

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX1112123\
 Data File : VX038986.D
 Acq On : 21 Nov 2023 15:50
 Operator : JC/MD
 Sample : 05407-08 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 03:21:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

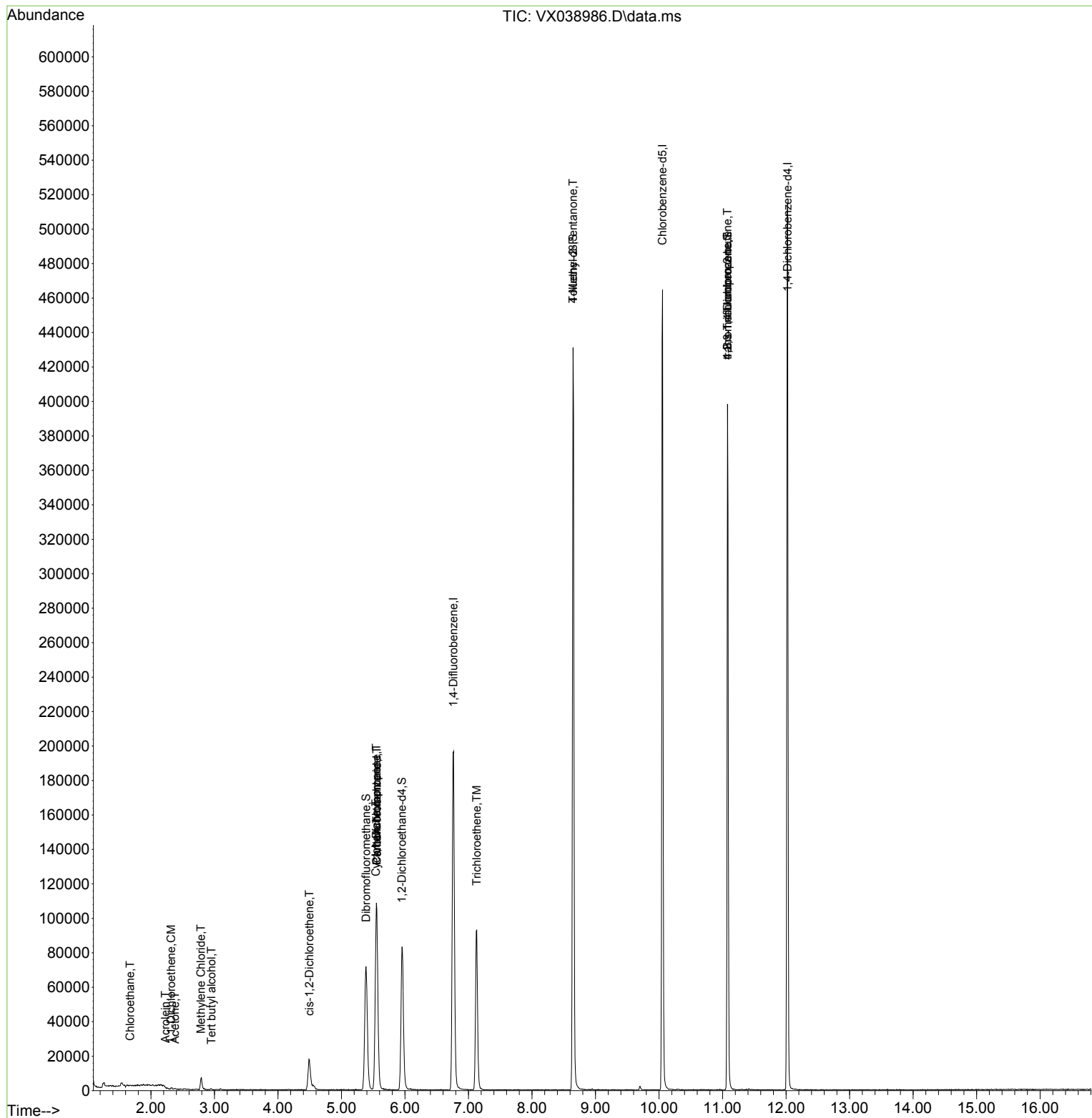
Internal Standards						
1) Pentafluorobenzene	5.556	168	94698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198702	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78863	51.683	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.360%
35) Dibromofluoromethane	5.385	113	64116	44.678	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.360%
50) Toluene-d8	8.647	98	252868	46.054	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.100%
62) 4-Bromofluorobenzene	11.079	95	109600	49.865	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.720%
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	220	0.277	ug/l #	43
11) Tert butyl alcohol	2.953	59	219	0.516	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	247	0.209	ug/l #	45
13) Acrolein	2.227	56	95	0.423	ug/l #	1
16) Acetone	2.380	43	774	0.953	ug/l #	47
20) Methylene Chloride	2.788	84	3045	2.079	ug/l #	85
27) cis-1,2-Dichloroethene	4.495	96	10483	6.906	ug/l	90
31) Cyclohexane	5.544	56	2745	1.260	ug/l #	22
36) 1,1-Dichloropropene	5.550	75	9270	4.507	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11008	5.791	ug/l #	13
44) Trichloroethene	7.129	130	34104	23.032	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	1388	0.507	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	57429	22.417	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57429	49.724	ug/l #	5

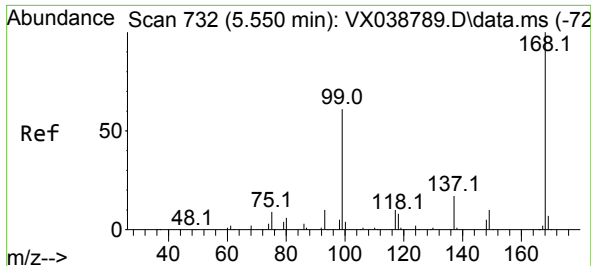
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
Data File : VX038986.D
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Nov 22 03:21:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

