

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038236.D
 Acq On : 11 Oct 2023 17:51
 Operator : JC/MD
 Sample : 04803-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 02:48:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

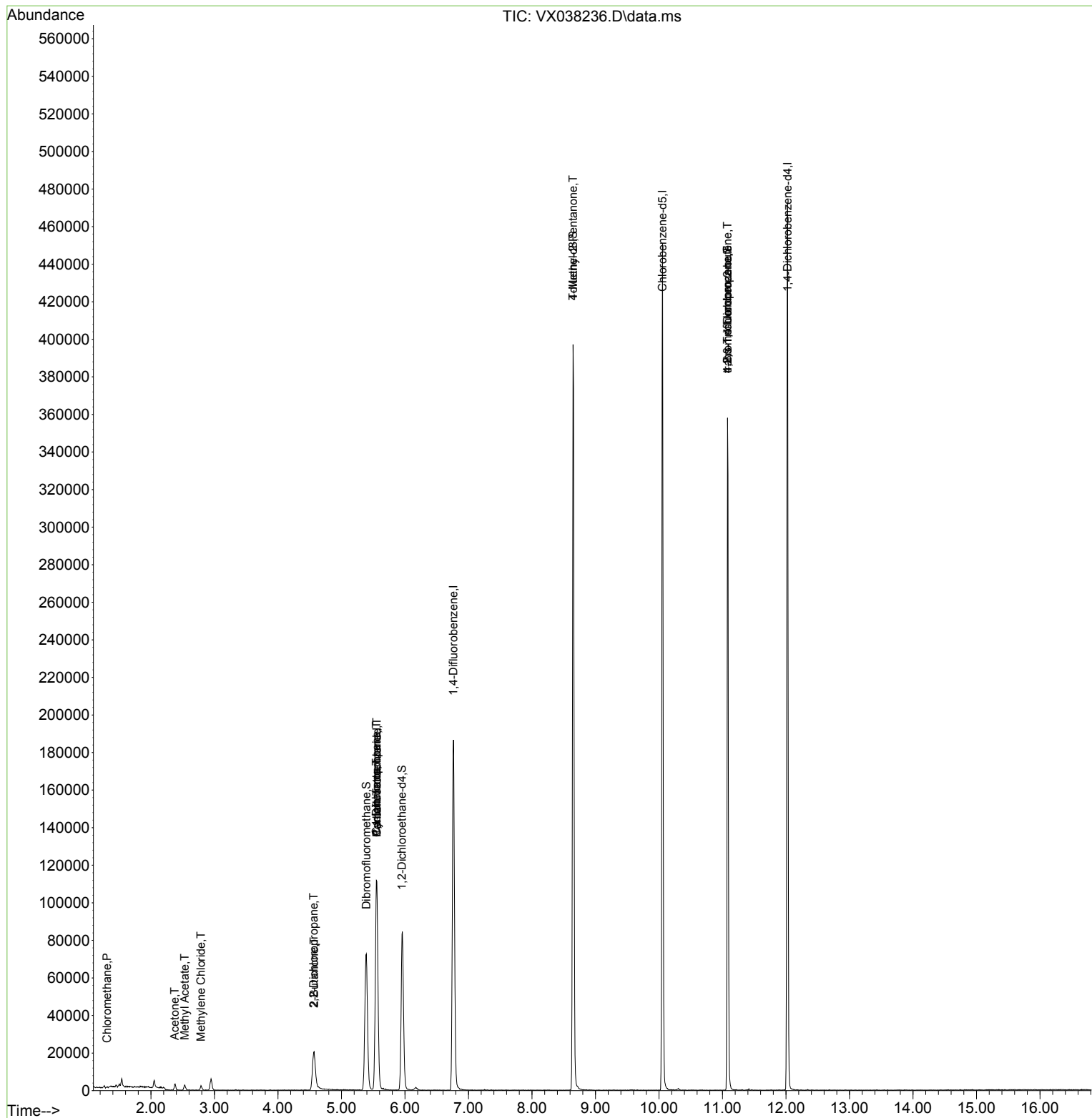
Internal Standards						
1) Pentafluorobenzene	5.556	168	105070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79037	46.768	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.540%
35) Dibromofluoromethane	5.391	113	62826	46.193	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.380%
50) Toluene-d8	8.647	98	239923	46.164	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.320%
62) 4-Bromofluorobenzene	11.079	95	90170	45.765	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.520%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	381	0.369	ug/l	92
5) Bromomethane	1.544	94	28	Below Cal	#	3
6) Chloroethane	1.691	64	100	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	3532	Below Cal	#	78
16) Acetone	2.374	43	3556	5.042	ug/l #	83
18) Methyl Acetate	2.532	43	811	0.268	ug/l #	53
20) Methylene Chloride	2.788	84	1049	0.791	ug/l #	83
25) 2-Butanone	4.568	43	1350	1.186	ug/l #	86
26) 2,2-Dichloropropane	4.562	77	1538	0.901	ug/l #	54
31) Cyclohexane	5.550	56	2625	1.434	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	9461	5.045	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10754	5.829	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1066	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49827	21.970	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49827	63.010	ug/l #	5

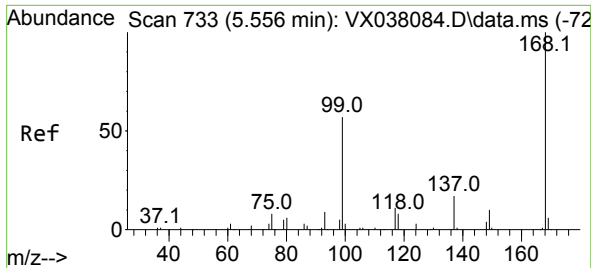
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
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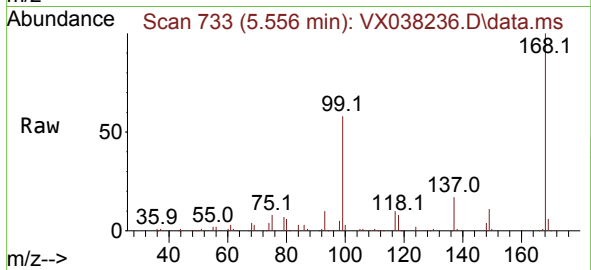
Quant Time: Oct 12 02:48:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



