

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038681.D
 Acq On : 09 Nov 2023 15:28
 Operator : JC/MD
 Sample : 05241-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 10 03:40:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

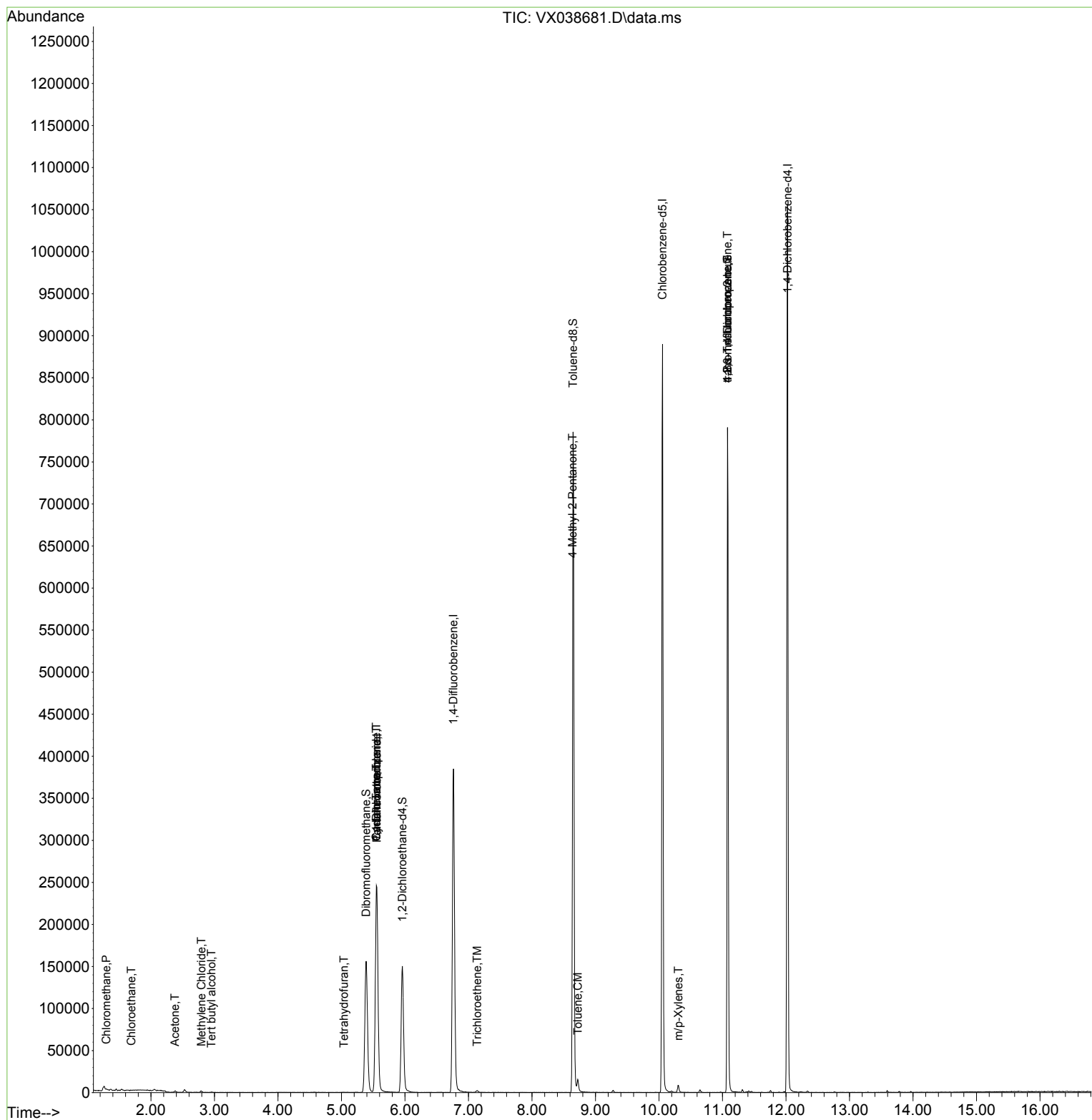
Internal Standards						
1) Pentafluorobenzene	5.556	168	257197	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	426636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	438520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	252284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150207	46.910	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.820%
35) Dibromofluoromethane	5.385	113	139639	45.444	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.880%
50) Toluene-d8	8.647	98	501664	45.624	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.240%#
62) 4-Bromofluorobenzene	11.079	95	216202	50.715	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.420%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	492	0.213	ug/l	95
6) Chloroethane	1.691	64	322	0.207	ug/l	# 43
11) Tert butyl alcohol	2.953	59	487	0.744	ug/l	# 78
16) Acetone	2.380	43	1850	1.372	ug/l	99
20) Methylene Chloride	2.794	84	817	0.301	ug/l	# 67
29) Tetrahydrofuran	5.038	42	252	0.207	ug/l	# 41
31) Cyclohexane	5.550	56	4278	1.207	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	16578	4.343	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	24414	5.721	ug/l	# 15
44) Trichloroethene	7.135	130	963	0.282	ug/l	78
51) 4-Methyl-2-Pentanone	8.641	43	2009	0.515	ug/l	# 1
52) Toluene	8.720	92	5238	0.727	ug/l	98
68) m/p-Xylenes	10.305	106	2160	0.360	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	105209	21.057	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	105209	63.987	ug/l	# 5

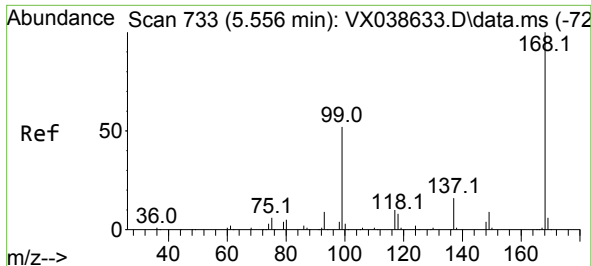
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.000 min

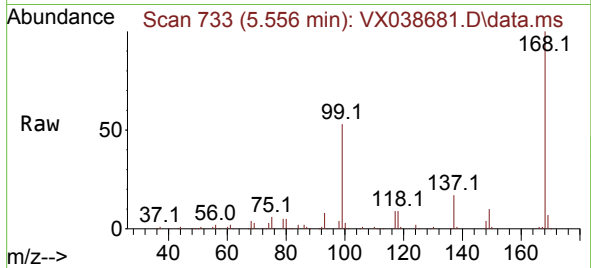
Lab File: VX038681.D

Acq: 09 Nov 2023 15:28

Instrument :

MSVOA_X

ClientSampleId :