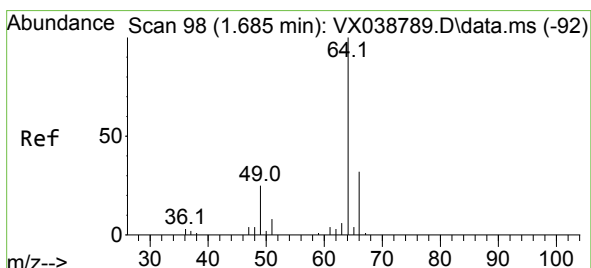
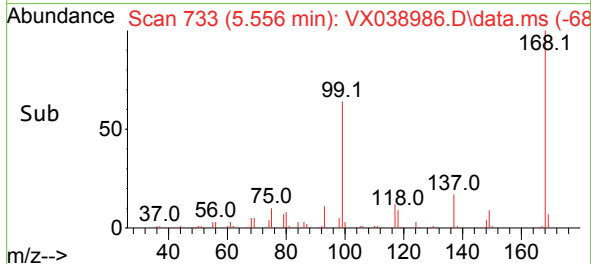
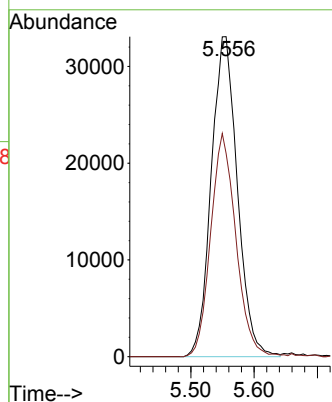
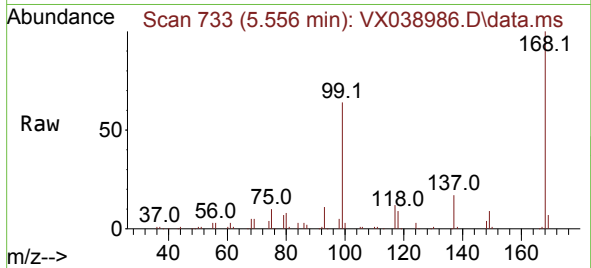




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038986.D
Acq: 21 Nov 2023 15:50

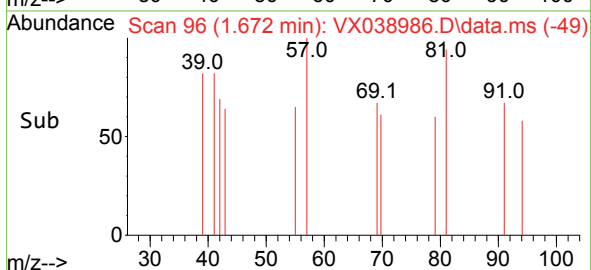
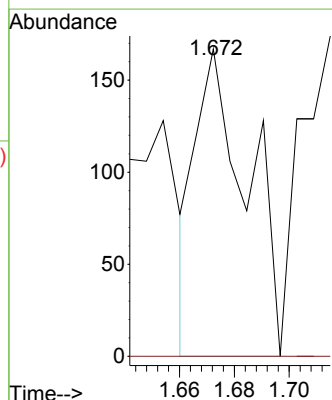
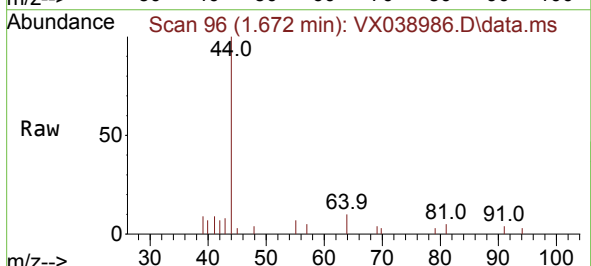
Instrument :
MSVOA_X
ClientSampleId :

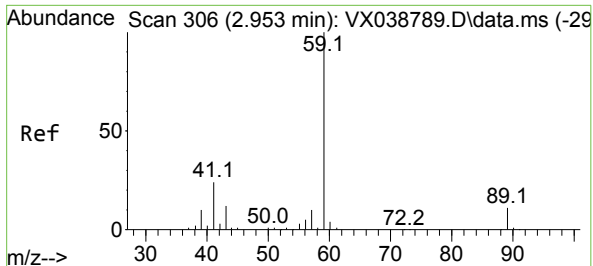
Tgt Ion:168 Resp: 94698
Ion Ratio Lower Upper
168 100
99 63.5 56.6 85.0



#6
Chloroethane
Concen: 0.277 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.013 min
Lab File: VX038986.D
Acq: 21 Nov 2023 15:50

Tgt Ion: 64 Resp: 220
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.516 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.000 min

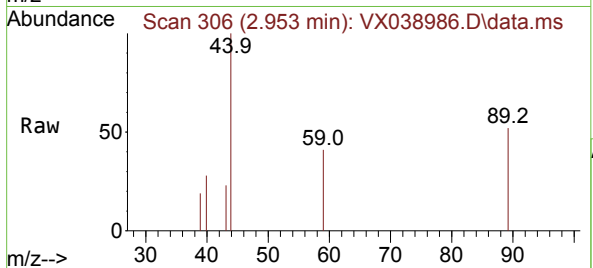
Lab File: VX038986.D

Acq: 21 Nov 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

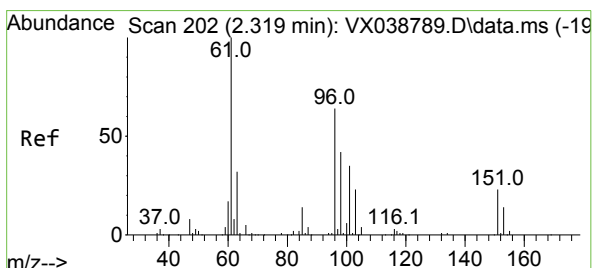
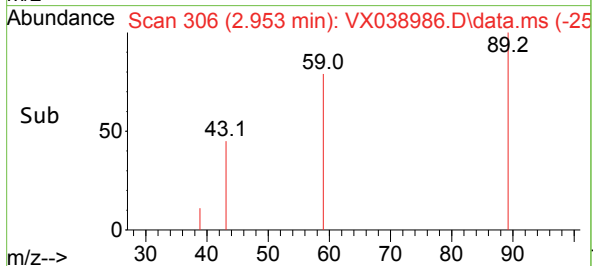
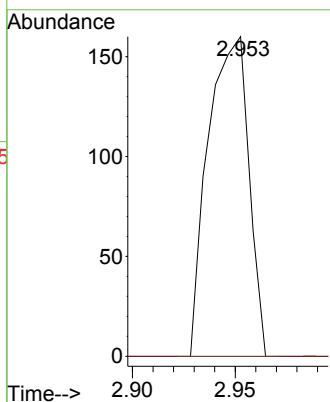


Tgt Ion: 59 Resp: 219

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.209 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038986.D

Acq: 21 Nov 2023 15:50

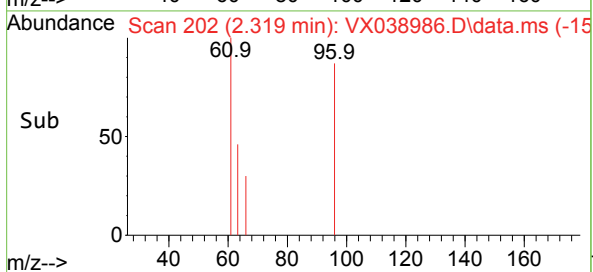
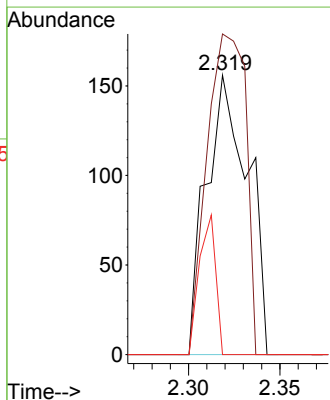
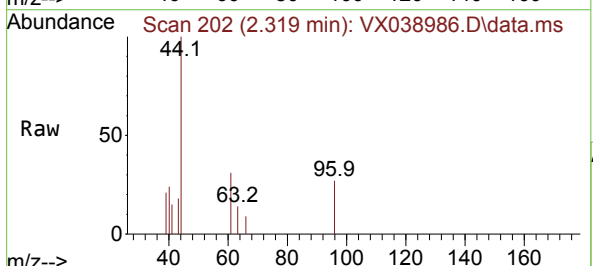
Tgt Ion: 96 Resp: 247

