

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038911.D
 Acq On : 18 Nov 2023 05:53
 Operator : JC/MD
 Sample : 05404-27
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 20 00:33:46 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)

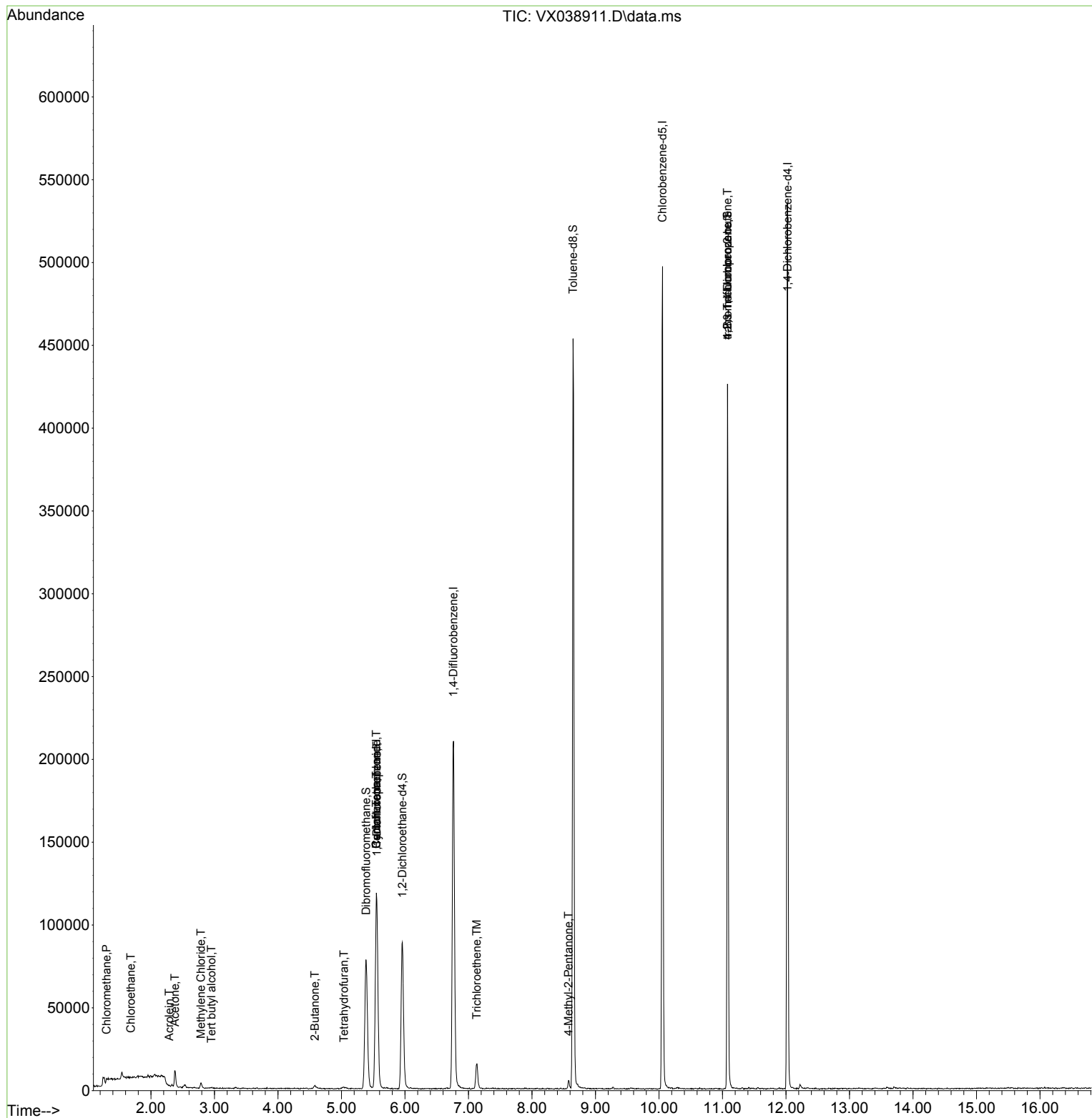
Internal Standards						
1) Pentafluorobenzene	5.550	168	107230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215716	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83951	48.587	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.180%
35) Dibromofluoromethane	5.385	113	68268	43.819	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.640%
50) Toluene-d8	8.647	98	271519	45.551	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.100%#
62) 4-Bromofluorobenzene	11.079	95	115788	48.525	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.060%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	1160	0.710	ug/l #	88
6) Chloroethane	1.685	64	350	0.390	ug/l #	43
11) Tert butyl alcohol	2.953	59	430	0.895	ug/l #	49
13) Acrolein	2.288	56	82	0.323	ug/l #	79
16) Acetone	2.380	43	10210	11.100	ug/l	94
20) Methylene Chloride	2.788	84	1407	0.849	ug/l #	85
25) 2-Butanone	4.581	43	2858	1.916	ug/l #	82
29) Tetrahydrofuran	5.038	42	1296	1.368	ug/l #	49
31) Cyclohexane	5.550	56	3078	1.248	ug/l #	33
36) 1,1-Dichloropropene	5.556	75	9435	4.225	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11673	5.656	ug/l #	14
44) Trichloroethene	7.129	130	5718	3.557	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	3389	1.141	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	60448	22.207	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60448	49.258	ug/l #	5

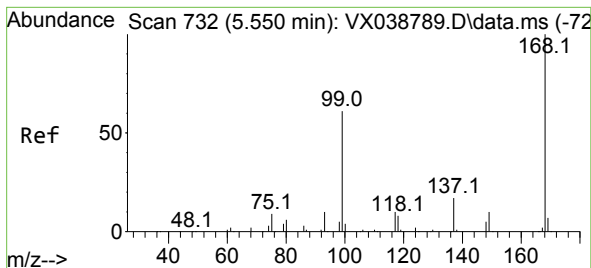
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX038911.D

Acq: 18 Nov 2023 05:53

Instrument :

MSVOA_X

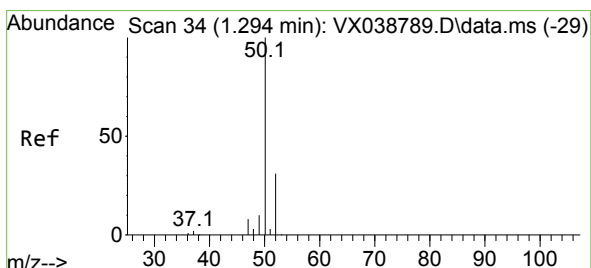
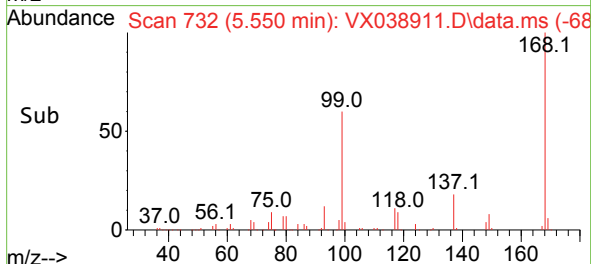
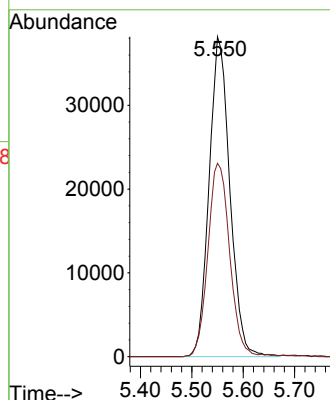
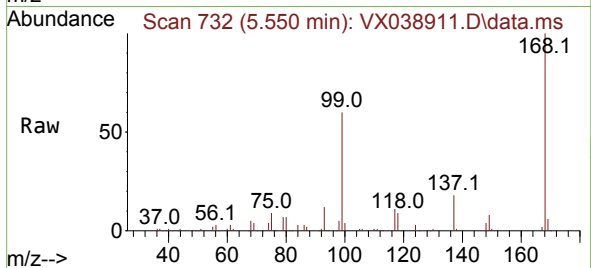
ClientSampleId :