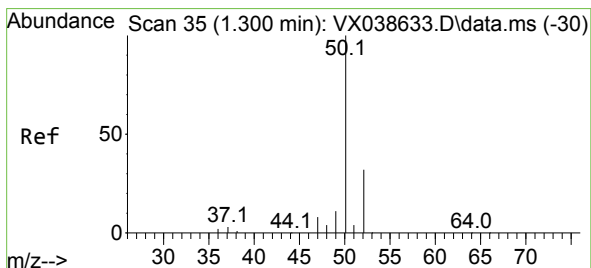
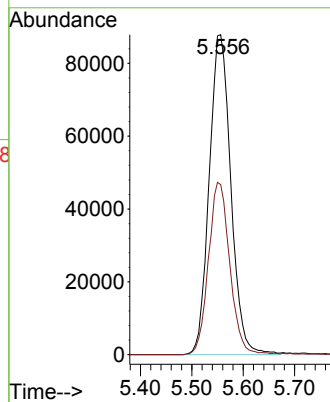
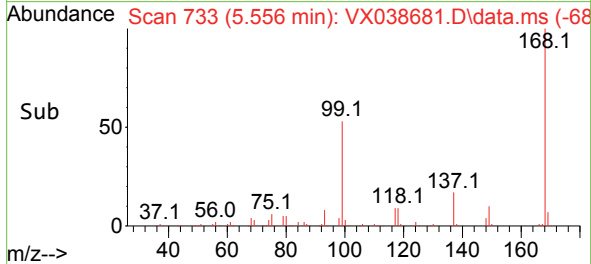


Tgt Ion:168 Resp: 257197

Ion Ratio Lower Upper

168 100

99 53.2 56.6 85.0#



#3

Chloromethane

Concen: 0.213 ug/l

RT: 1.295 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX038681.D

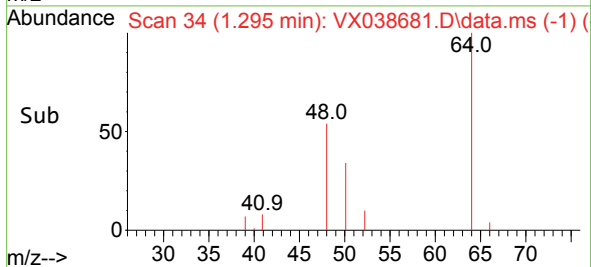
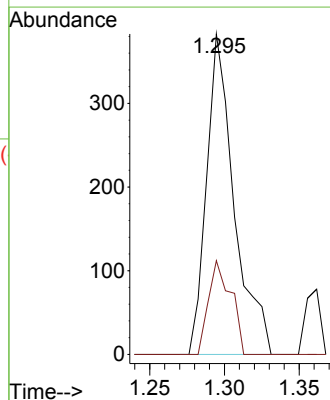
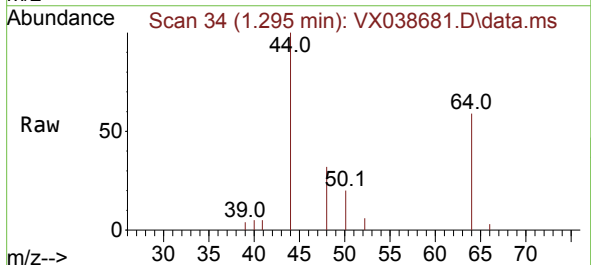
Acq: 09 Nov 2023 15:28

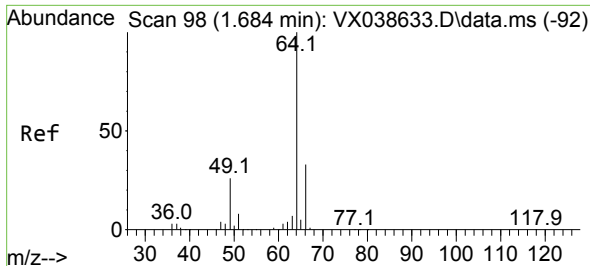
Tgt Ion: 50 Resp: 492

Ion Ratio Lower Upper

50 100

52 29.2 25.5 38.3

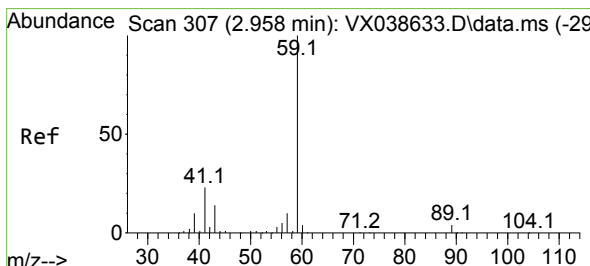
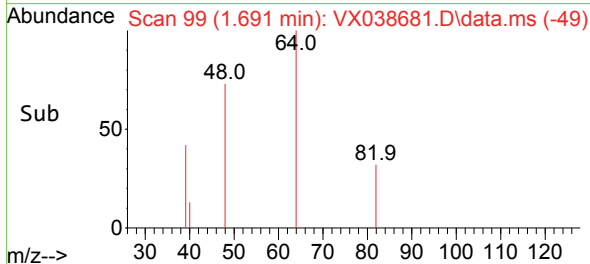
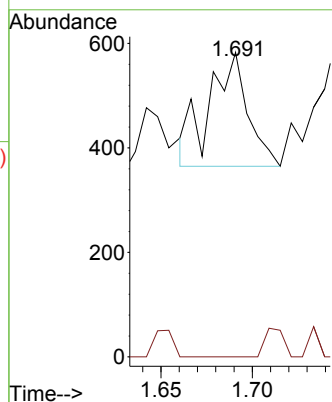
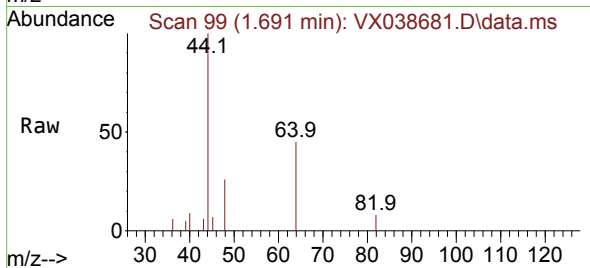




#6
Chloroethane
Concen: 0.207 ug/l
RT: 1.691 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX038681.D
Acq: 09 Nov 2023 15:28

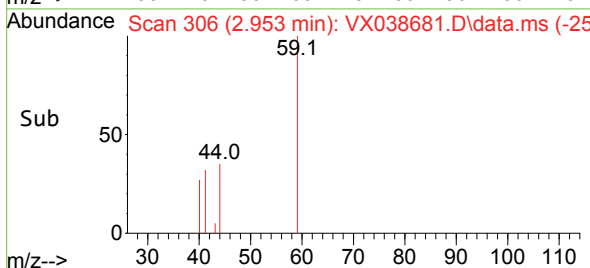
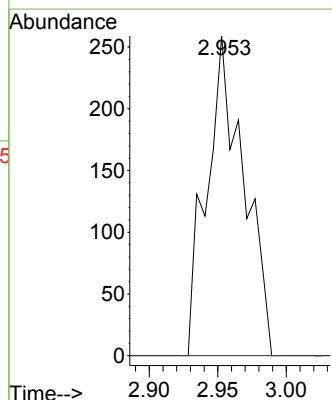
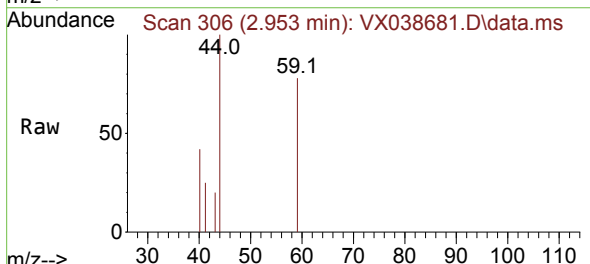
Instrument :
MSVOA_X
ClientSampleId :