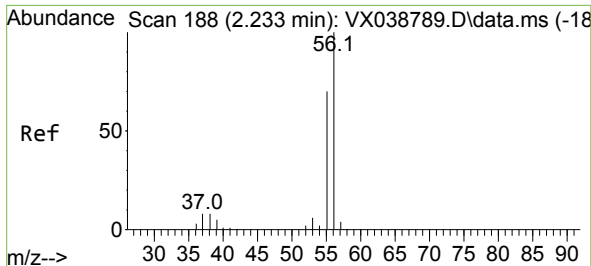
Ion Ratio Lower Upper

96 100

61 114.7 144.6 216.8#

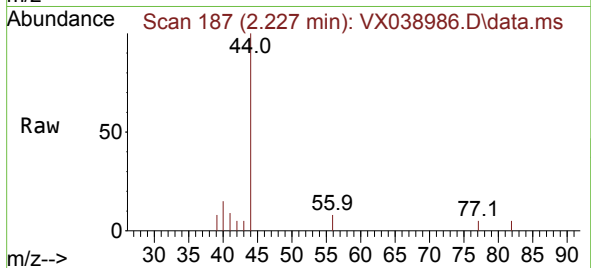
98 0.0 50.4 75.6#



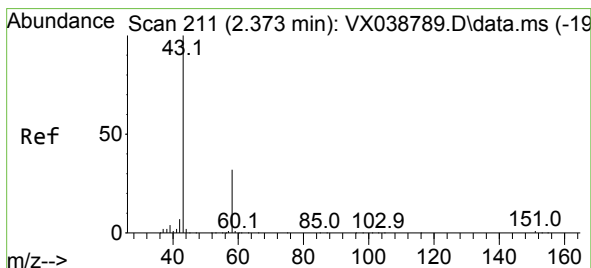
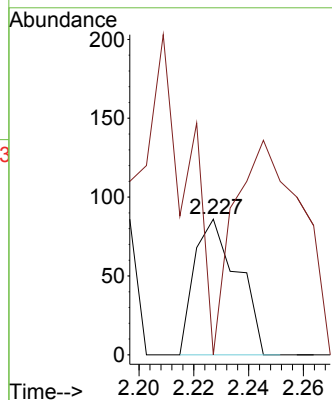
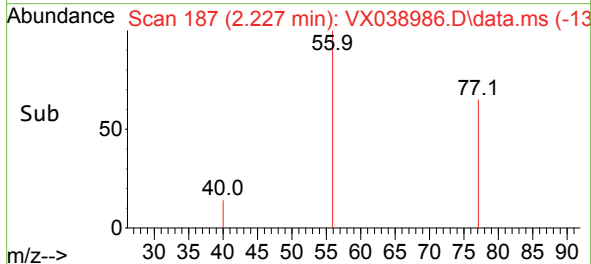


#13
Acrolein
Concen: 0.423 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038986.D
Acq: 21 Nov 2023 15:50

Instrument :
MSVOA_X
ClientSampleId :

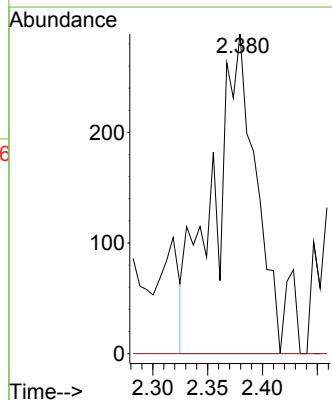
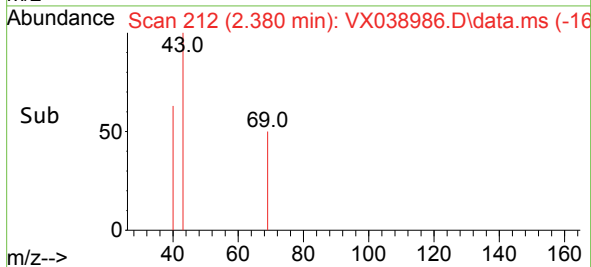
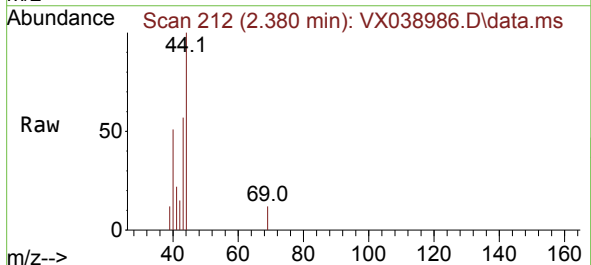


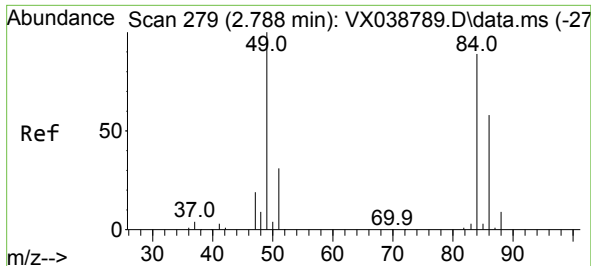
Tgt Ion: 56 Resp: 95
Ion Ratio Lower Upper
56 100
55 243.2 57.1 85.7#



#16
Acetone
Concen: 0.953 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038986.D
Acq: 21 Nov 2023 15:50

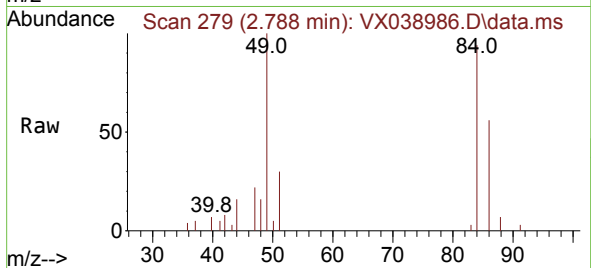
Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



