

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038843.D
 Acq On : 16 Nov 2023 17:26
 Operator : JC/MD
 Sample : VX1116WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 16 23:04:00 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)

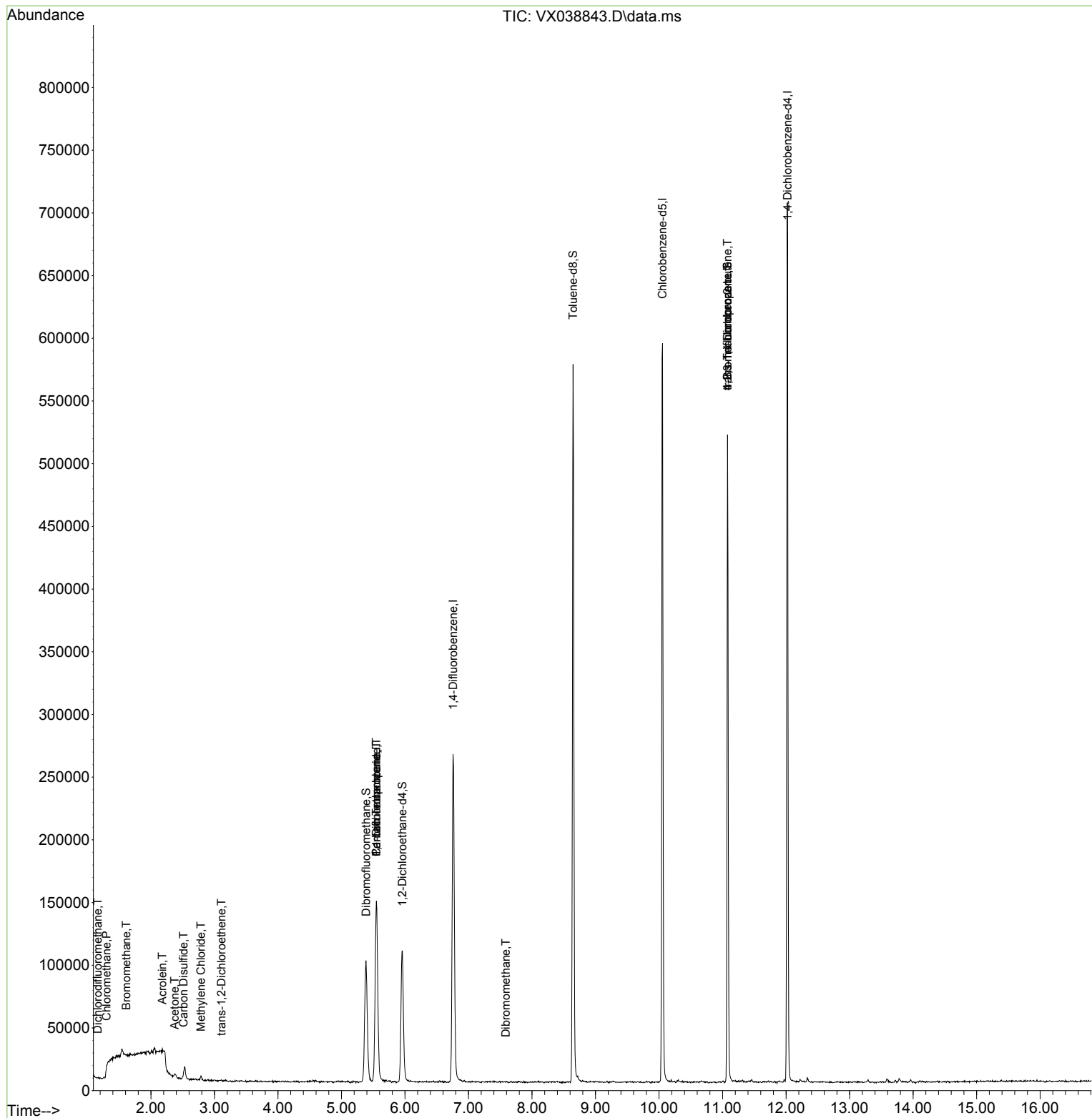
Internal Standards						
1) Pentafluorobenzene	5.550	168	133279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	270646	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	275988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97659	45.474	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.940%
35) Dibromofluoromethane	5.385	113	86091	44.044	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.080%
50) Toluene-d8	8.647	98	348281	46.570	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.140%
62) 4-Bromofluorobenzene	11.079	95	146546	48.950	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.160	85	378	0.243	ug/l #	41
3) Chloromethane	1.301	50	676	0.333	ug/l #	70
5) Bromomethane	1.612	94	418	0.517	ug/l #	15
13) Acrolein	2.179	56	161	0.509	ug/l #	1
16) Acetone	2.374	43	2664	2.330	ug/l #	77
17) Carbon Disulfide	2.514	76	1913	0.372	ug/l #	88
20) Methylene Chloride	2.788	84	1387	0.673	ug/l #	87
21) trans-1,2-Dichloroethene	3.111	96	507	0.277	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	11684	4.171	ug/l #	52
38) Carbon Tetrachloride	5.550	117	14700	5.677	ug/l #	16
46) Dibromomethane	7.586	93	448	0.301	ug/l #	37
76) 1,2,3-Trichloropropane	11.079	75	73411	21.033	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	73411	46.653	ug/l #	5