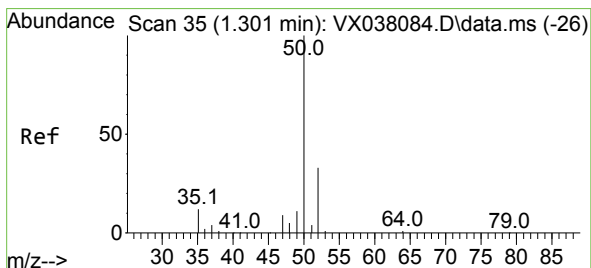
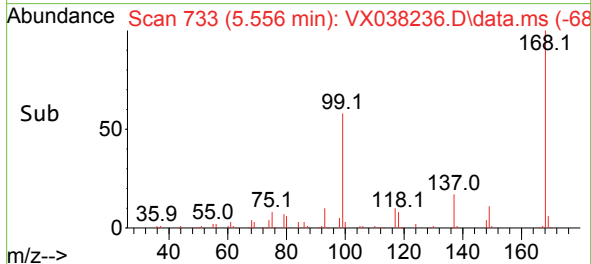
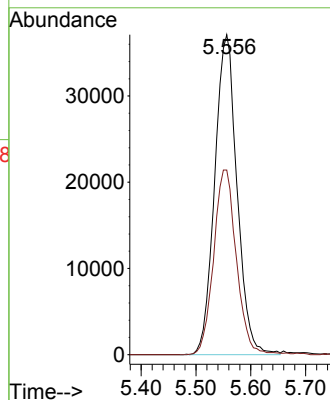


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :

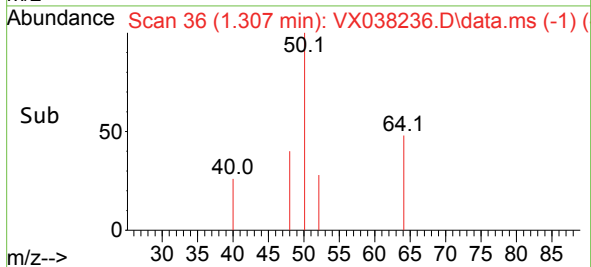
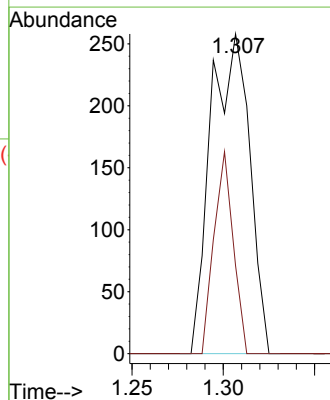
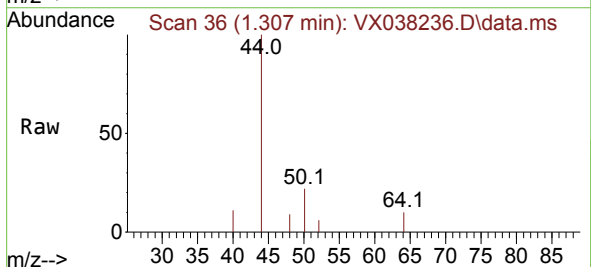


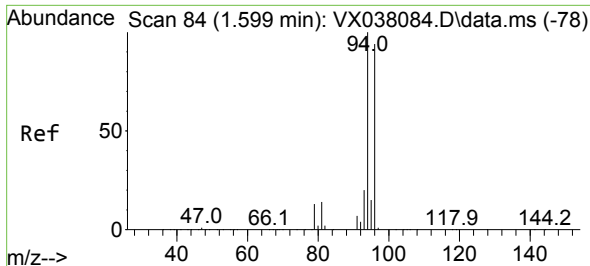
Tgt Ion:168 Resp: 105070
Ion Ratio Lower Upper
168 100
99 57.7 56.6 85.0



#3
Chloromethane
Concen: 0.369 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

Tgt Ion: 50 Resp: 381
Ion Ratio Lower Upper
50 100
52 27.5 25.5 38.3

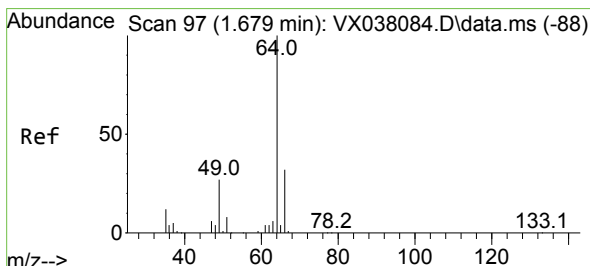
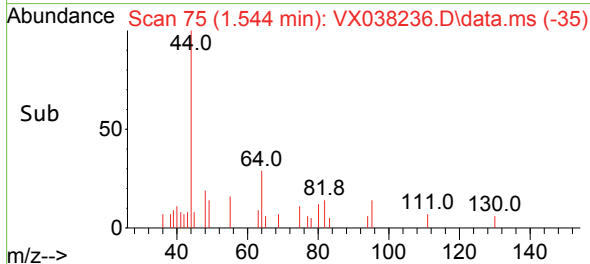
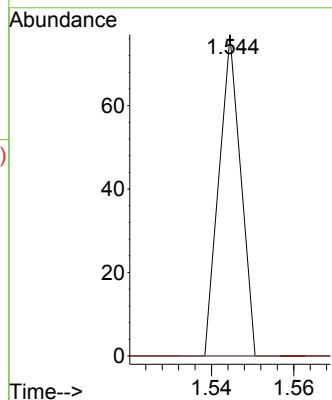
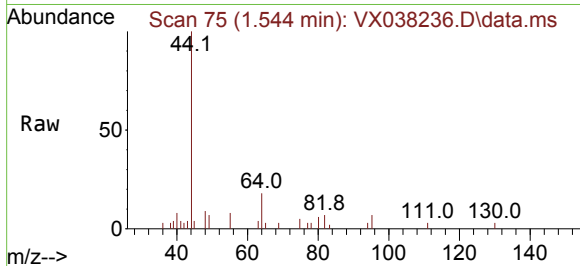




#5
Bromomethane
Concen: Below Cal
RT: 1.544 min Scan# 71
Delta R.T. -0.055 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

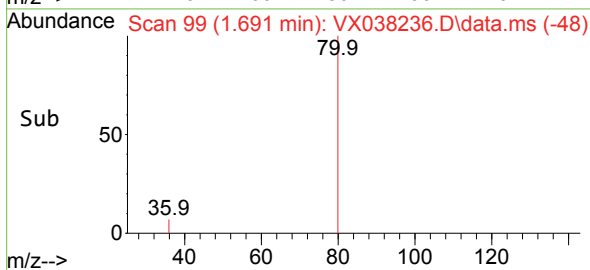
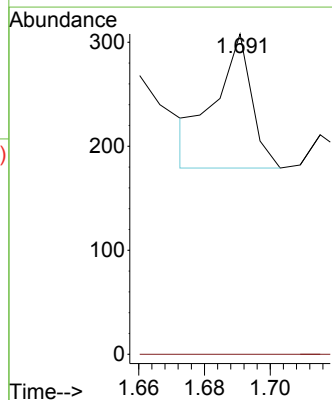
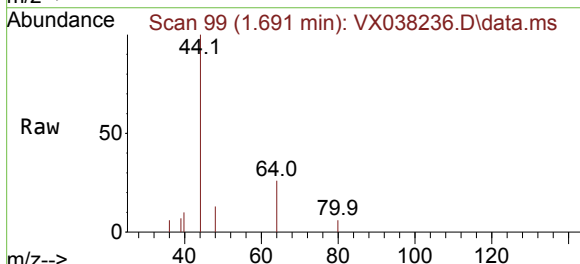
Instrument :
MSVOA_X
ClientSampleId :

