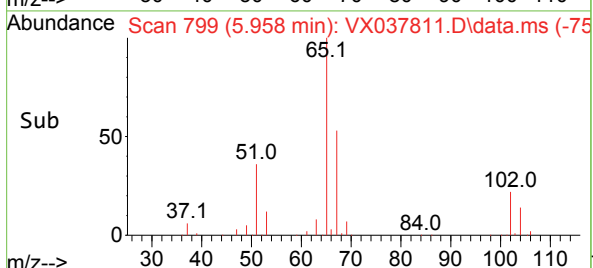
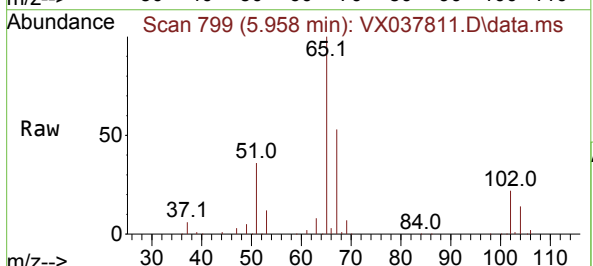


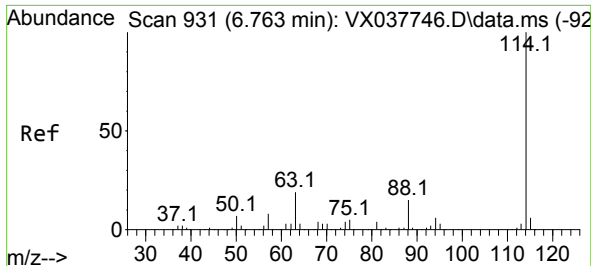
Tgt Ion: 56 Resp: 4523
Ion Ratio Lower Upper
56 100
69 151.3 23.4 35.2#
84 137.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.835 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

Tgt Ion: 65 Resp: 137225
Ion Ratio Lower Upper
65 100
67 53.6 0.0 100.2

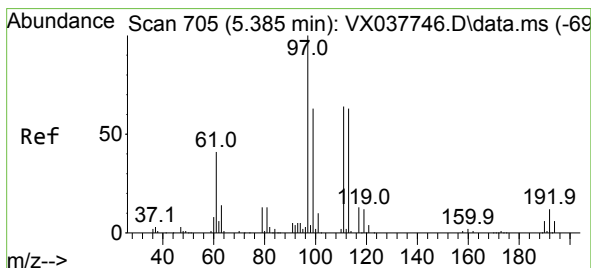
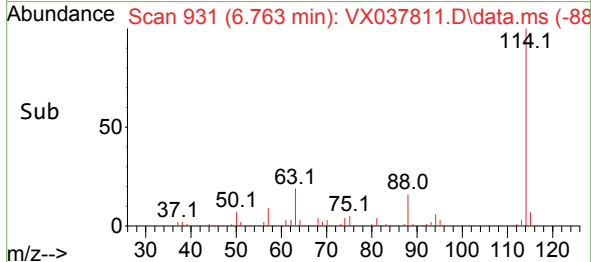
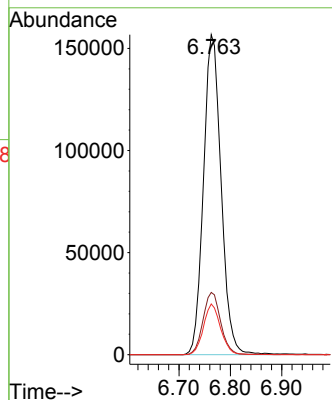
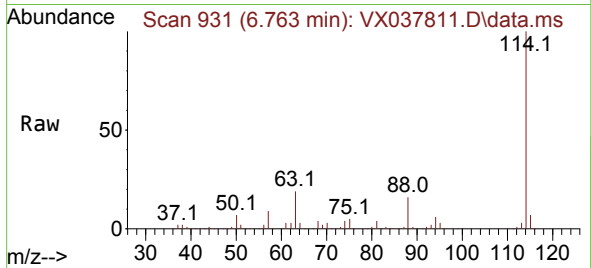




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

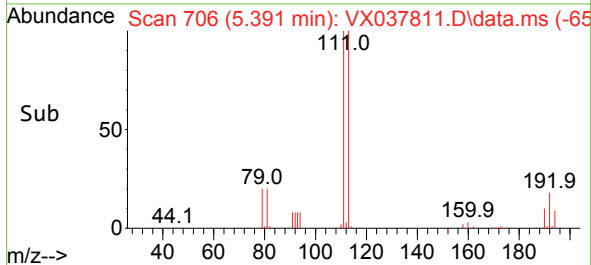
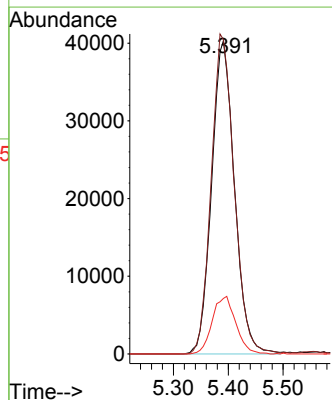
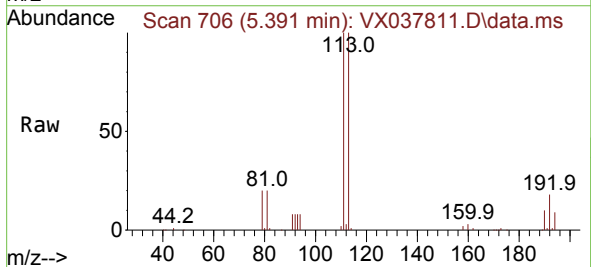
Instrument :
MSVOA_X
ClientSampleId :