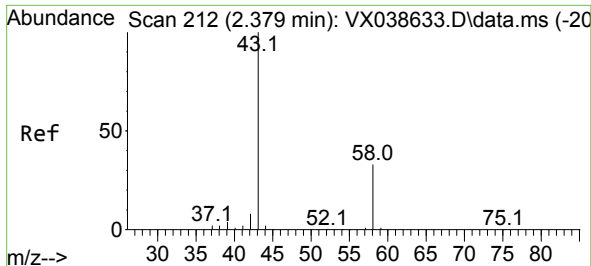
Tgt Ion: 64 Resp: 322
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.744 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038681.D
Acq: 09 Nov 2023 15:28

Tgt Ion: 59 Resp: 487
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

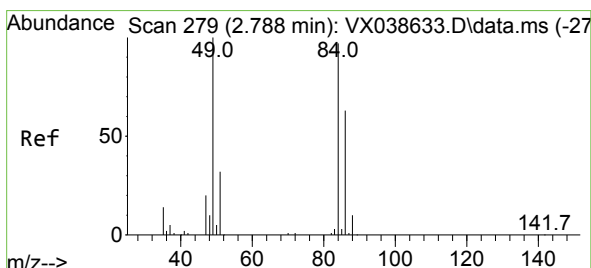
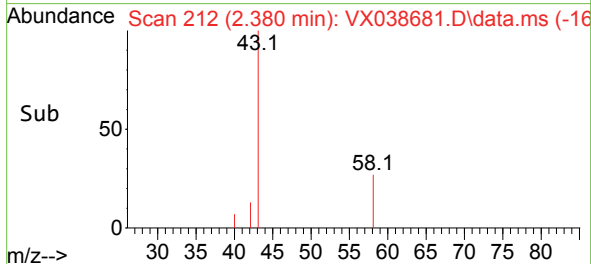
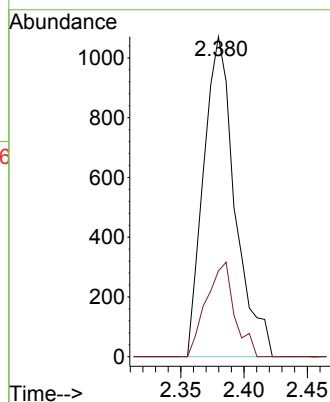
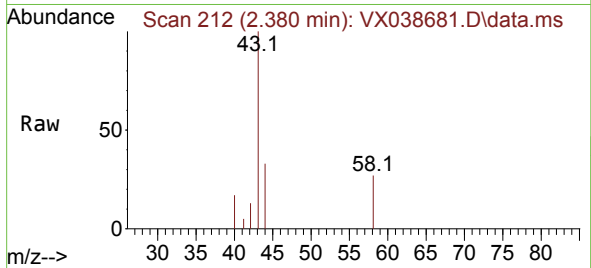




#16
Acetone
Concen: 1.372 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.001 min
Lab File: VX038681.D
Acq: 09 Nov 2023 15:28

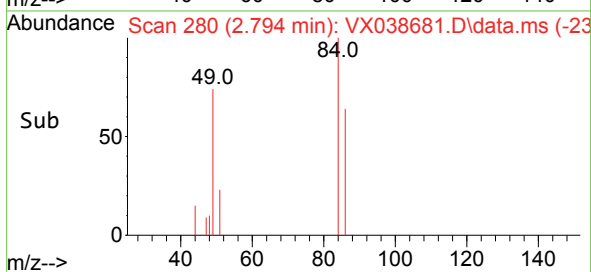
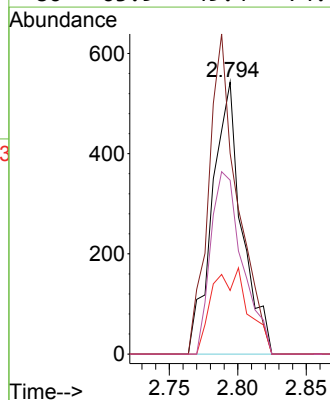
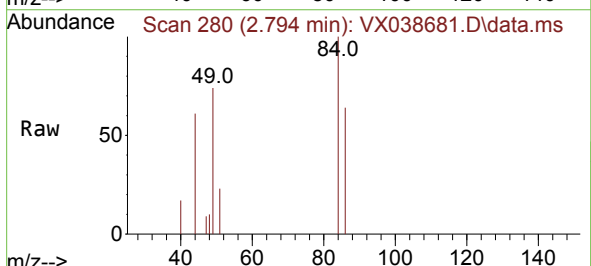
Instrument :
MSVOA_X
ClientSampleId :

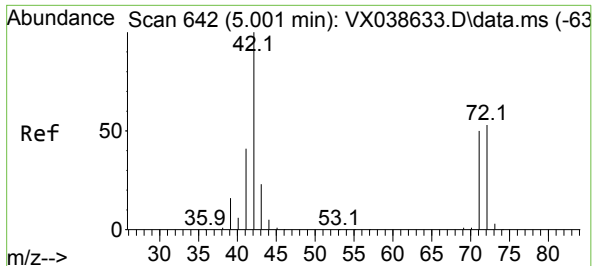
Tgt Ion: 43 Resp: 1850
Ion Ratio Lower Upper
43 100
58 26.8 21.9 32.9



#20
Methylene Chloride
Concen: 0.301 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.007 min
Lab File: VX038681.D
Acq: 09 Nov 2023 15:28

Tgt Ion: 84 Resp: 817
Ion Ratio Lower Upper
84 100
49 73.8 103.6 155.4#
51 23.4 33.8 50.6#
86 63.9 49.4 74.0





#29

Tetrahydrofuran

Concen: 0.207 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.037 min

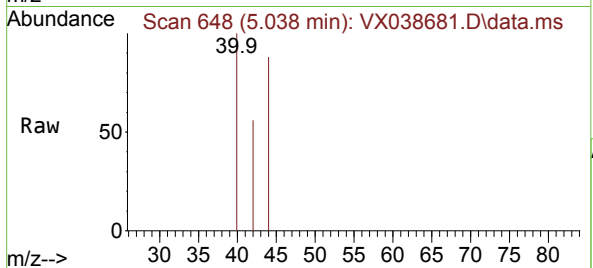
Lab File: VX038681.D

Acq: 09 Nov 2023 15:28

Instrument :

MSVOA_X

ClientSampleId :



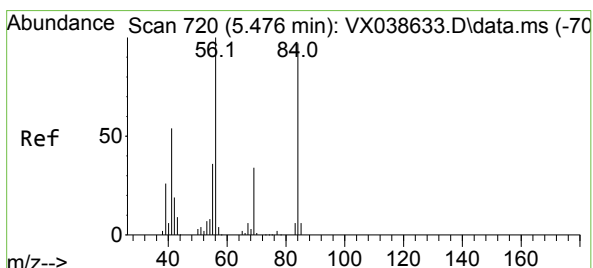
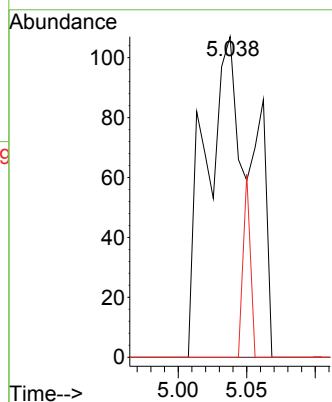
Tgt Ion: 42 Resp: 252