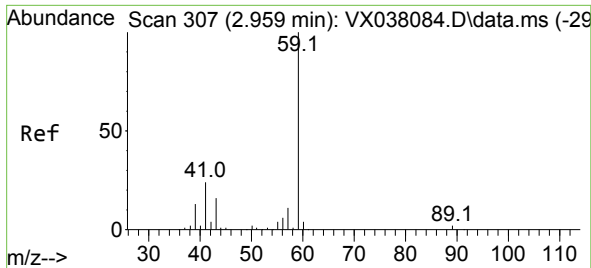
Tgt Ion: 94 Resp: 28
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

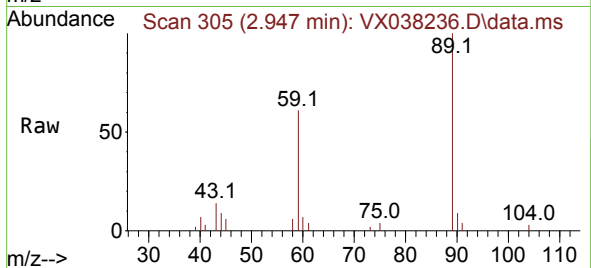
Tgt Ion: 64 Resp: 100
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



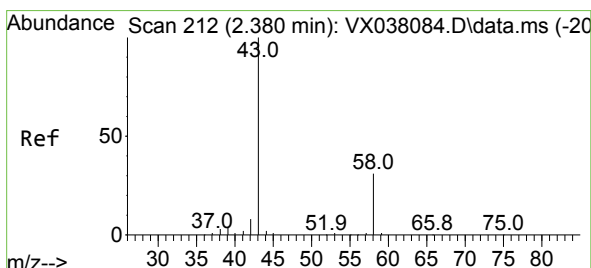
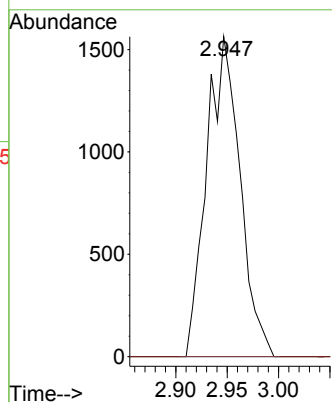
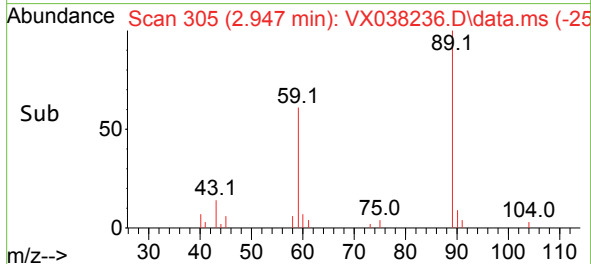


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :

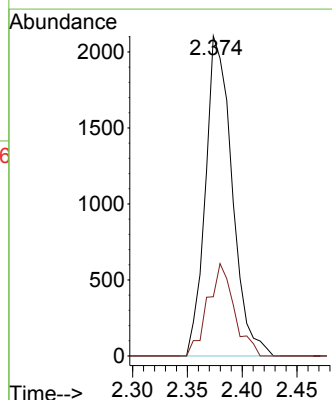
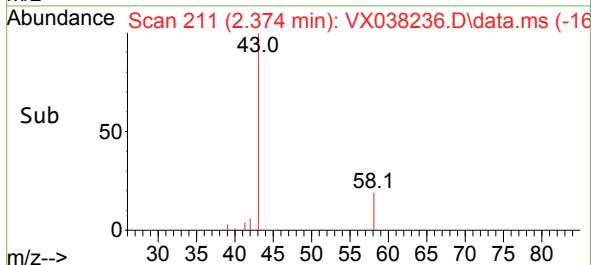
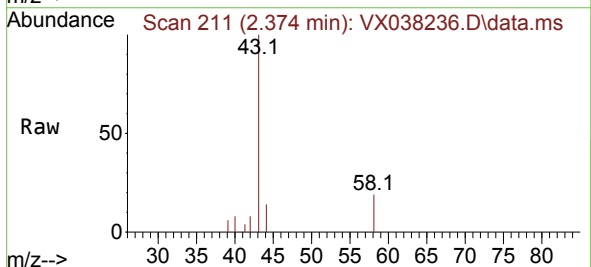


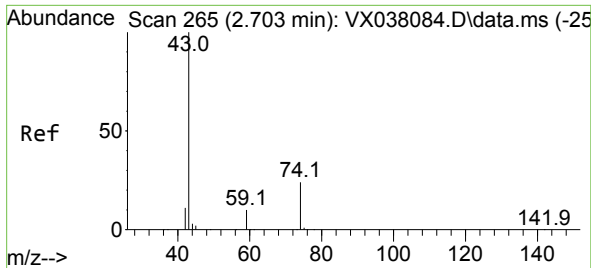
Tgt Ion: 59 Resp: 3532
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 5.042 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

Tgt Ion: 43 Resp: 3556
Ion Ratio Lower Upper
43 100
58 18.5 21.9 32.9#

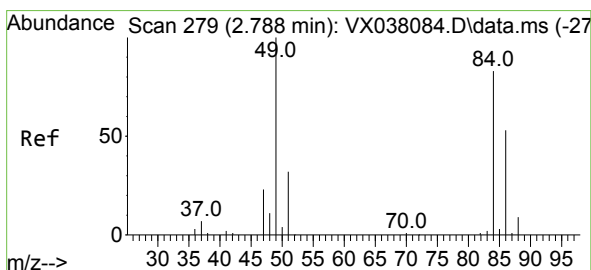
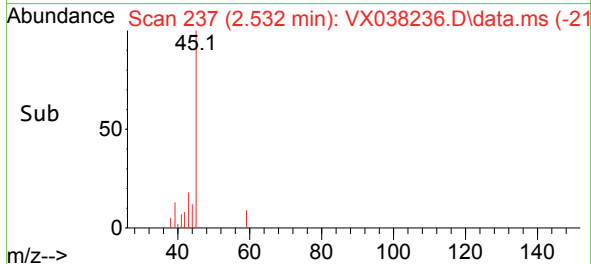
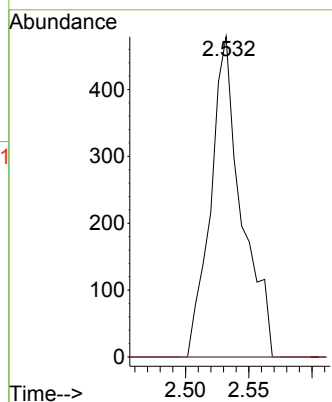
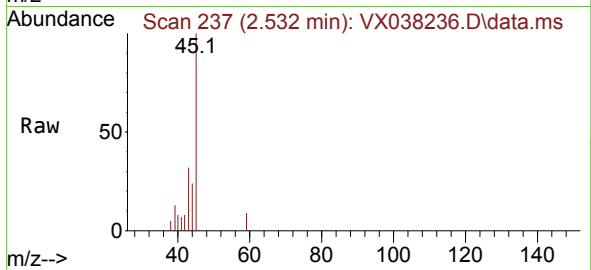