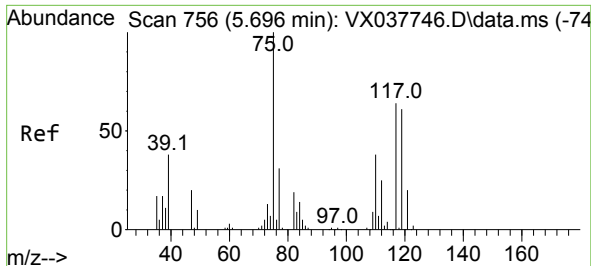
Tgt Ion:114 Resp: 373443
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.683 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

Tgt Ion:113 Resp: 116648
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.9 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.871 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.141 min

Lab File: VX037811.D

Acq: 19 Sep 2023 17:13

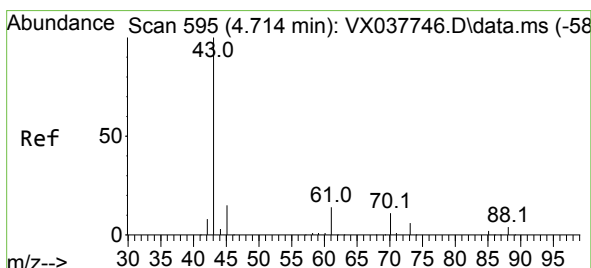
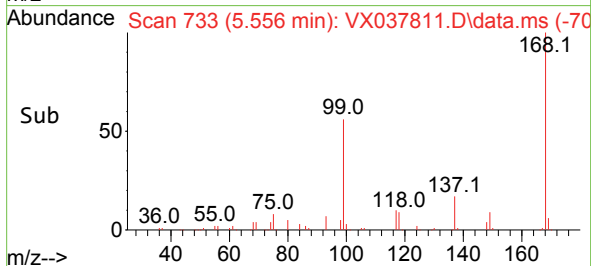
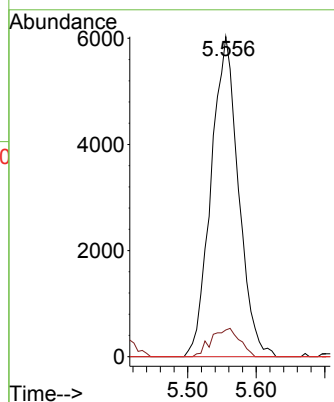
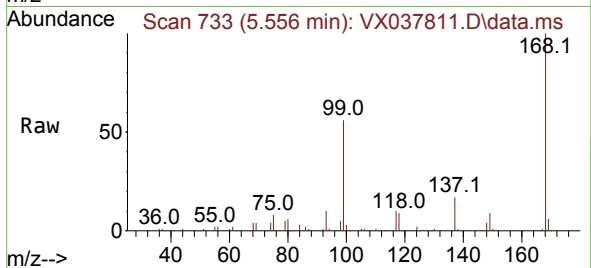
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 75 Resp: 16767

Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.0	50.9#
77	0.0	24.7	37.1#



#37

Ethyl Acetate

Concen: 0.998 ug/l

RT: 4.739 min Scan# 599

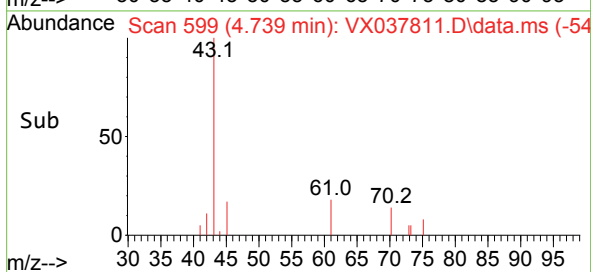
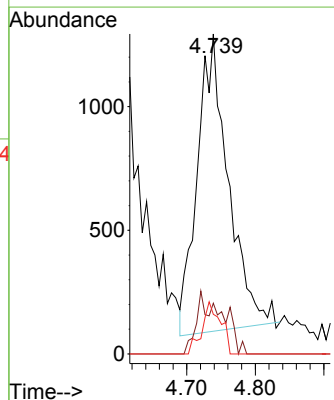
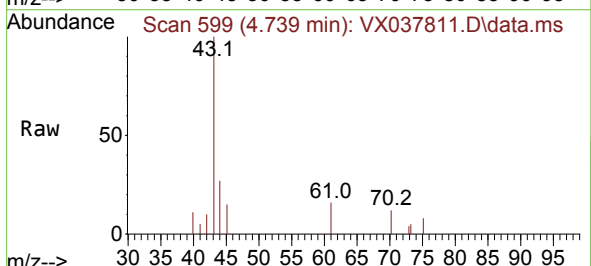
Delta R.T. 0.006 min