Tgt Ion:168 Resp: 107230

Ion Ratio Lower Upper

168 100

99 60.5 56.6 85.0



#3

Chloromethane

Concen: 0.710 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.007 min

Lab File: VX038911.D

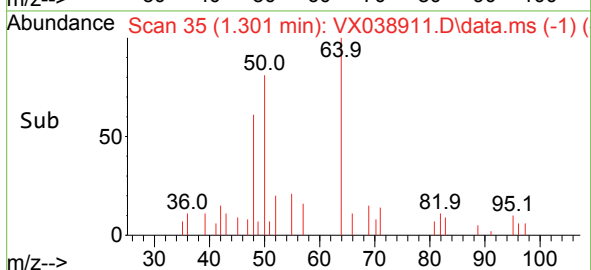
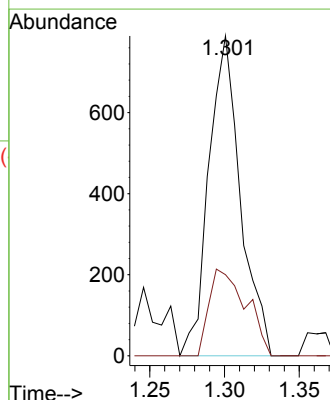
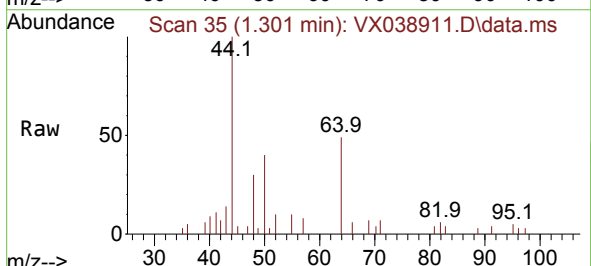
Acq: 18 Nov 2023 05:53

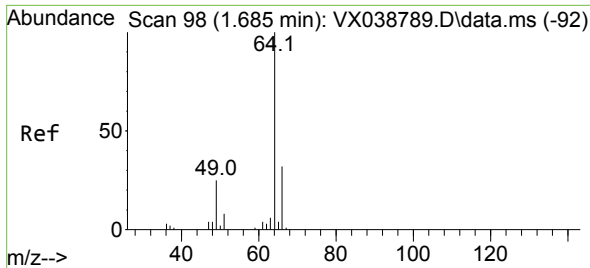
Tgt Ion: 50 Resp: 1160

Ion Ratio Lower Upper

50 100

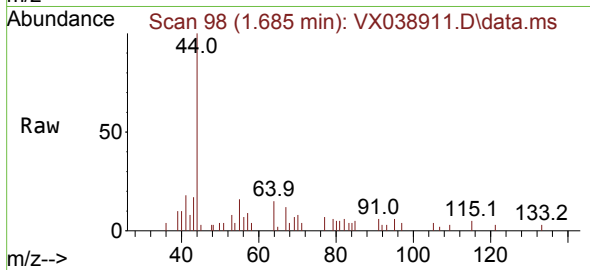
52 25.3 25.5 38.3#



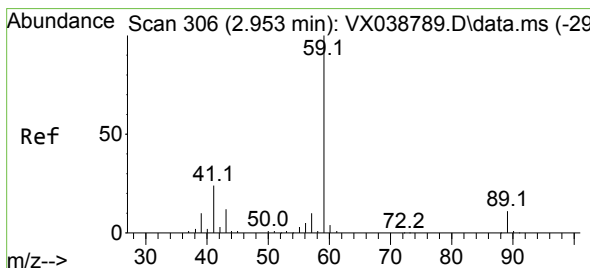
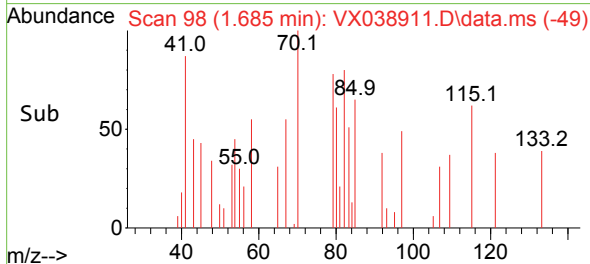
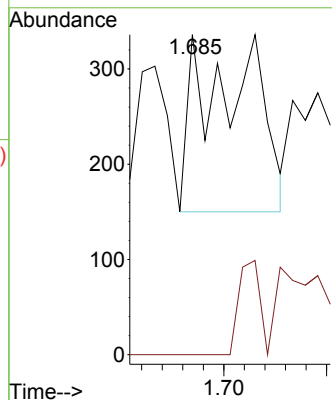


#6
Chloroethane
Concen: 0.390 ug/l
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038911.D
Acq: 18 Nov 2023 05:53

Instrument :
MSVOA_X
ClientSampleId :

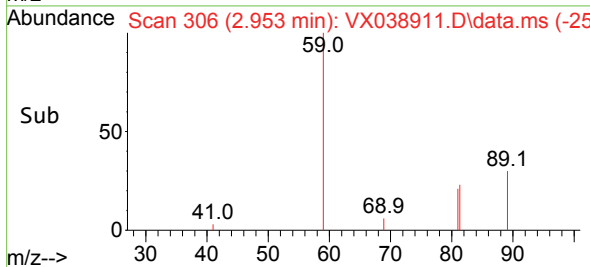
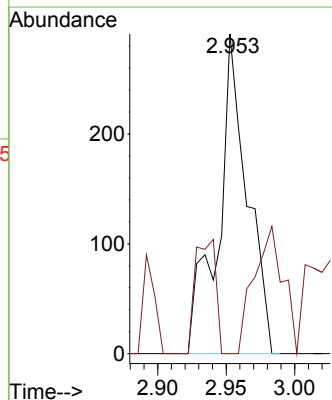
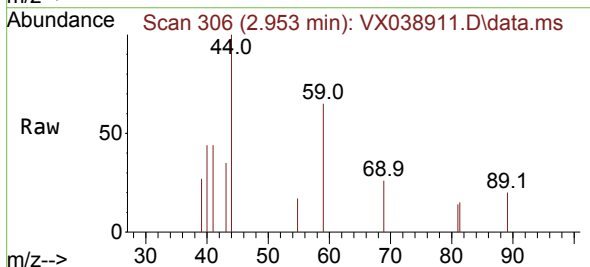