#18
Methyl Acetate
Concen: 0.268 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.171 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

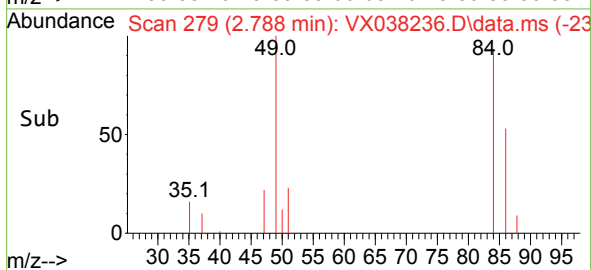
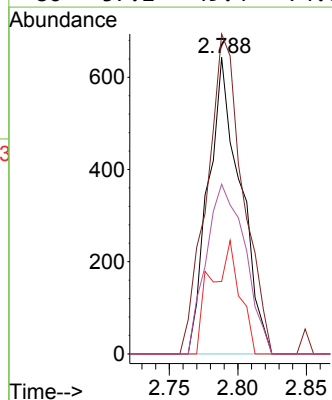
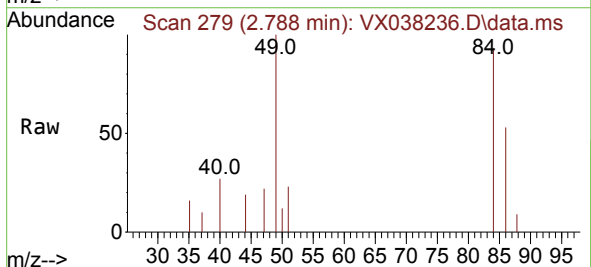
Instrument :
MSVOA_X
ClientSampleId :

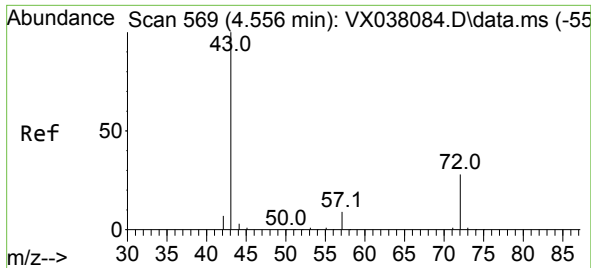
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.791 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

Tgt Ion: 84 Resp: 1049
Ion Ratio Lower Upper
84 100
49 107.9 103.6 155.4
51 24.4 33.8 50.6#
86 57.2 49.4 74.0

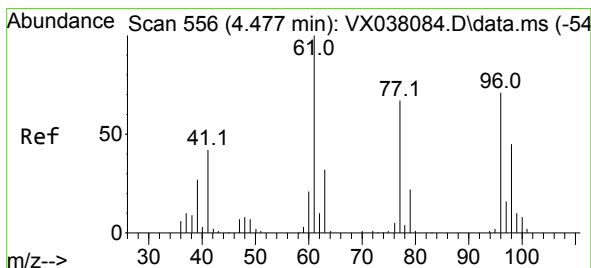
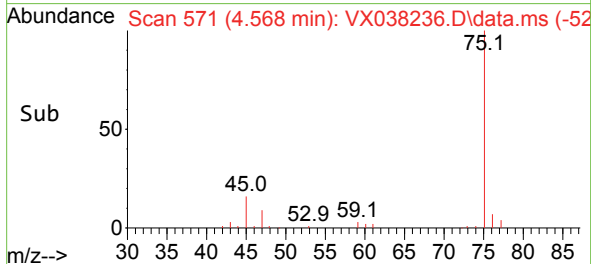
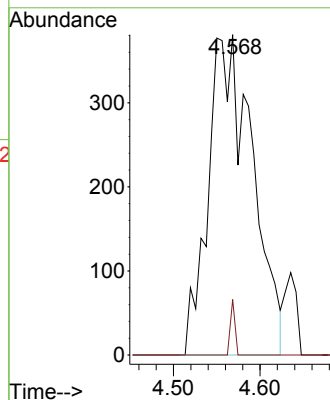
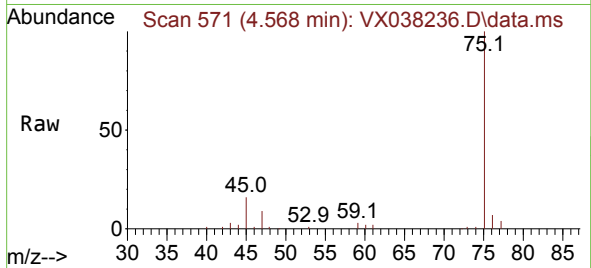




#25
2-Butanone
Concen: 1.186 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

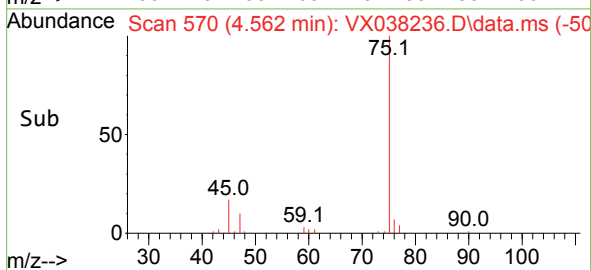
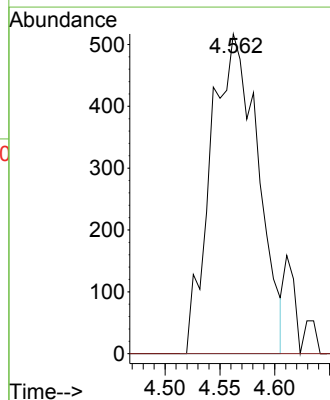
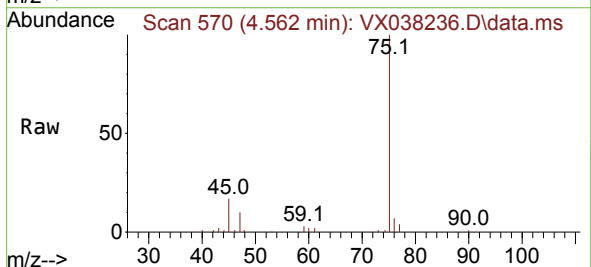
Instrument :
MSVOA_X
ClientSampleId :

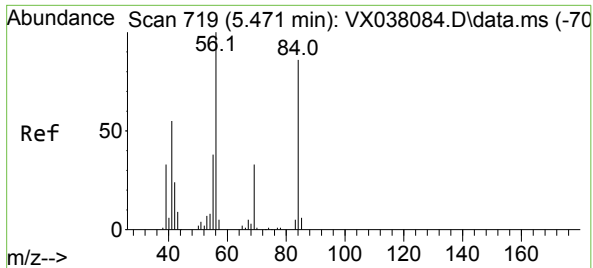
Tgt Ion: 43 Resp: 1350
Ion Ratio Lower Upper
43 100
72 17.3 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.901 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.085 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

