

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038880.D
 Acq On : 17 Nov 2023 15:06
 Operator : JC/MD
 Sample : 05403-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 22:51:13 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)

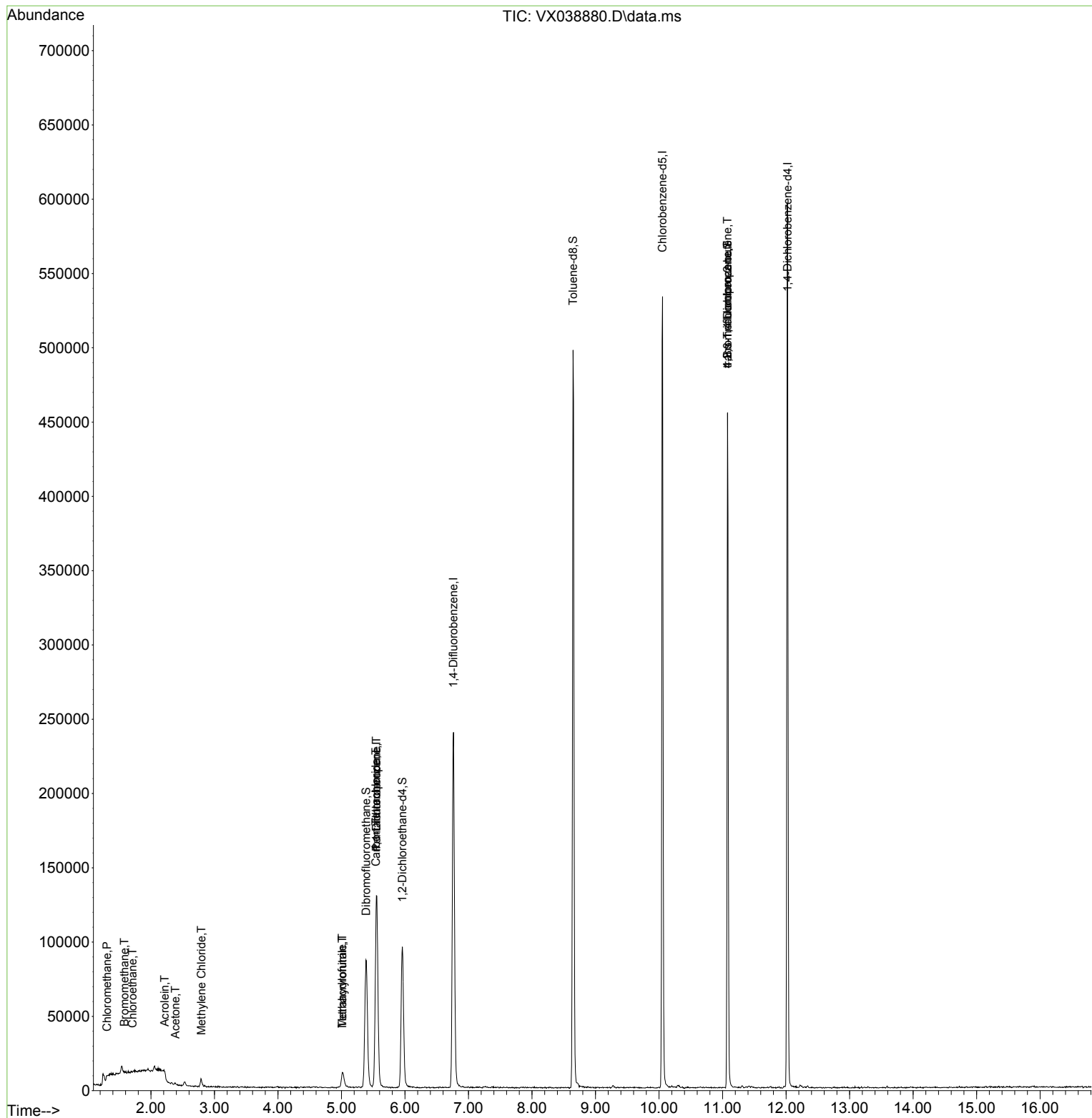
Internal Standards						
1) Pentafluorobenzene	5.550	168	118697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242002	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90516	47.326	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.660%
35) Dibromofluoromethane	5.385	113	77769	44.495	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.000%
50) Toluene-d8	8.647	98	302684	45.263	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.520%#
62) 4-Bromofluorobenzene	11.079	95	128648	48.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.120%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	470	0.260	ug/l	91
5) Bromomethane	1.581	94	249	0.346	ug/l #	34
6) Chloroethane	1.709	64	417	0.420	ug/l #	43
13) Acrolein	2.215	56	223	0.792	ug/l #	14
16) Acetone	2.386	43	1614	1.585	ug/l #	73
20) Methylene Chloride	2.794	84	2330	1.269	ug/l	93
29) Tetrahydrofuran	5.013	42	9798	9.346	ug/l	90
36) 1,1-Dichloropropene	5.550	75	10573	4.221	ug/l #	51
38) Carbon Tetrachloride	5.544	117	12957	5.597	ug/l #	16
41) Methacrylonitrile	5.013	41	6075	3.589	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	66399	22.073	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	66399	48.959	ug/l #	5