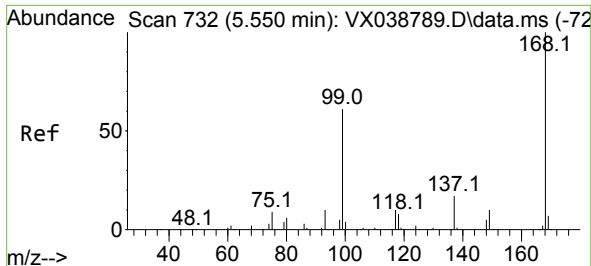
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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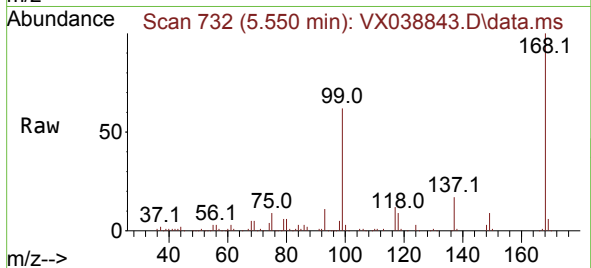
Quant Time: Nov 16 23:04:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
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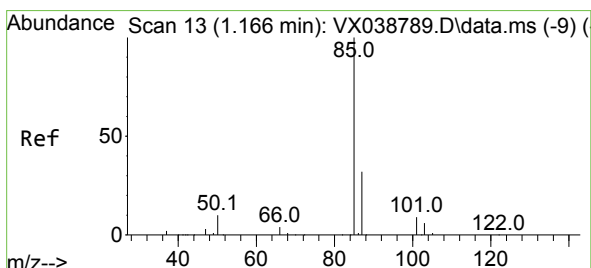
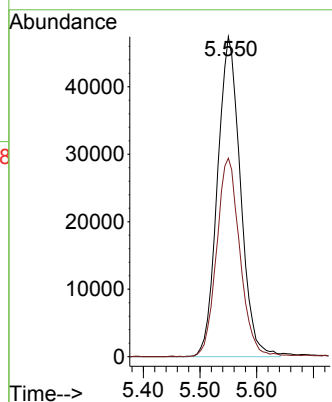
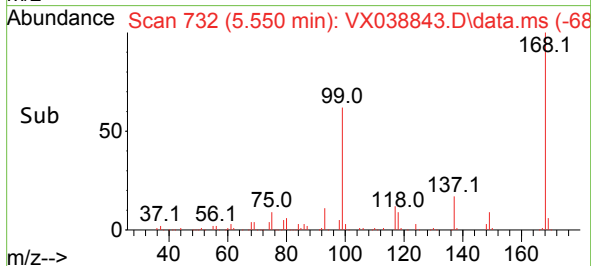


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :

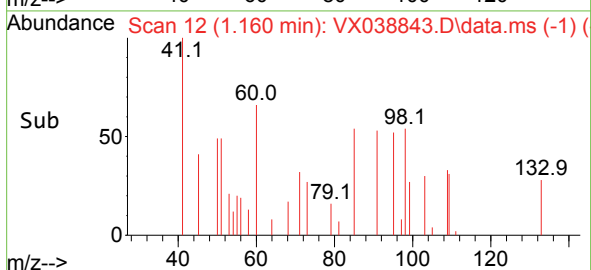
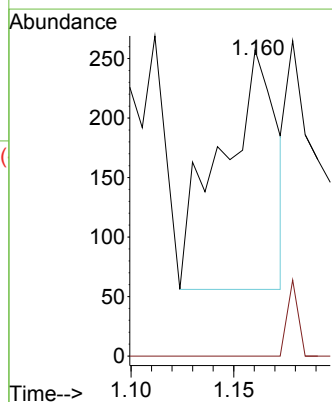
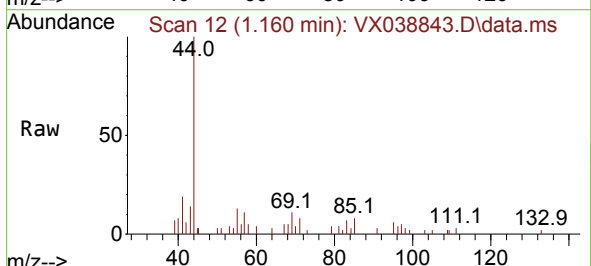


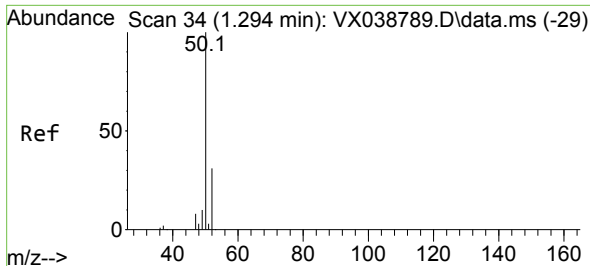
Tgt Ion:168 Resp: 133279
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.243 ug/l
RT: 1.160 min Scan# 12
Delta R.T. -0.006 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

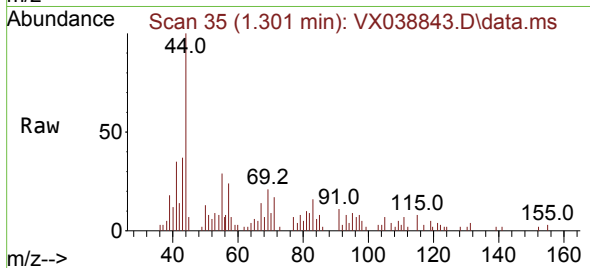
Tgt Ion: 85 Resp: 378
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#



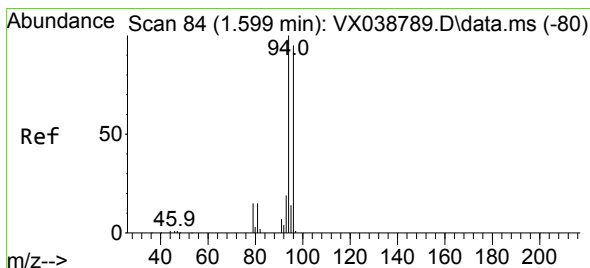
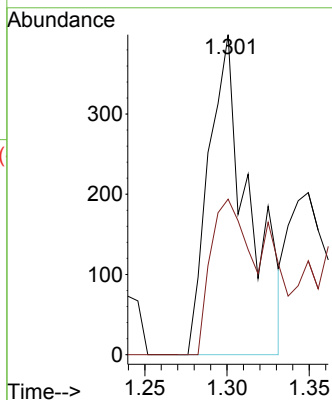
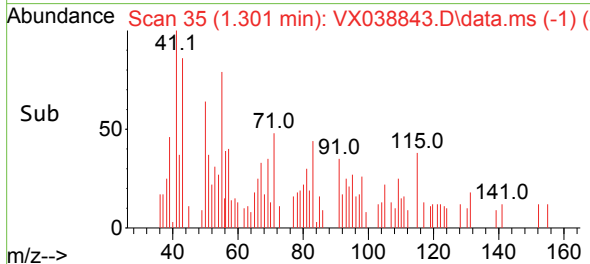


#3
Chloromethane
Concen: 0.333 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :