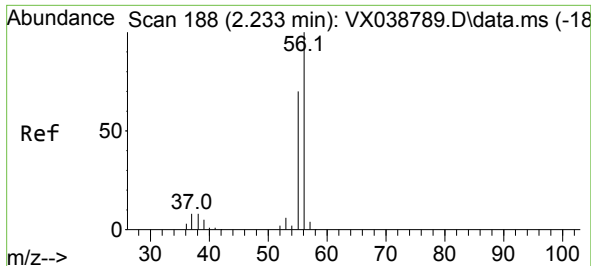
Tgt Ion: 64 Resp: 350
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.895 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038911.D
Acq: 18 Nov 2023 05:53

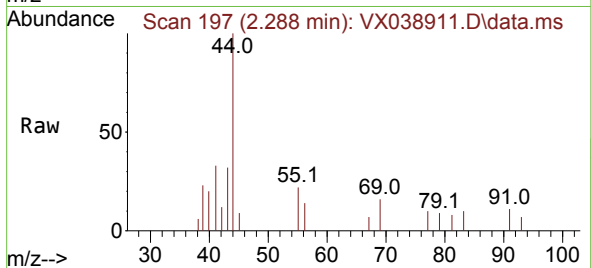
Tgt Ion: 59 Resp: 430
Ion Ratio Lower Upper
59 100
57 25.1 6.0 9.0#



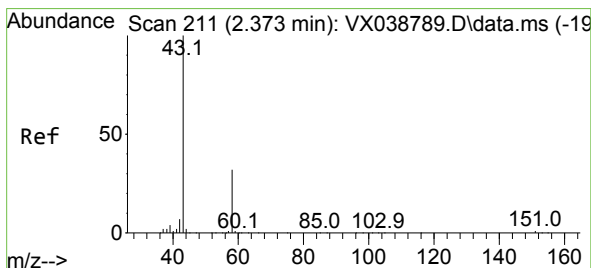
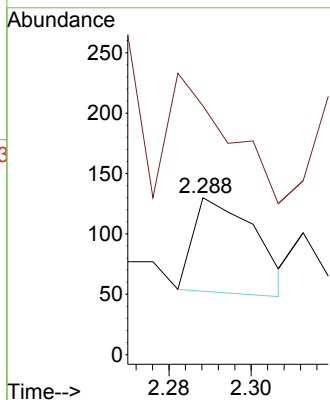
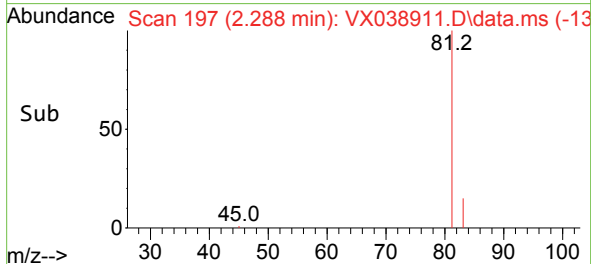


#13
Acrolein
Concen: 0.323 ug/l
RT: 2.288 min Scan# 197
Delta R.T. 0.055 min
Lab File: VX038911.D
Acq: 18 Nov 2023 05:53

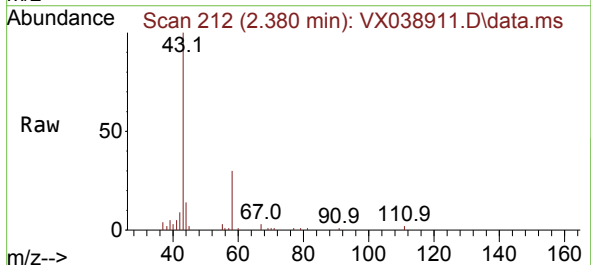
Instrument :
MSVOA_X
ClientSampleId :



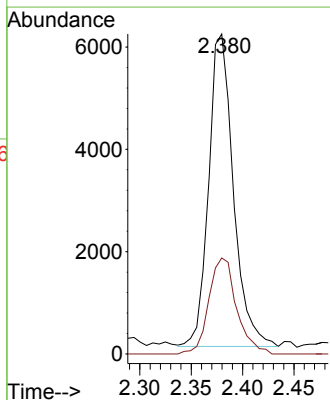
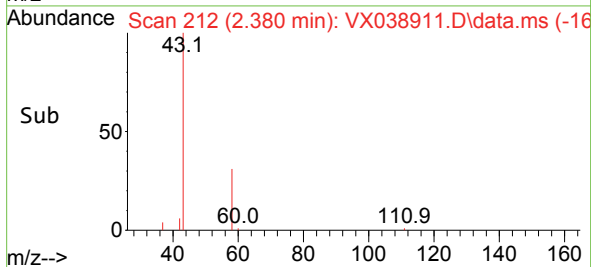
Tgt Ion: 56 Resp: 82
Ion Ratio Lower Upper
56 100
55 89.0 57.1 85.7#

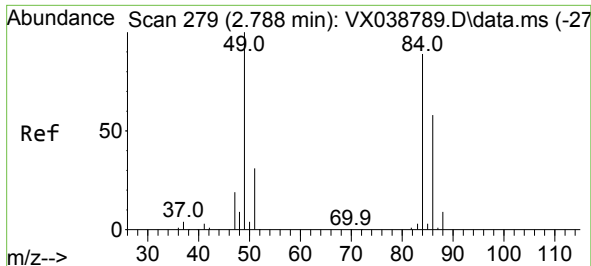


#16
Acetone
Concen: 11.100 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038911.D
Acq: 18 Nov 2023 05:53



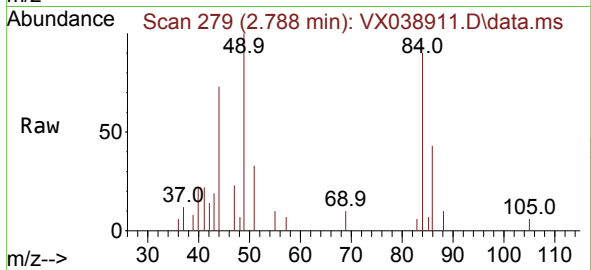
Tgt Ion: 43 Resp: 10210
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9