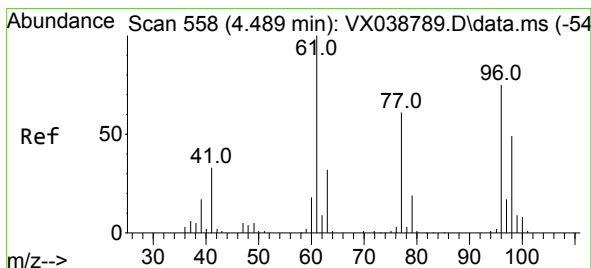
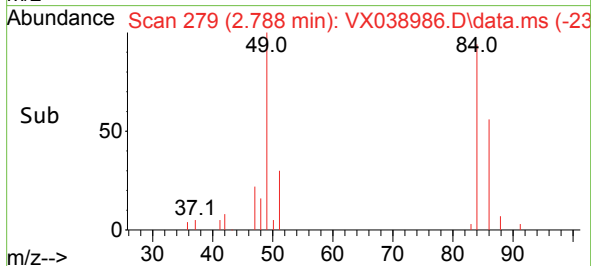
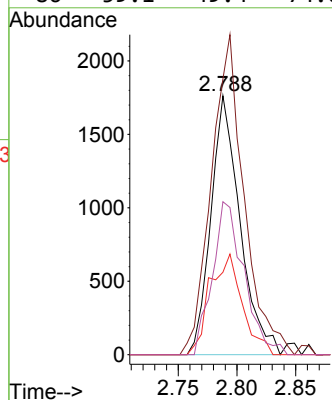


#20
Methylene Chloride
Concen: 2.079 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038986.D
Acq: 21 Nov 2023 15:50

Instrument :
MSVOA_X
ClientSampleId :

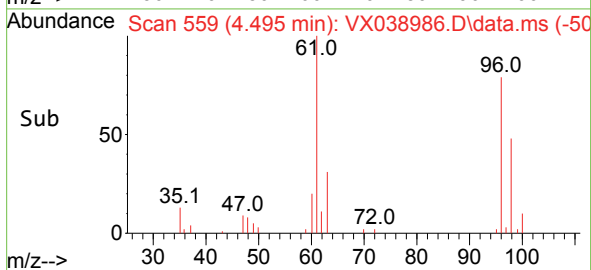
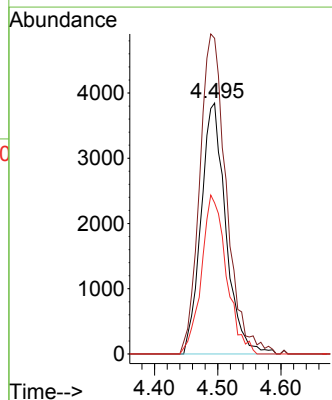
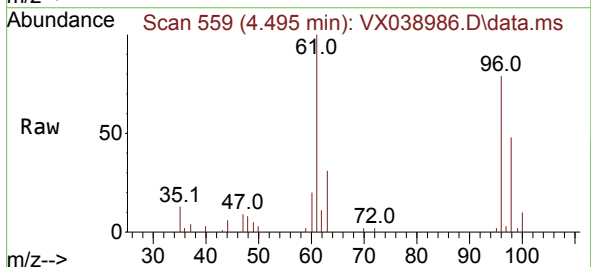


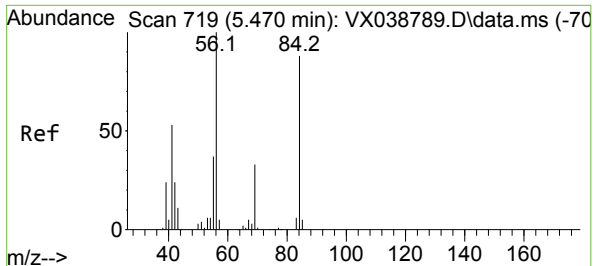
Tgt Ion:	84	Resp:	3045
Ion	Ratio	Lower	Upper
84	100		
49	106.5	103.6	155.4
51	31.8	33.8	50.6#
86	59.1	49.4	74.0



#27
cis-1,2-Dichloroethene
Concen: 6.906 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038986.D
Acq: 21 Nov 2023 15:50

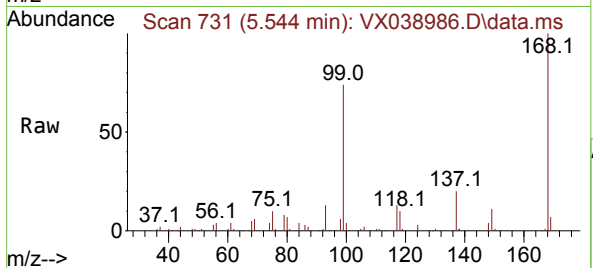
Tgt Ion:	96	Resp:	10483
Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	312.2
98	63.9	0.0	129.0



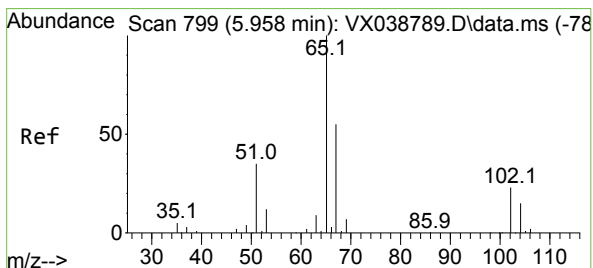
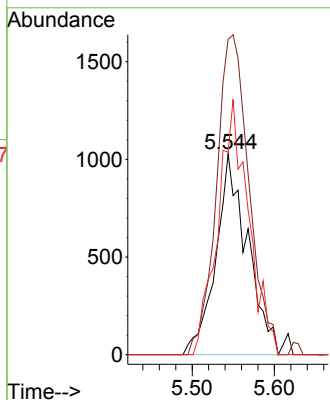
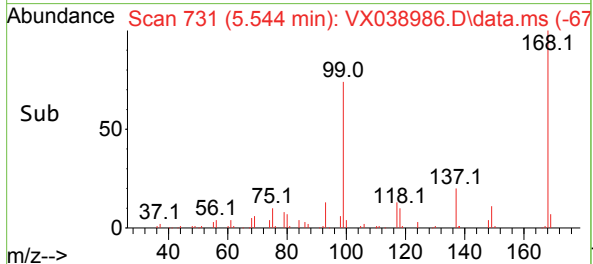


#31
Cyclohexane
Concen: 1.260 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX038986.D
Acq: 21 Nov 2023 15:50

Instrument :
MSVOA_X
ClientSampleId :