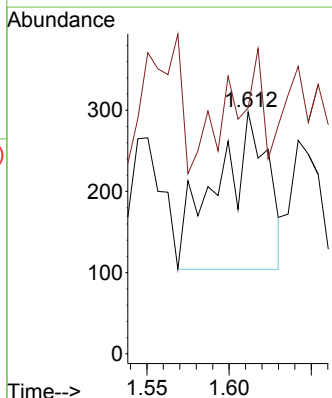
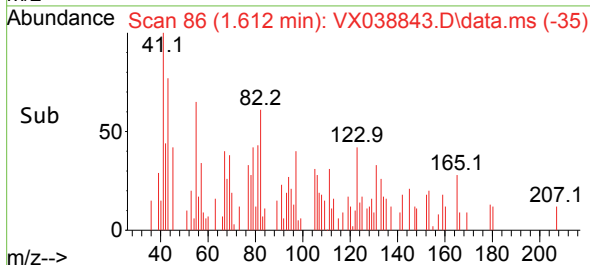
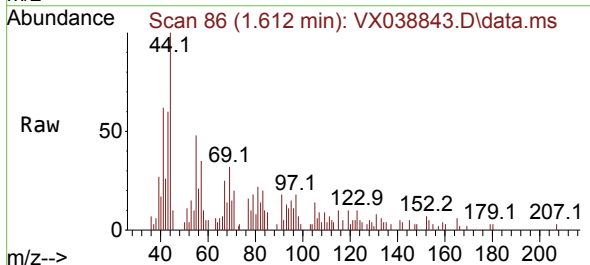


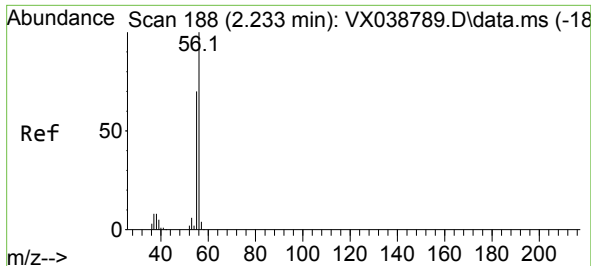
Tgt Ion: 50 Resp: 676
Ion Ratio Lower Upper
50 100
52 48.6 25.5 38.3#



#5
Bromomethane
Concen: 0.517 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

Tgt Ion: 94 Resp: 418
Ion Ratio Lower Upper
94 100
96 11.3 74.6 111.8#





#13

Acrolein

Concen: 0.509 ug/l

RT: 2.179 min Scan# 11

Delta R.T. -0.055 min

Lab File: VX038843.D

Acq: 16 Nov 2023 17:26

Instrument :

MSVOA_X

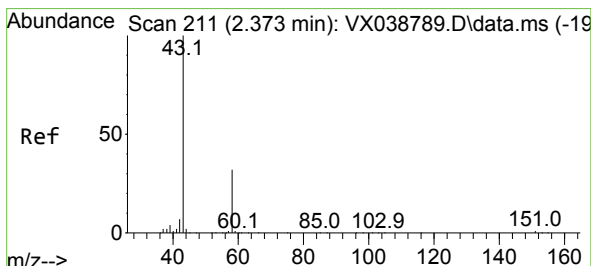
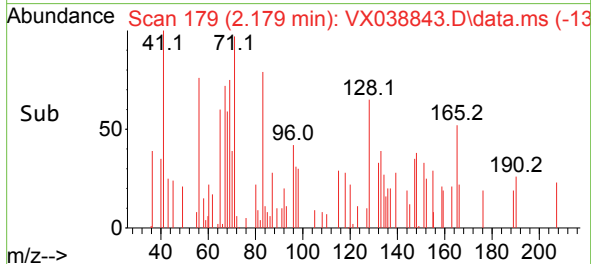
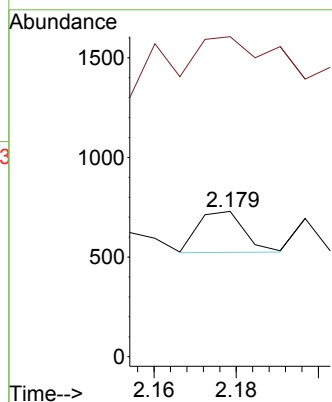
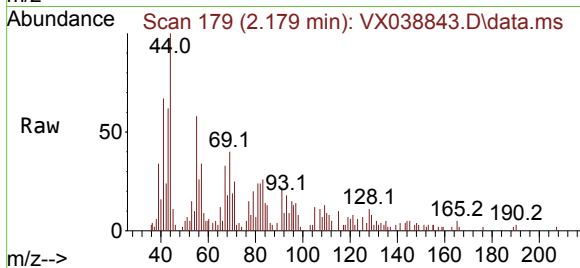
ClientSampleId :

Tgt Ion: 56 Resp: 161

Ion Ratio Lower Upper

56 100

55 589.4 57.1 85.7#



#16

Acetone

Concen: 2.330 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX038843.D

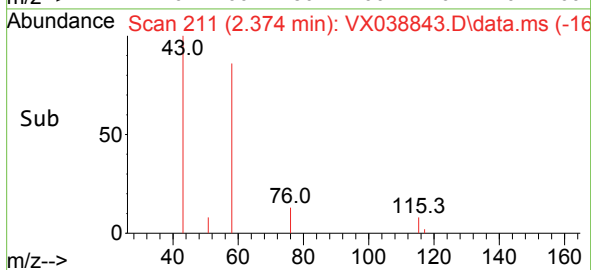
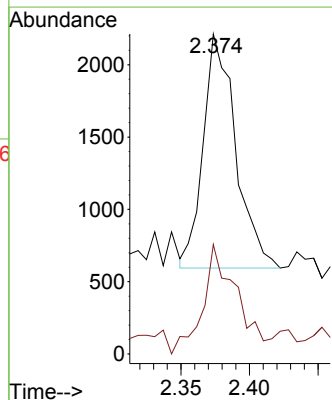
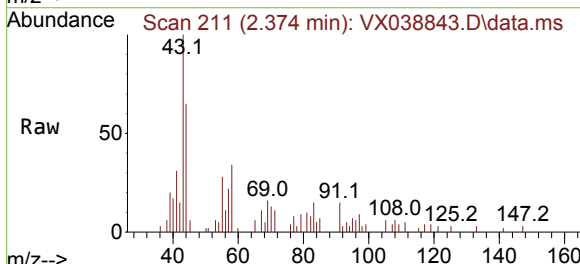
Acq: 16 Nov 2023 17:26

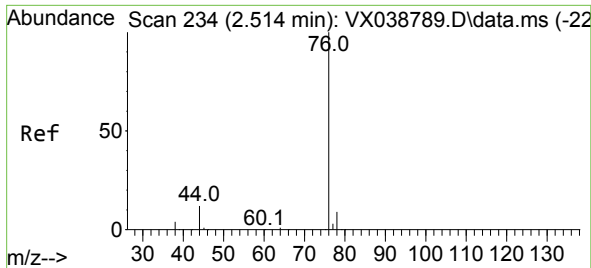
Tgt Ion: 43 Resp: 2664

Ion Ratio Lower Upper

43 100

58 39.3 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.372 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038843.D