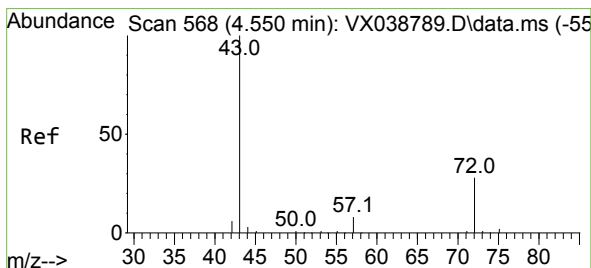
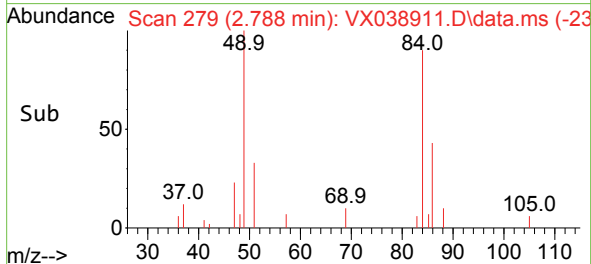
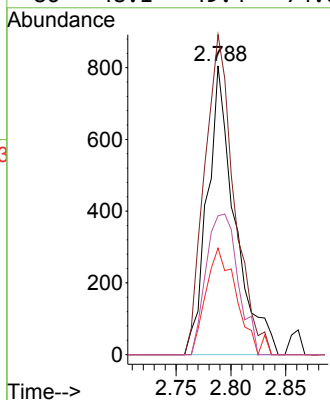


#20
Methylene Chloride
Concen: 0.849 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038911.D
Acq: 18 Nov 2023 05:53

Instrument :
MSVOA_X
ClientSampleId :

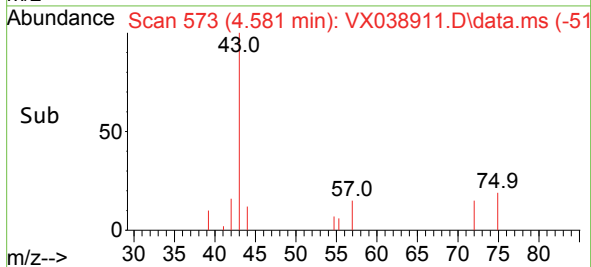
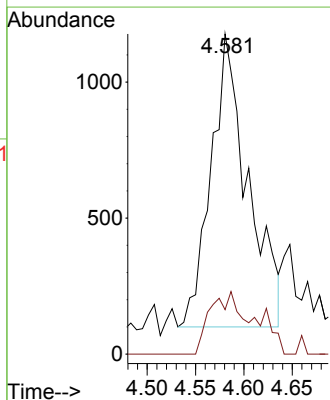
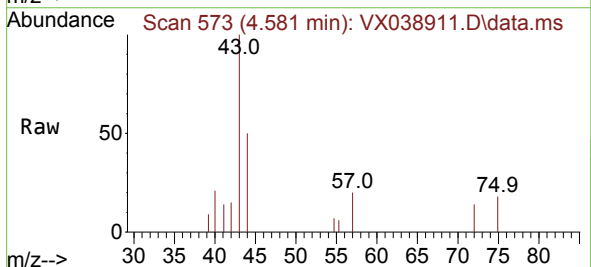


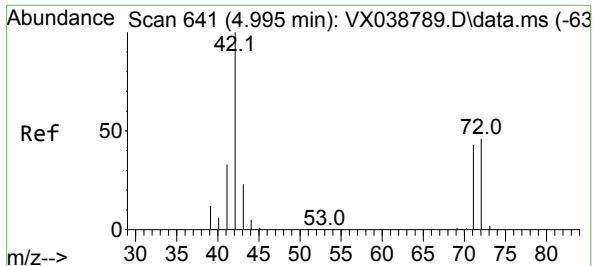
Tgt Ion:	84	Resp:	1407
Ion	Ratio	Lower	Upper
84	100		
49	110.8	103.6	155.4
51	36.9	33.8	50.6
86	48.1	49.4	74.0



#25
2-Butanone
Concen: 1.916 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.031 min
Lab File: VX038911.D
Acq: 18 Nov 2023 05:53

Tgt Ion:	43	Resp:	2858
Ion	Ratio	Lower	Upper
43	100		
72	15.1	19.4	29.2





#29

Tetrahydrofuran

Concen: 1.368 ug/l

RT: 5.038 min Scan# 641

Delta R.T. 0.043 min

Lab File: VX038911.D

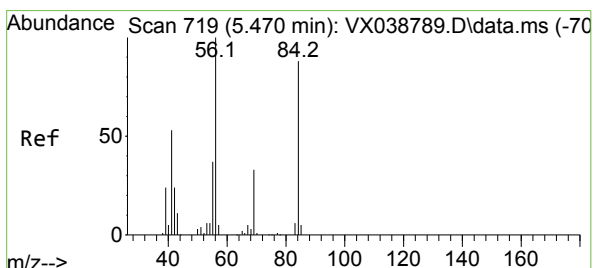
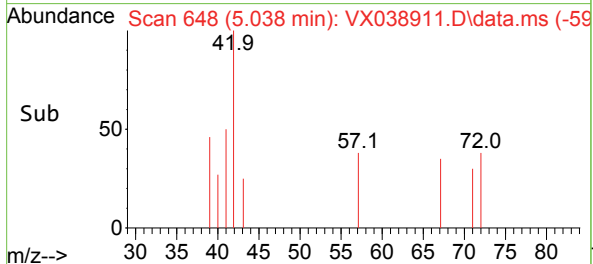
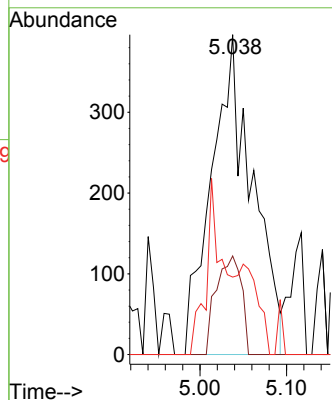
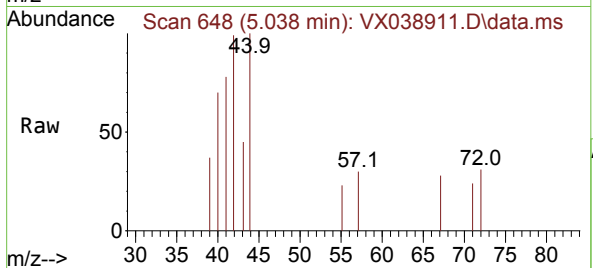
Acq: 18 Nov 2023 05:53

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	1296
Ion Ratio	Lower	Upper	
42	100		
72	19.0	34.2	51.4#
71	0.0	32.2	48.2#



#31

Cyclohexane

Concen: 1.248 ug/l

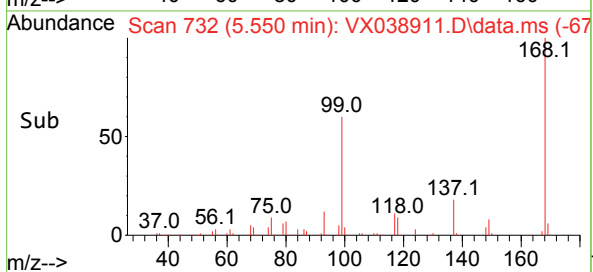
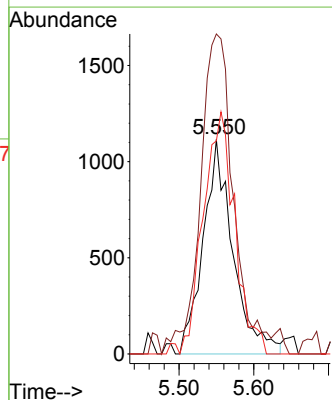
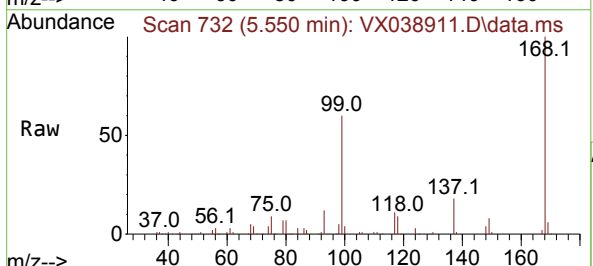
RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX038911.D