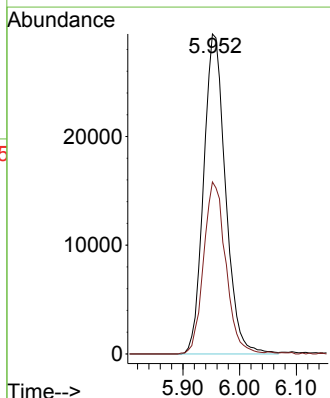
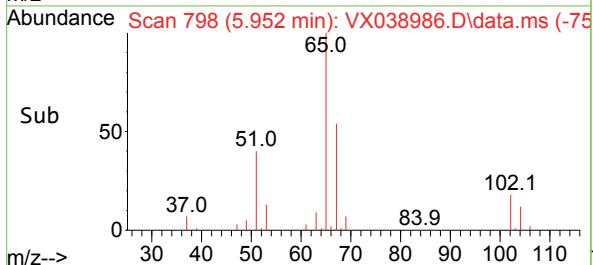
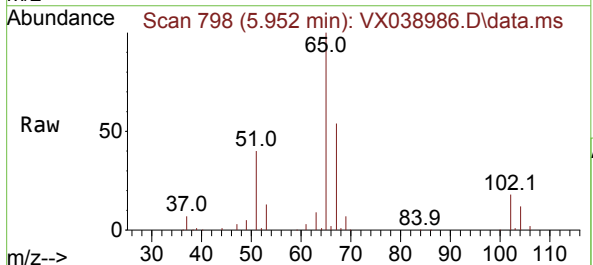


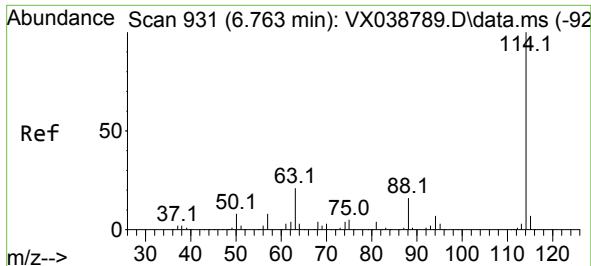
Tgt Ion: 56 Resp: 2745
Ion Ratio Lower Upper
56 100
69 157.0 23.4 35.2#
84 100.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.683 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038986.D
Acq: 21 Nov 2023 15:50

Tgt Ion: 65 Resp: 78863
Ion Ratio Lower Upper
65 100
67 54.3 0.0 100.2

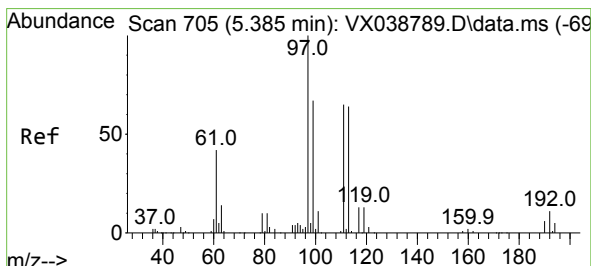
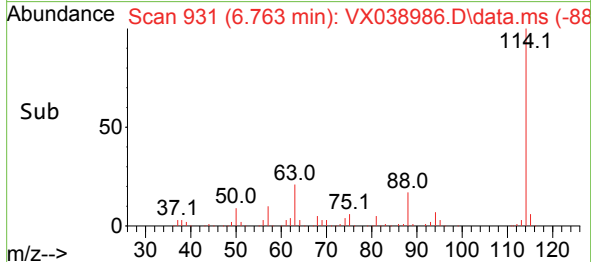
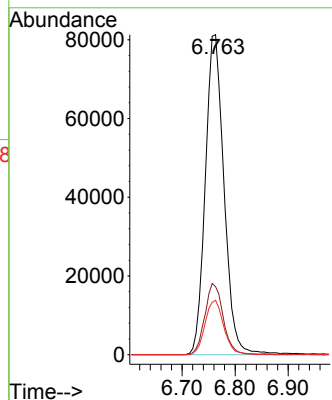
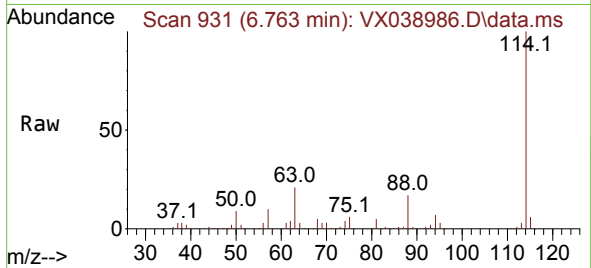




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038986.D
Acq: 21 Nov 2023 15:50

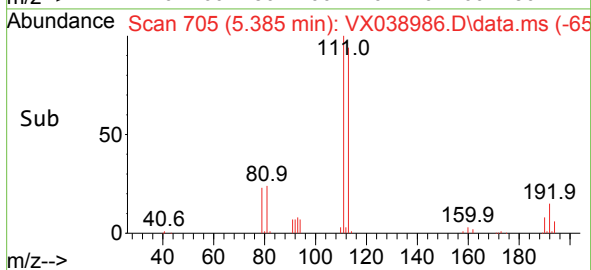
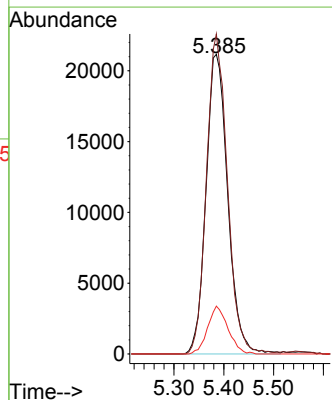
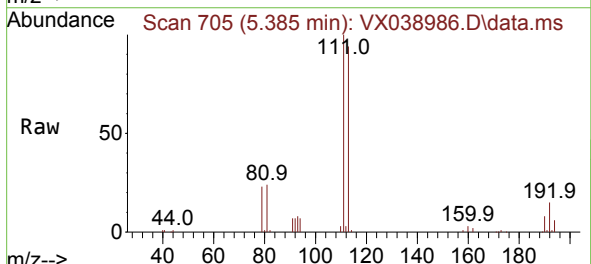
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ClientSampleId :

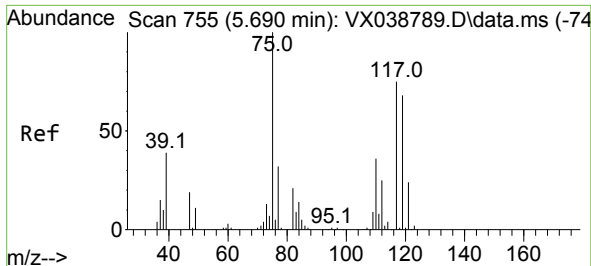
Tgt Ion:114 Resp: 198702
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.678 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038986.D
Acq: 21 Nov 2023 15:50

Tgt Ion:113 Resp: 64116
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 14.9 13.3 19.9