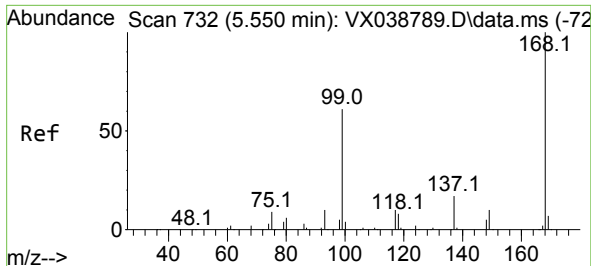
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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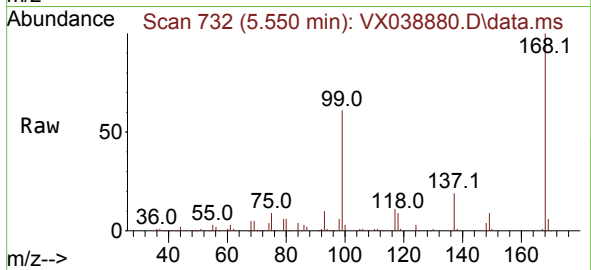
Quant Time: Nov 17 22:51:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
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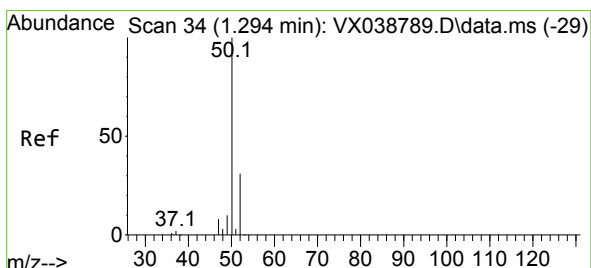
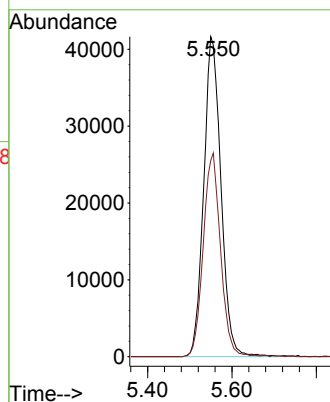
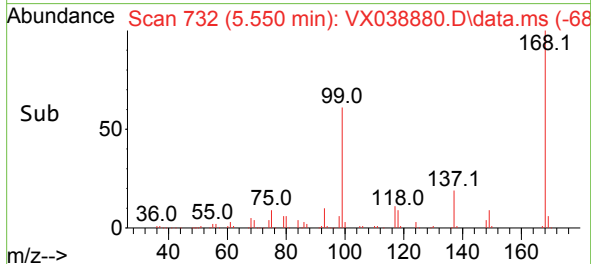


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038880.D
Acq: 17 Nov 2023 15:06

Instrument :
MSVOA_X
ClientSampleId :

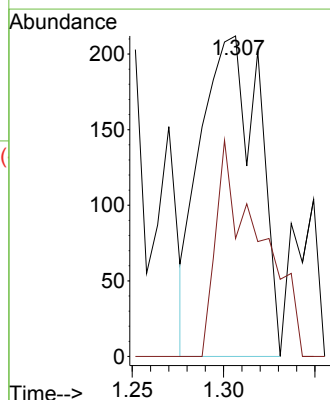
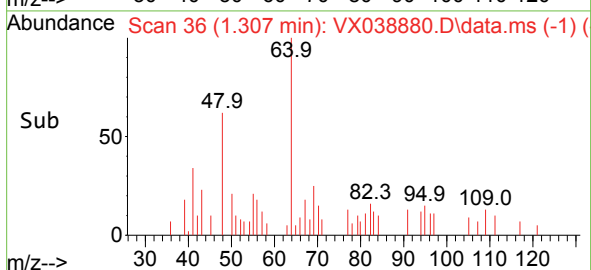
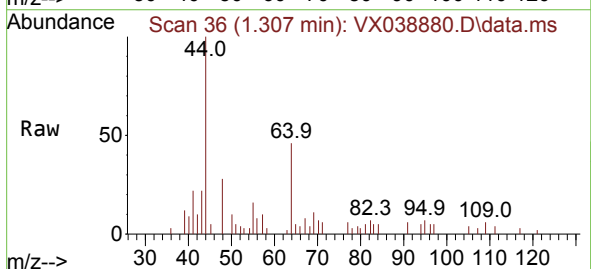


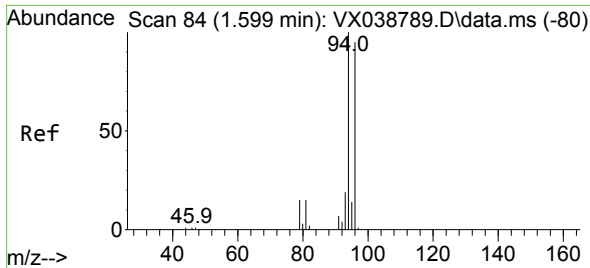
Tgt Ion:168 Resp: 118697
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#3
Chloromethane
Concen: 0.260 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.013 min
Lab File: VX038880.D
Acq: 17 Nov 2023 15:06

Tgt Ion: 50 Resp: 470
Ion Ratio Lower Upper
50 100
52 36.8 25.5 38.3

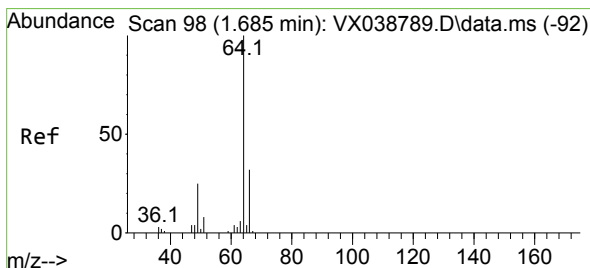
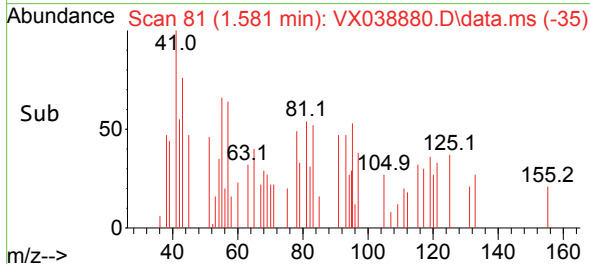
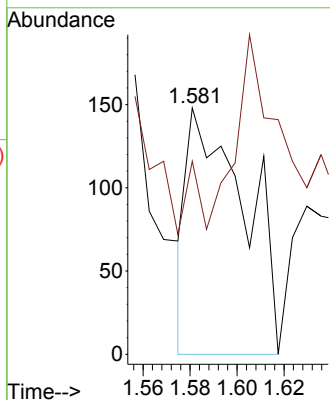
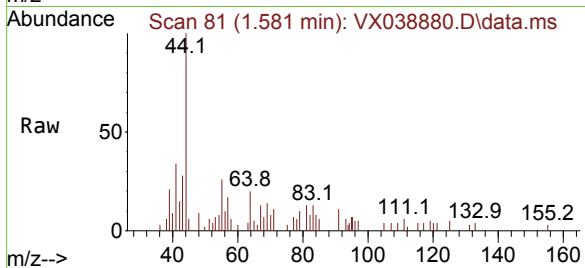




#5
Bromomethane
Concen: 0.346 ug/l
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX038880.D
Acq: 17 Nov 2023 15:06