Acq: 18 Nov 2023 05:53

Tgt Ion:	56	Resp:	3078
Ion Ratio	Lower	Upper	
56	100		
69	138.9	23.4	35.2#
84	99.3	65.9	98.9#

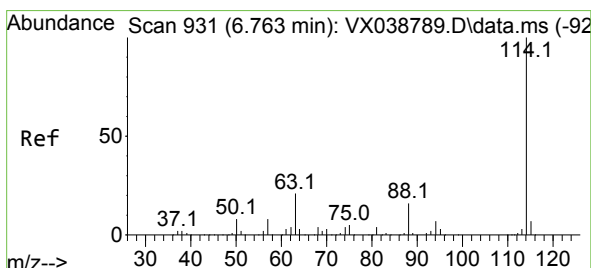
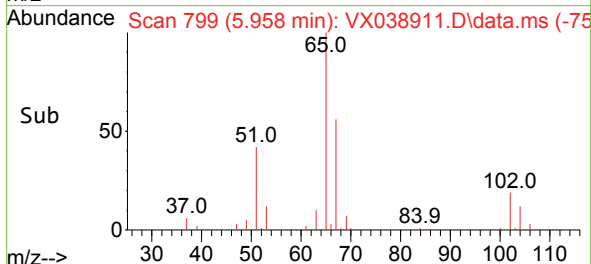
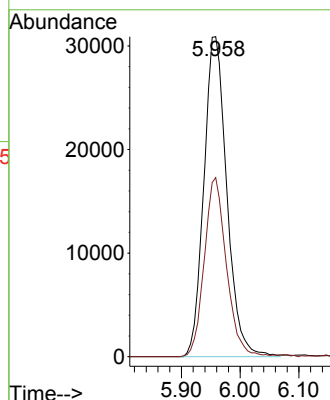
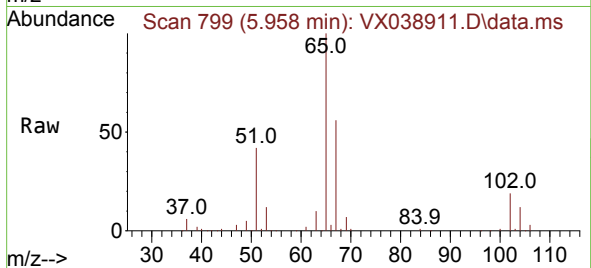




#33
 1,2-Dichloroethane-d4
 Concen: 48.587 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038911.D
 Acq: 18 Nov 2023 05:53

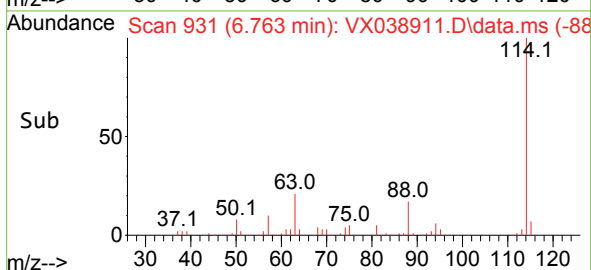
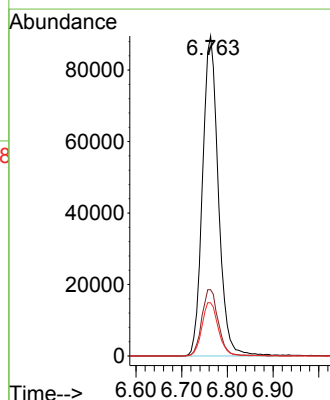
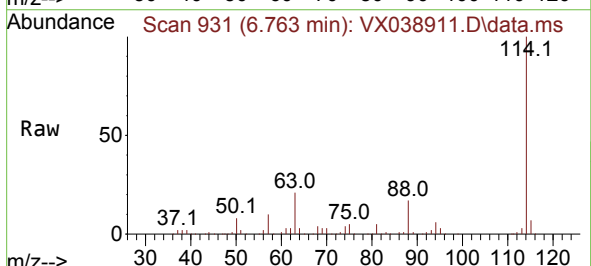
Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 65 Resp: 83951
 Ion Ratio Lower Upper
 65 100
 67 53.9 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: VX038911.D
 Acq: 18 Nov 2023 05:53

Tgt Ion: 114 Resp: 215716
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.0
 88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 43.819 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038911.D

Acq: 18 Nov 2023 05:53

Instrument :

MSVOA_X

ClientSampleId :

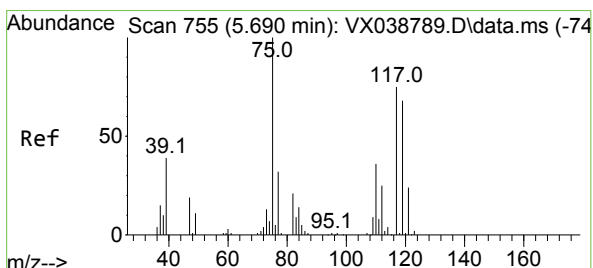
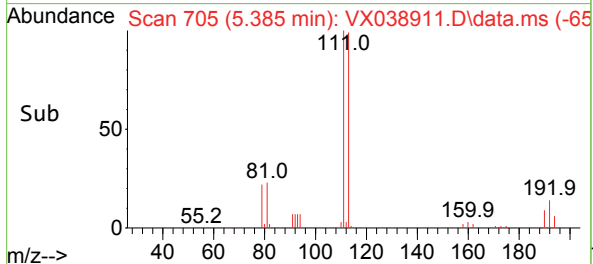
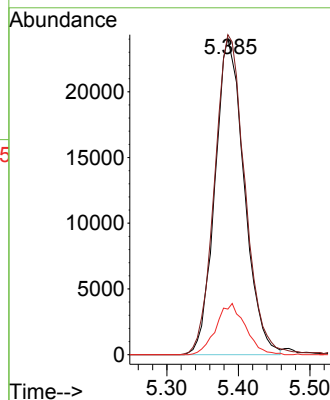
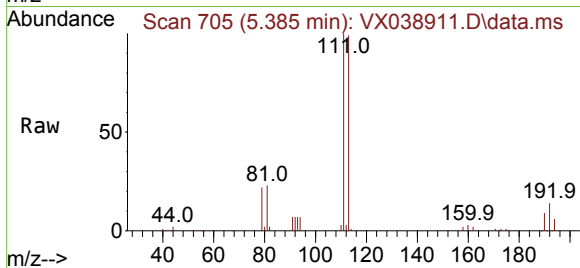
Tgt Ion:113 Resp: 68268