Acq: 16 Nov 2023 17:26

Instrument :

MSVOA_X

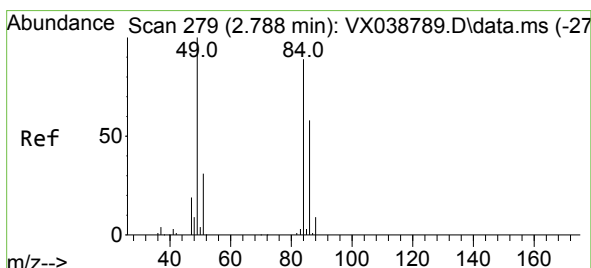
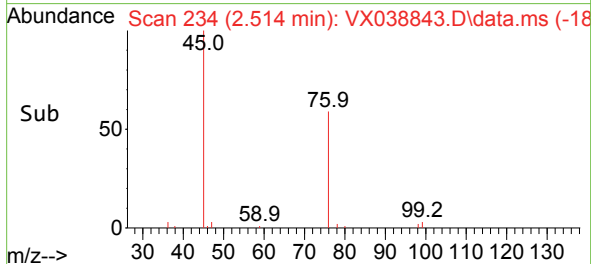
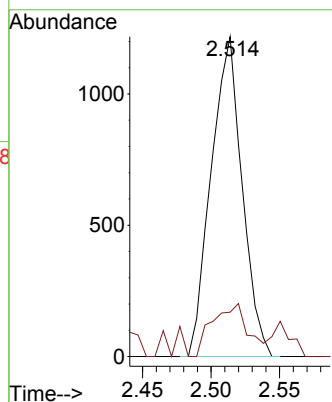
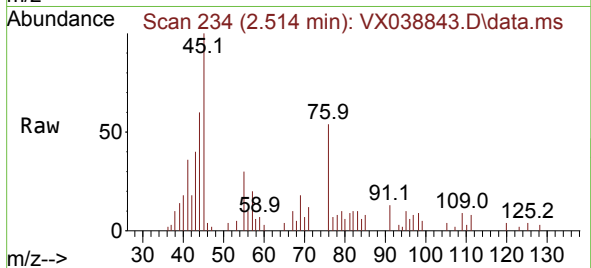
ClientSampleId :

Tgt Ion: 76 Resp: 1913

Ion Ratio Lower Upper

76 100

78 4.4 7.0 10.6#



#20

Methylene Chloride

Concen: 0.673 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038843.D

Acq: 16 Nov 2023 17:26

Tgt Ion: 84 Resp: 1387

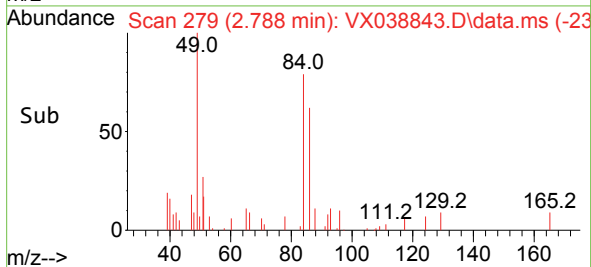
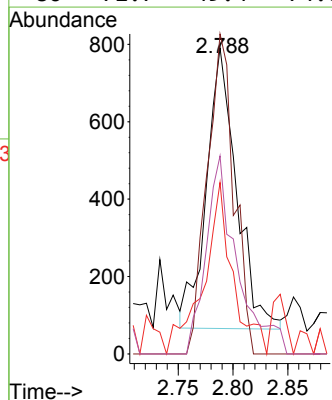
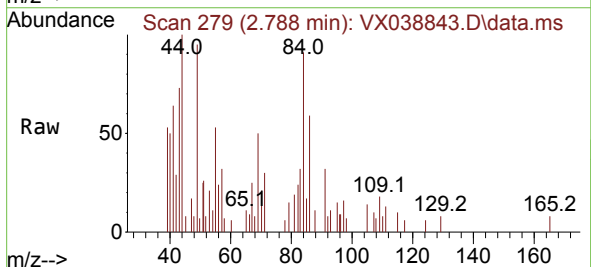
Ion Ratio Lower Upper

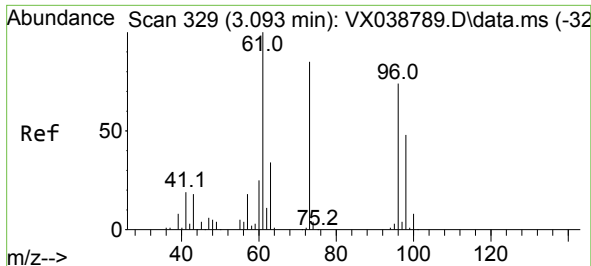
84 100

49 117.5 103.6 155.4

51 53.6 33.8 50.6#

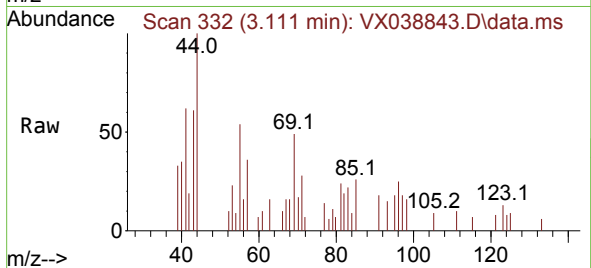
86 72.7 49.4 74.0



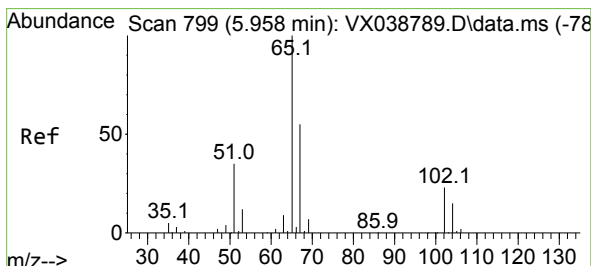
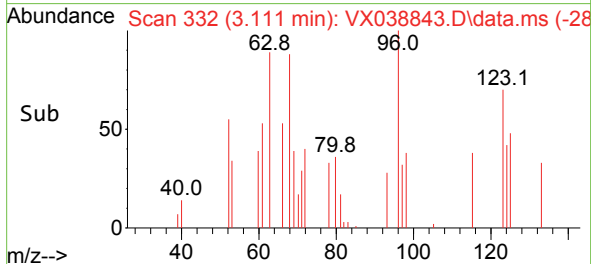
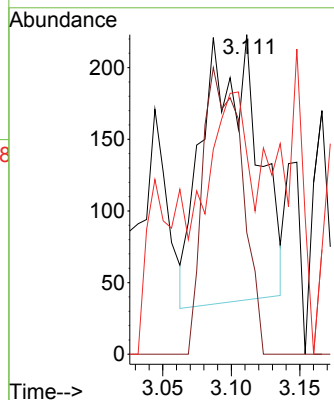


