

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038862.D
 Acq On : 17 Nov 2023 00:46
 Operator : JC/MD
 Sample : 05403-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 03:23:40 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)

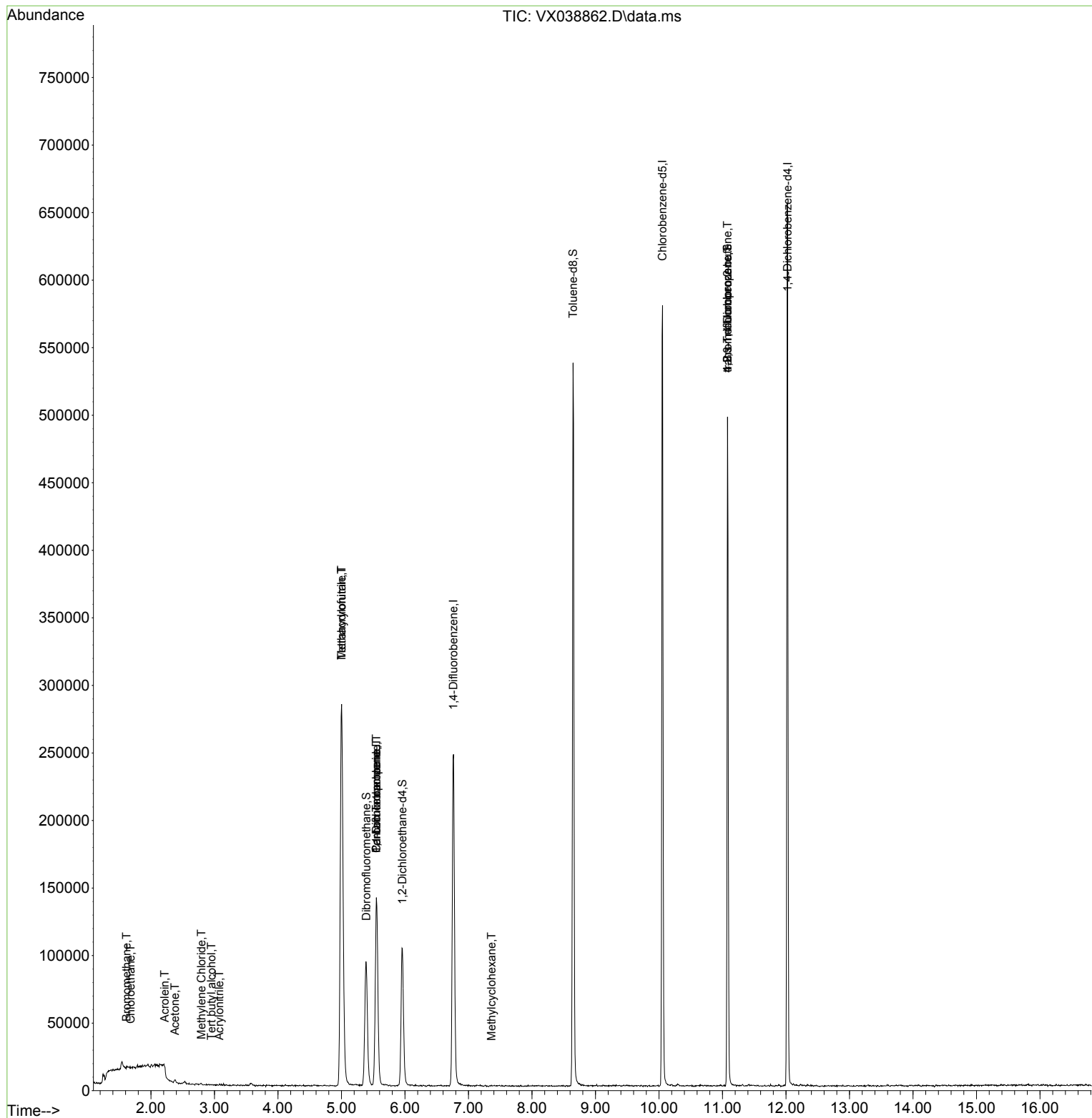
Internal Standards						
1) Pentafluorobenzene	5.550	168	126022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	257168	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95530	47.044	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.080%
35) Dibromofluoromethane	5.391	113	83340	44.871	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.740%
50) Toluene-d8	8.647	98	324792	45.705	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.420%#
62) 4-Bromofluorobenzene	11.079	95	138735	48.770	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.540%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	188	0.246	ug/l #	62
6) Chloroethane	1.679	64	267	0.253	ug/l	97
11) Tert butyl alcohol	2.953	59	180	0.319	ug/l #	1
13) Acrolein	2.215	56	840	2.811	ug/l #	14
15) Acrylonitrile	3.075	53	313	0.262	ug/l #	17
16) Acetone	2.380	43	2337	2.162	ug/l #	71
20) Methylene Chloride	2.794	84	592	0.304	ug/l #	46
29) Tetrahydrofuran	5.001	42	280563	252.068	ug/l	99
36) 1,1-Dichloropropene	5.550	75	11336	4.258	ug/l #	53
38) Carbon Tetrachloride	5.550	117	14054	5.712	ug/l #	15
39) Methylcyclohexane	7.361	83	737	0.212	ug/l #	54
41) Methacrylonitrile	5.001	41	153128	85.130	ug/l #	47
76) 1,2,3-Trichloropropane	11.079	75	71286	21.947	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	71286	48.680	ug/l #	5

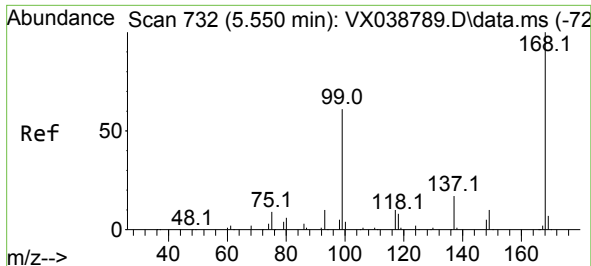
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
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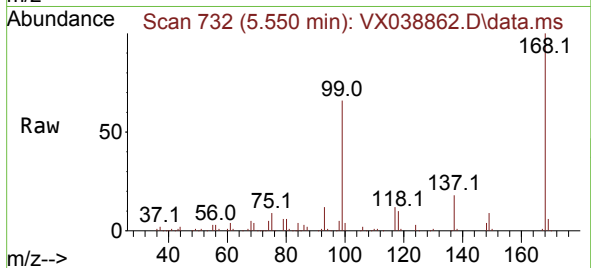
Quant Time: Nov 17 03:23:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration