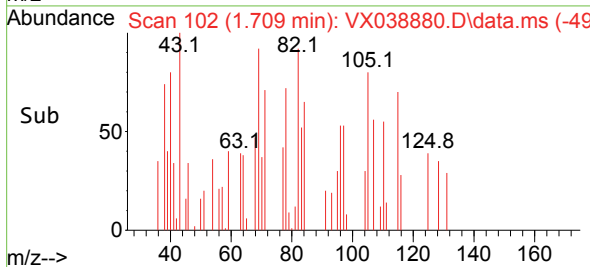
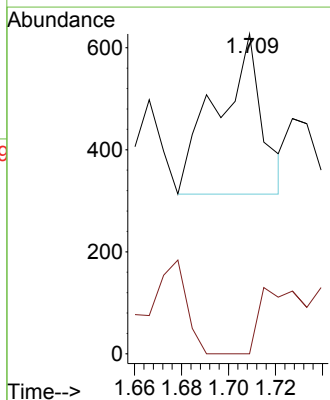
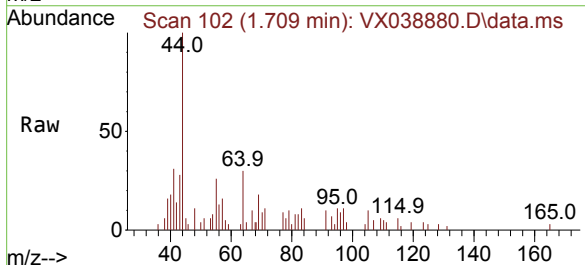
Instrument :
MSVOA_X
ClientSampleId :

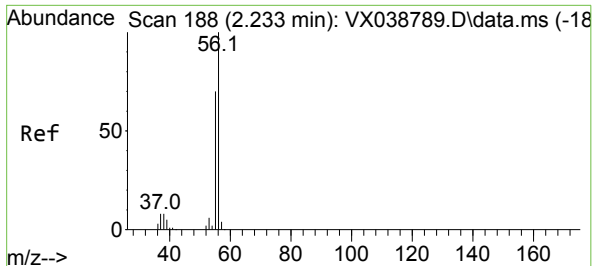
Tgt Ion: 94 Resp: 249
Ion Ratio Lower Upper
94 100
96 29.7 74.6 111.8#



#6
Chloroethane
Concen: 0.420 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.024 min
Lab File: VX038880.D
Acq: 17 Nov 2023 15:06

Tgt Ion: 64 Resp: 417
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#13

Acrolein

Concen: 0.792 ug/l

RT: 2.215 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX038880.D

Acq: 17 Nov 2023 15:06

Instrument :

MSVOA_X

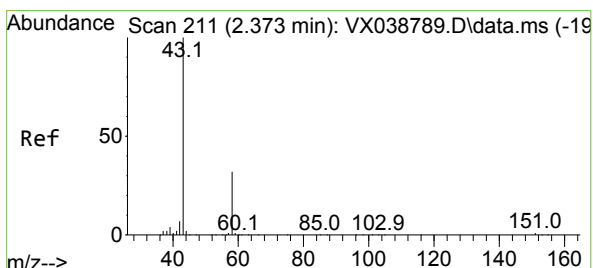
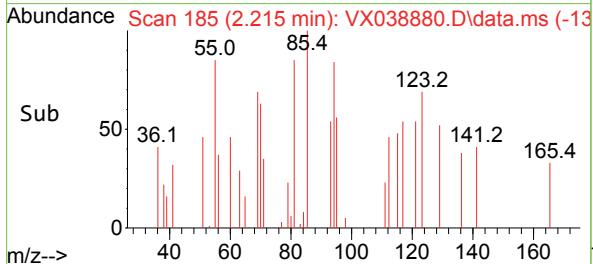
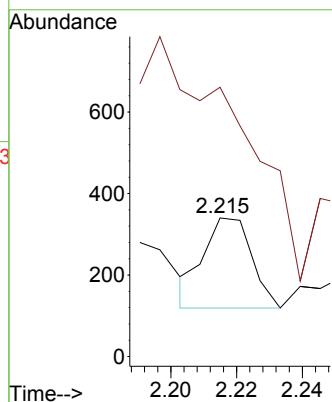
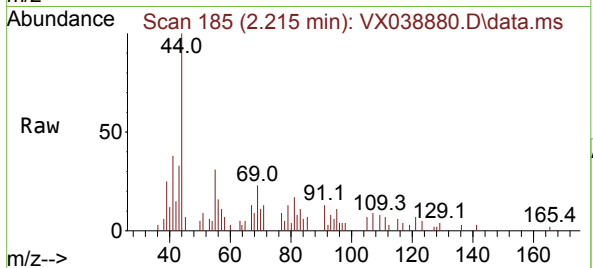
ClientSampleId :

Tgt Ion: 56 Resp: 223

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#16

Acetone

Concen: 1.585 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.012 min

Lab File: VX038880.D

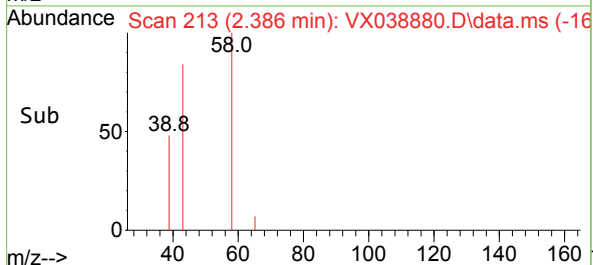
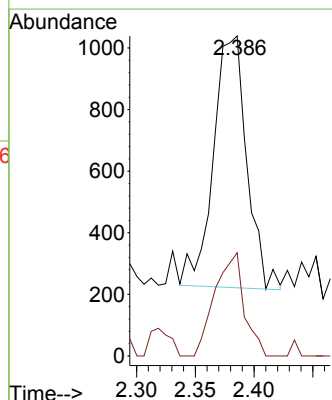
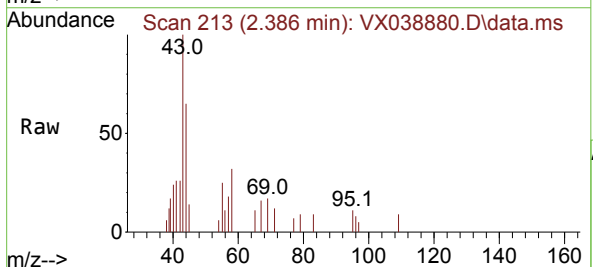
Acq: 17 Nov 2023 15:06