Ion Ratio Lower Upper

113 100

111 105.3 82.9 124.3

192 16.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.225 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX038911.D

Acq: 18 Nov 2023 05:53

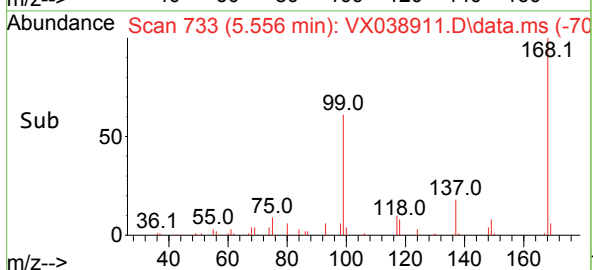
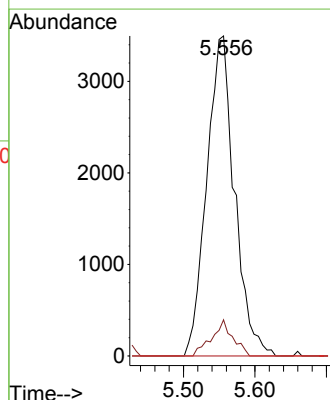
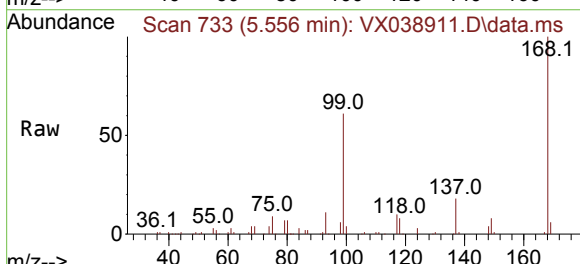
Tgt Ion: 75 Resp: 9435

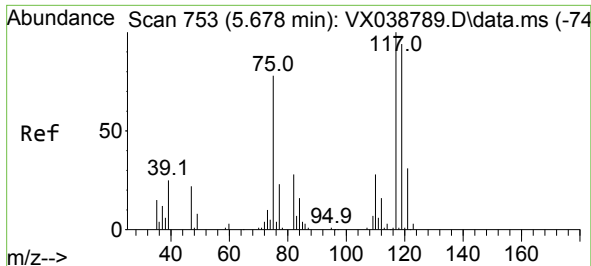
Ion Ratio Lower Upper

75 100

110 8.5 17.0 50.9#

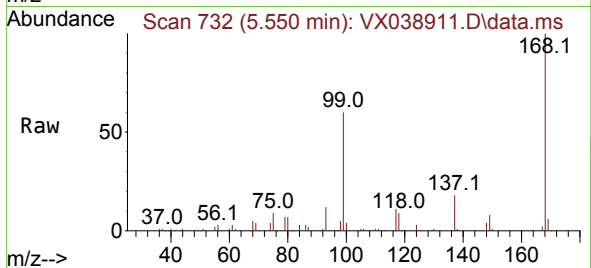
77 0.0 24.7 37.1#



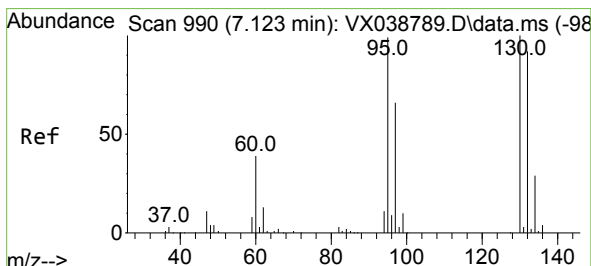
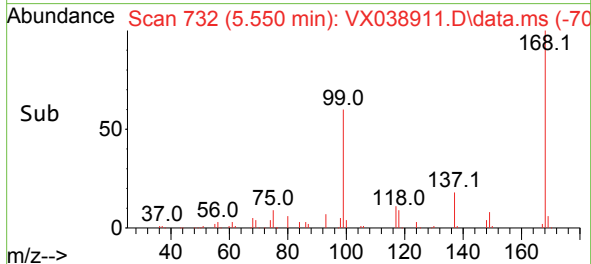
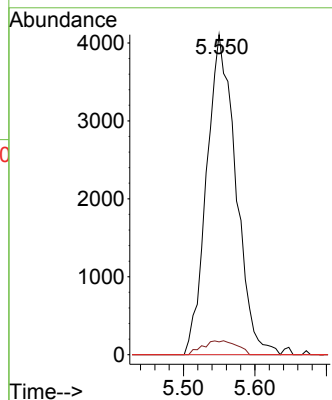


#38
Carbon Tetrachloride
Concen: 5.656 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038911.D
Acq: 18 Nov 2023 05:53

Instrument :
MSVOA_X
ClientSampleId :

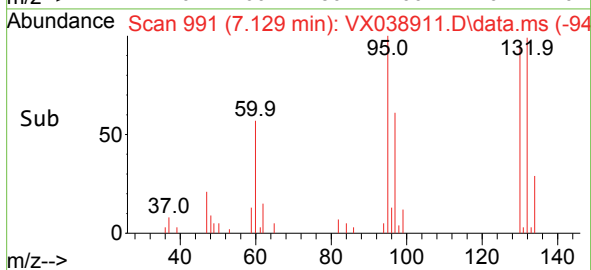
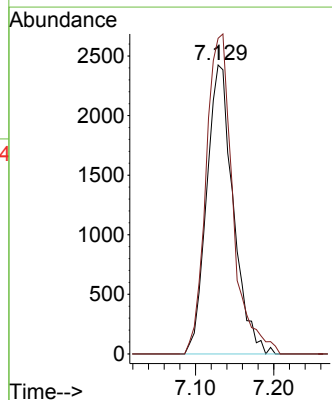
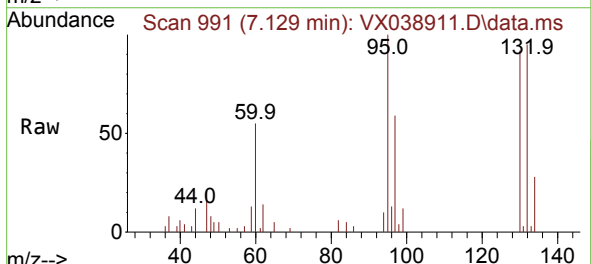


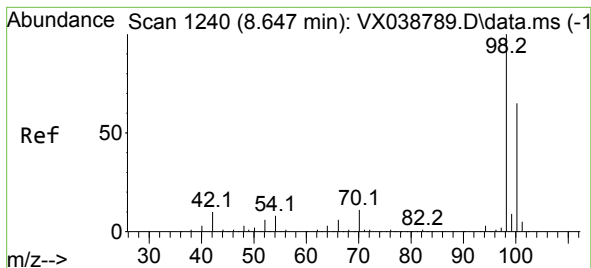
Tgt Ion:117 Resp: 11673
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 3.557 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038911.D
Acq: 18 Nov 2023 05:53