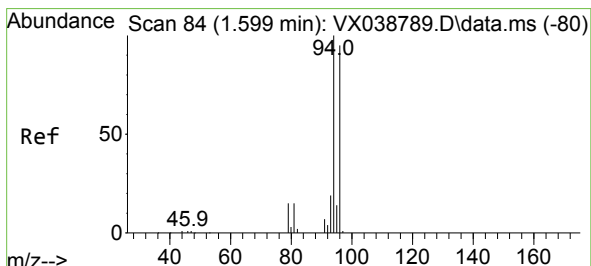
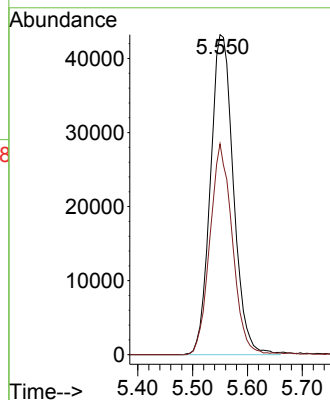
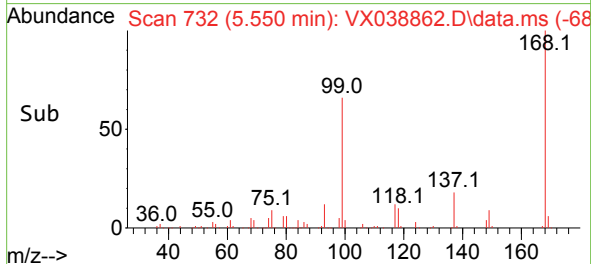


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

Instrument :
MSVOA_X
ClientSampleId :

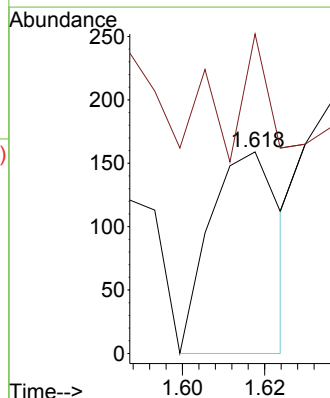
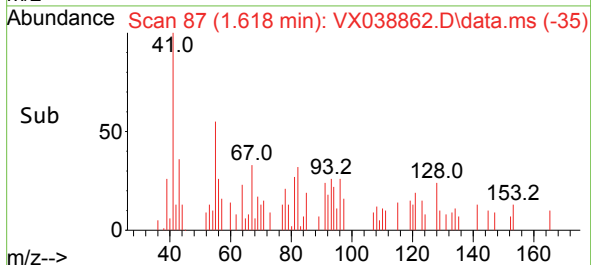
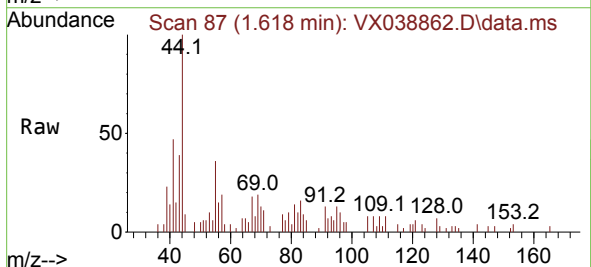


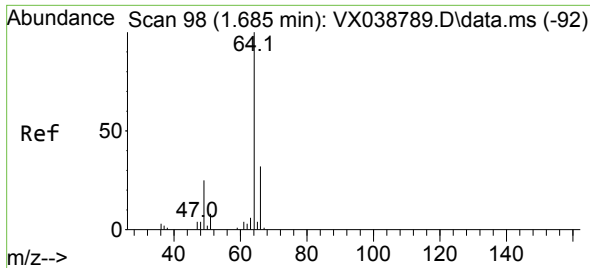
Tgt Ion:168 Resp: 126022
Ion Ratio Lower Upper
168 100
99 65.9 56.6 85.0



#5
Bromomethane
Concen: 0.246 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

Tgt Ion: 94 Resp: 188
Ion Ratio Lower Upper
94 100
96 56.6 74.6 111.8#

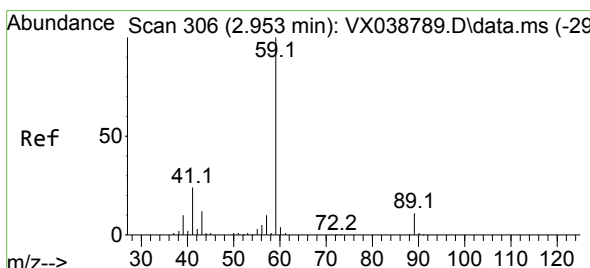
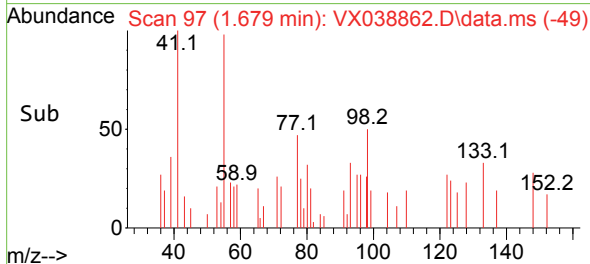
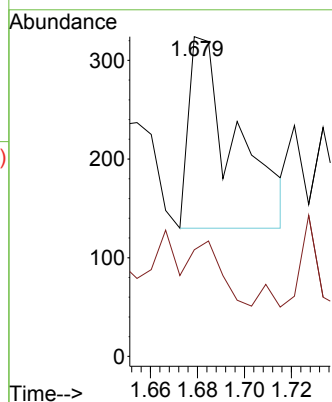
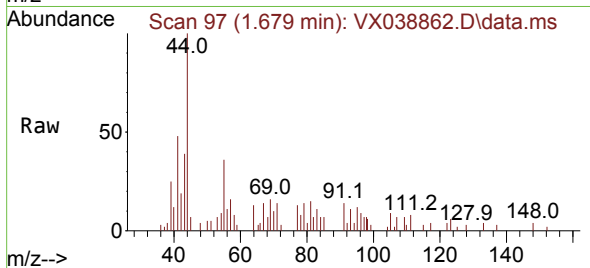




#6
Chloroethane
Concen: 0.253 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

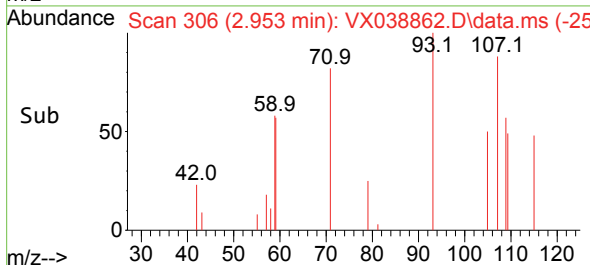
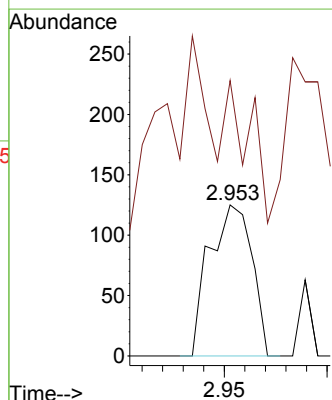
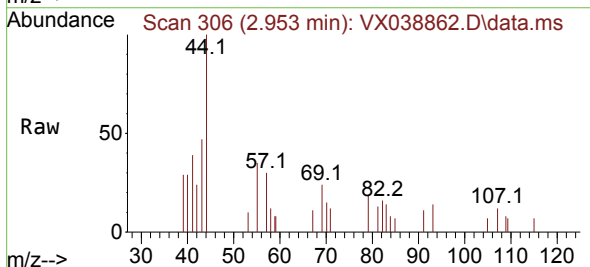
Instrument :
MSVOA_X
ClientSampleId :