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 8.7 32.2 48.2#



#31

Cyclohexane

Concen: 1.207 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.074 min

Lab File: VX038681.D

Acq: 09 Nov 2023 15:28

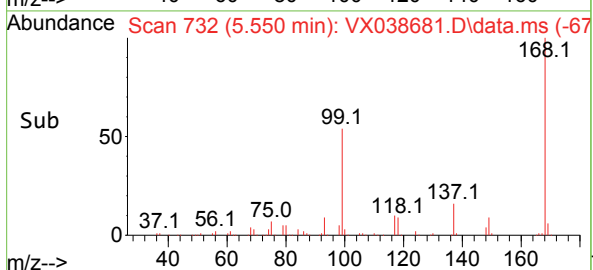
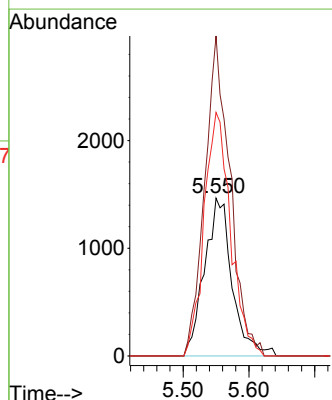
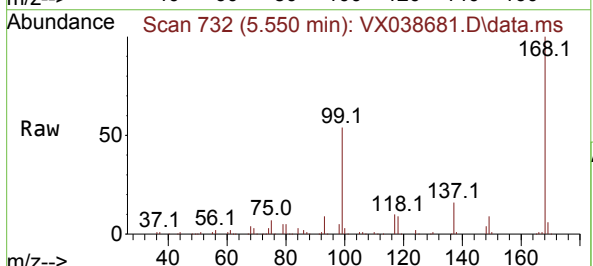
Tgt Ion: 56 Resp: 4278

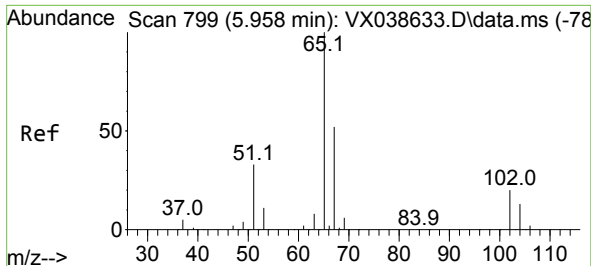
Ion Ratio Lower Upper

56 100

69 202.8 23.4 35.2#

84 154.3 65.9 98.9#

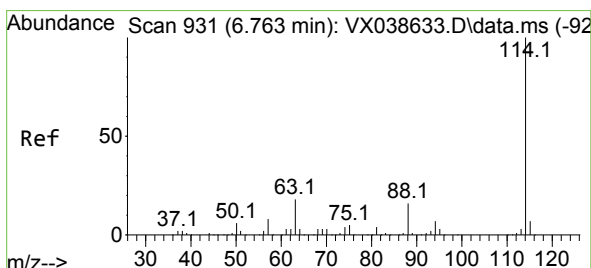
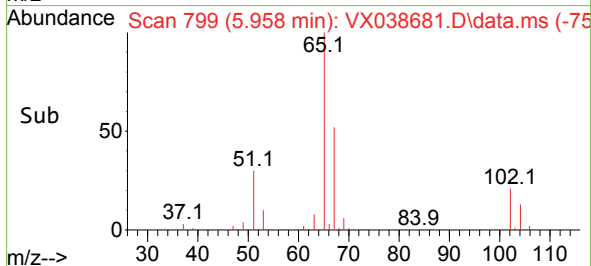
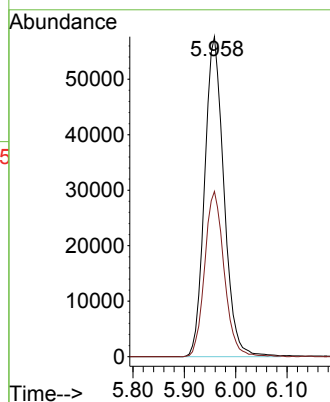
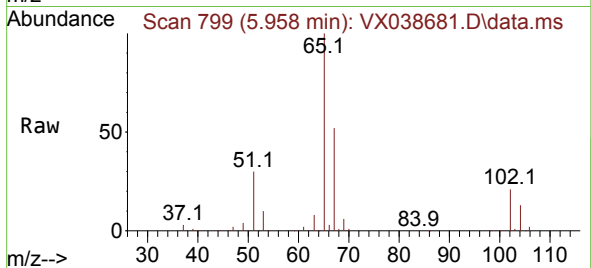




#33
1,2-Dichloroethane-d4
Concen: 46.910 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038681.D
Acq: 09 Nov 2023 15:28

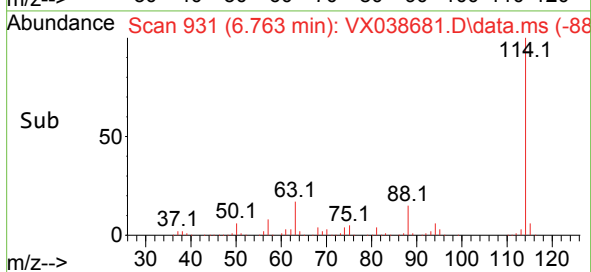
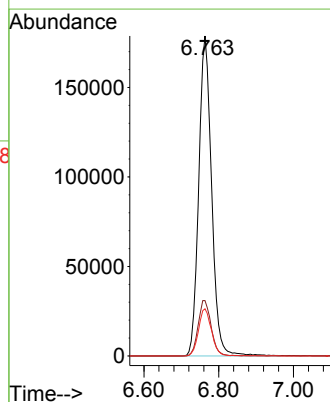
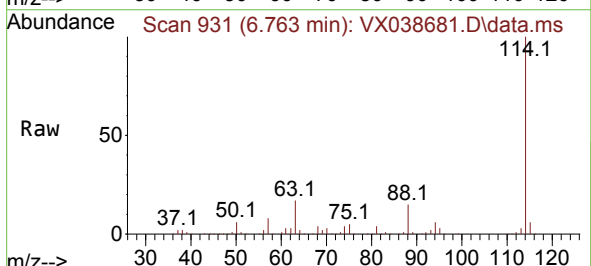
Instrument :
MSVOA_X
ClientSampleId :

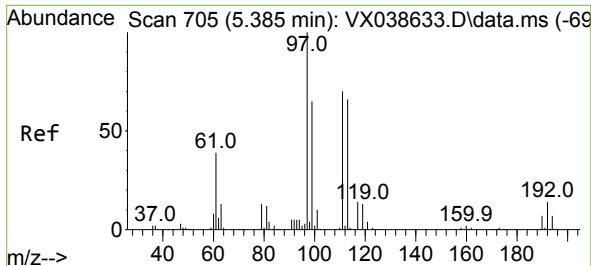
Tgt Ion: 65 Resp: 150207
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038681.D
Acq: 09 Nov 2023 15:28

