

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050724\
 Data File : VX041408.D
 Acq On : 07 May 2024 15:50
 Operator : JC/MD
 Sample : P2389-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 08 02:02:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

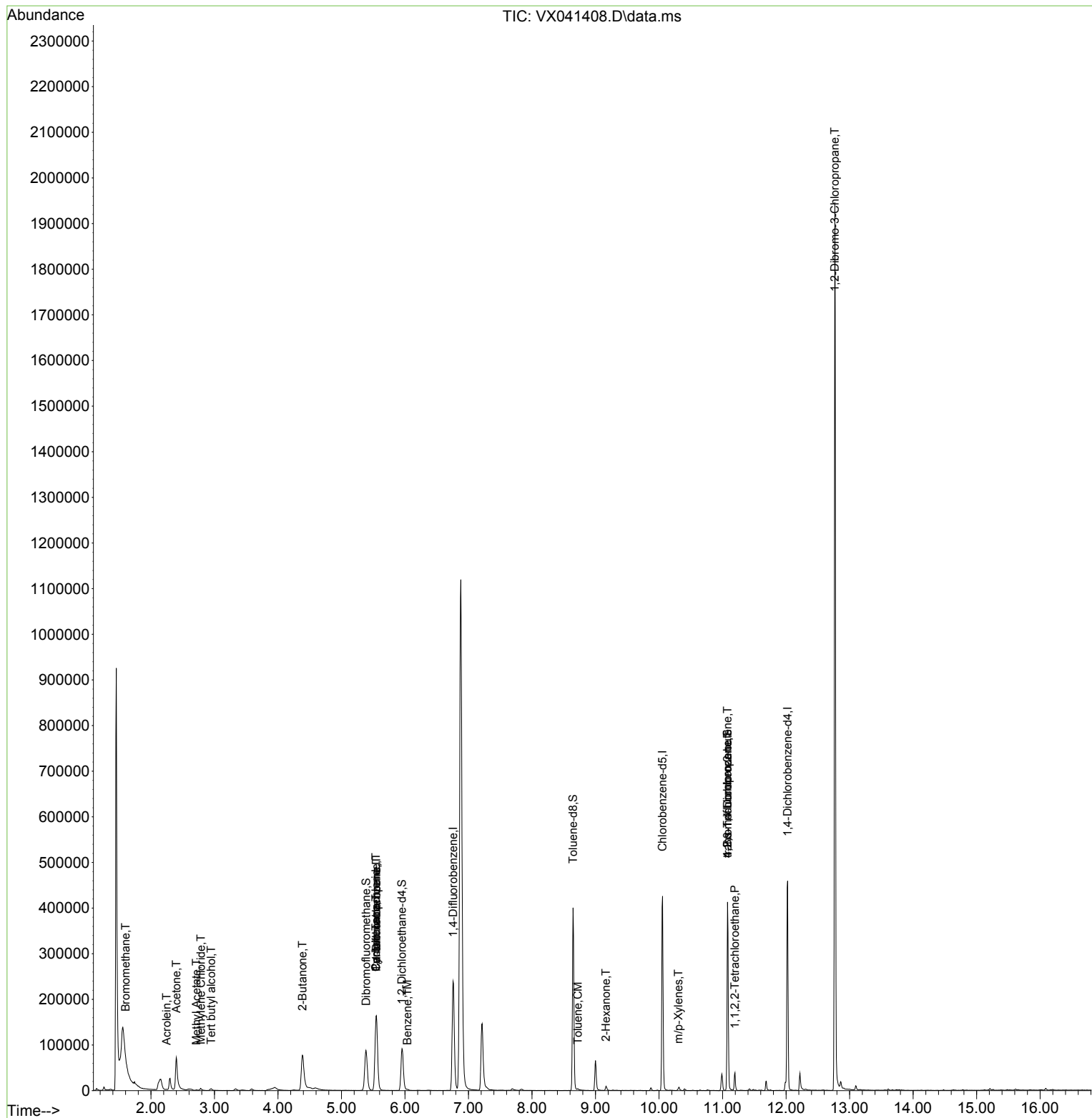
Internal Standards						
1) Pentafluorobenzene	5.550	168	177849	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	261458	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92595	47.825	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.640%		
35) Dibromofluoromethane	5.385	113	76051	42.922	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.840%		
50) Toluene-d8	8.647	98	234313	41.782	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	83.560%#		
62) 4-Bromofluorobenzene	11.079	95	87163	40.151	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	80.300%#		
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	481	0.532	ug/l	83
11) Tert butyl alcohol	2.947	59	2474	6.384	ug/l #	78
13) Acrolein	2.245	56	289	0.940	ug/l	85
16) Acetone	2.398	43	89734	102.946	ug/l #	81
18) Methyl Acetate	2.715	43	1718	0.867	ug/l #	88
20) Methylene Chloride	2.788	84	2355	1.401	ug/l #	88
25) 2-Butanone	4.385	43	198303	158.248	ug/l #	52
31) Cyclohexane	5.544	56	3039	1.301	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	11045	5.213	ug/l #	51
38) Carbon Tetrachloride	5.544	117	15672	6.457	ug/l #	14
40) Benzene	6.037	78	2560	0.392	ug/l #	88
52) Toluene	8.720	92	1445	0.362	ug/l	87
59) 2-Hexanone	9.165	43	711	0.373	ug/l	78
68) m/p-Xylenes	10.305	106	680	0.247	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	1281	0.602	ug/l #	35
76) 1,2,3-Trichloropropane	11.079	75	45198	26.070	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45198	71.011	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	12.768	75	1070	2.176	ug/l #	9