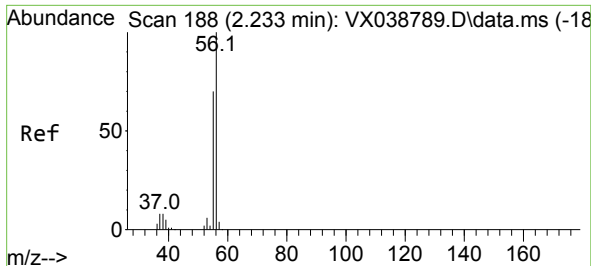
Tgt Ion: 64 Resp: 267
Ion Ratio Lower Upper
64 100
66 29.9 25.1 37.7



#11
Tert butyl alcohol
Concen: 0.319 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

Tgt Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
57 132.8 6.0 9.0#





#13

Acrolein

Concen: 2.811 ug/l

RT: 2.215 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX038862.D

Acq: 17 Nov 2023 00:46

Instrument :

MSVOA_X

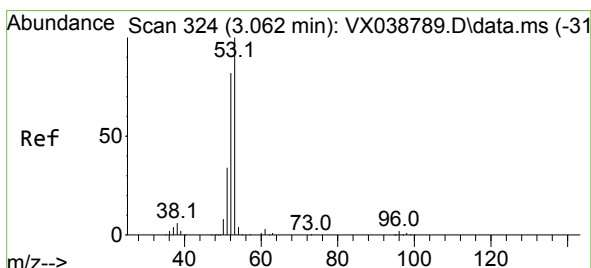
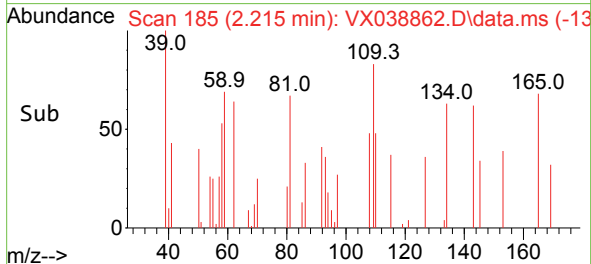
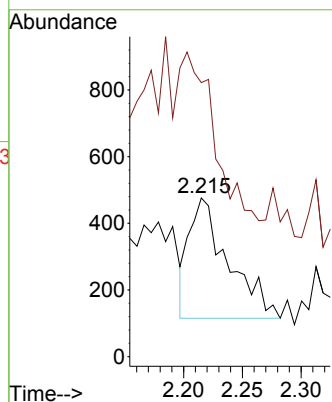
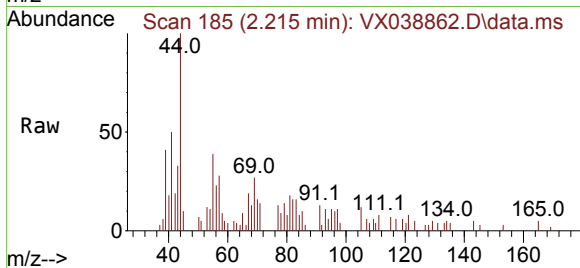
ClientSampleId :

Tgt Ion: 56 Resp: 840

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#15

Acrylonitrile

Concen: 0.262 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.012 min

Lab File: VX038862.D

Acq: 17 Nov 2023 00:46

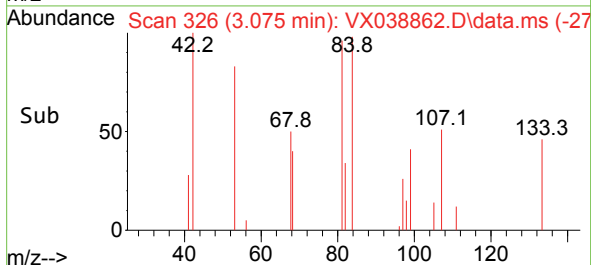
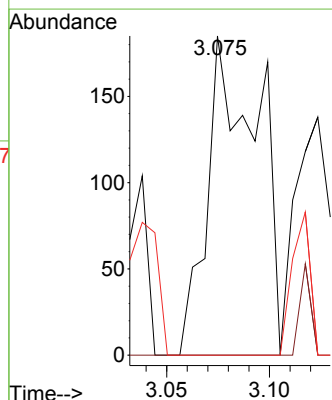
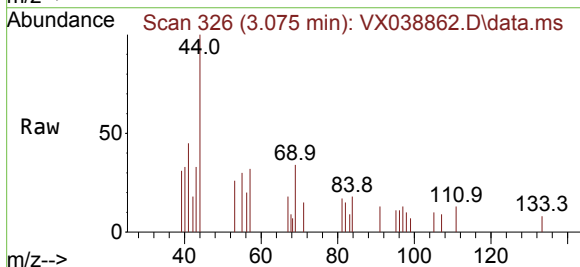
Tgt Ion: 53 Resp: 313