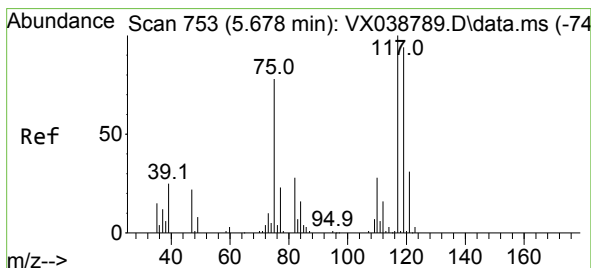
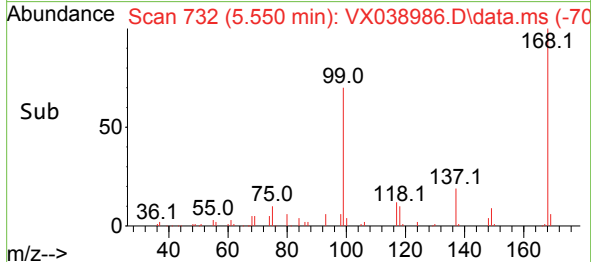
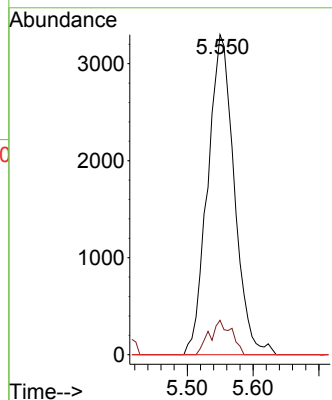
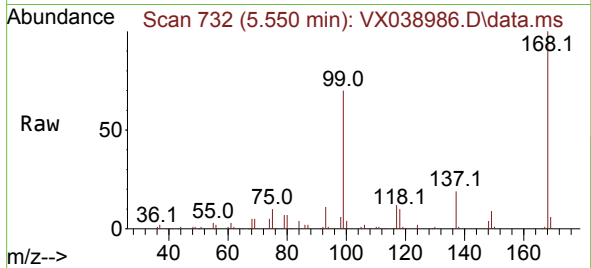




#36
1,1-Dichloropropene
Concen: 4.507 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX038986.D
Acq: 21 Nov 2023 15:50

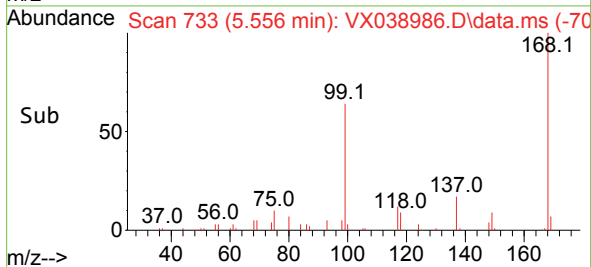
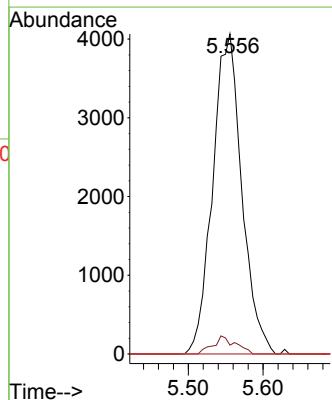
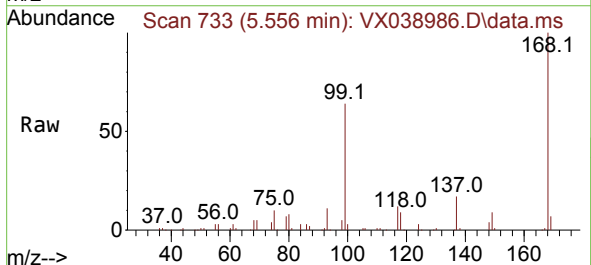
Instrument :
MSVOA_X
ClientSampleId :

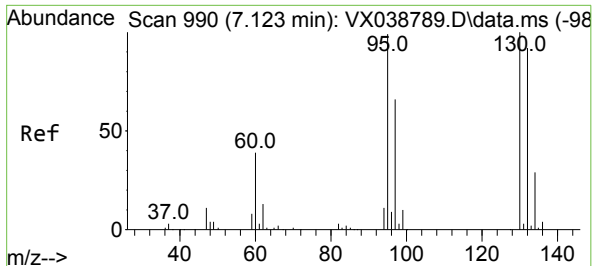
Tgt Ion: 75 Resp: 9270
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.791 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038986.D
Acq: 21 Nov 2023 15:50

Tgt Ion: 117 Resp: 11008
Ion Ratio Lower Upper
117 100
119 2.7 78.2 117.2#
121 0.0 24.4 36.6#

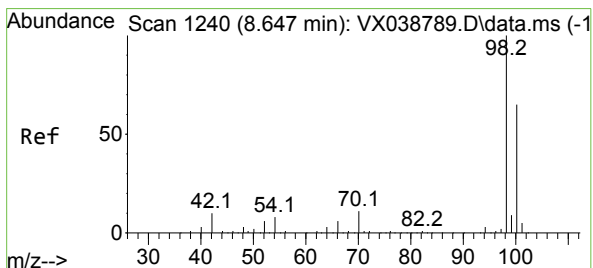
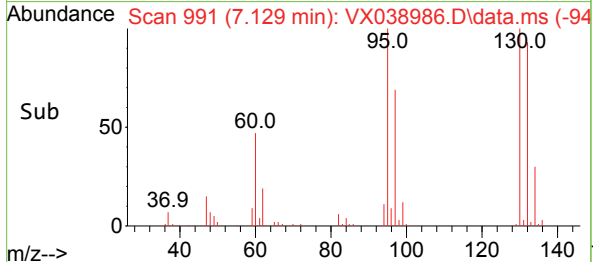
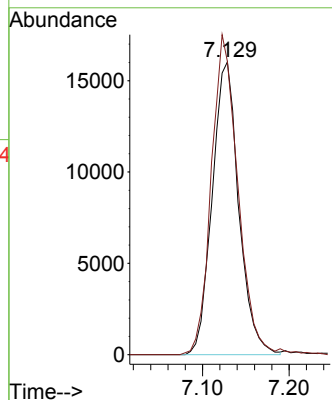
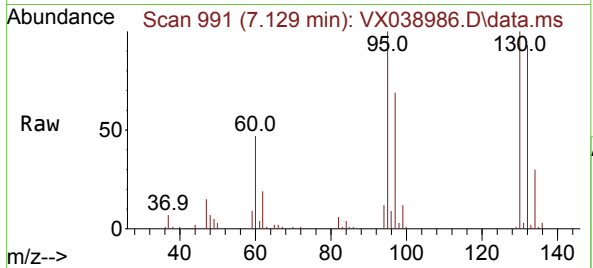




#44
 Trichloroethene
 Concen: 23.032 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX038986.D
 Acq: 21 Nov 2023 15:50