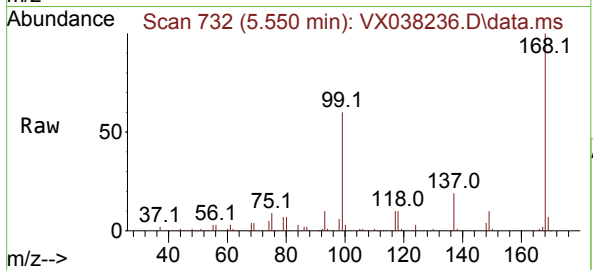
Tgt Ion: 77 Resp: 1538
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



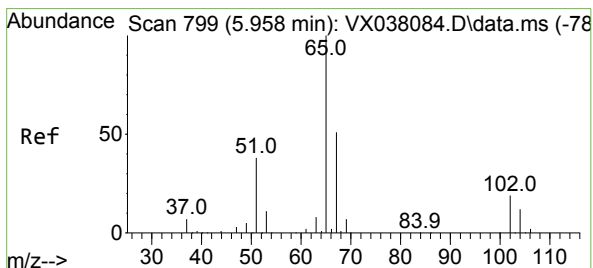
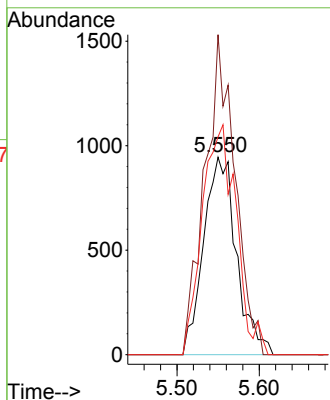
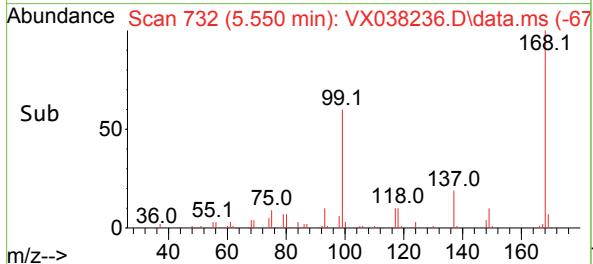


#31
Cyclohexane
Concen: 1.434 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :

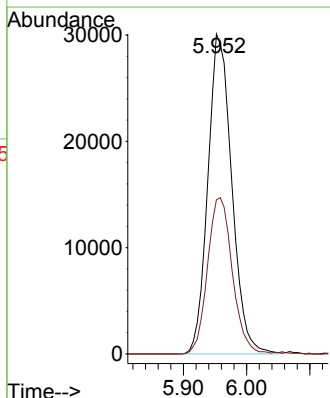
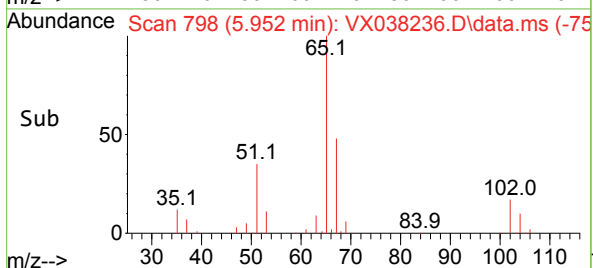
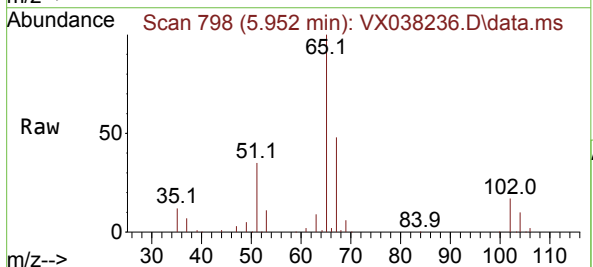


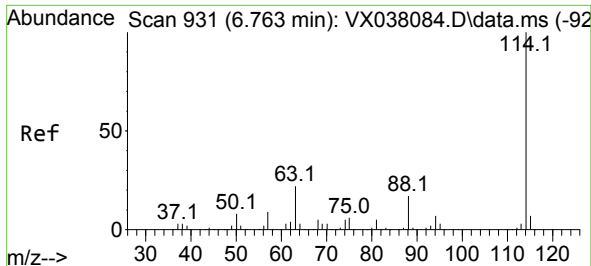
Tgt Ion: 56 Resp: 2625
Ion Ratio Lower Upper
56 100
69 162.0 23.4 35.2#
84 110.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.768 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

Tgt Ion: 65 Resp: 79037
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

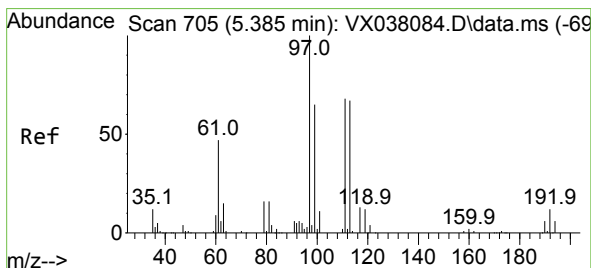
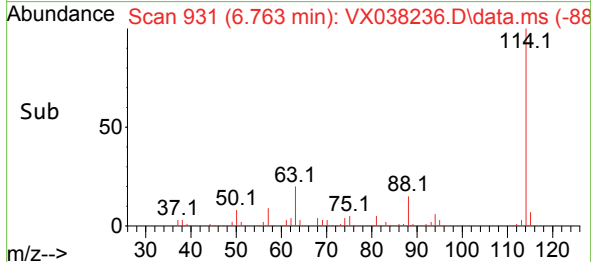
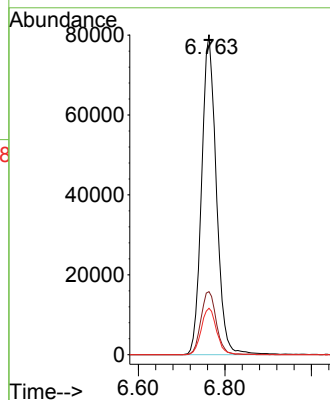
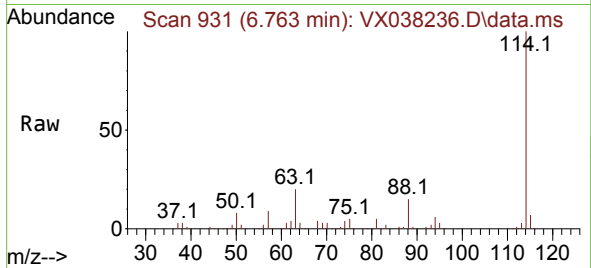