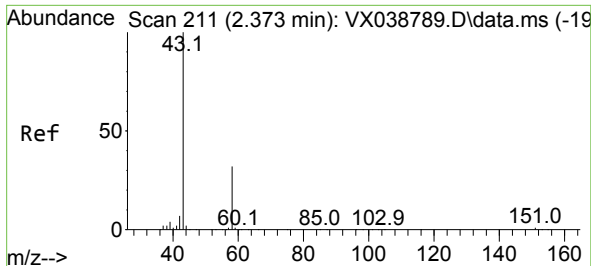
Ion Ratio Lower Upper

53 100

52 0.0 66.0 99.0#

51 0.0 29.8 44.6#

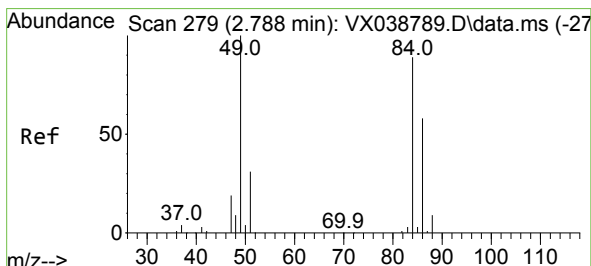
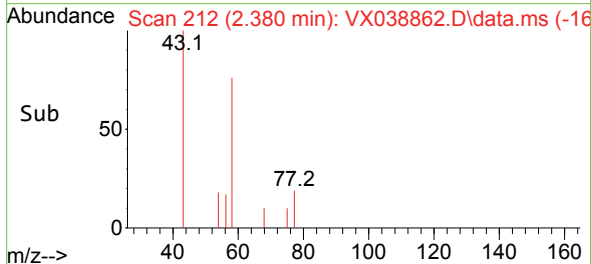
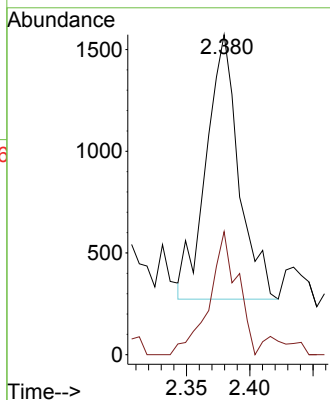
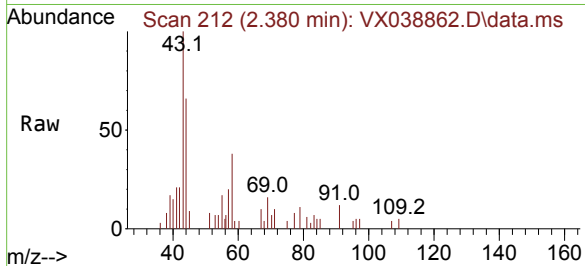




#16
Acetone
Concen: 2.162 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

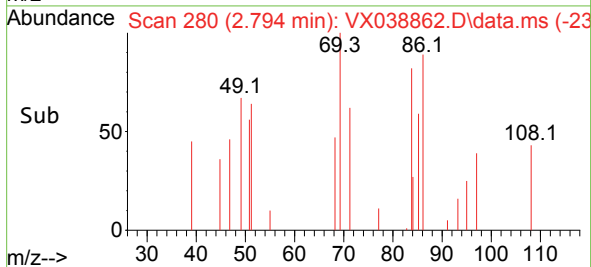
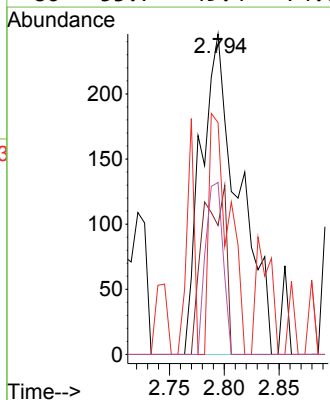
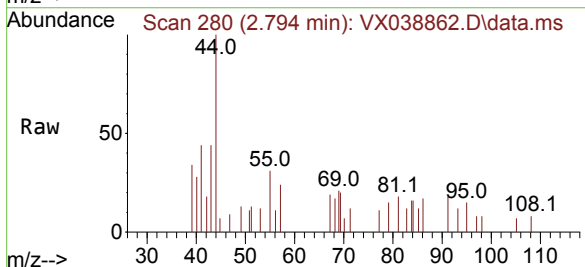
Instrument :
MSVOA_X
ClientSampleId :

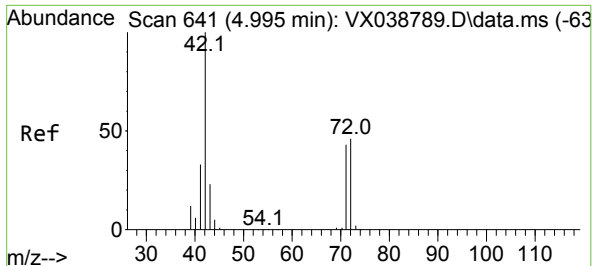
Tgt Ion: 43 Resp: 2337
Ion Ratio Lower Upper
43 100
58 42.5 21.9 32.9#



#20
Methylene Chloride
Concen: 0.304 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

Tgt Ion: 84 Resp: 592
Ion Ratio Lower Upper
84 100
49 40.2 103.6 155.4#
51 72.4 33.8 50.6#
86 53.7 49.4 74.0





#29

Tetrahydrofuran

Concen: 252.068 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX038862.D

Acq: 17 Nov 2023 00:46

Instrument :

MSVOA_X

ClientSampleId :

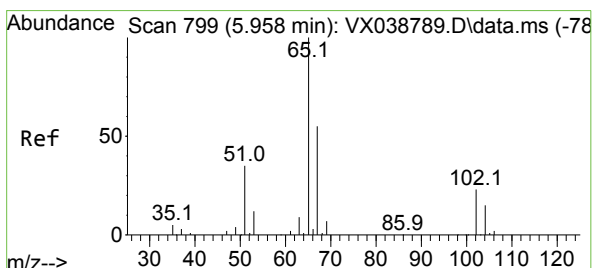
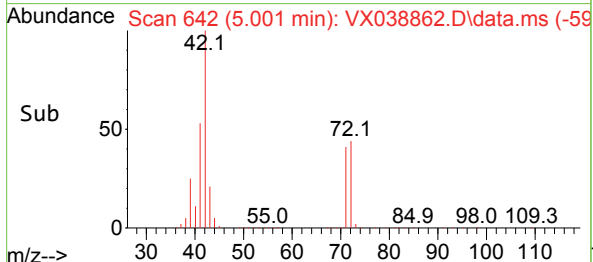
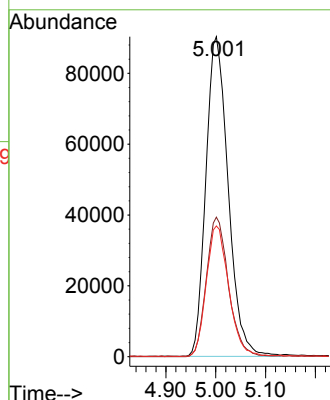
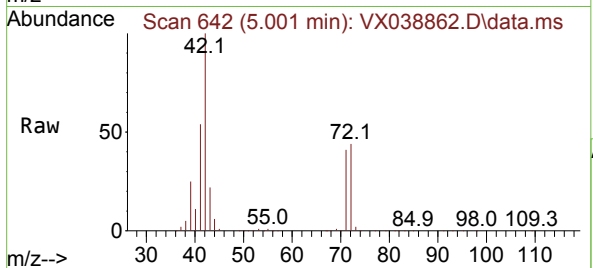
Tgt Ion: 42 Resp: 280563