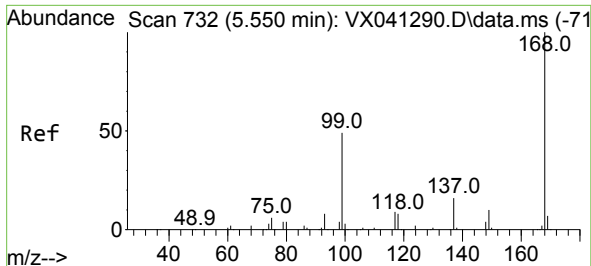
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050724\
Data File : VX041408.D
Acq On : 07 May 2024 15:50
Operator : JC/MD
Sample : P2389-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

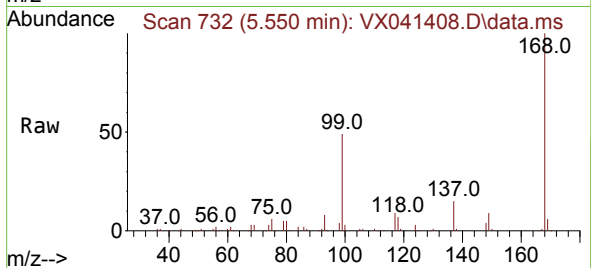
Quant Time: May 08 02:02:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration



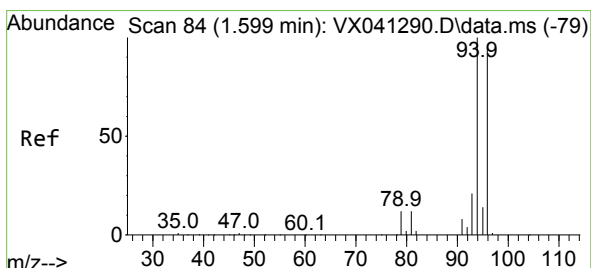
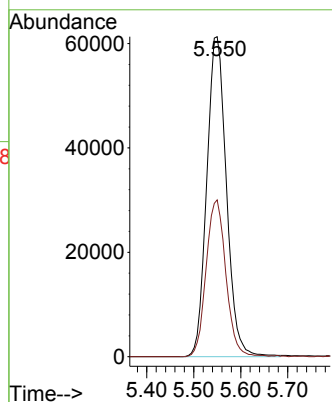
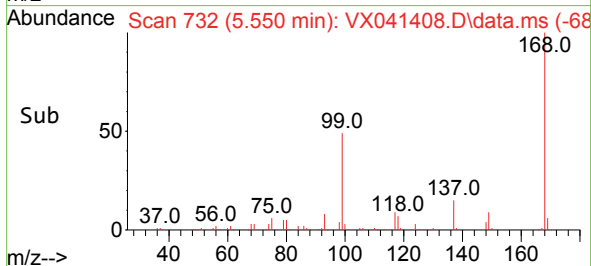


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :