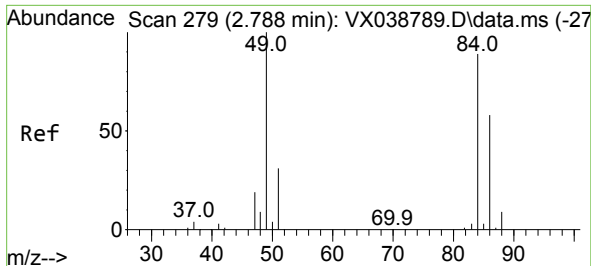
Tgt Ion: 43 Resp: 1614

Ion Ratio Lower Upper

43 100

58 41.4 21.9 32.9#





#20

Methylene Chloride

Concen: 1.269 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038880.D

Acq: 17 Nov 2023 15:06

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 84 Resp: 2330

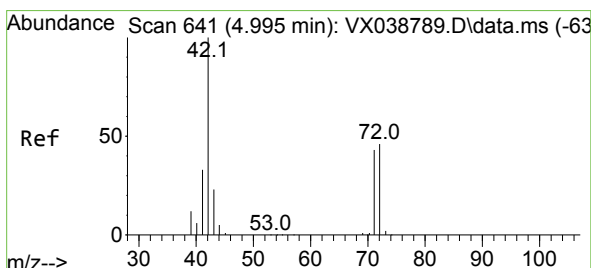
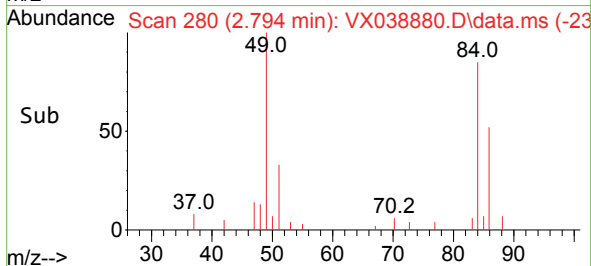
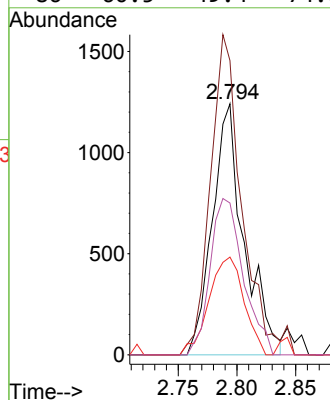
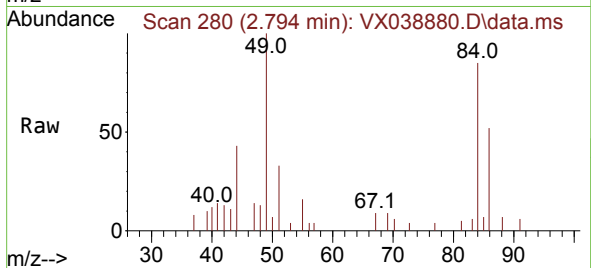
Ion Ratio Lower Upper

84 100

49 117.2 103.6 155.4

51 38.9 33.8 50.6

86 60.5 49.4 74.0



#29

Tetrahydrofuran

Concen: 9.346 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.018 min

Lab File: VX038880.D

Acq: 17 Nov 2023 15:06

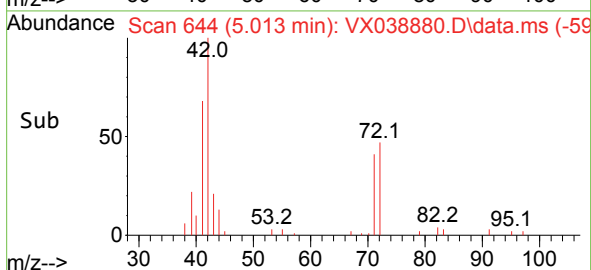
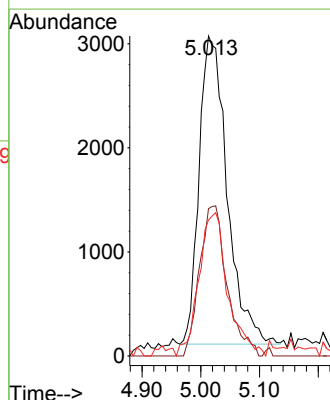
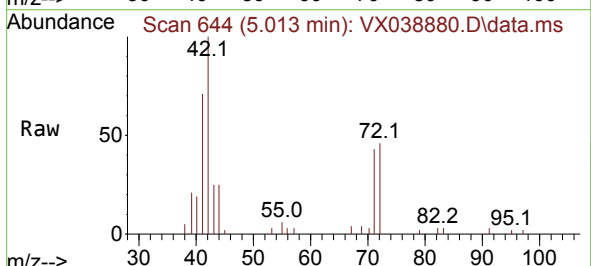
Tgt Ion: 42 Resp: 9798