Ion Ratio Lower Upper

42 100

72 43.4 34.2 51.4

71 41.1 32.2 48.2



#33

1,2-Dichloroethane-d4

Concen: 47.044 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038862.D

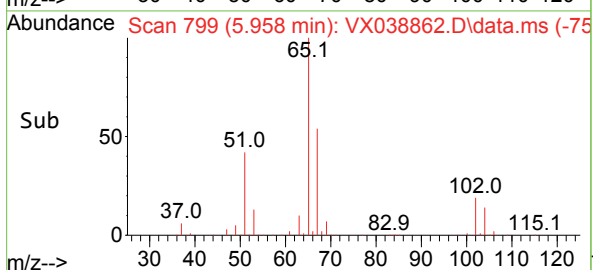
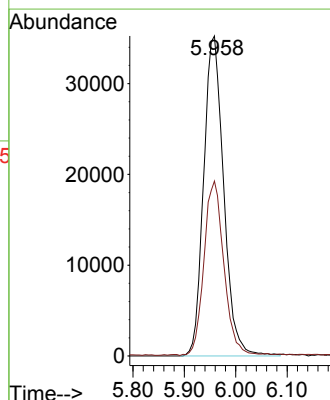
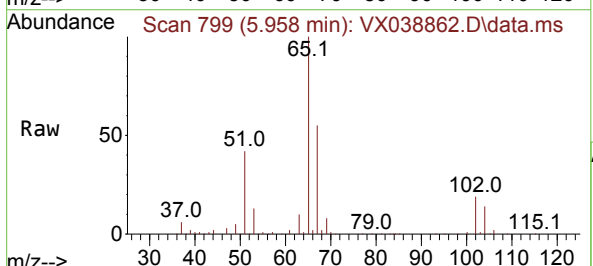
Acq: 17 Nov 2023 00:46

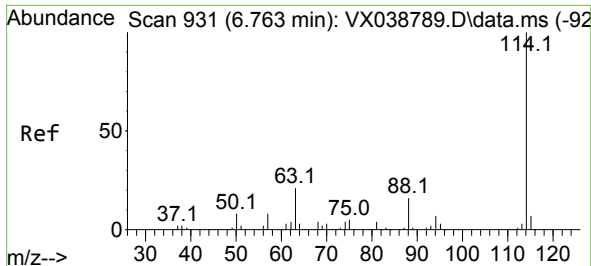
Tgt Ion: 65 Resp: 95530

Ion Ratio Lower Upper

65 100

67 54.1 0.0 100.2

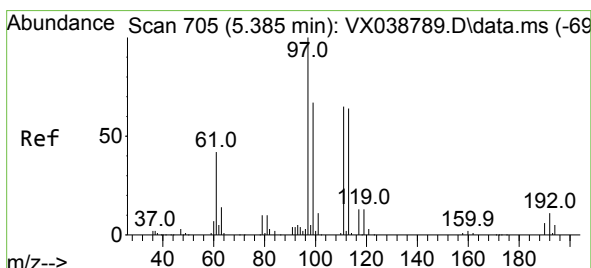
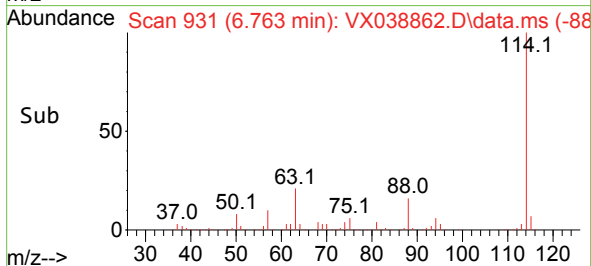
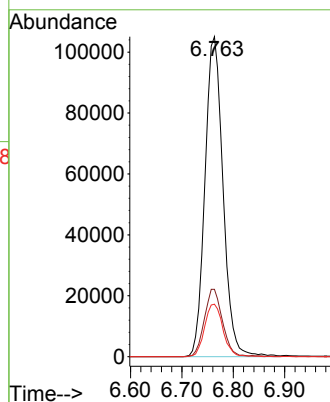
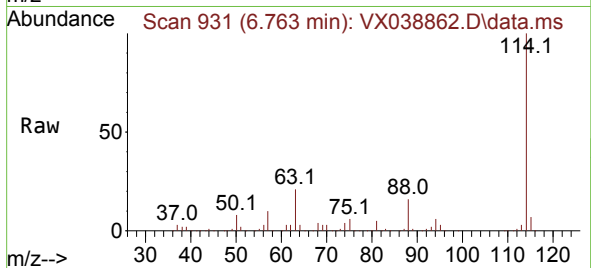




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

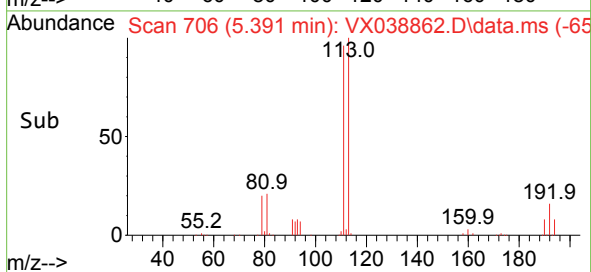
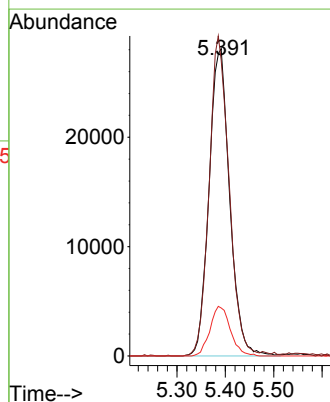
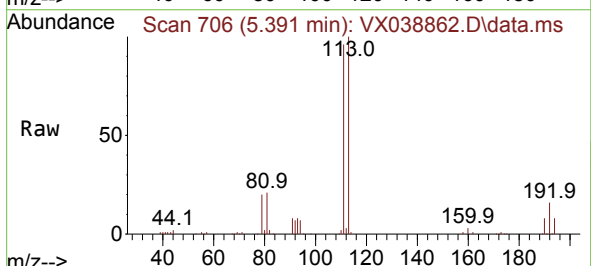
Instrument :
MSVOA_X
ClientSampleId :

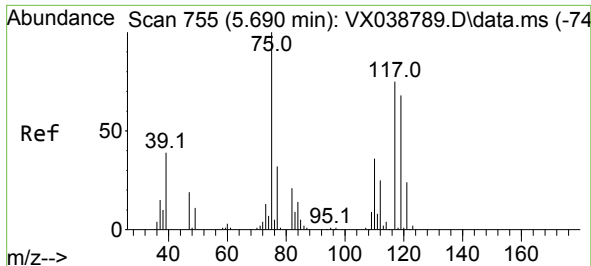
Tgt Ion:114 Resp: 257168
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.871 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

Tgt Ion:113 Resp: 83340
Ion Ratio Lower Upper
113 100
111 100.6 82.9 124.3
192 16.0 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.258 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

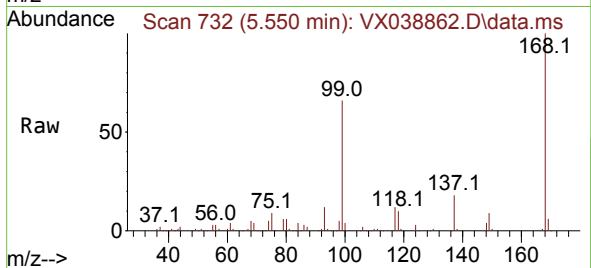
Lab File: VX038862.D

Acq: 17 Nov 2023 00:46

Instrument :