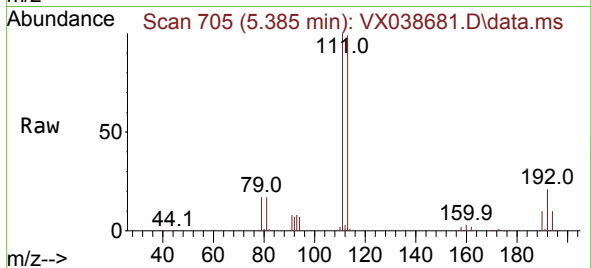
Tgt Ion: 114 Resp: 426636
Ion Ratio Lower Upper
114 100
63 17.3 0.0 45.0
88 14.7 0.0 36.6



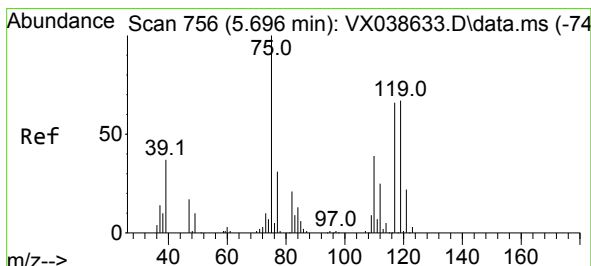
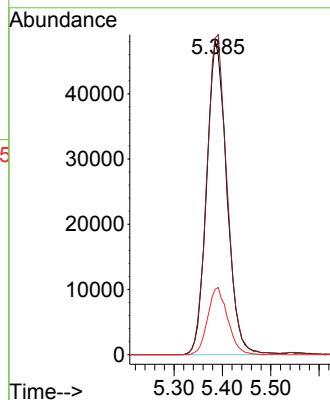
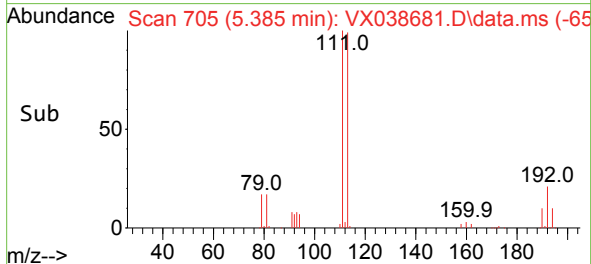


#35
Dibromofluoromethane
Concen: 45.444 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038681.D
Acq: 09 Nov 2023 15:28

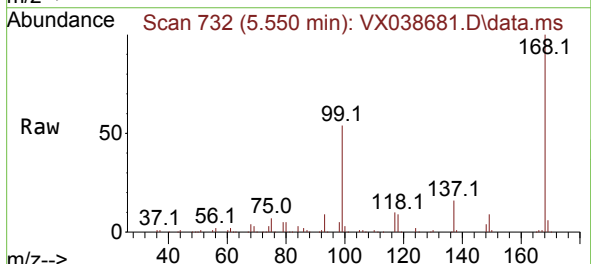
Instrument :
MSVOA_X
ClientSampleId :



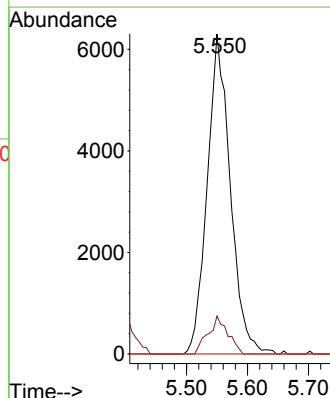
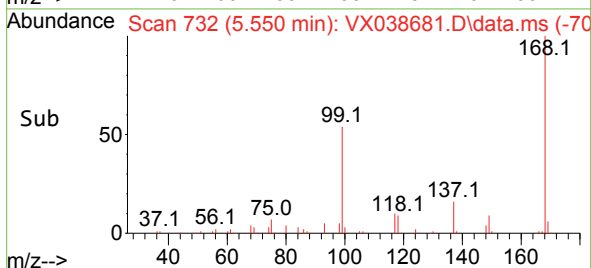
Tgt Ion:113 Resp: 139639
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 21.2 13.3 19.9#

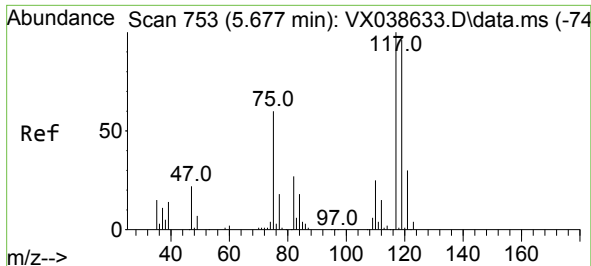


#36
1,1-Dichloropropene
Concen: 4.343 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038681.D
Acq: 09 Nov 2023 15:28



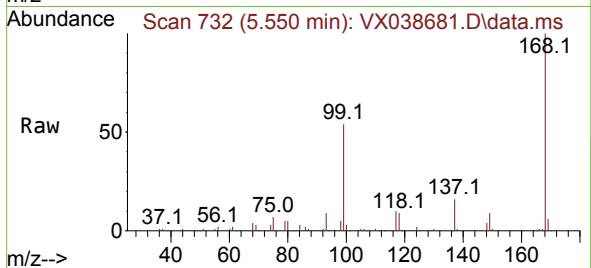
Tgt Ion: 75 Resp: 16578
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



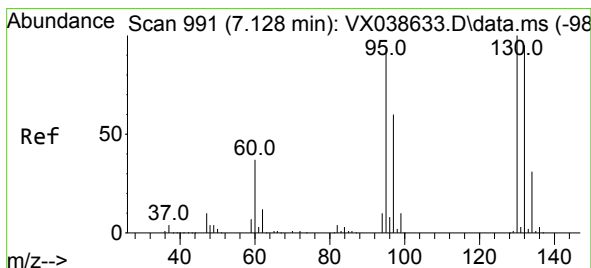
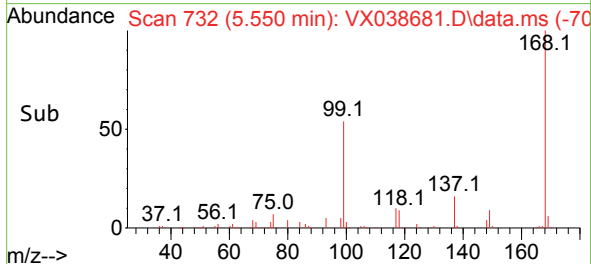
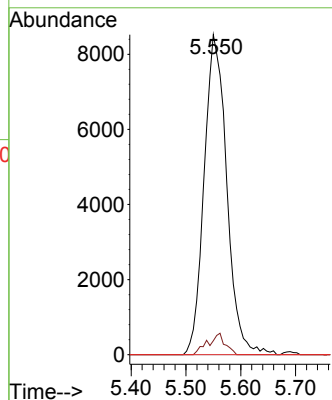


#38
Carbon Tetrachloride
Concen: 5.721 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038681.D
Acq: 09 Nov 2023 15:28

Instrument :
MSVOA_X
ClientSampleId :