#21
trans-1,2-Dichloroethene
Concen: 0.277 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :

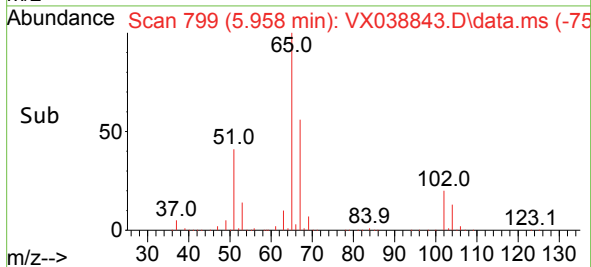
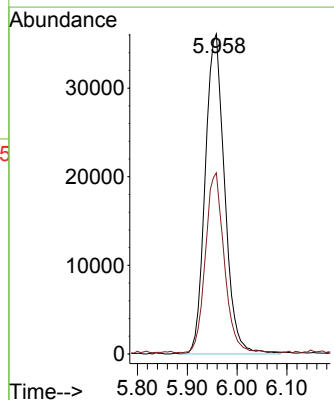
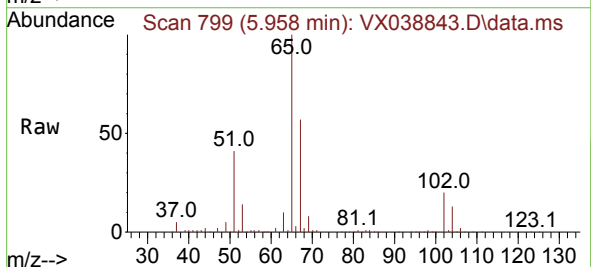


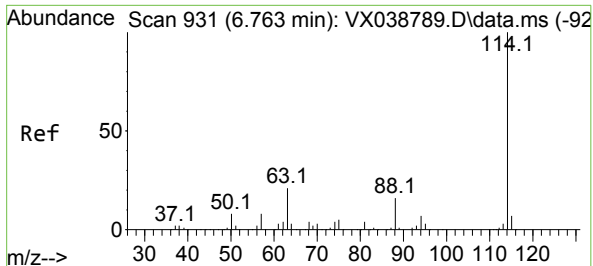
Tgt Ion: 96 Resp: 507
Ion Ratio Lower Upper
96 100
61 52.8 119.2 178.8#
98 15.5 48.7 73.1#



#33
1,2-Dichloroethene-d4
Concen: 45.474 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

Tgt Ion: 65 Resp: 97659
Ion Ratio Lower Upper
65 100
67 54.9 0.0 100.2

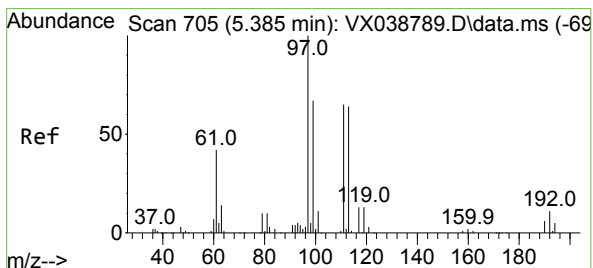
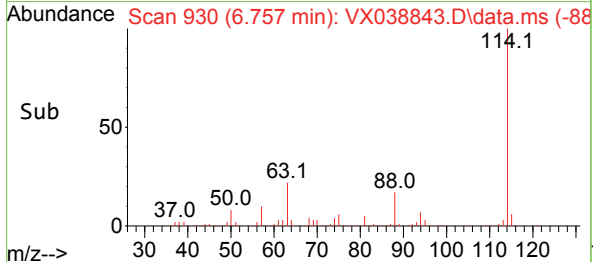
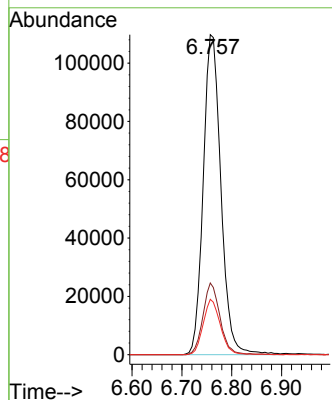
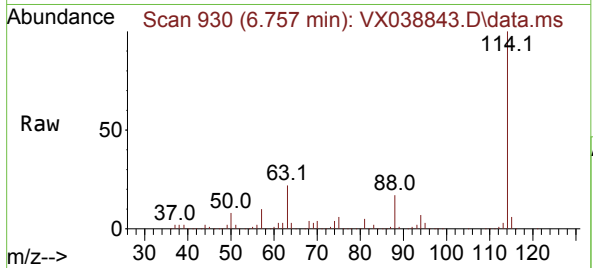




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

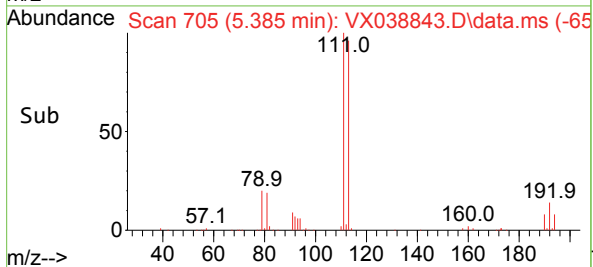
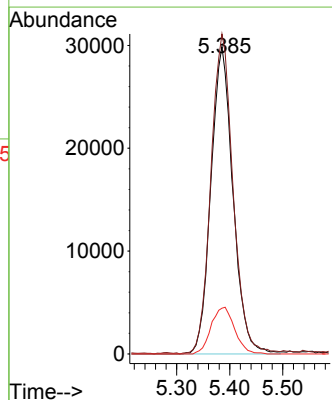
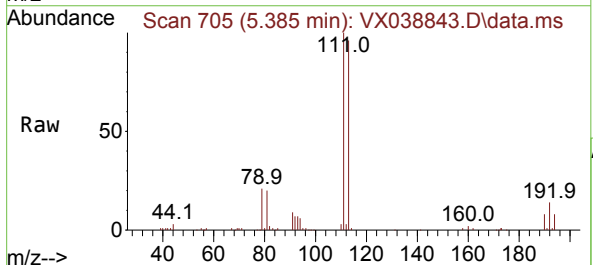
Instrument :
MSVOA_X
ClientSampleId :