MSVOA_X

ClientSampleId :



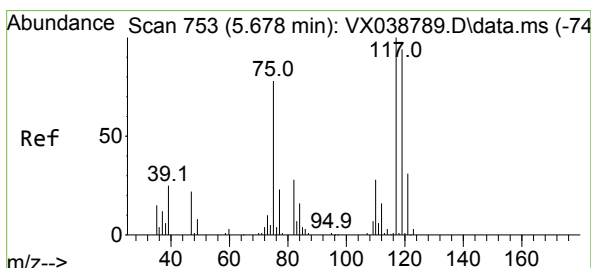
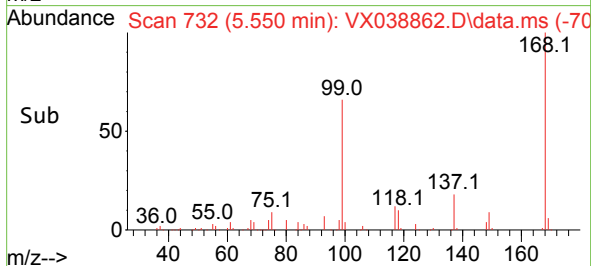
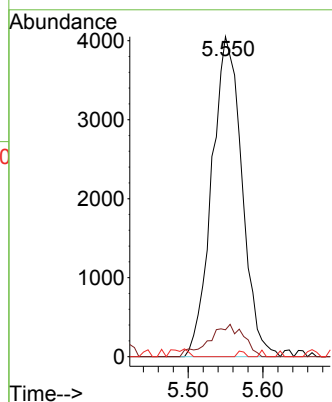
Tgt Ion: 75 Resp: 11336

Ion Ratio Lower Upper

75 100

110 11.5 17.0 50.9#

77 0.4 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.712 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX038862.D

Acq: 17 Nov 2023 00:46

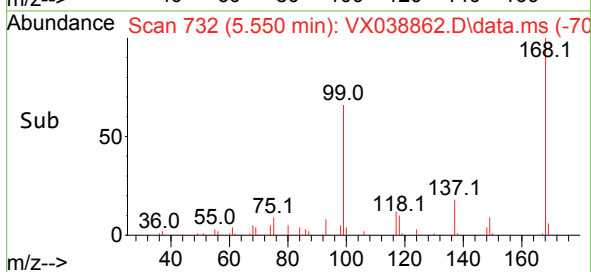
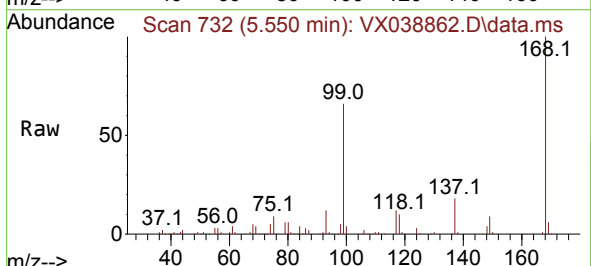
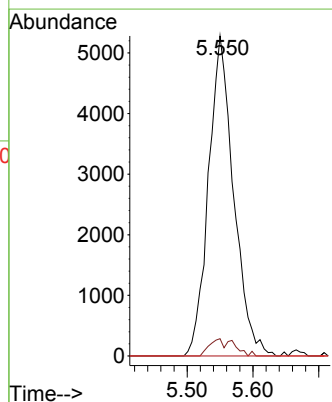
Tgt Ion: 117 Resp: 14054

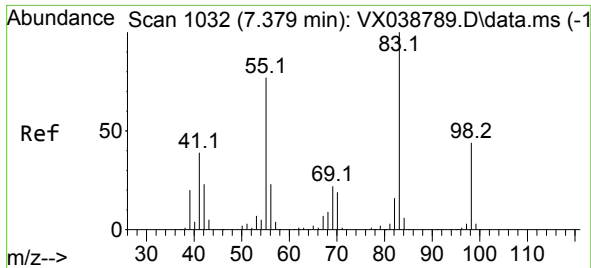
Ion Ratio Lower Upper

117 100

119 5.4 78.2 117.2#

121 0.0 24.4 36.6#

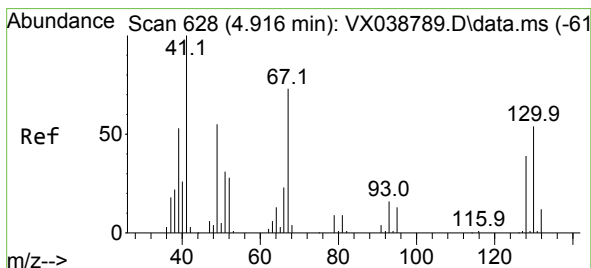
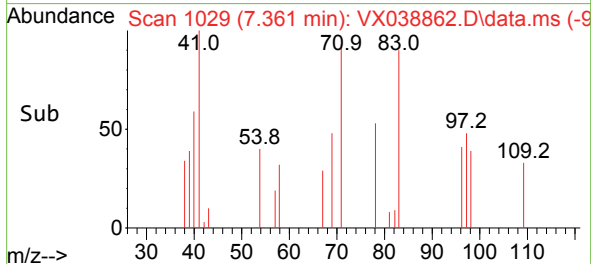
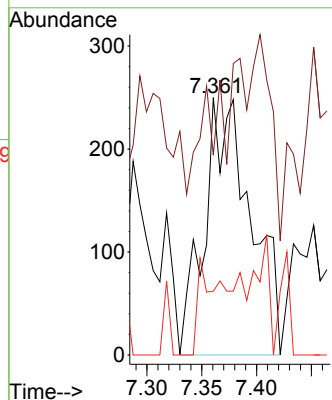
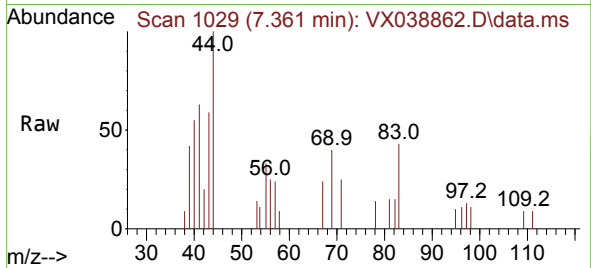




#39
Methylcyclohexane
Concen: 0.212 ug/l
RT: 7.361 min Scan# 1029
Delta R.T. -0.018 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