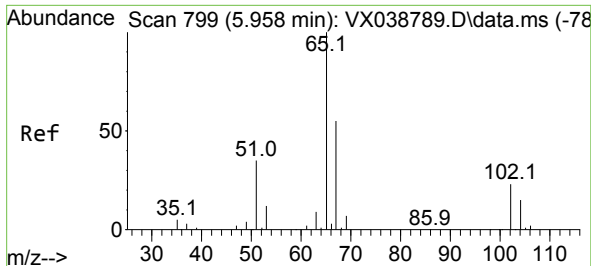
Ion Ratio Lower Upper

42 100

72 47.7 34.2 51.4

71 47.8 32.2 48.2

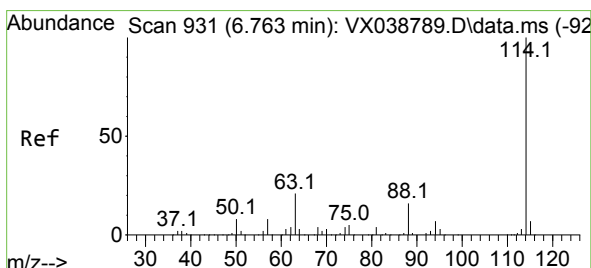
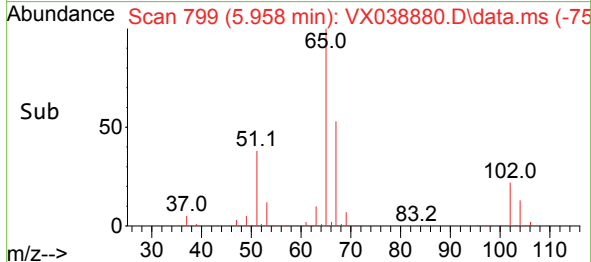
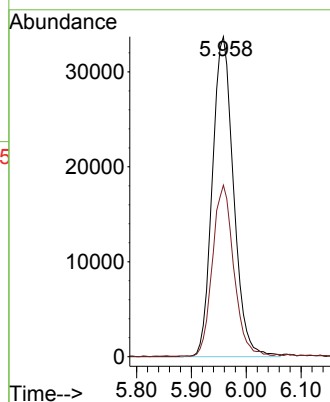
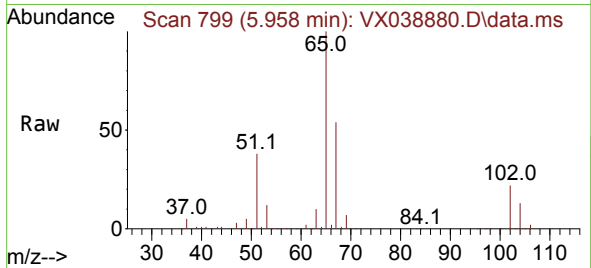




#33
1,2-Dichloroethane-d4
Concen: 47.326 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038880.D
Acq: 17 Nov 2023 15:06

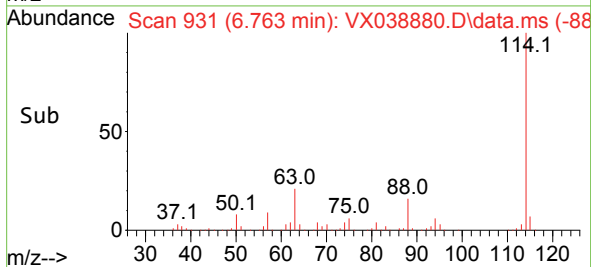
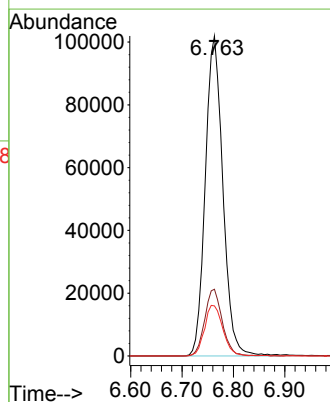
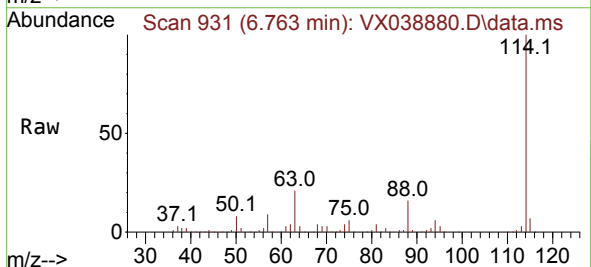
Instrument :
MSVOA_X
ClientSampleId :

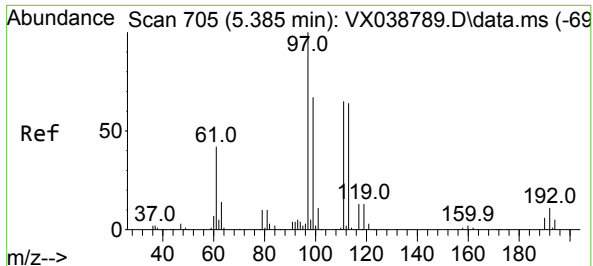
Tgt Ion: 65 Resp: 90516
Ion Ratio Lower Upper
65 100
67 53.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038880.D
Acq: 17 Nov 2023 15:06

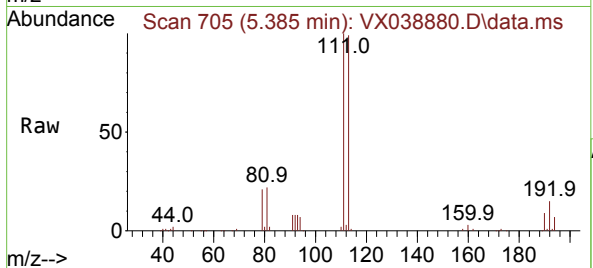
Tgt Ion: 114 Resp: 242002
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 15.6 0.0 36.6



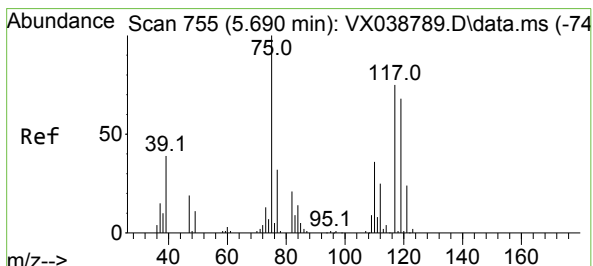
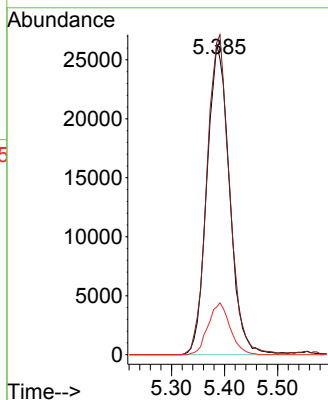
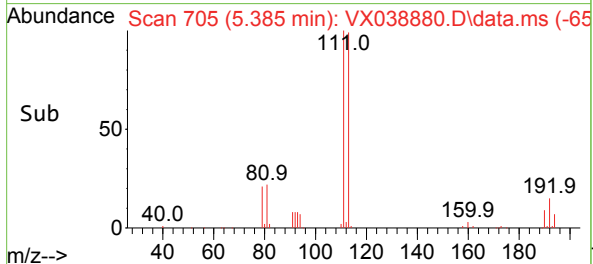


#35
Dibromofluoromethane
Concen: 44.495 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038880.D
Acq: 17 Nov 2023 15:06