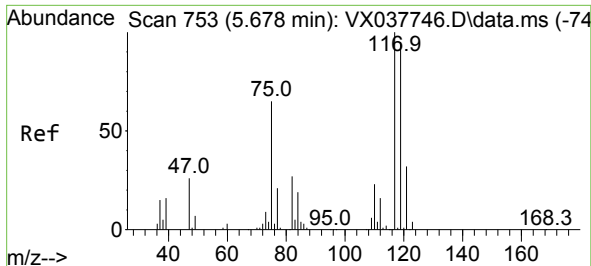
Lab File: VX037811.D

Acq: 19 Sep 2023 17:13

Tgt Ion: 43 Resp: 3775

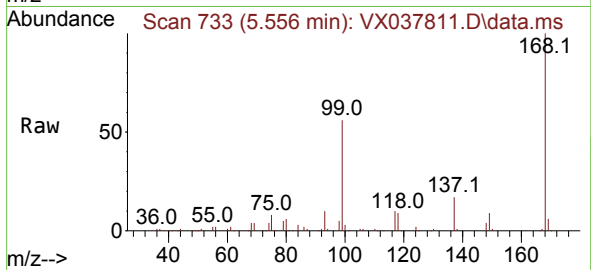
Ion	Ratio	Lower	Upper
43	100		
61	7.8	10.6	16.0#
70	10.6	8.3	12.5



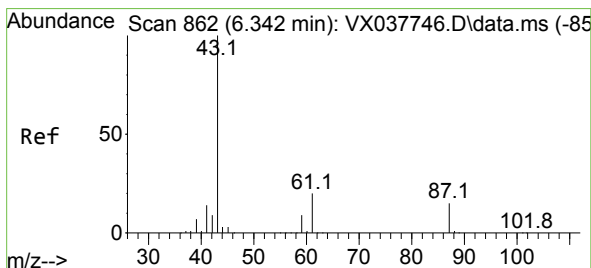
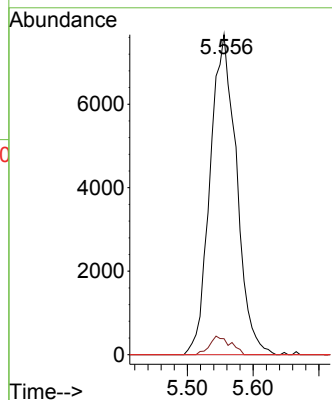
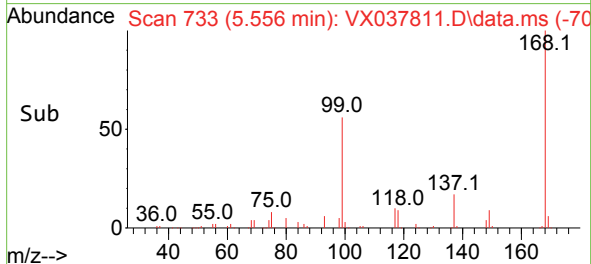


#38
Carbon Tetrachloride
Concen: 5.953 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

Instrument :
MSVOA_X
ClientSampleId :

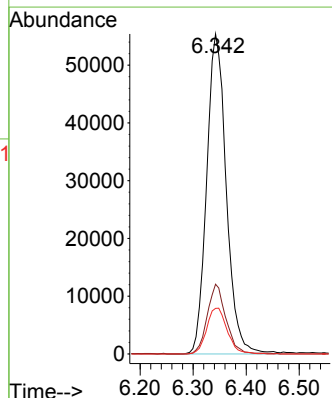
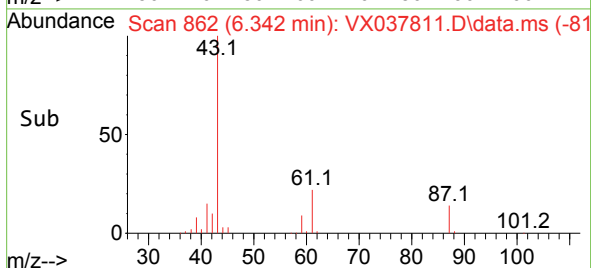
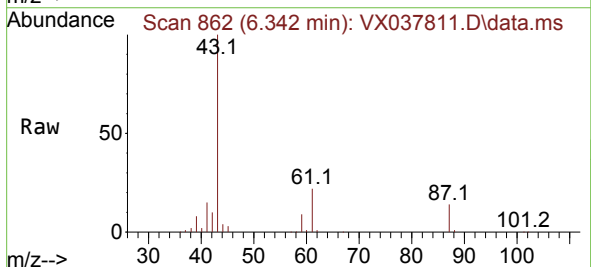


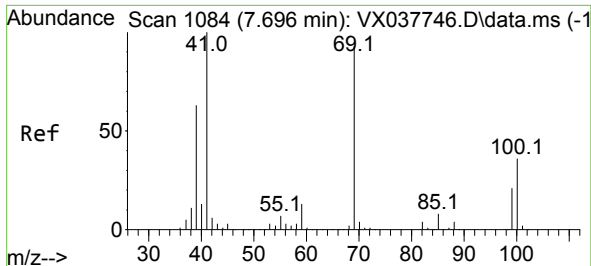
Tgt Ion:117 Resp: 21440
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 23.559 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