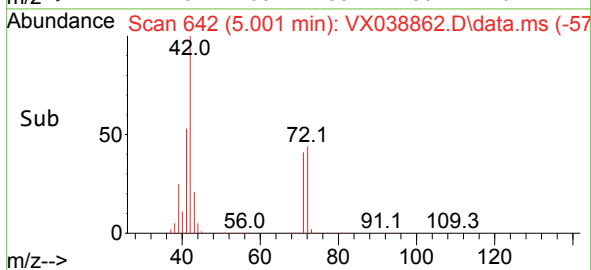
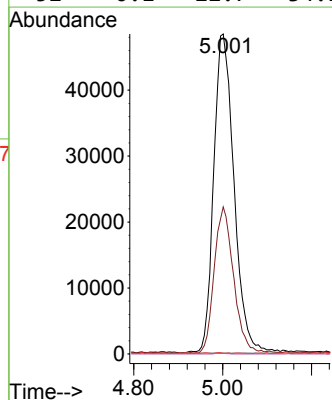
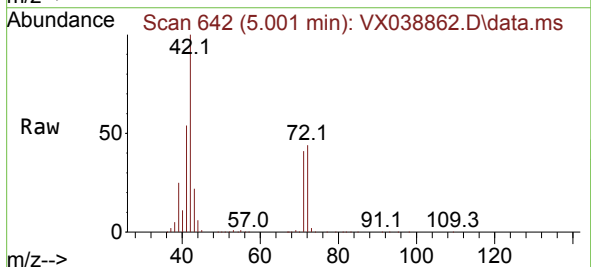
Instrument :
MSVOA_X
ClientSampleId :

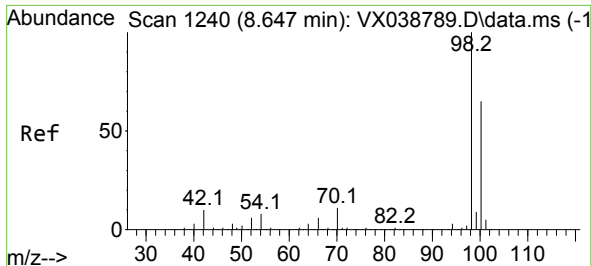
Tgt Ion: 83 Resp: 737
Ion Ratio Lower Upper
83 100
55 33.2 64.6 97.0#
98 24.8 36.7 55.1#



#41
Methacrylonitrile
Concen: 85.130 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.086 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

Tgt Ion: 41 Resp: 153128
Ion Ratio Lower Upper
41 100
39 43.7 45.2 67.8#
67 0.1 52.6 78.8#
52 0.1 22.7 34.1#

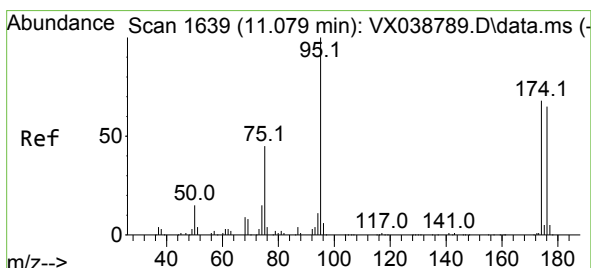
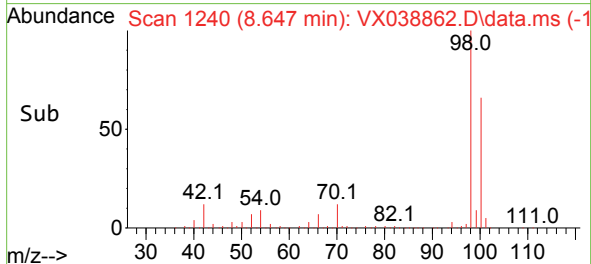
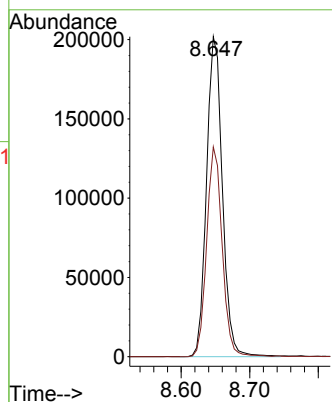
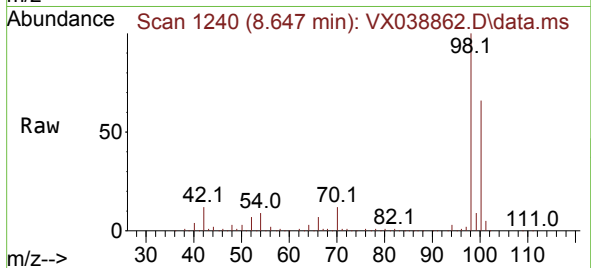




#50
Toluene-d8
Concen: 45.705 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

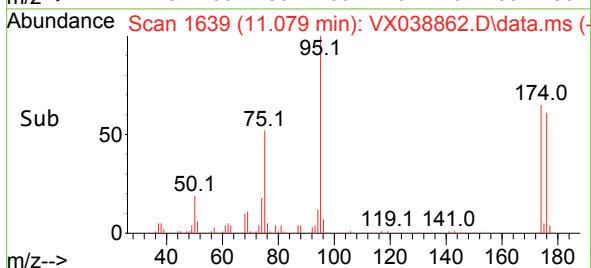
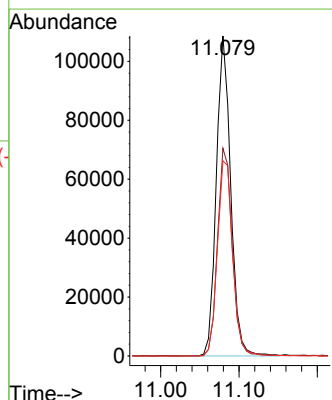
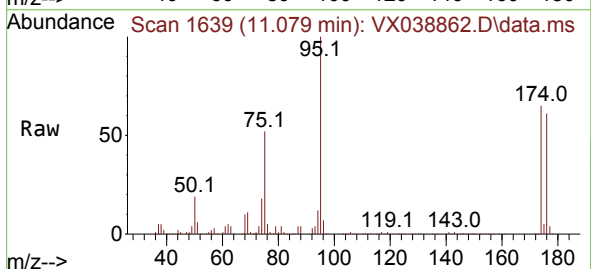
Instrument :
MSVOA_X
ClientSampleId :

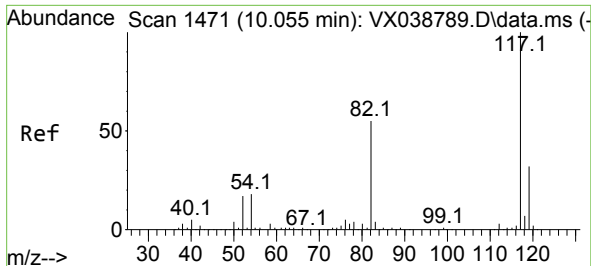
Tgt Ion: 98 Resp: 324792
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.770 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

Tgt Ion: 95 Resp: 138735
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.6
176 64.8 0.0 131.0