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

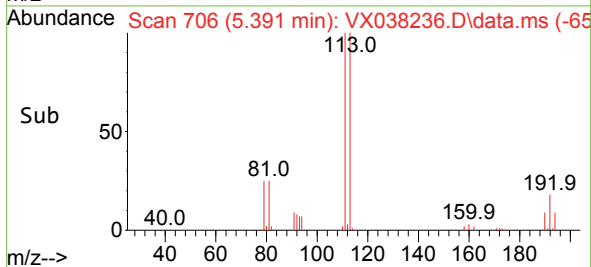
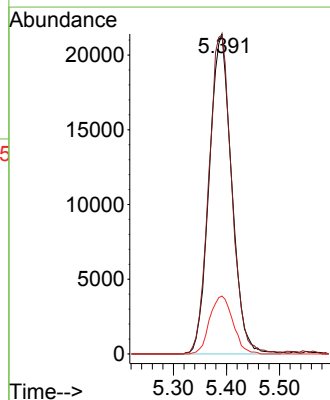
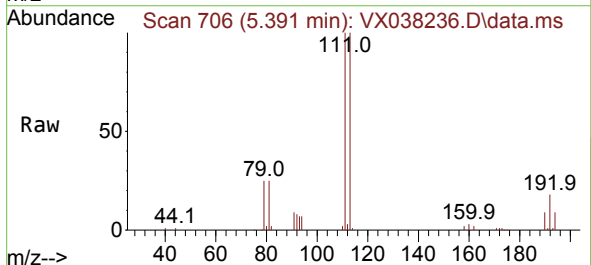
Instrument :
MSVOA_X
ClientSampleId :

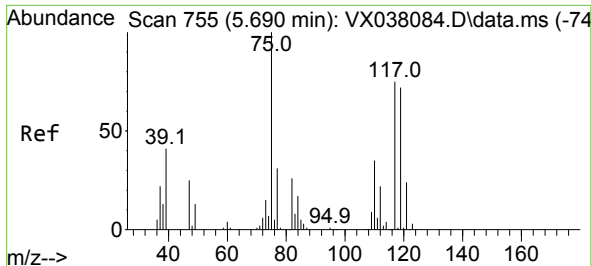
Tgt Ion:114 Resp: 188750
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 14.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.193 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

Tgt Ion:113 Resp: 62826
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.8 13.3 19.9

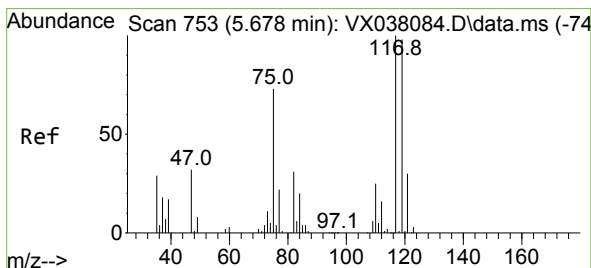
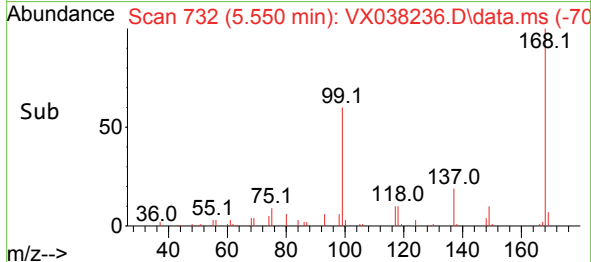
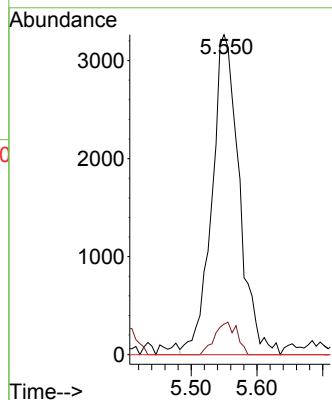
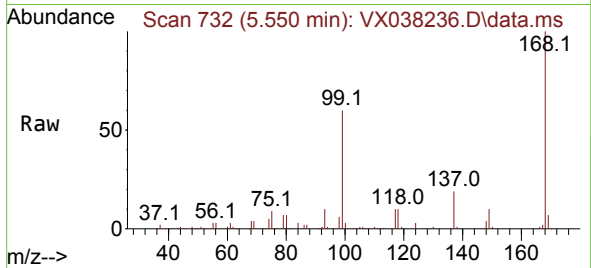




#36
1,1-Dichloropropene
Concen: 5.045 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

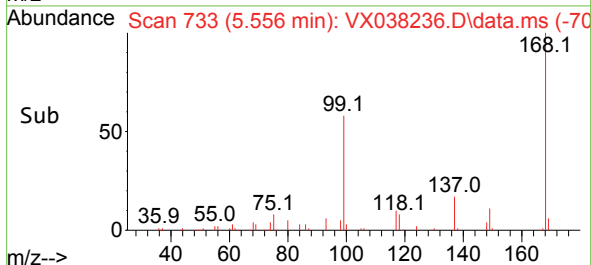
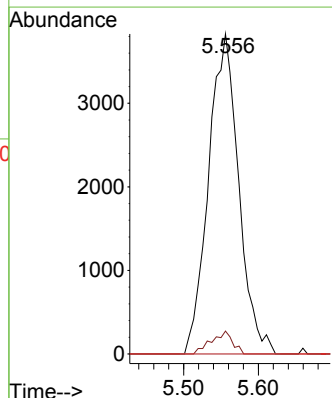
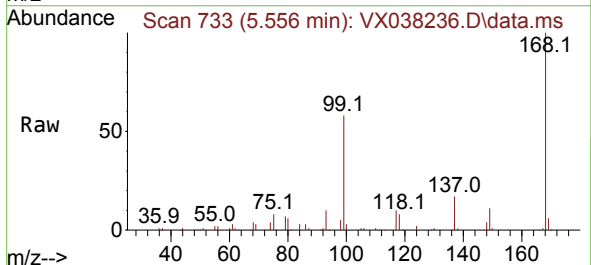
Instrument :
MSVOA_X
ClientSampleId :

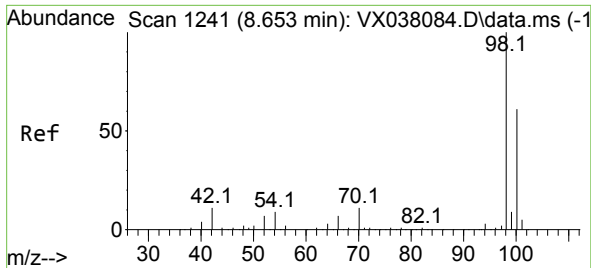
Tgt Ion: 75 Resp: 9461
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.829 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

Tgt Ion: 117 Resp: 10754
Ion Ratio Lower Upper
117 100
119 7.1 78.2 117.2#
121 0.0 24.4 36.6#