Tgt Ion: 43 Resp: 142554
Ion Ratio Lower Upper
43 100
61 20.7 15.2 22.8
87 15.0 9.8 14.6#





#48

Methyl methacrylate

Concen: 46.308 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.097 min

Lab File: VX037811.D

Acq: 19 Sep 2023 17:13

Instrument :

MSVOA_X

ClientSampleId :

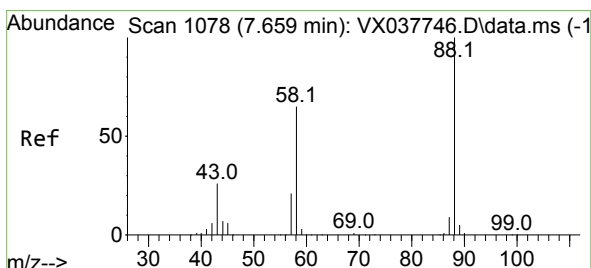
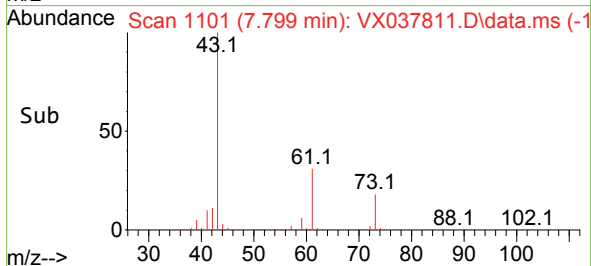
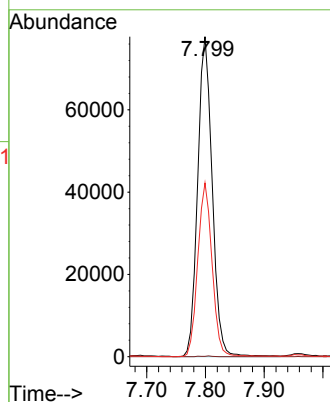
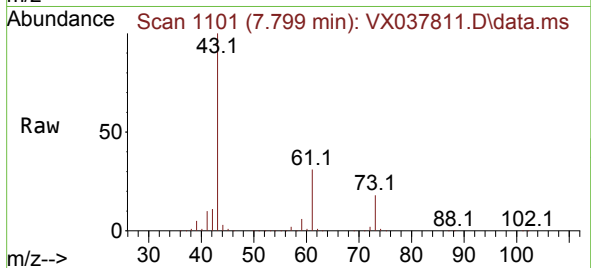
Tgt Ion: 41 Resp: 133949

Ion Ratio Lower Upper

41 100

69 0.2 59.2 88.8#

39 53.6 47.7 71.5



#49

1,4-Dioxane

Concen: 4.075 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.122 min

Lab File: VX037811.D

Acq: 19 Sep 2023 17:13

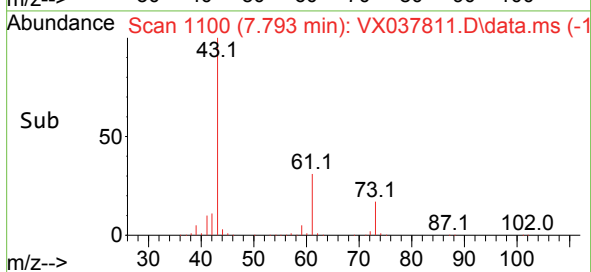
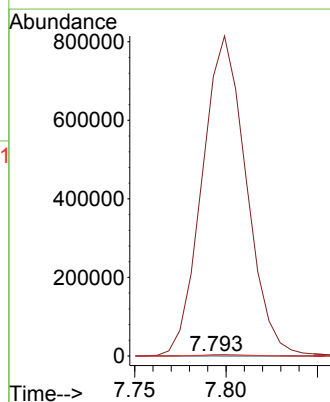
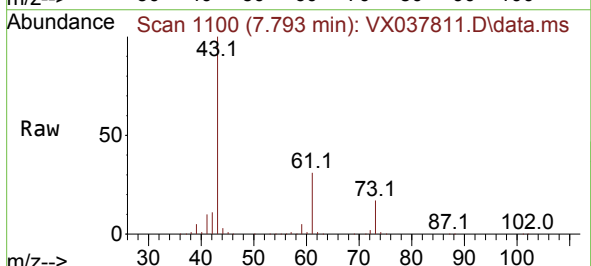
Tgt Ion: 88 Resp: 309