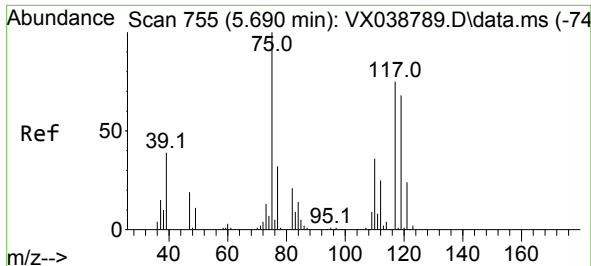
Tgt Ion:114 Resp: 270646
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 17.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.044 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

Tgt Ion:113 Resp: 86091
Ion Ratio Lower Upper
113 100
111 105.1 82.9 124.3
192 16.2 13.3 19.9

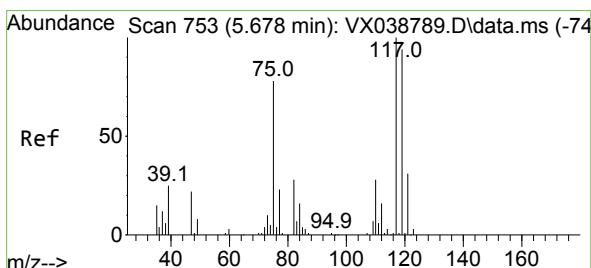
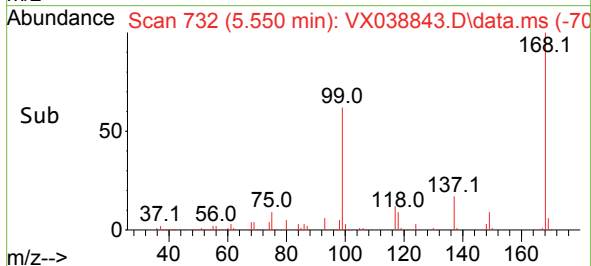
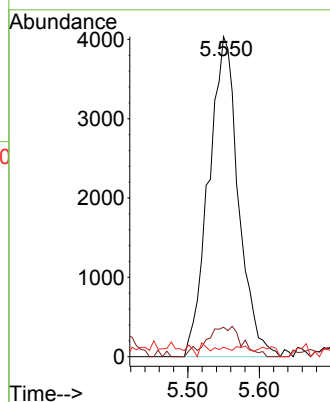
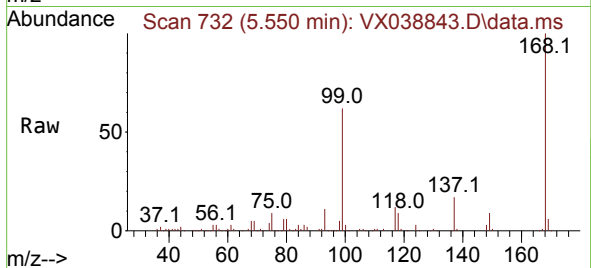




#36
1,1-Dichloropropene
Concen: 4.171 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

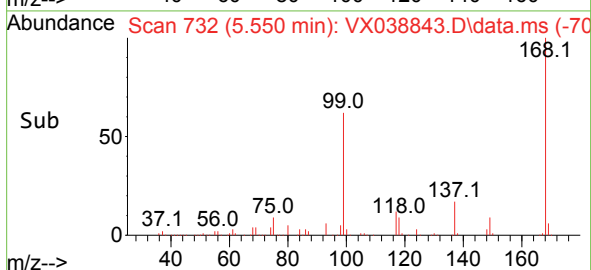
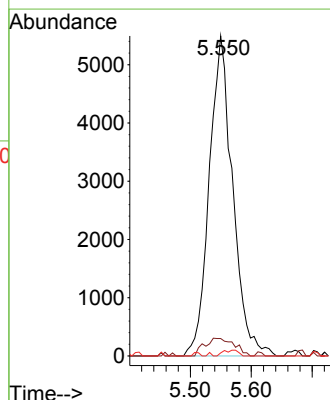
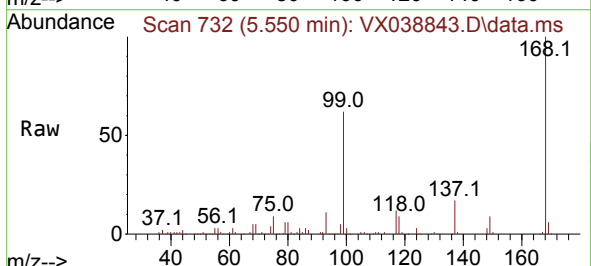
Instrument :
MSVOA_X
ClientSampleId :

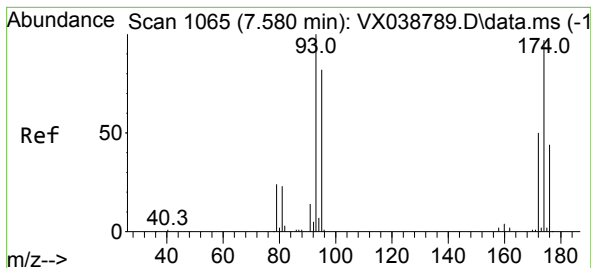
Tgt Ion: 75 Resp: 11684
Ion Ratio Lower Upper
75 100
110 11.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.677 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

Tgt Ion: 117 Resp: 14700
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 1.0 24.4 36.6#





#46

Dibromomethane

Concen: 0.301 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX038843.D

Acq: 16 Nov 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

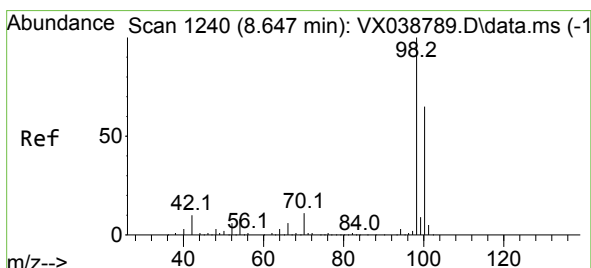
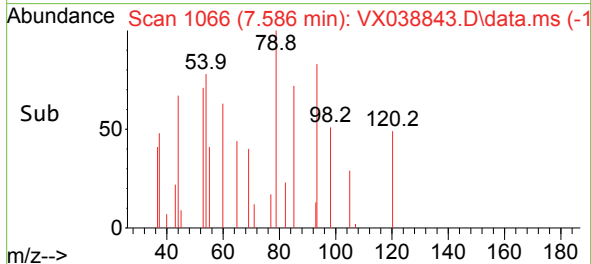
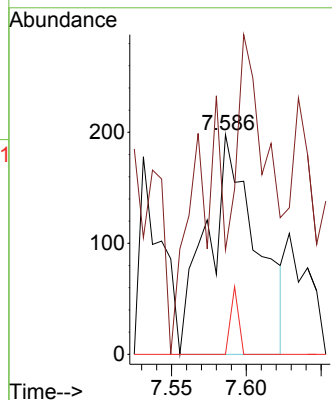
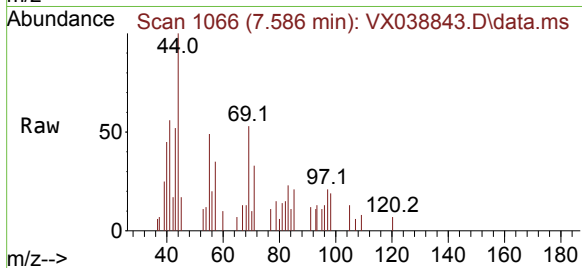
Tgt Ion: 93 Resp: 448