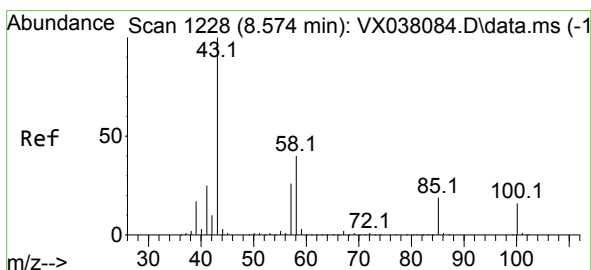
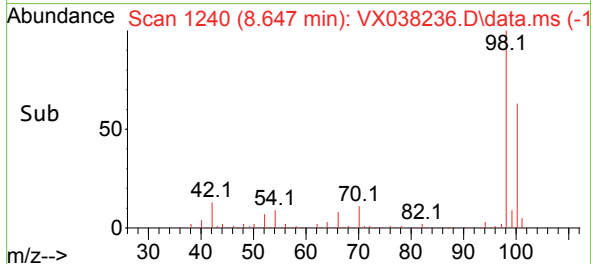
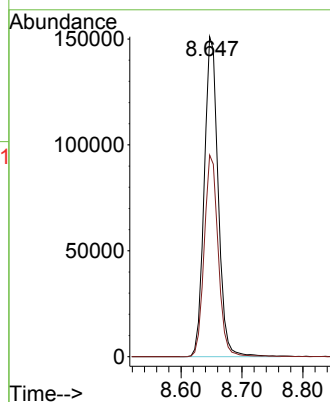
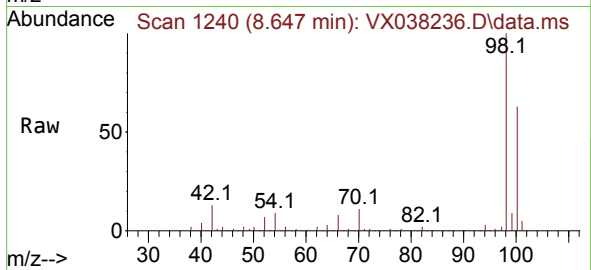




#50
Toluene-d8
Concen: 46.164 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

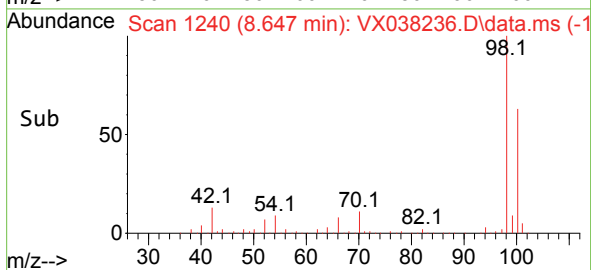
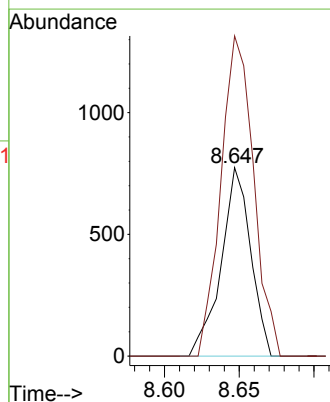
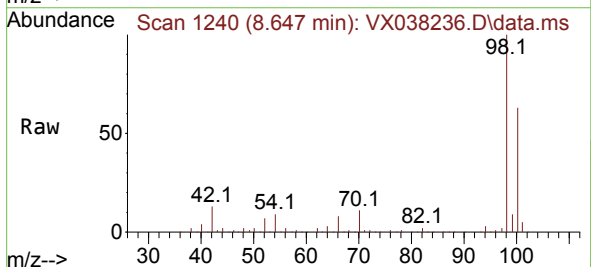
Instrument :
MSVOA_X
ClientSampleId :

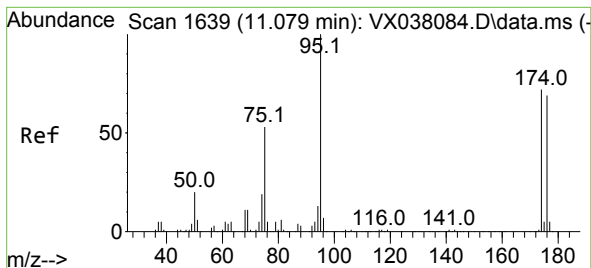
Tgt Ion: 98 Resp: 239923
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.465 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
58 187.2 30.4 45.6#

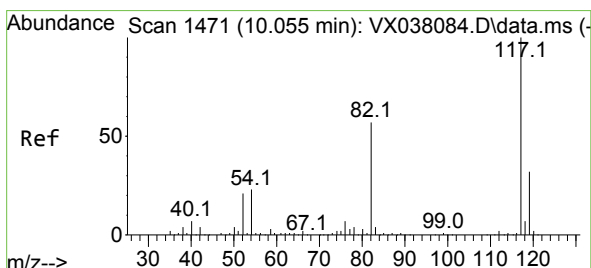
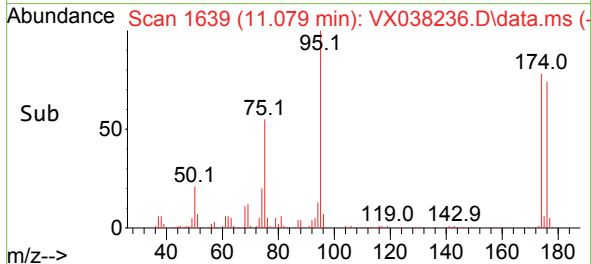
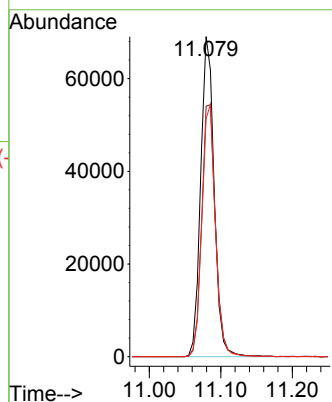
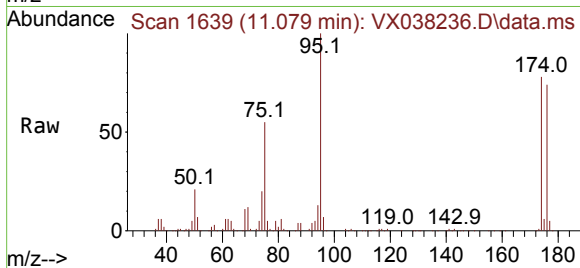




#62
4-Bromofluorobenzene
Concen: 45.765 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