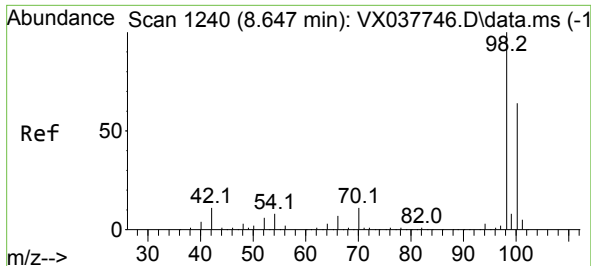
Ion Ratio Lower Upper

88 100

43 446670.9 0.0 0.0#

58 2074.1 60.1 90.1#

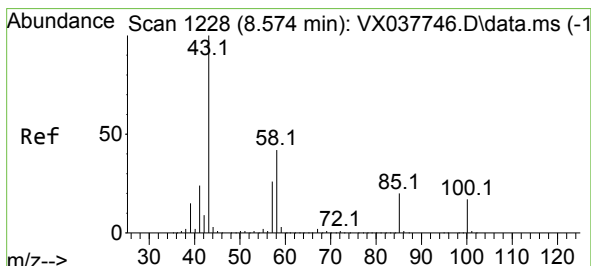
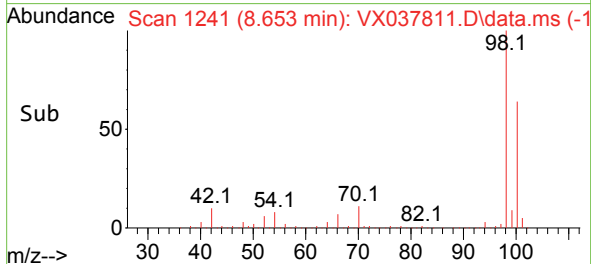
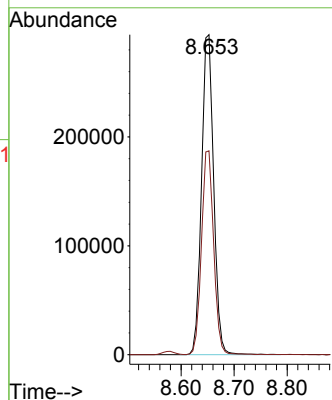
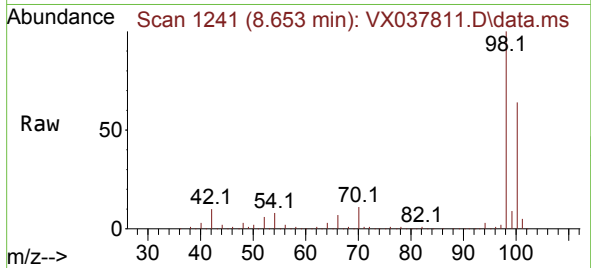




#50
Toluene-d8
Concen: 50.330 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

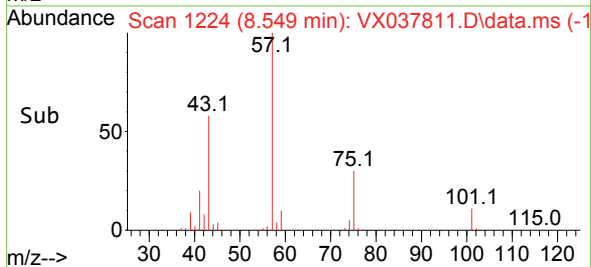
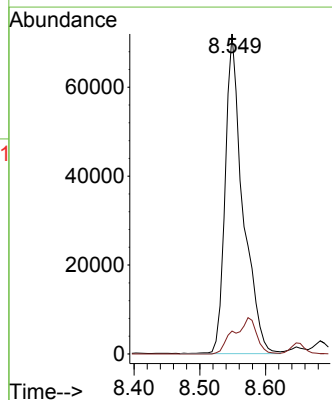
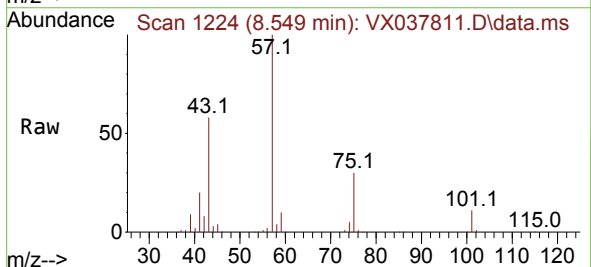
Instrument :
MSVOA_X
ClientSampleId :

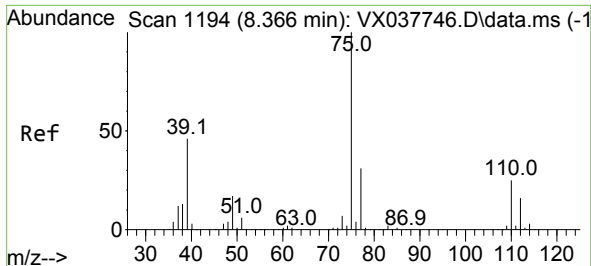
Tgt Ion: 98 Resp: 467284
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 35.060 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