Instrument :
MSVOA_X
ClientSampleId :

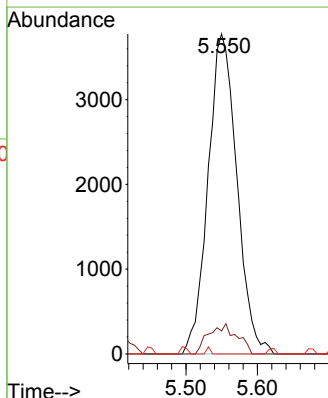
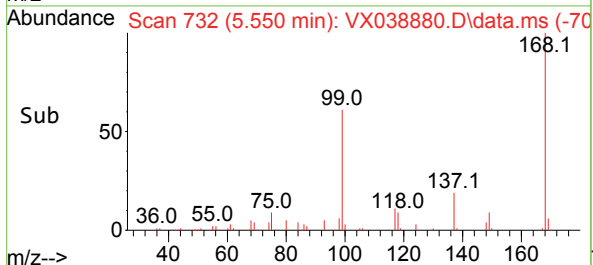
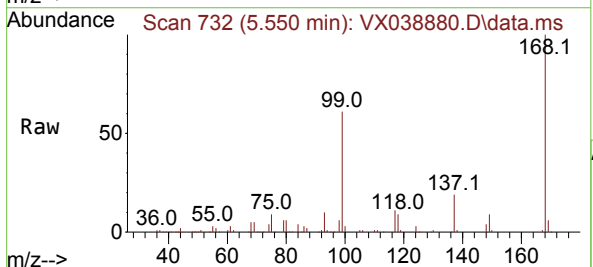


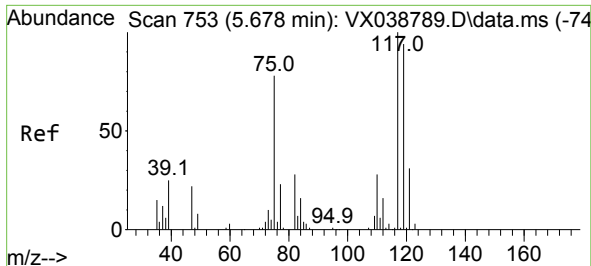
Tgt Ion:113 Resp: 77769
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 16.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.221 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038880.D
Acq: 17 Nov 2023 15:06

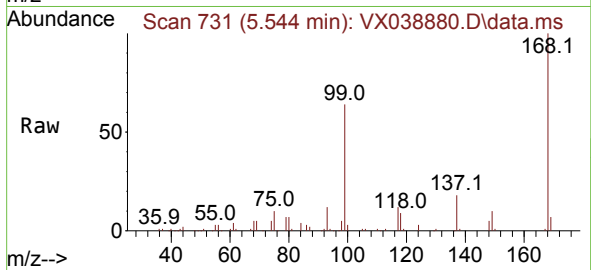
Tgt Ion: 75 Resp: 10573
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



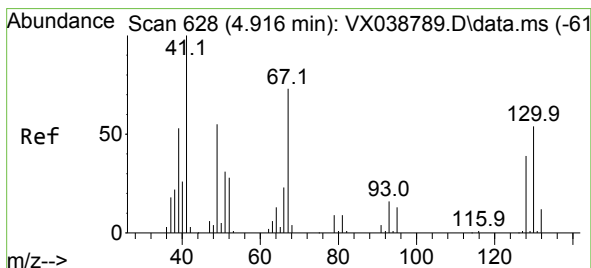
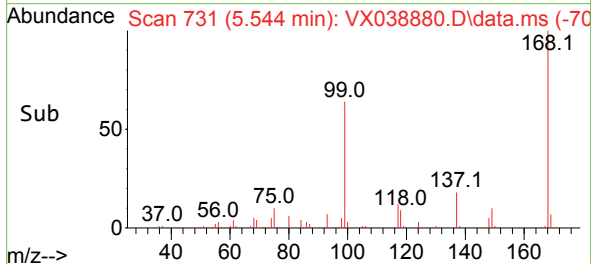
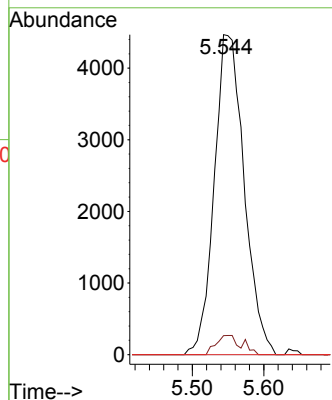


#38
Carbon Tetrachloride
Concen: 5.597 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX038880.D
Acq: 17 Nov 2023 15:06

Instrument :
MSVOA_X
ClientSampleId :

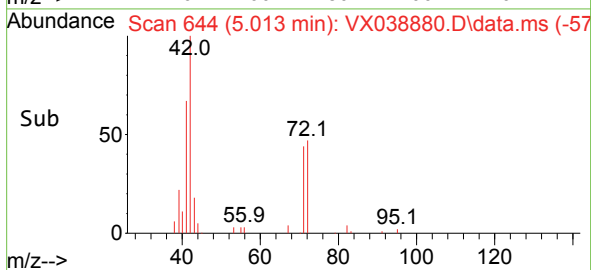
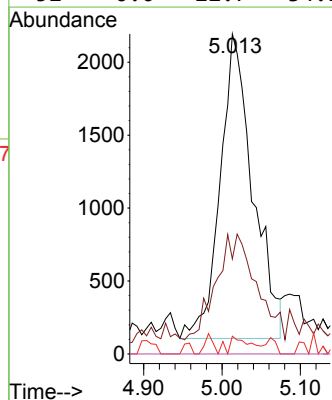
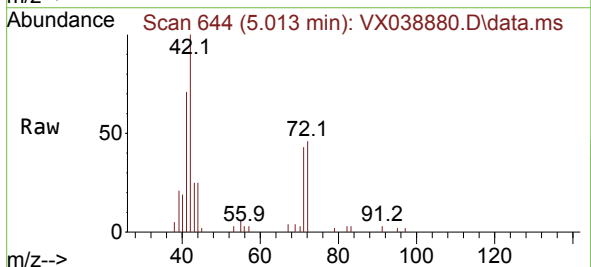