Ion Ratio Lower Upper

93 100

95 50.0 66.6 100.0#

174 4.9 69.4 104.0#



#50

Toluene-d8

Concen: 46.570 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038843.D

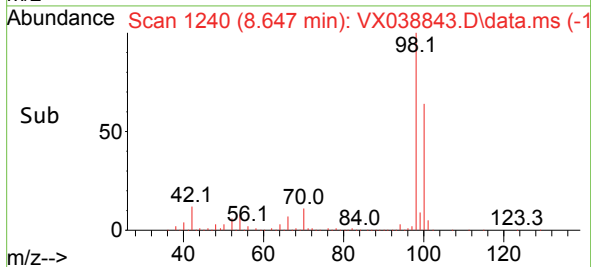
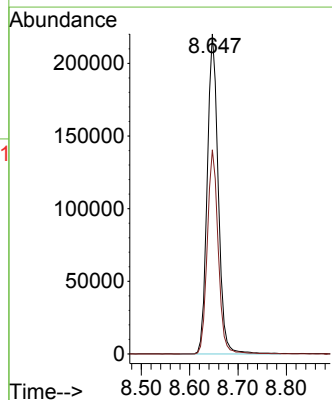
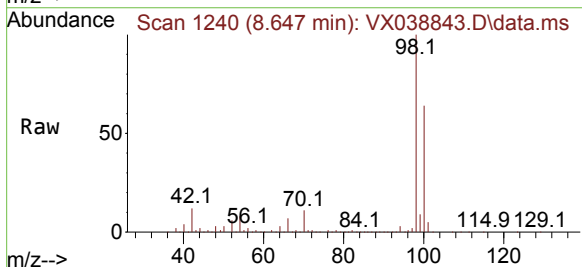
Acq: 16 Nov 2023 17:26

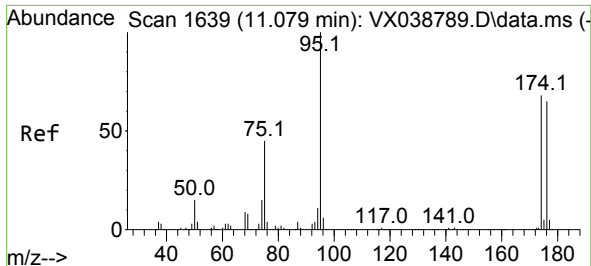
Tgt Ion: 98 Resp: 348281

Ion Ratio Lower Upper

98 100

100 63.4 53.1 79.7

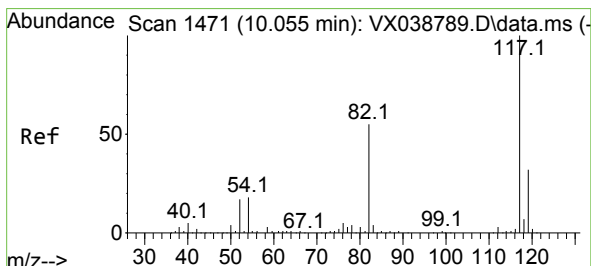
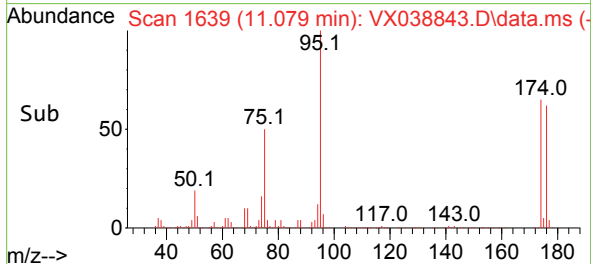
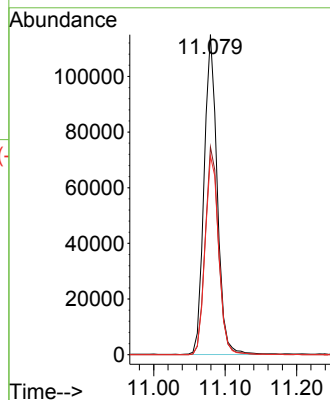
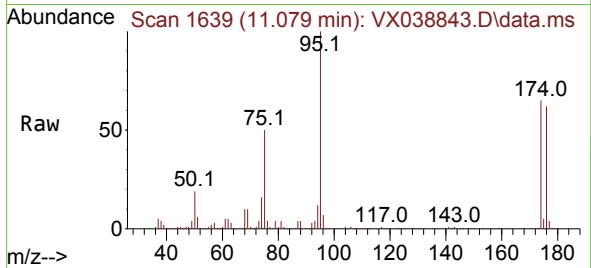




#62
4-Bromofluorobenzene
Concen: 48.950 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

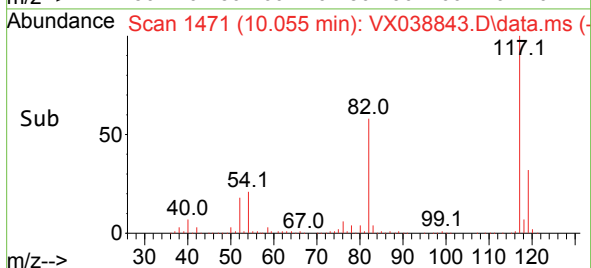
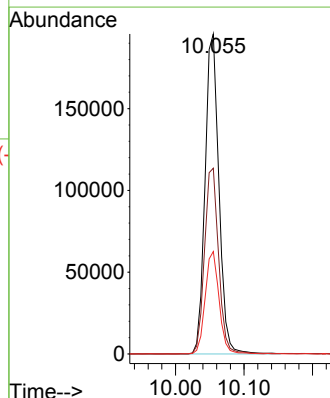
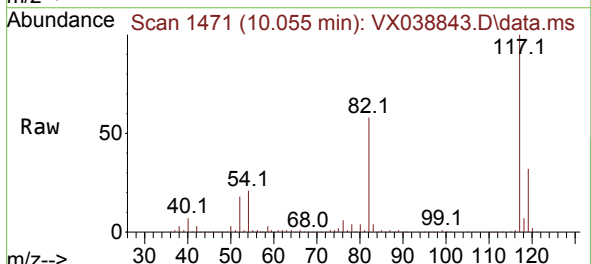
Instrument :
MSVOA_X
ClientSampleId :