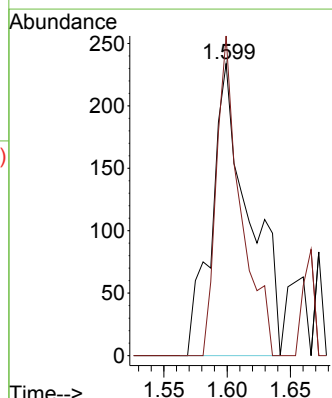
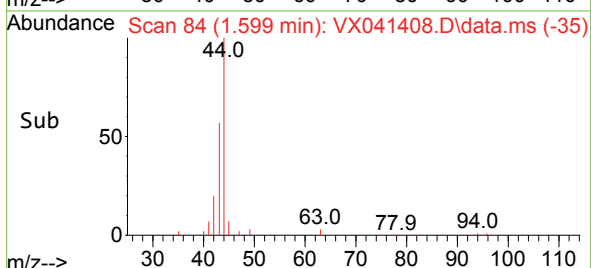
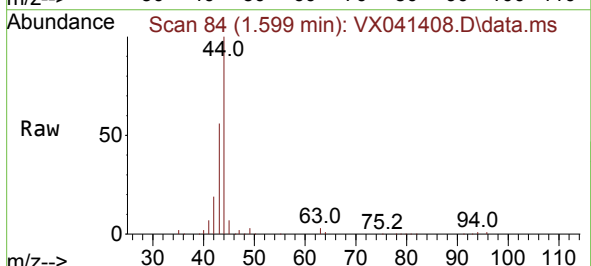


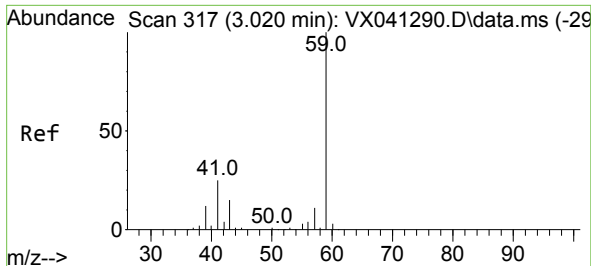
Tgt Ion:168 Resp: 177849
Ion Ratio Lower Upper
168 100
99 49.0 56.6 85.0#



#5
Bromomethane
Concen: 0.532 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

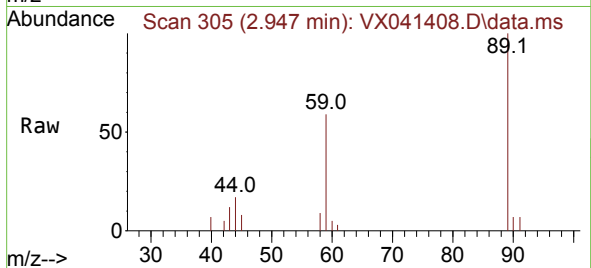
Tgt Ion: 94 Resp: 481
Ion Ratio Lower Upper
94 100
96 109.4 74.6 111.8



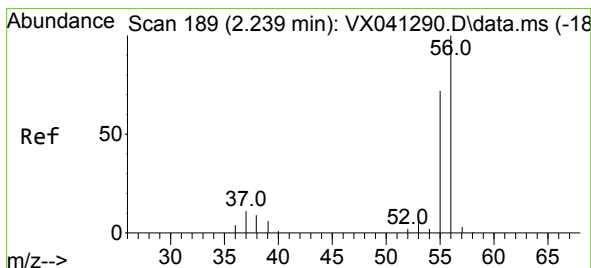
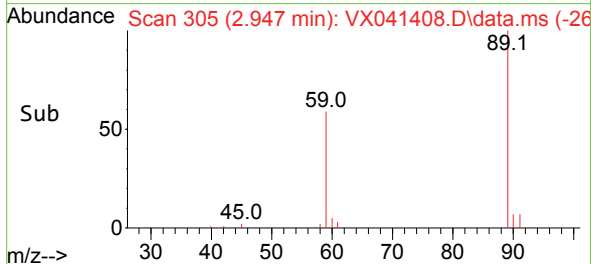
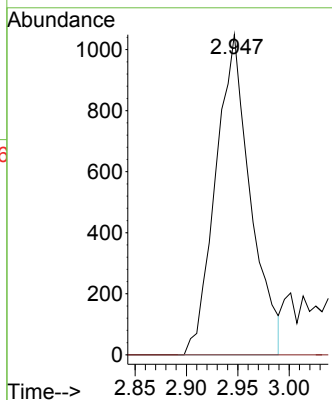


#11
Tert butyl alcohol
Concen: 6.384 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :