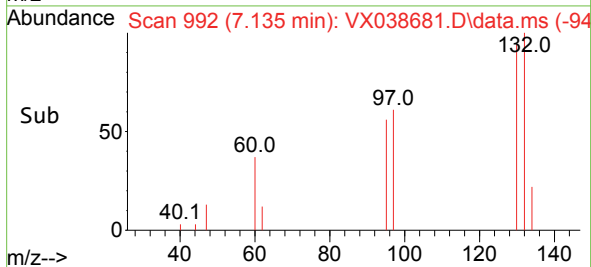
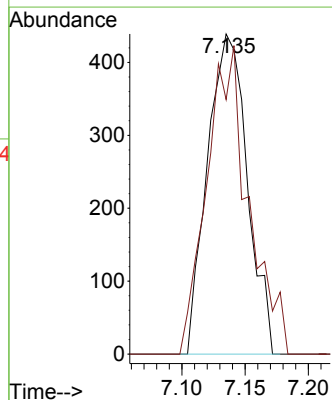
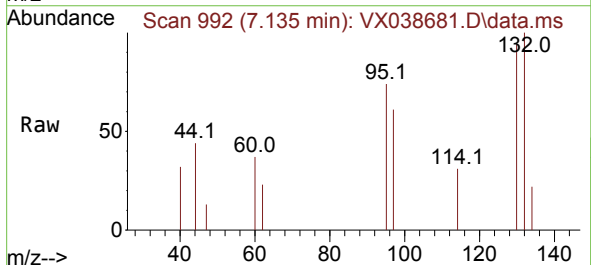


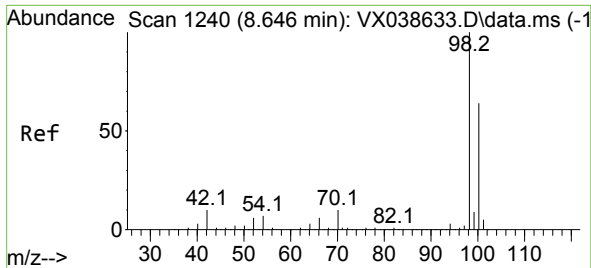
Tgt Ion:117 Resp: 24414
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.282 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.007 min
Lab File: VX038681.D
Acq: 09 Nov 2023 15:28

Tgt Ion:130 Resp: 963
Ion Ratio Lower Upper
130 100
95 79.5 0.0 204.4

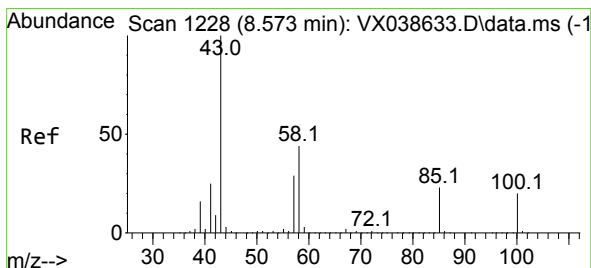
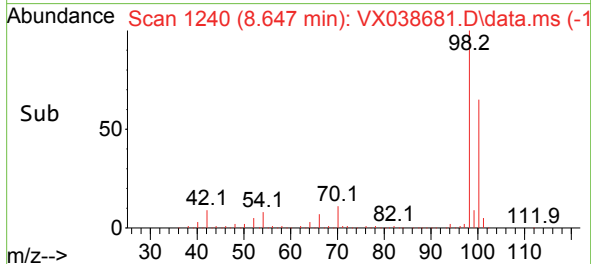
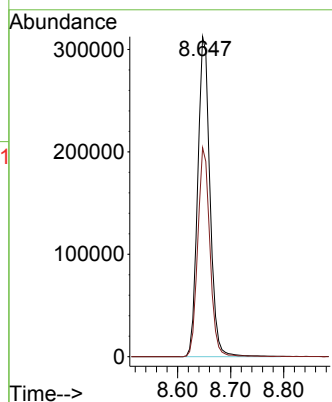
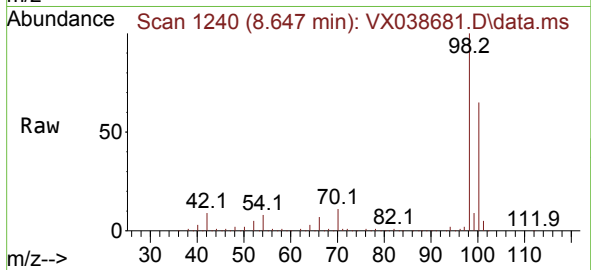




#50
Toluene-d8
Concen: 45.624 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038681.D
Acq: 09 Nov 2023 15:28

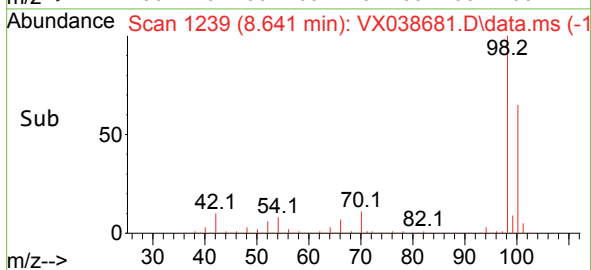
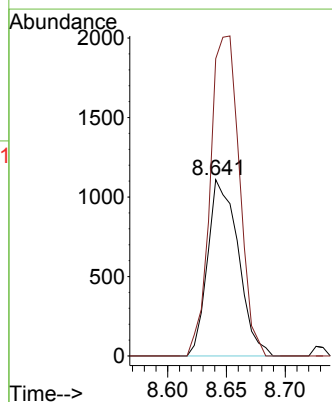
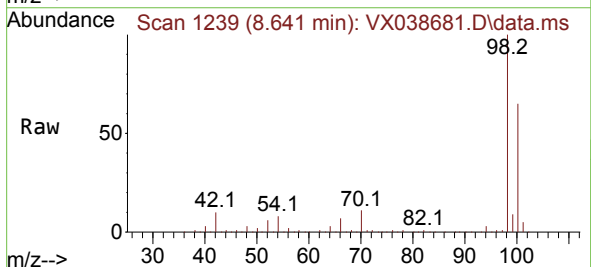
Instrument :
MSVOA_X
ClientSampleId :

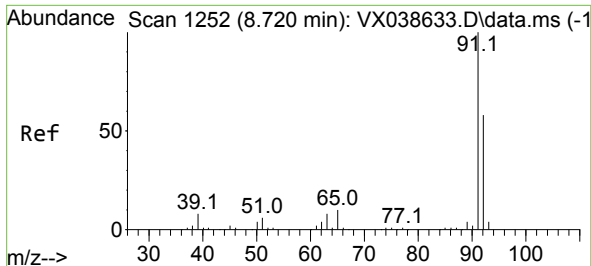
Tgt Ion: 98 Resp: 501664
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.068 min
Lab File: VX038681.D
Acq: 09 Nov 2023 15:28