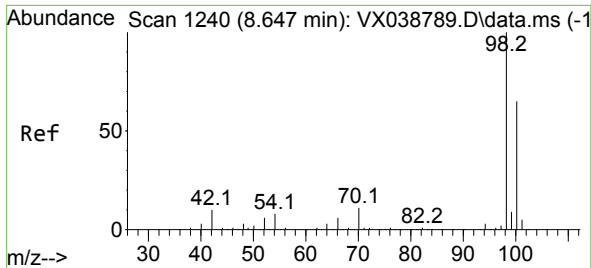
Tgt Ion:117 Resp: 12957
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 3.589 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.098 min
Lab File: VX038880.D
Acq: 17 Nov 2023 15:06

Tgt Ion: 41 Resp: 6075
Ion Ratio Lower Upper
41 100
39 42.0 45.2 67.8#
67 3.9 52.6 78.8#
52 0.0 22.7 34.1#

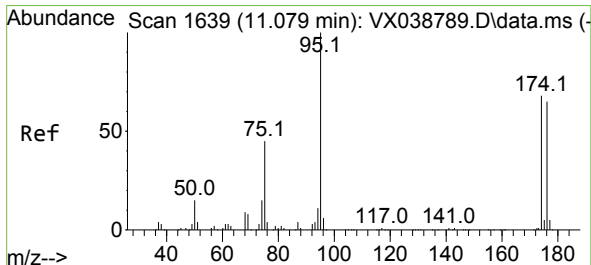
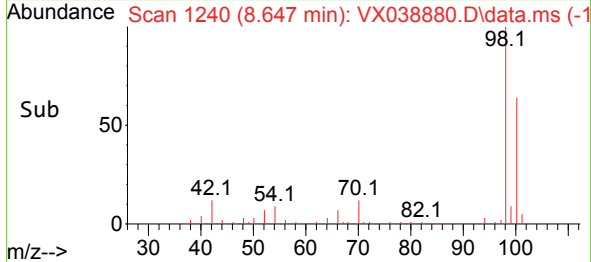
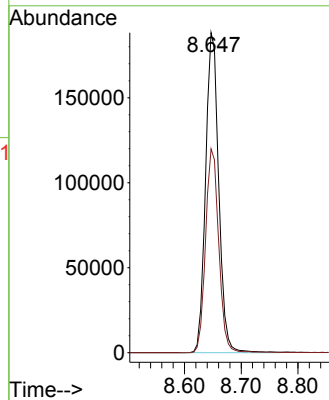
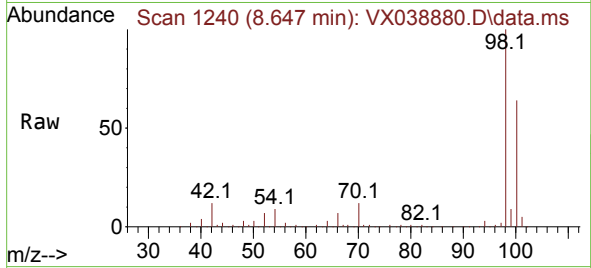




#50
Toluene-d8
Concen: 45.263 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038880.D
Acq: 17 Nov 2023 15:06

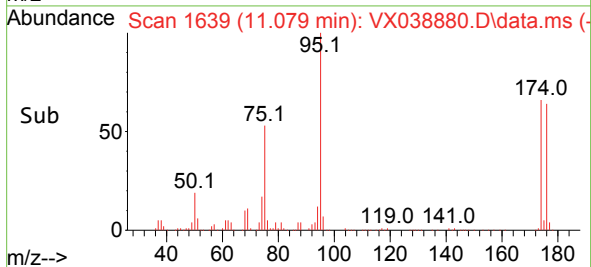
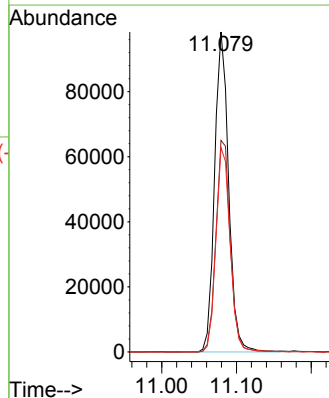
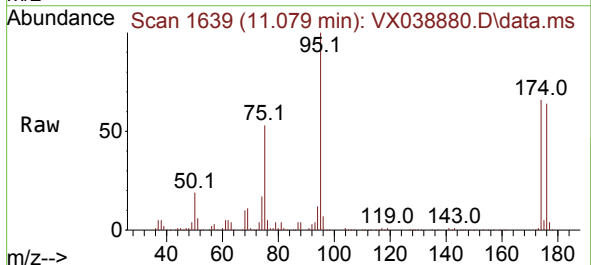
Instrument :
MSVOA_X
ClientSampleId :

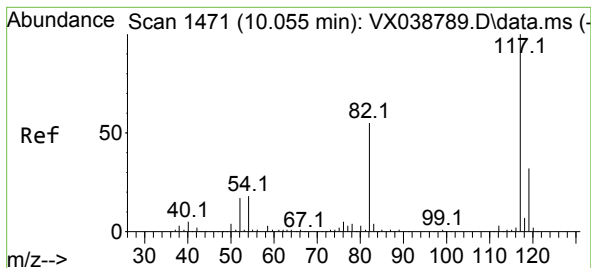
Tgt Ion: 98 Resp: 302684
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.058 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038880.D
Acq: 17 Nov 2023 15:06

Tgt Ion: 95 Resp: 128648
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.6
176 64.5 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

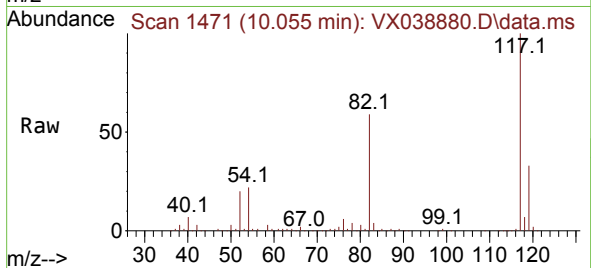
Lab File: VX038880.D

Acq: 17 Nov 2023 15:06

Instrument :

MSVOA_X

ClientSampleId :