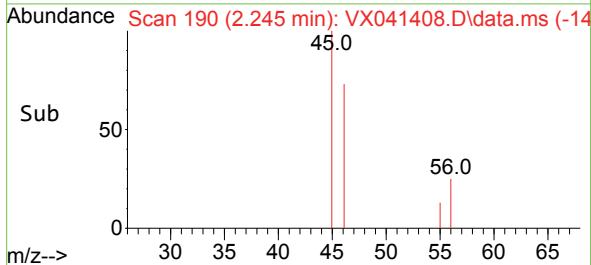
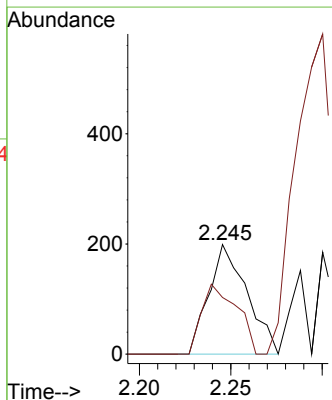
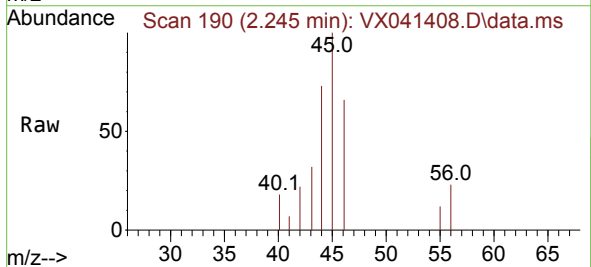


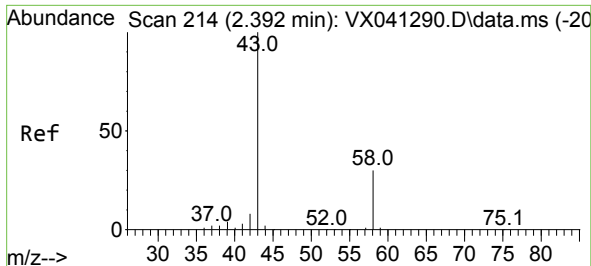
Tgt Ion: 59 Resp: 2474
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.940 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

Tgt Ion: 56 Resp: 289
Ion Ratio Lower Upper
56 100
55 59.2 57.1 85.7

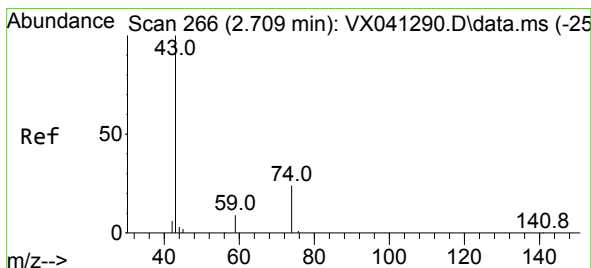
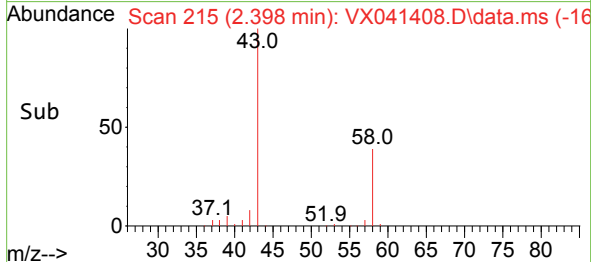
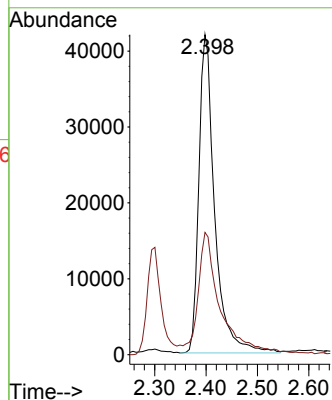
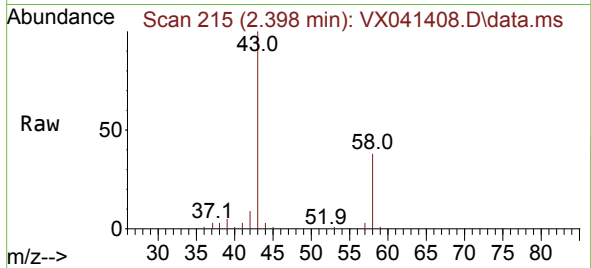