Tgt Ion: 43 Resp: 134594
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

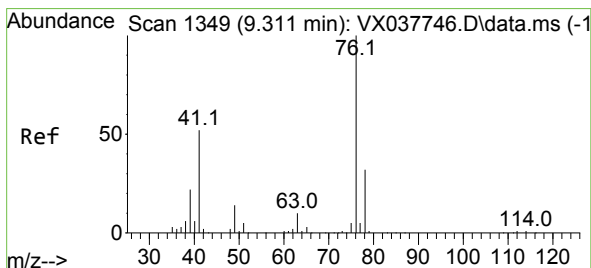
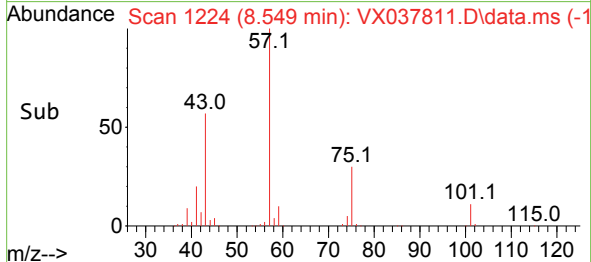
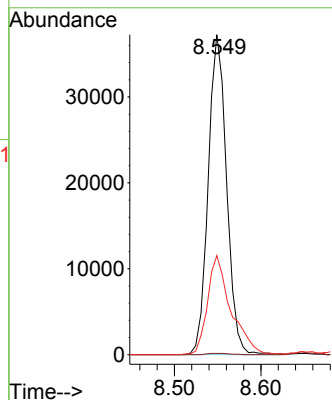
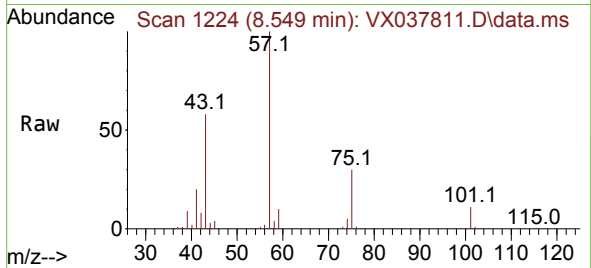




#54
 cis-1,3-Dichloropropene
 Concen: 13.029 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.176 min
 Lab File: VX037811.D
 Acq: 19 Sep 2023 17:13

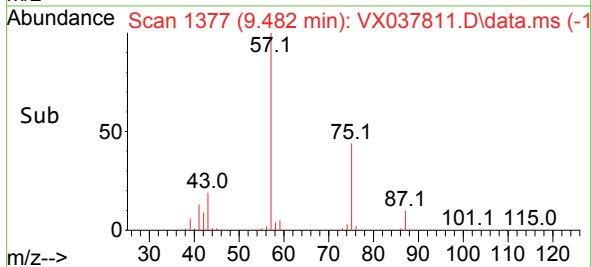
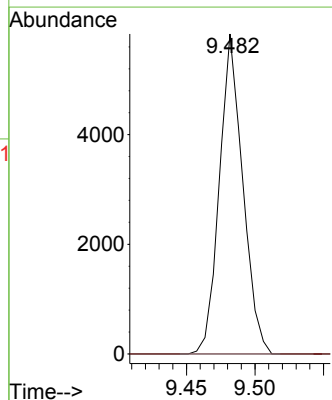
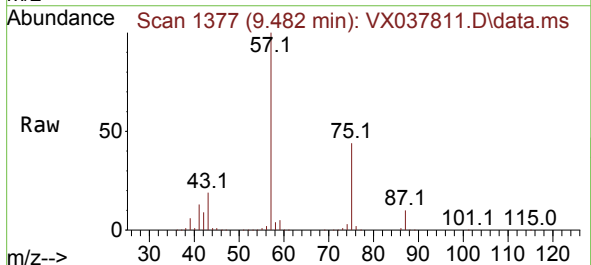
Instrument :
 MSVOA_X
 ClientSampleId :

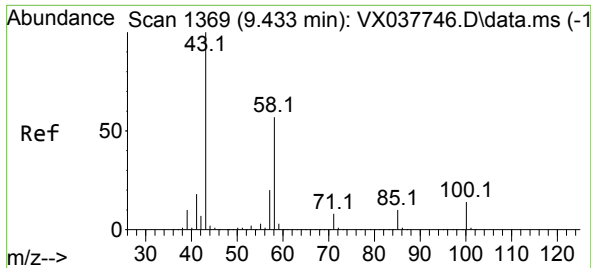
Tgt Ion: 75 Resp: 54908
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.3 37.9#
 39 30.9 46.7 70.1#



#57
 1,3-Dichloropropane
 Concen: 1.485 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.176 min
 Lab File: VX037811.D
 Acq: 19 Sep 2023 17:13

Tgt Ion: 76 Resp: 6910
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

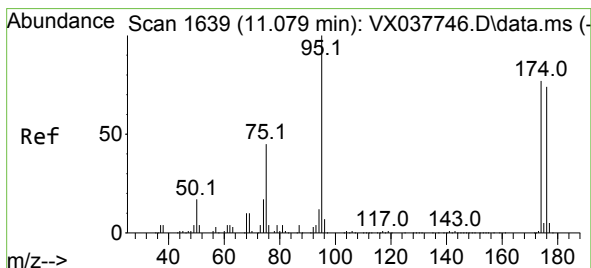
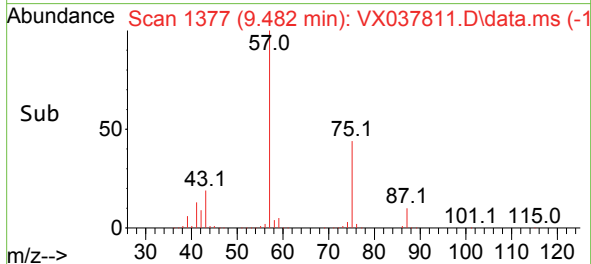
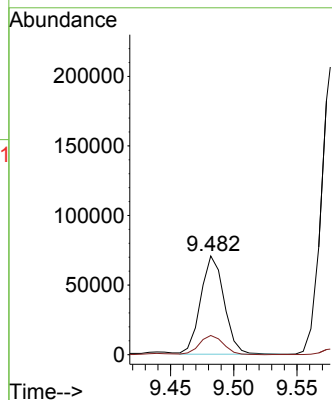
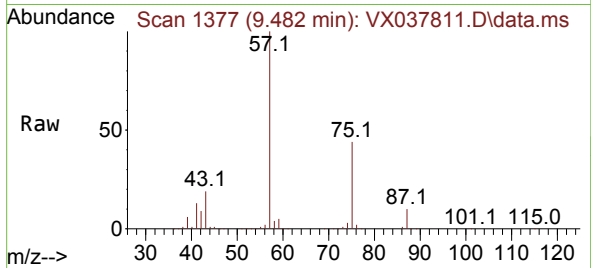