Tgt Ion:130 Resp: 5718
Ion Ratio Lower Upper
130 100
95 109.2 0.0 204.4





#50

Toluene-d8

Concen: 45.551 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038911.D

Acq: 18 Nov 2023 05:53

Instrument :

MSVOA_X

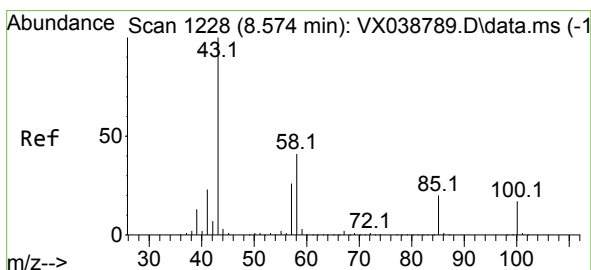
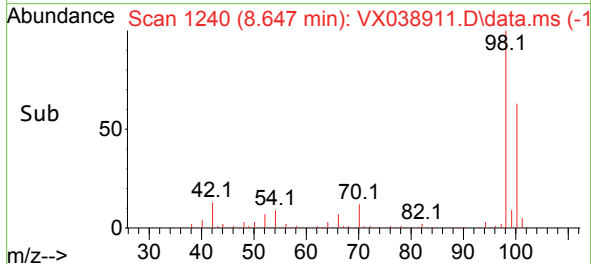
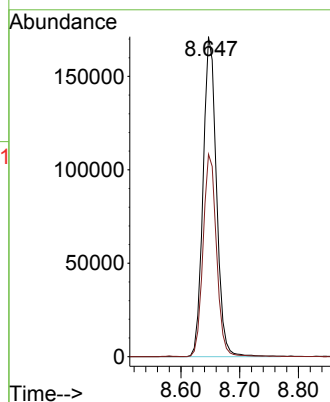
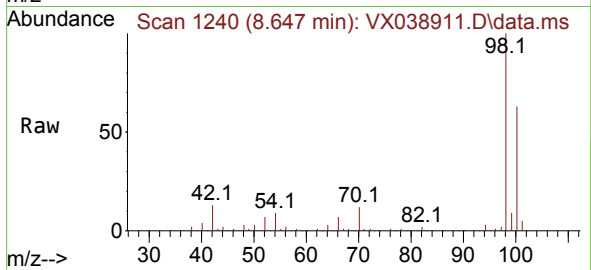
ClientSampleId :

Tgt Ion: 98 Resp: 271519

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 1.141 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX038911.D

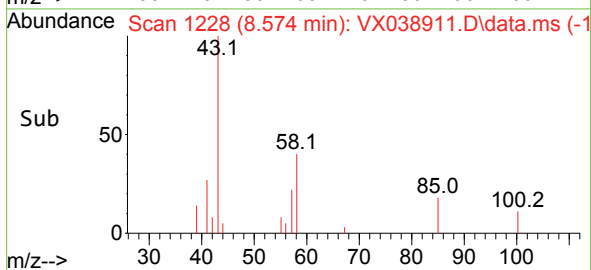
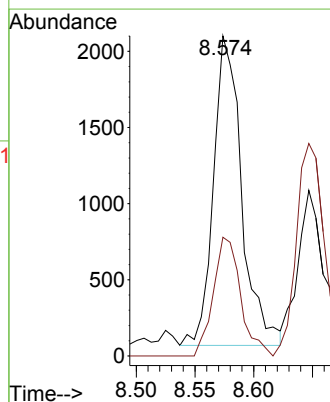
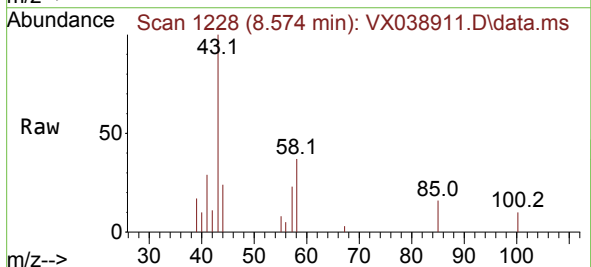
Acq: 18 Nov 2023 05:53

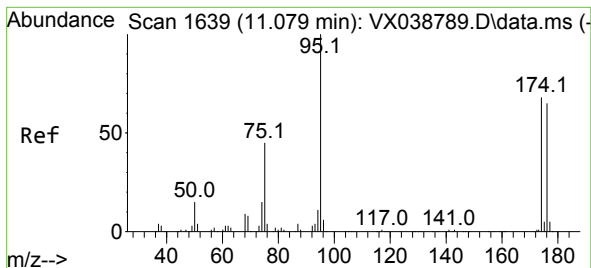
Tgt Ion: 43 Resp: 3389

Ion Ratio Lower Upper

43 100

58 37.1 30.4 45.6

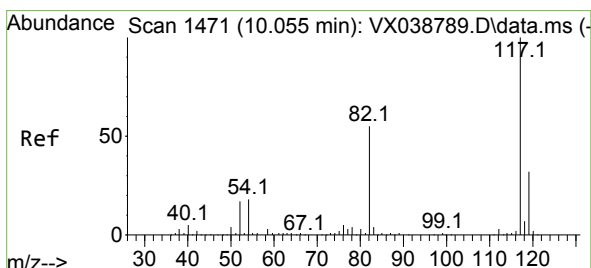
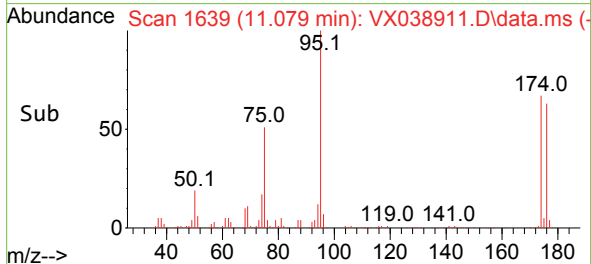
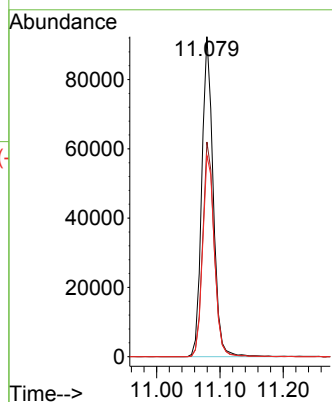
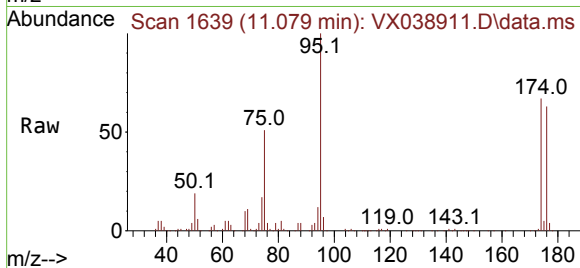




#62
4-Bromofluorobenzene
Concen: 48.525 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038911.D
Acq: 18 Nov 2023 05:53