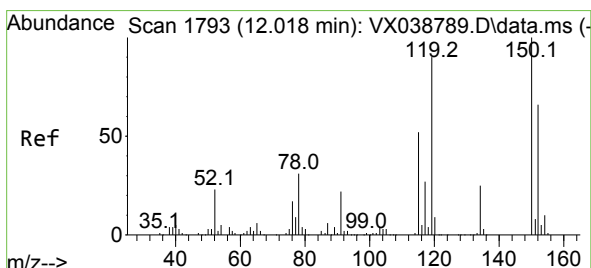
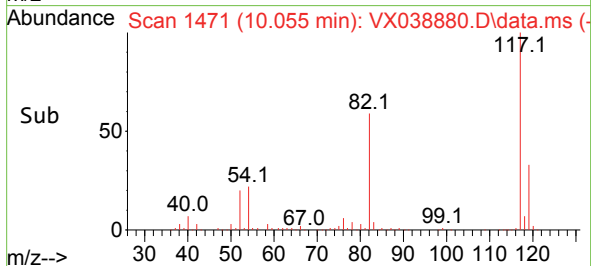
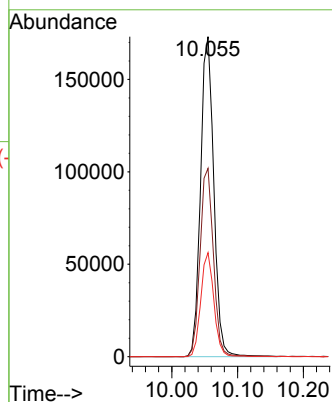
Tgt Ion:117 Resp: 241809

Ion Ratio Lower Upper

117 100

82 58.8 46.2 69.4

119 32.5 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: VX038880.D

Acq: 17 Nov 2023 15:06

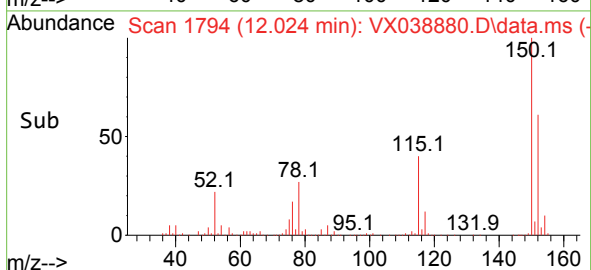
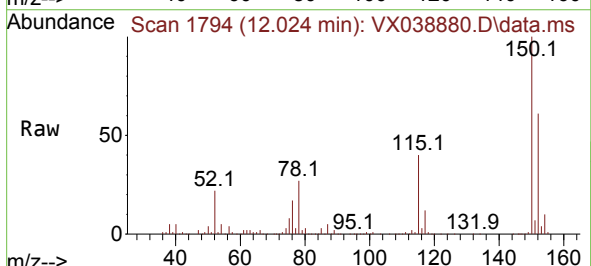
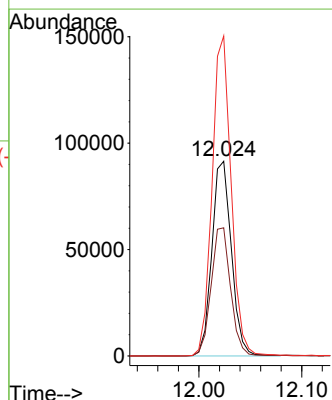
Tgt Ion:152 Resp: 120570

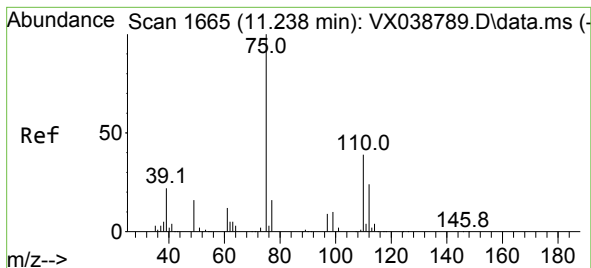
Ion Ratio Lower Upper

152 100

115 65.9 43.3 129.9

150 160.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.073 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038880.D

Acq: 17 Nov 2023 15:06

Instrument :

MSVOA_X

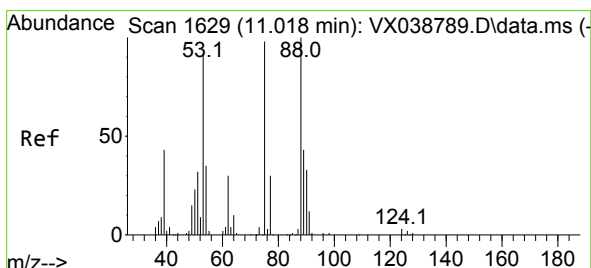
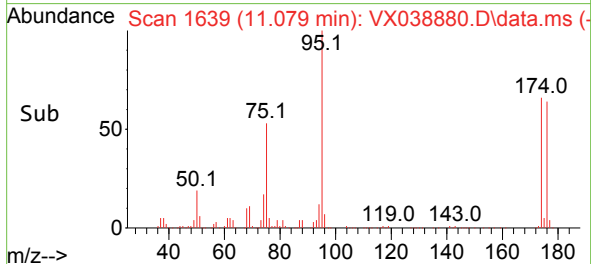
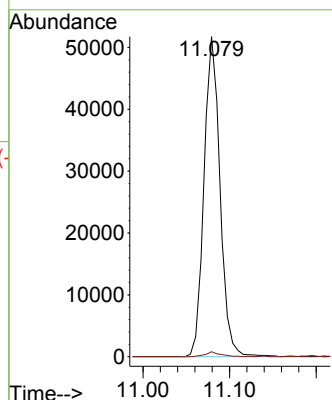
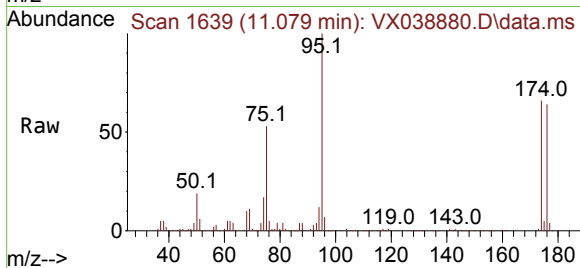
ClientSampleId :

Tgt Ion: 75 Resp: 66399

Ion Ratio Lower Upper

75 100

77 1.5 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 48.959 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038880.D

Acq: 17 Nov 2023 15:06

Tgt Ion: 75 Resp: 66399

Ion Ratio Lower Upper

75 100

53 0.1 90.5 135.7#

89 0.0 36.9 55.3#