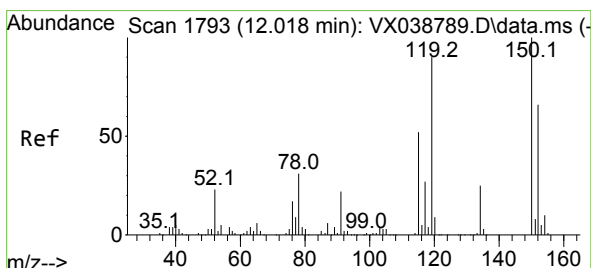
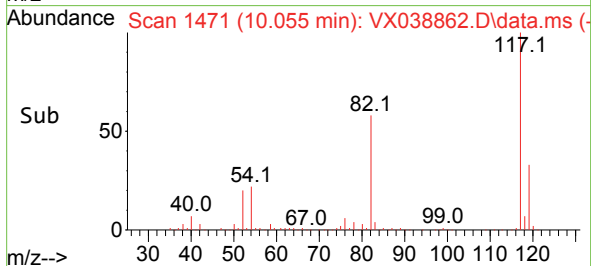
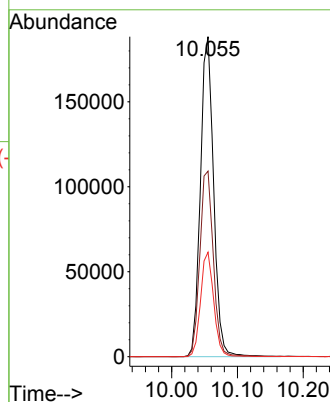
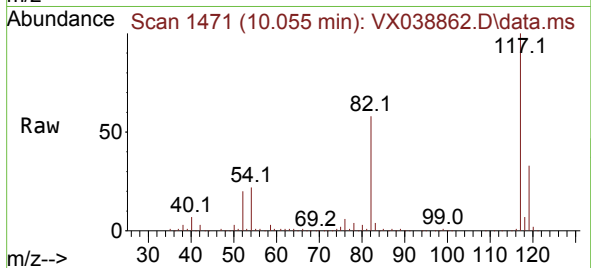




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

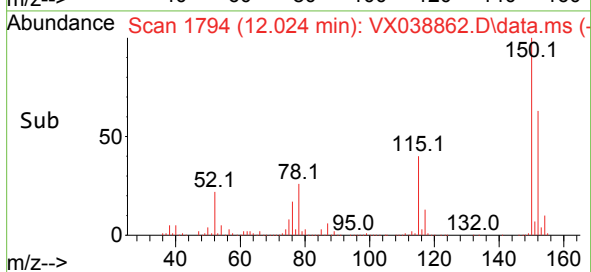
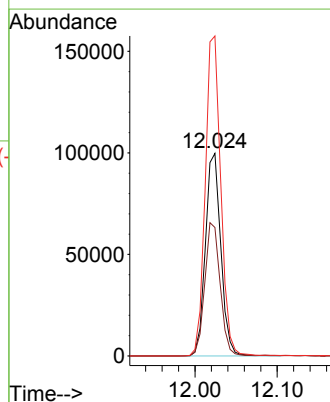
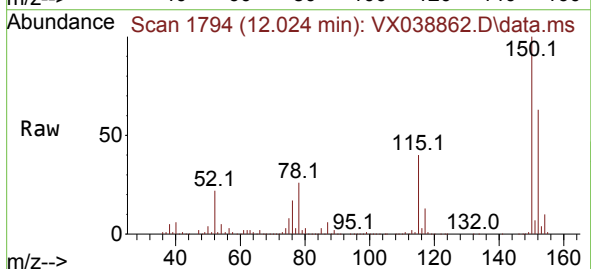
Instrument :
MSVOA_X
ClientSampleId :

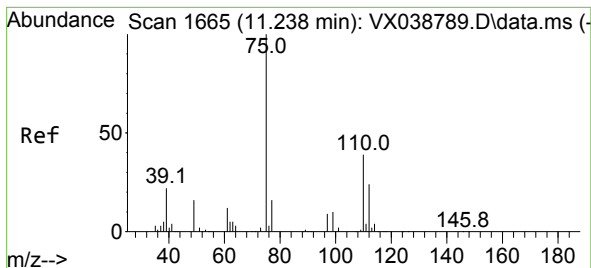
Tgt Ion:117 Resp: 262494
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038862.D
Acq: 17 Nov 2023 00:46

Tgt Ion:152 Resp: 130187
Ion Ratio Lower Upper
152 100
115 65.5 43.3 129.9
150 159.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.947 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038862.D

Acq: 17 Nov 2023 00:46

Instrument :

MSVOA_X

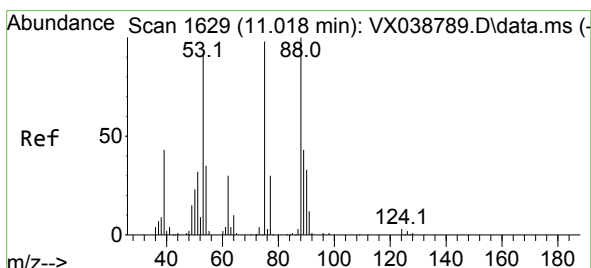
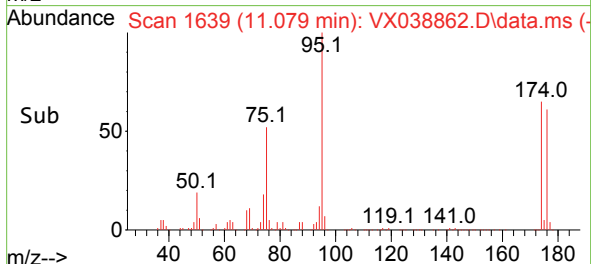
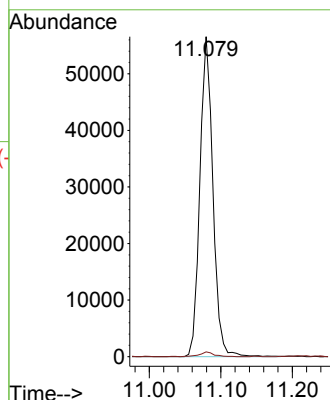
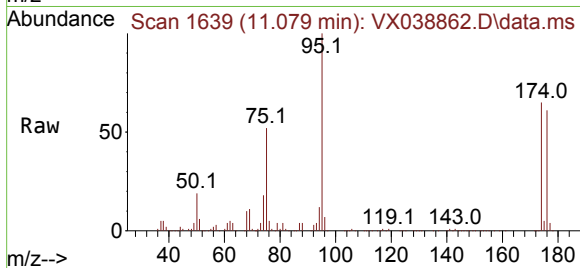
ClientSampleId :

Tgt Ion: 75 Resp: 71286

Ion Ratio Lower Upper

75 100

77 1.7 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 48.680 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038862.D

Acq: 17 Nov 2023 00:46

Tgt Ion: 75 Resp: 71286

Ion Ratio Lower Upper

75 100

53 0.1 90.5 135.7#

89 0.0 36.9 55.3#