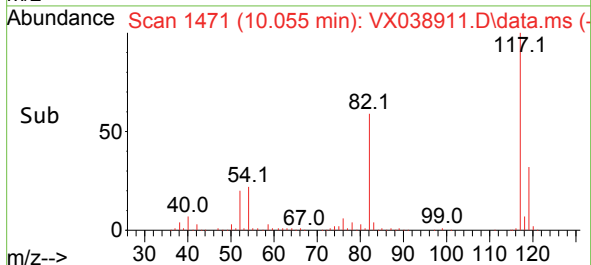
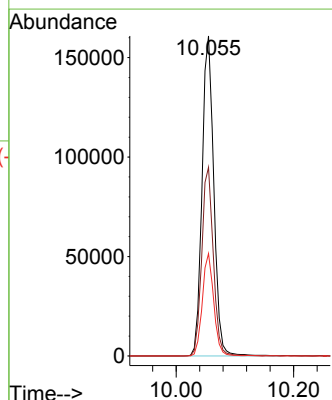
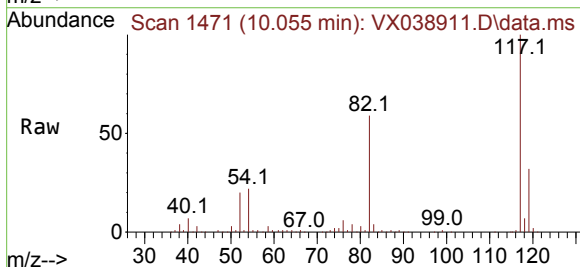
Instrument :
MSVOA_X
ClientSampleId :

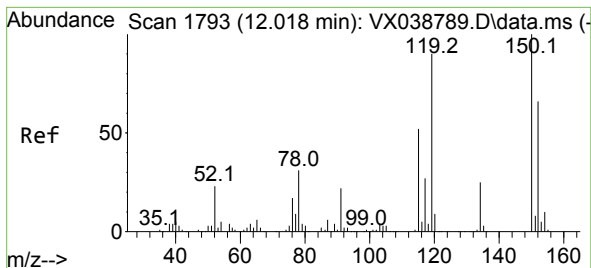
Tgt Ion: 95 Resp: 115788
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.6
176 65.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038911.D
Acq: 18 Nov 2023 05:53

Tgt Ion: 117 Resp: 223183
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038911.D

Acq: 18 Nov 2023 05:53

Instrument :

MSVOA_X

ClientSampleId :

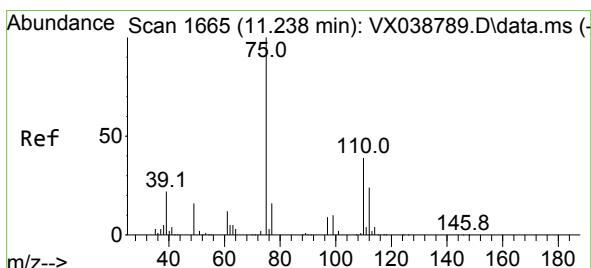
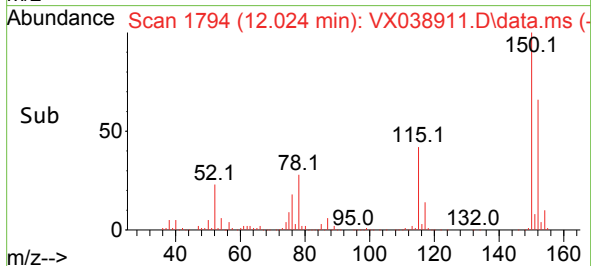
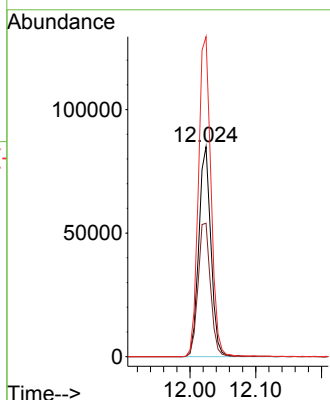
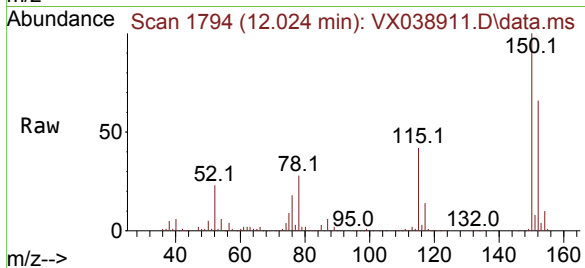
Tgt Ion:152 Resp: 109098

Ion Ratio Lower Upper

152 100

115 65.5 43.3 129.9

150 157.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.207 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038911.D

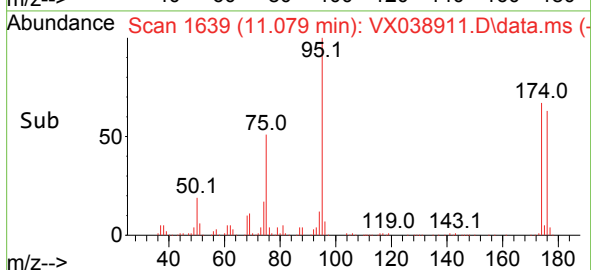
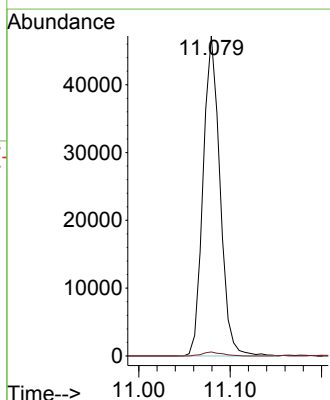
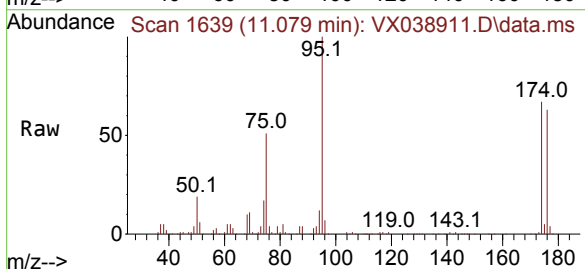
Acq: 18 Nov 2023 05:53

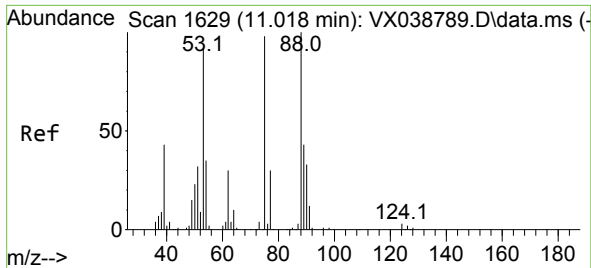
Tgt Ion: 75 Resp: 60448

Ion Ratio Lower Upper

75 100

77 1.5 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.258 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038911.D
 Acq: 18 Nov 2023 05:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 60448
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