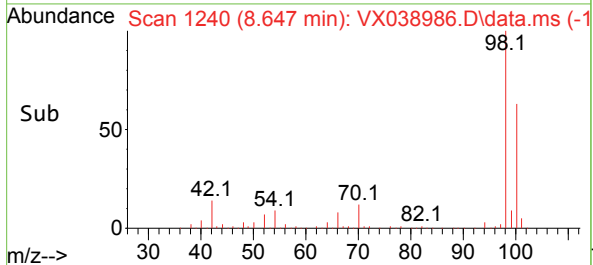
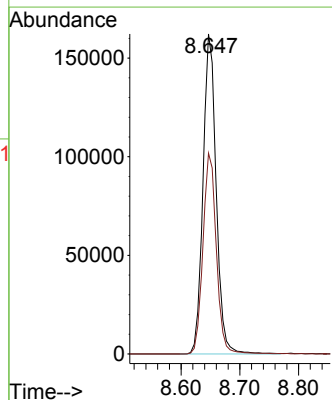
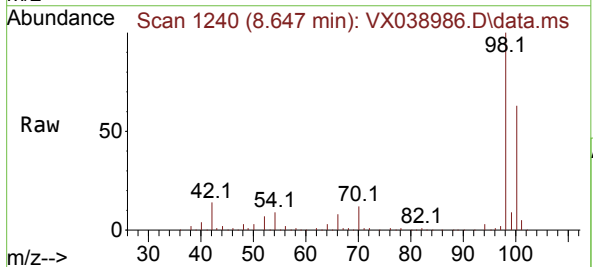
Instrument :
 MSVOA_X
 ClientSampleId :

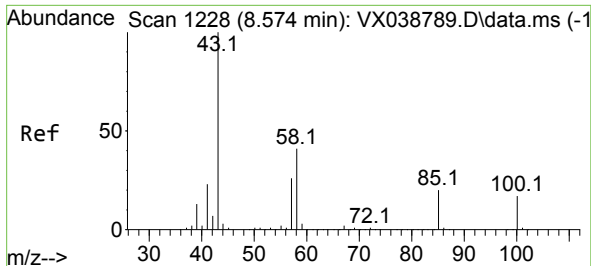
Tgt Ion:130 Resp: 34104
 Ion Ratio Lower Upper
 130 100
 95 100.1 0.0 204.4



#50
 Toluene-d8
 Concen: 46.054 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX038986.D
 Acq: 21 Nov 2023 15:50

Tgt Ion: 98 Resp: 252868
 Ion Ratio Lower Upper
 98 100
 100 63.9 53.1 79.7

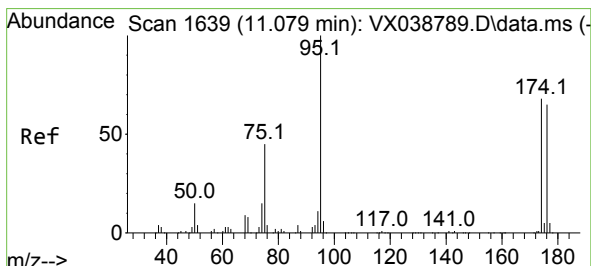
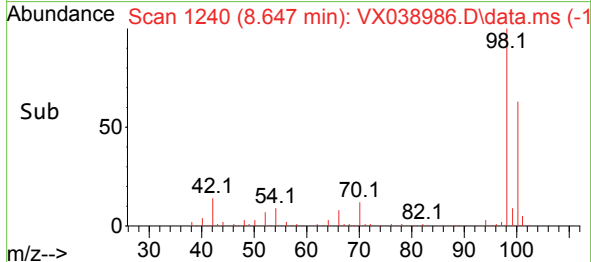
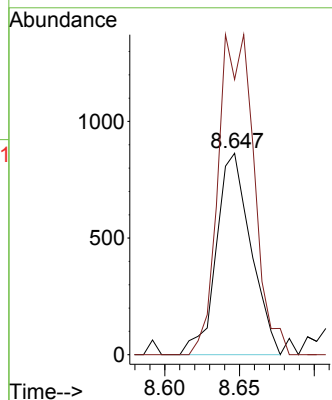
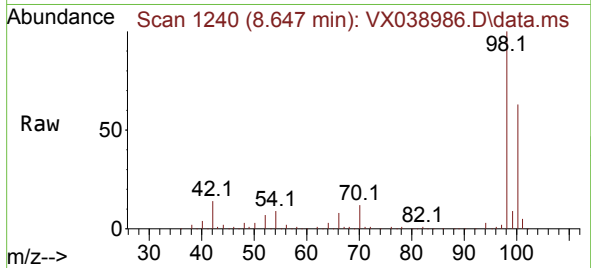




#51
4-Methyl-2-Pentanone
Concen: 0.507 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038986.D
Acq: 21 Nov 2023 15:50

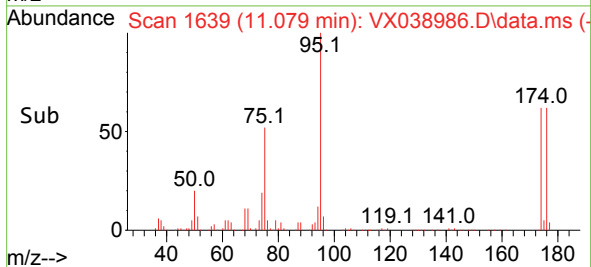
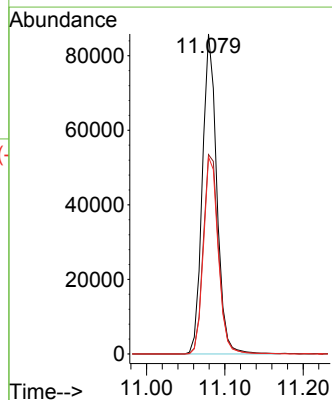
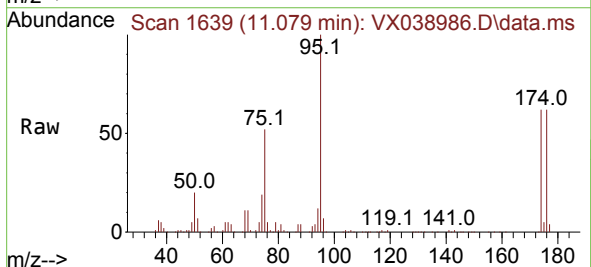
Instrument :
MSVOA_X
ClientSampleId :

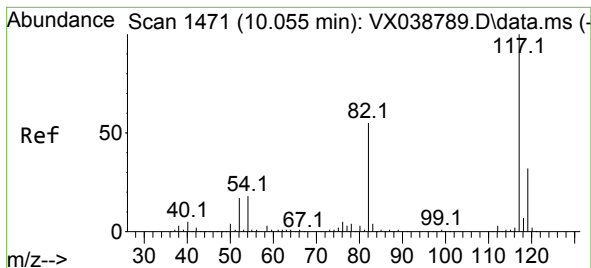
Tgt Ion: 43 Resp: 1388
Ion Ratio Lower Upper
43 100
58 164.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.865 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038986.D
Acq: 21 Nov 2023 15:50

Tgt Ion: 95 Resp: 109600
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.6
176 63.3 0.0 131.0