#59
2-Hexanone
Concen: 30.406 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.048 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

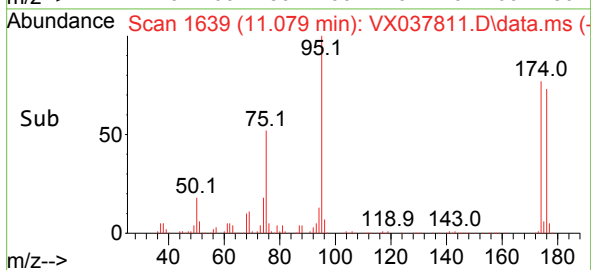
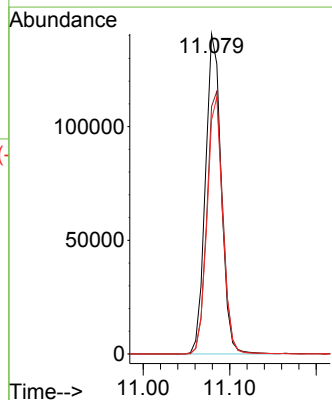
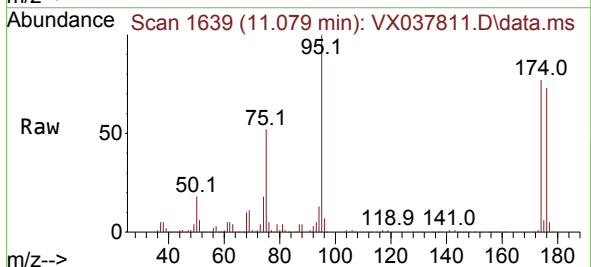
Instrument :
MSVOA_X
ClientSampleId :

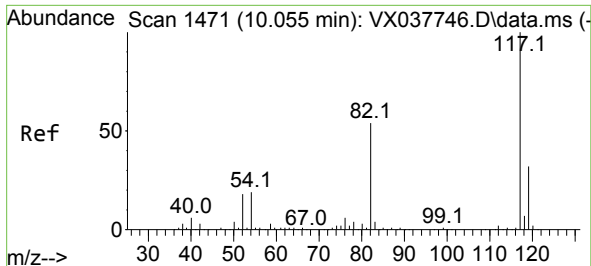
Tgt Ion: 43 Resp: 90886
Ion Ratio Lower Upper
43 100
58 20.2 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 52.816 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

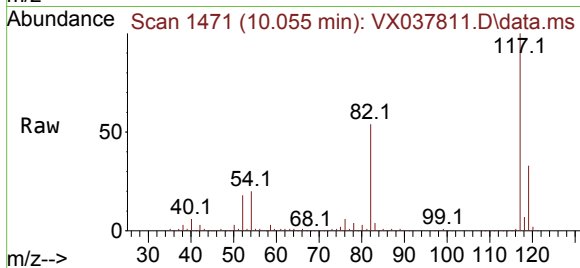
Tgt Ion: 95 Resp: 178189
Ion Ratio Lower Upper
95 100
174 83.1 0.0 135.6
176 79.5 0.0 131.0



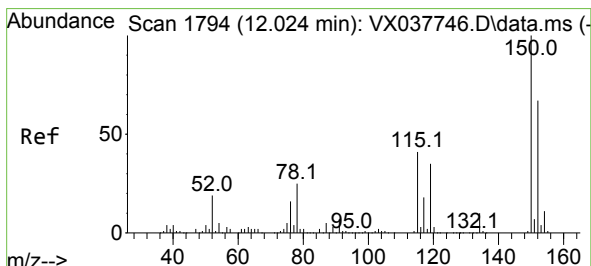
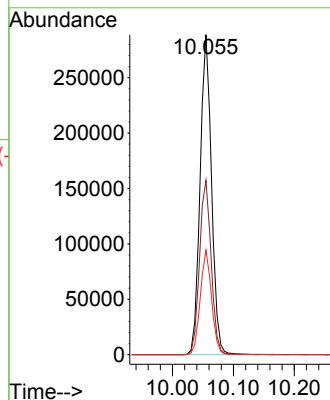
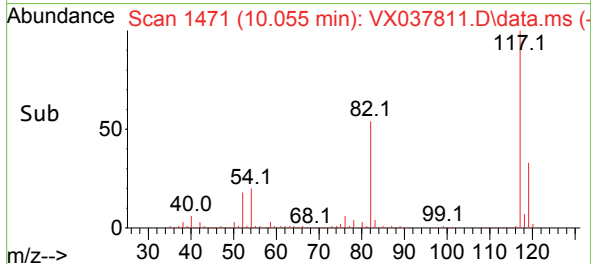