Tgt Ion: 43 Resp: 2009
Ion Ratio Lower Upper
43 100
58 173.3 30.4 45.6#

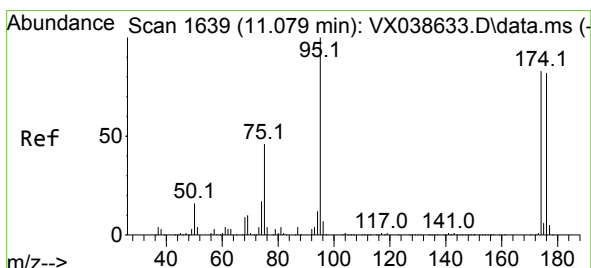
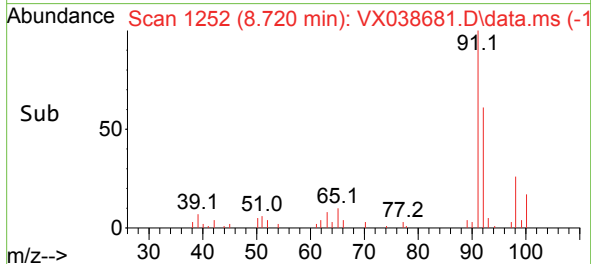
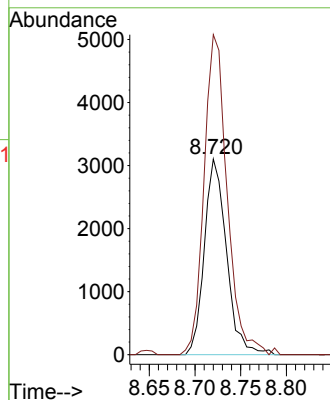
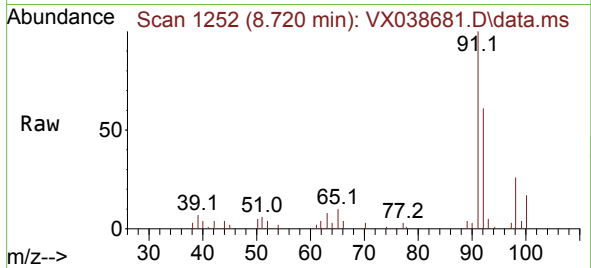




#52
Toluene
Concen: 0.727 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038681.D
Acq: 09 Nov 2023 15:28

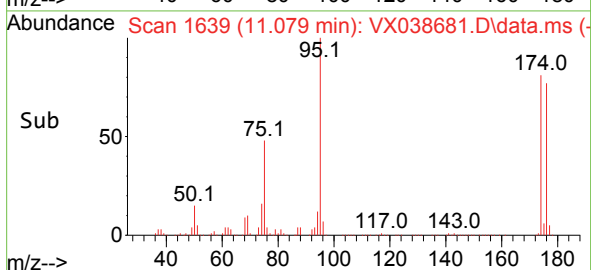
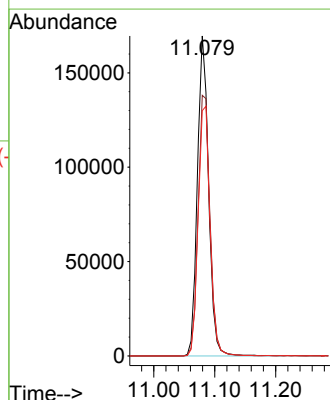
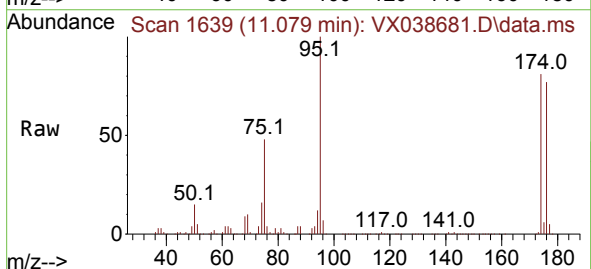
Instrument :
MSVOA_X
ClientSampleId :

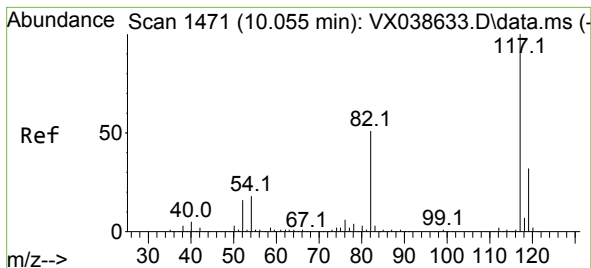
Tgt Ion: 92 Resp: 5238
Ion Ratio Lower Upper
92 100
91 170.7 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 50.715 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038681.D
Acq: 09 Nov 2023 15:28

Tgt Ion: 95 Resp: 216202
Ion Ratio Lower Upper
95 100
174 87.0 0.0 135.6
176 83.1 0.0 131.0

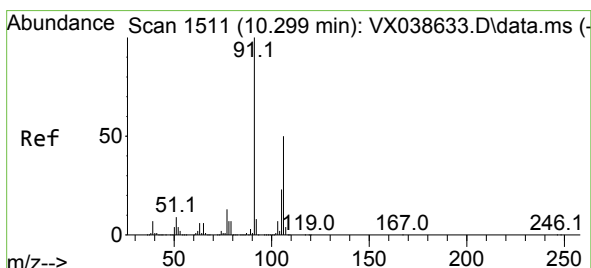
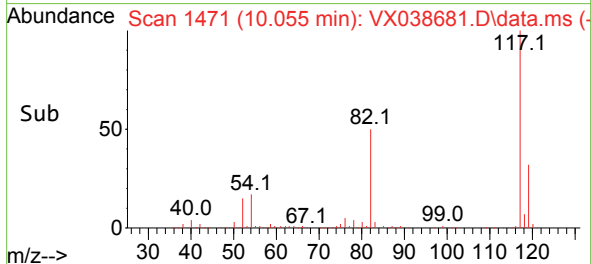
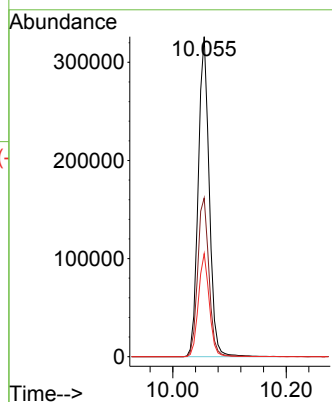
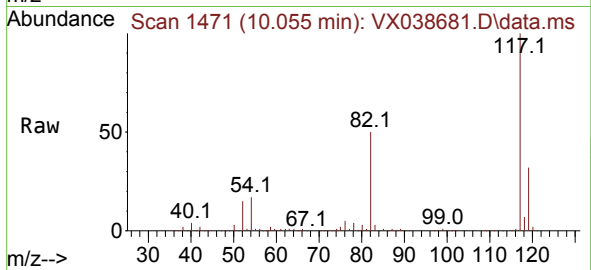




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038681.D
Acq: 09 Nov 2023 15:28