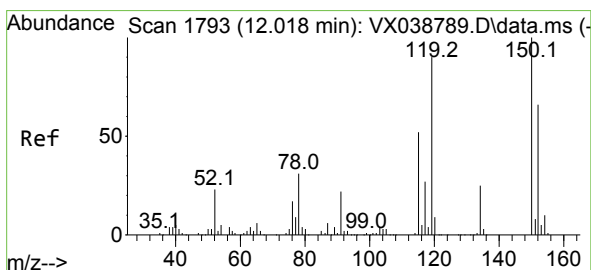
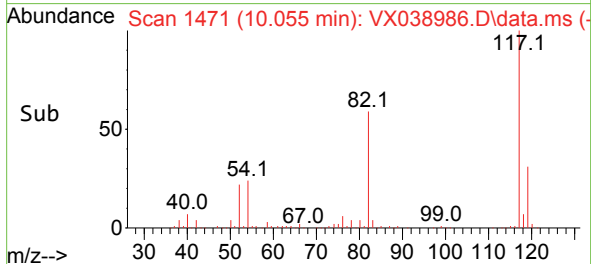
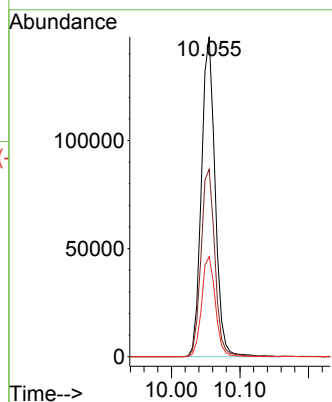
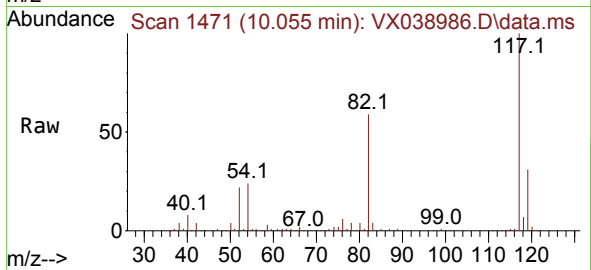




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038986.D
Acq: 21 Nov 2023 15:50

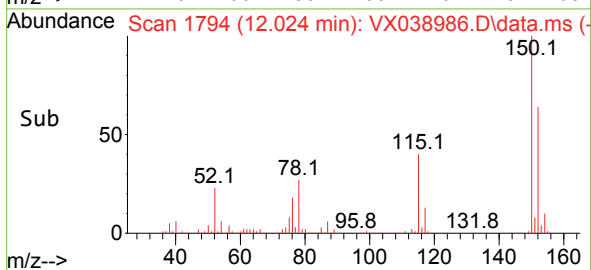
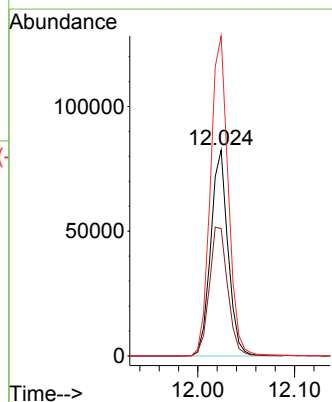
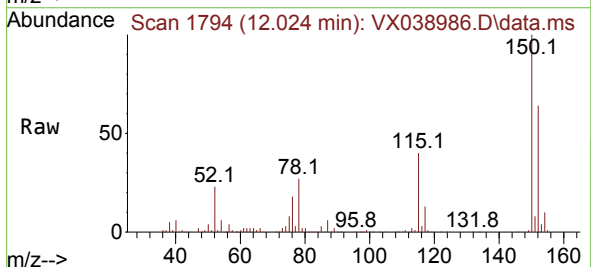
Instrument :
MSVOA_X
ClientSampleId :

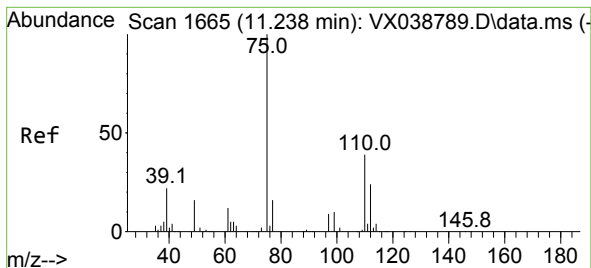
Tgt Ion:117 Resp: 206283
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 31.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038986.D
Acq: 21 Nov 2023 15:50

Tgt Ion:152 Resp: 102678
Ion Ratio Lower Upper
152 100
115 66.6 43.3 129.9
150 160.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.417 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038986.D

Acq: 21 Nov 2023 15:50

Instrument :

MSVOA_X

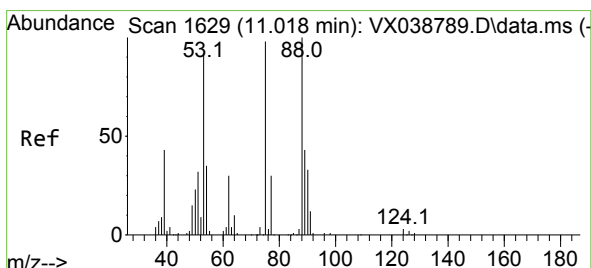
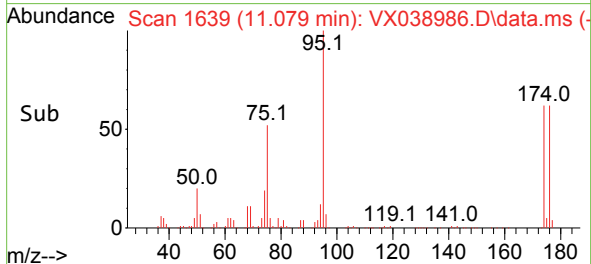
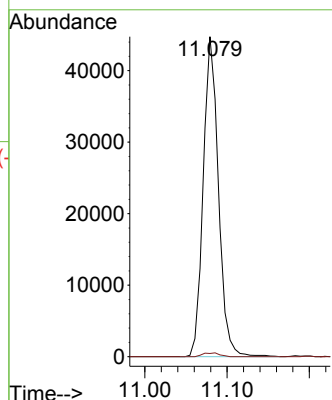
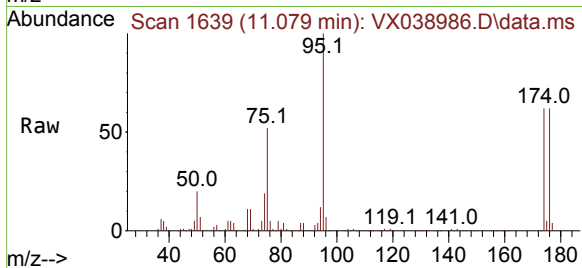
ClientSampleId :

Tgt Ion: 75 Resp: 57429

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 49.724 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038986.D

Acq: 21 Nov 2023 15:50

Tgt Ion: 75 Resp: 57429

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