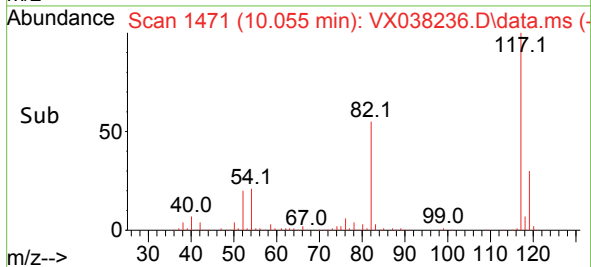
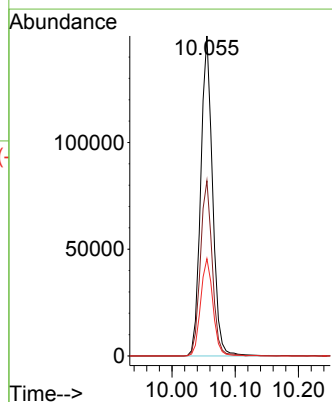
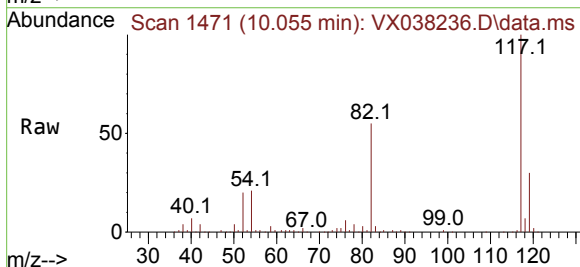
Instrument :
MSVOA_X
ClientSampleId :

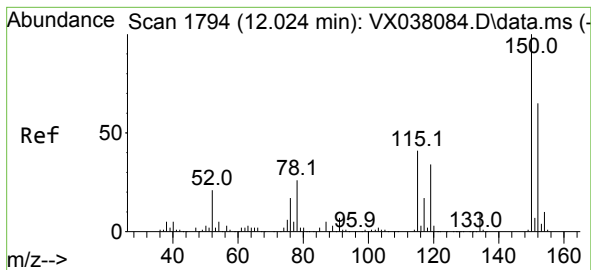
Tgt Ion: 95 Resp: 90170
Ion Ratio Lower Upper
95 100
174 81.3 0.0 135.6
176 78.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038236.D
Acq: 11 Oct 2023 17:51

Tgt Ion: 117 Resp: 195242
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 30.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038236.D

Acq: 11 Oct 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

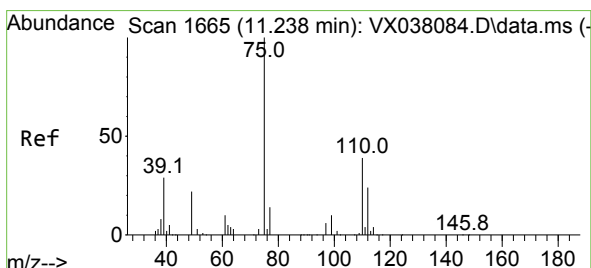
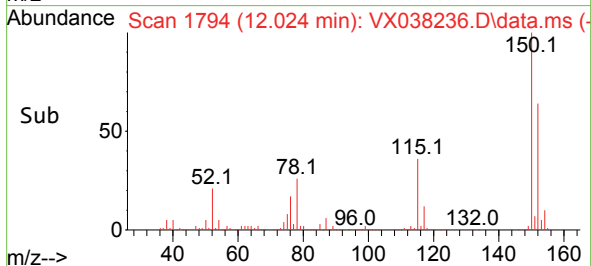
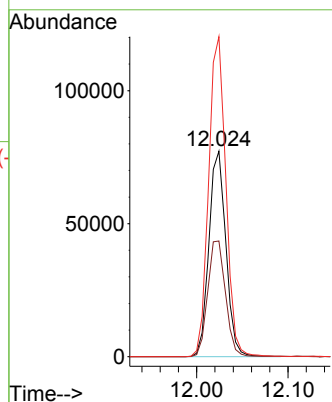
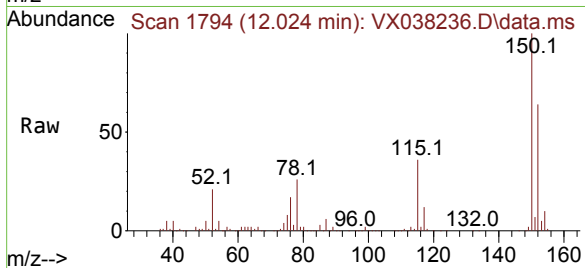
Tgt Ion:152 Resp: 99761

Ion Ratio Lower Upper

152 100

115 59.1 43.3 129.9

150 157.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.970 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038236.D

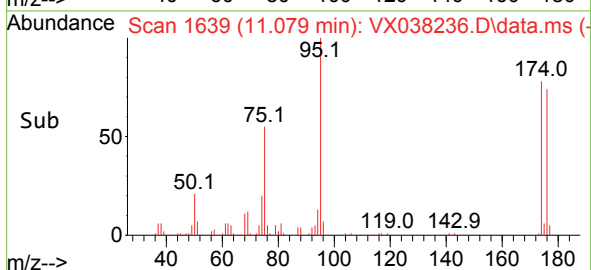
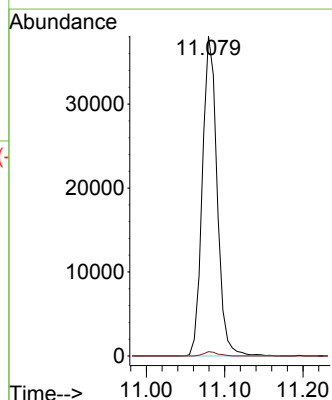
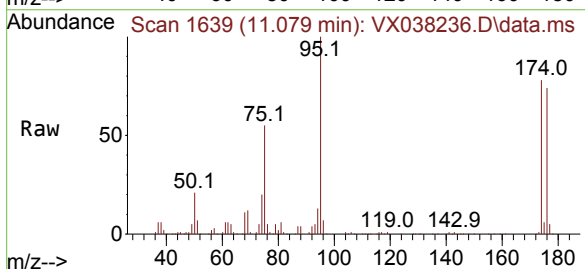
Acq: 11 Oct 2023 17:51

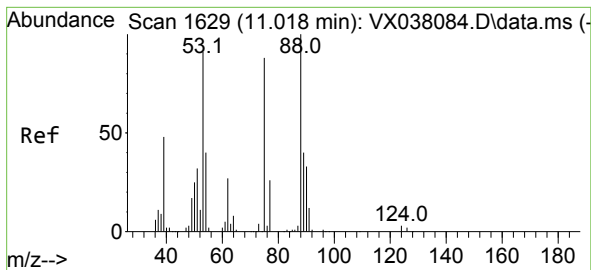
Tgt Ion: 75 Resp: 49827

Ion Ratio Lower Upper

75 100

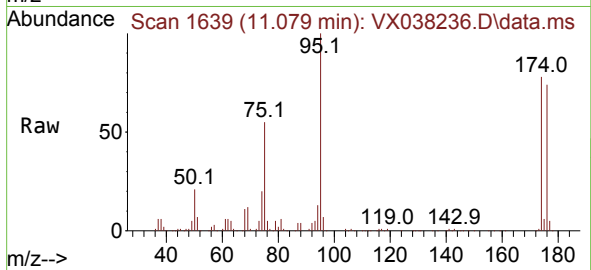
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.010 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038236.D
 Acq: 11 Oct 2023 17:51

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 49827
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