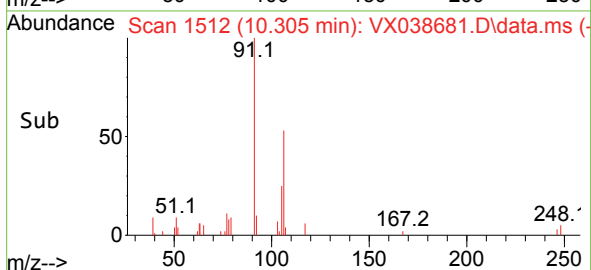
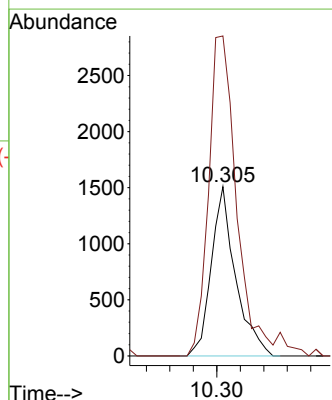
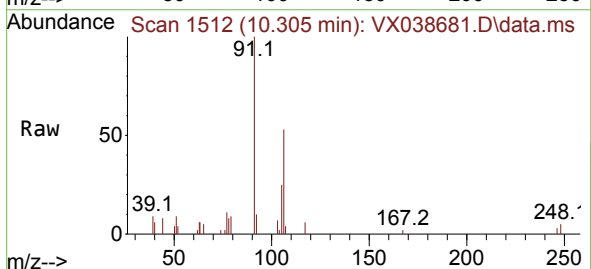
Instrument :
MSVOA_X
ClientSampleId :

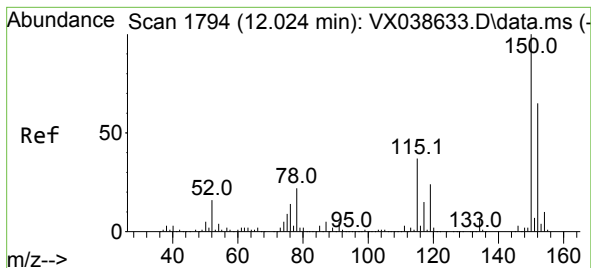
Tgt Ion:117 Resp: 438520
Ion Ratio Lower Upper
117 100
82 49.6 46.2 69.4
119 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 0.360 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.007 min
Lab File: VX038681.D
Acq: 09 Nov 2023 15:28

Tgt Ion:106 Resp: 2160
Ion Ratio Lower Upper
106 100
91 215.8 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038681.D

Acq: 09 Nov 2023 15:28

Instrument :

MSVOA_X

ClientSampleId :

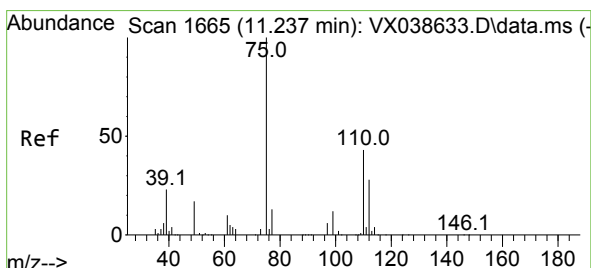
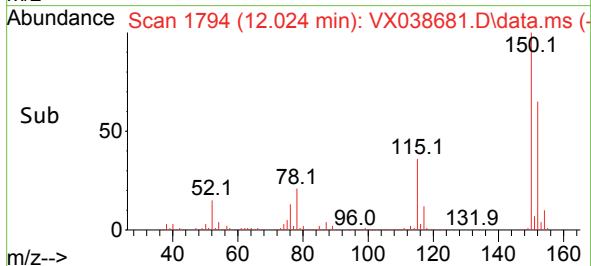
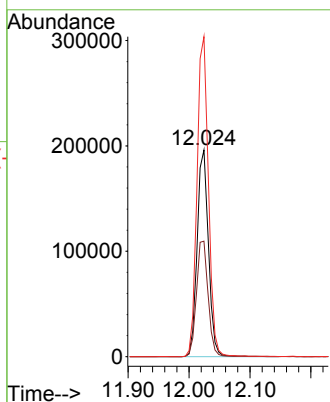
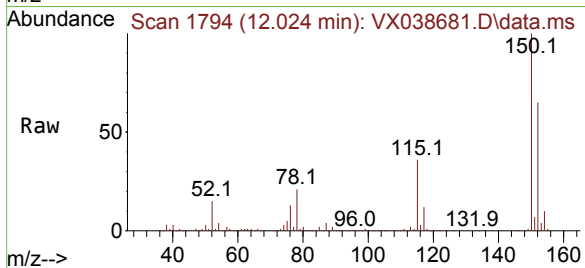
Tgt Ion:152 Resp: 252284

Ion Ratio Lower Upper

152 100

115 57.7 43.3 129.9

150 156.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.057 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038681.D

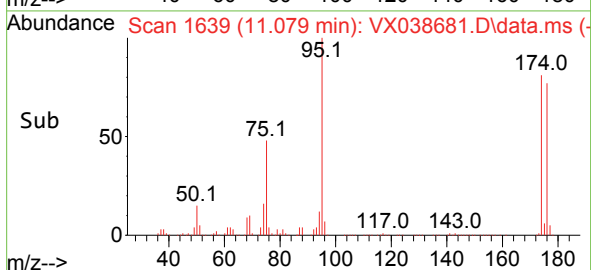
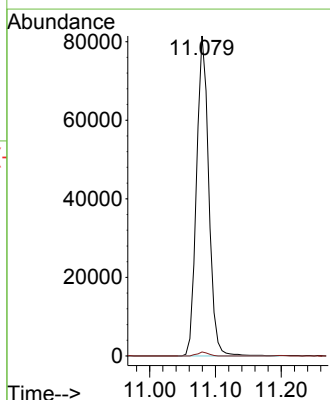
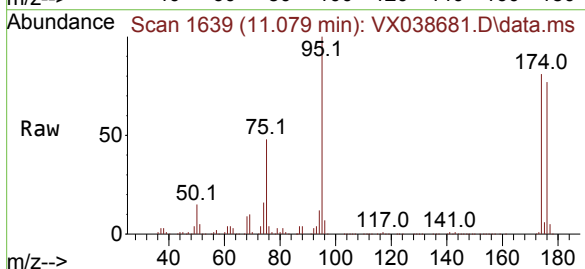
Acq: 09 Nov 2023 15:28

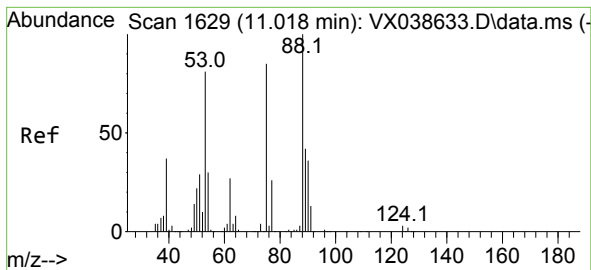
Tgt Ion: 75 Resp: 105209

Ion Ratio Lower Upper

75 100

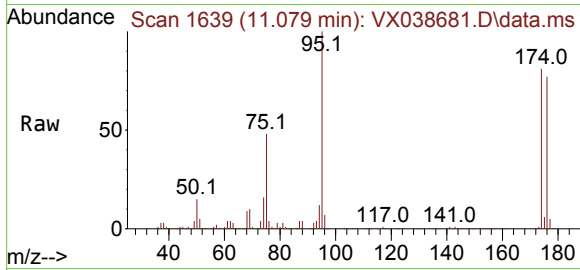
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.987 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038681.D
 Acq: 09 Nov 2023 15:28

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 105209
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