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

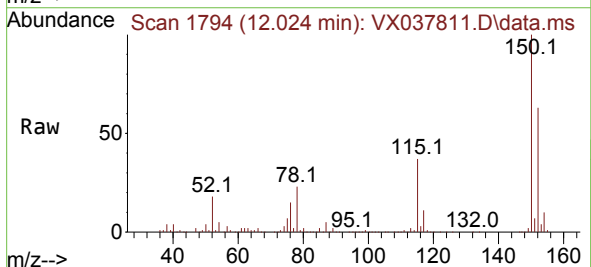
Instrument :
MSVOA_X
ClientSampleId :



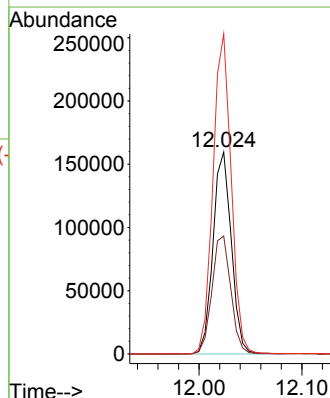
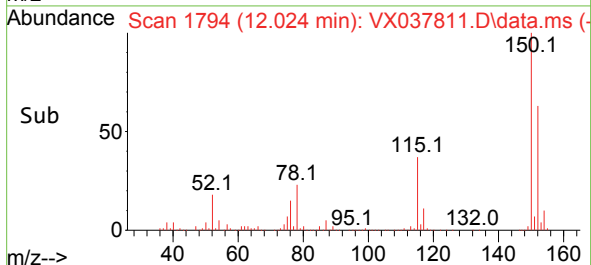
Tgt Ion:117 Resp: 376400
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 32.7 25.5 38.3

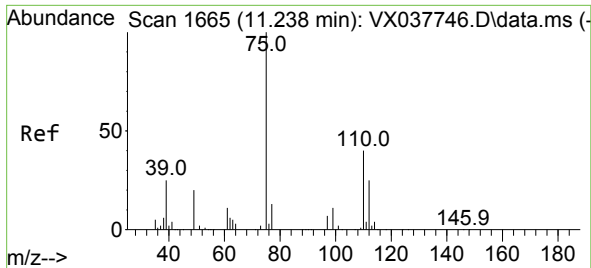


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13



Tgt Ion:152 Resp: 197021
Ion Ratio Lower Upper
152 100
115 60.3 43.3 129.9
150 157.8 0.0 345.0

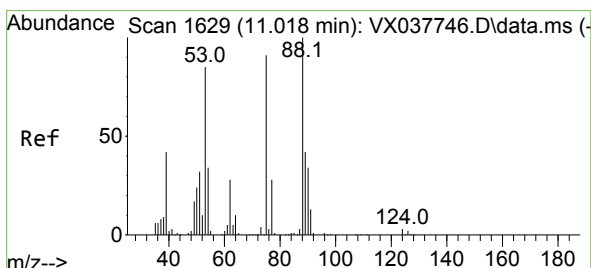
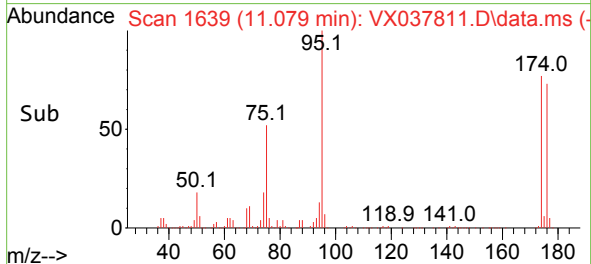
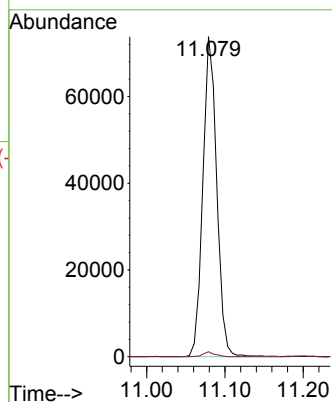
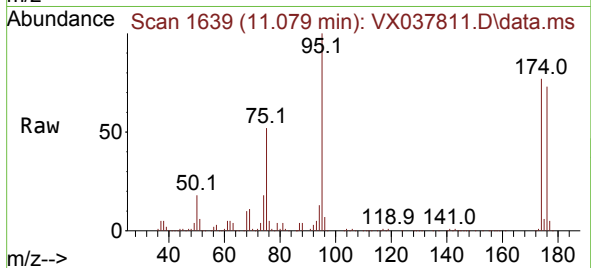




#76
1,2,3-Trichloropropane
Concen: 19.889 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 90631
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.711 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037811.D
Acq: 19 Sep 2023 17:13

Tgt Ion: 75 Resp: 90631
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