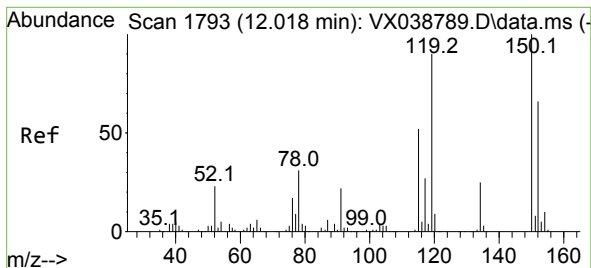
Tgt Ion: 95 Resp: 146546
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.6
176 64.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

Tgt Ion: 117 Resp: 275988
Ion Ratio Lower Upper
117 100
82 57.9 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: VX038843.D

Acq: 16 Nov 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

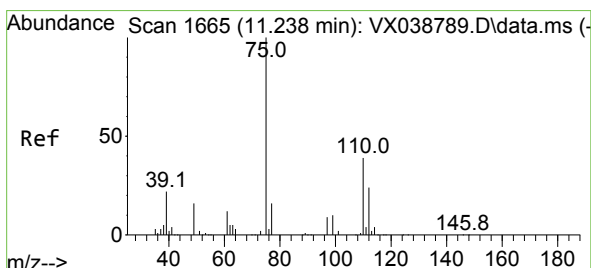
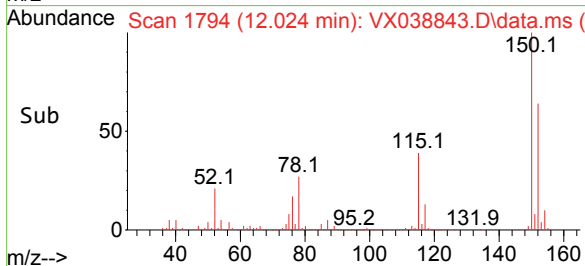
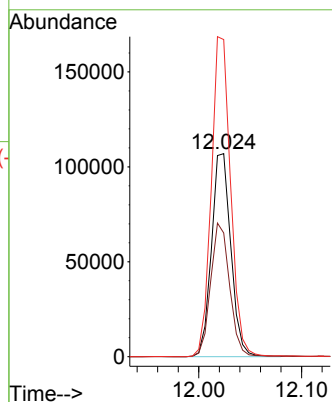
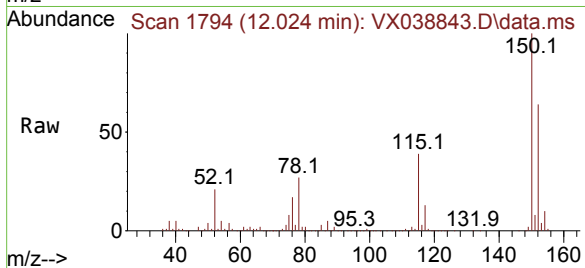
Tgt Ion:152 Resp: 139892

Ion Ratio Lower Upper

152 100

115 64.8 43.3 129.9

150 157.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.033 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038843.D

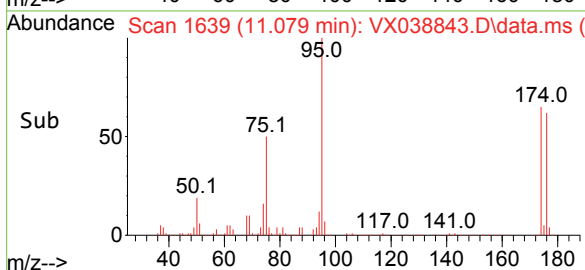
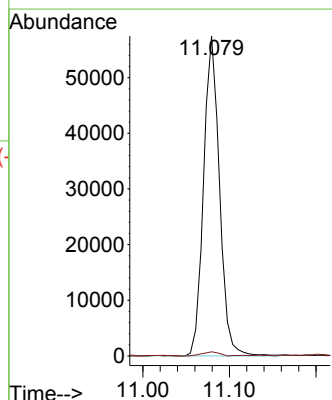
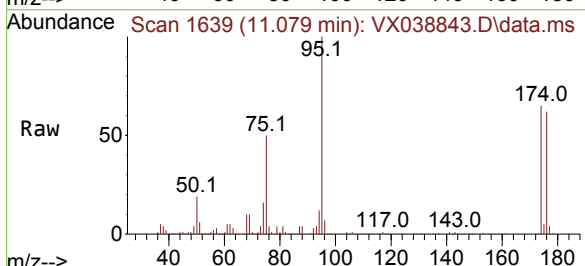
Acq: 16 Nov 2023 17:26

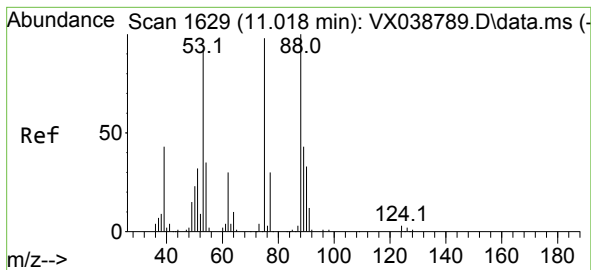
Tgt Ion: 75 Resp: 73411

Ion Ratio Lower Upper

75 100

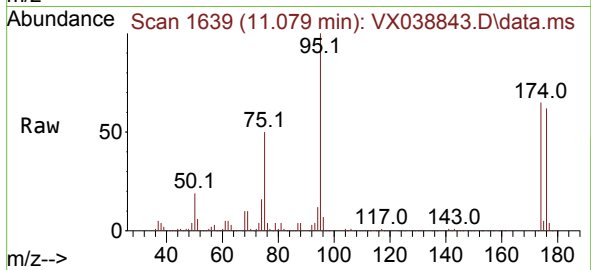
77 1.5 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.653 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038843.D
 Acq: 16 Nov 2023 17:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 73411
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