#16
Acetone
Concen: 102.946 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

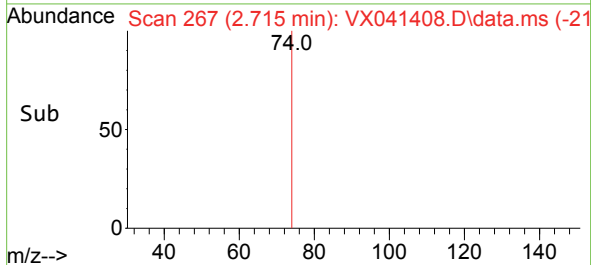
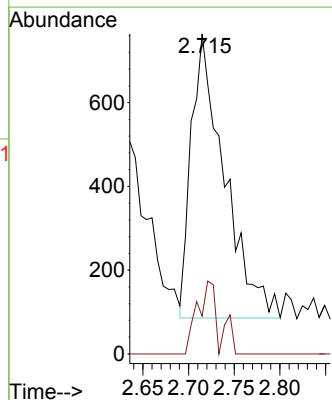
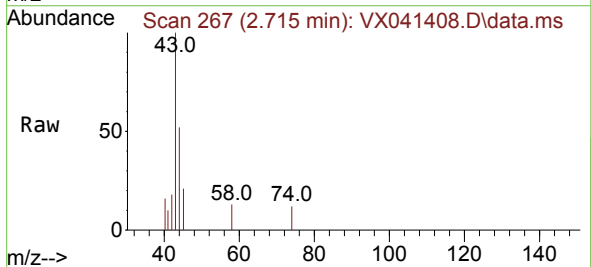
Instrument :
MSVOA_X
ClientSampleId :

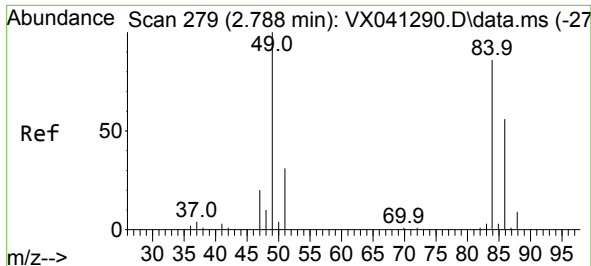
Tgt Ion: 43 Resp: 89734
Ion Ratio Lower Upper
43 100
58 37.5 21.9 32.9#



#18
Methyl Acetate
Concen: 0.867 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

Tgt Ion: 43 Resp: 1718
Ion Ratio Lower Upper
43 100
74 16.7 17.8 26.8#





#20

Methylene Chloride

Concen: 1.401 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

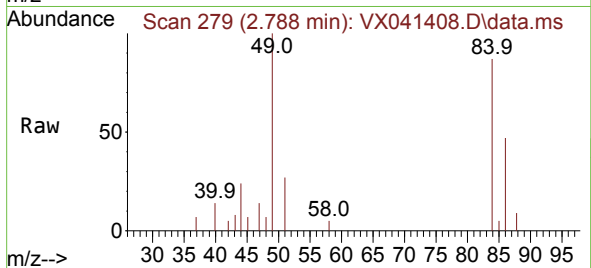
Lab File: VX041408.D

Acq: 07 May 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 2355

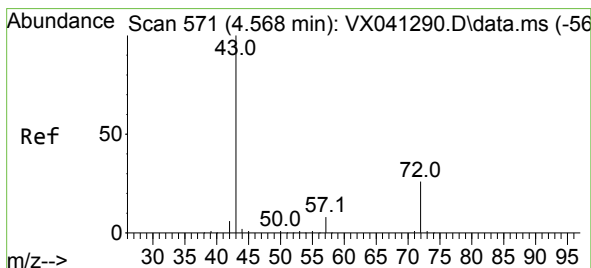
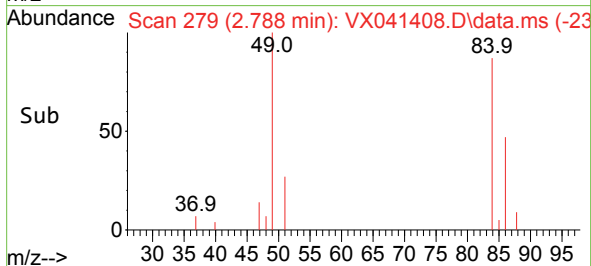
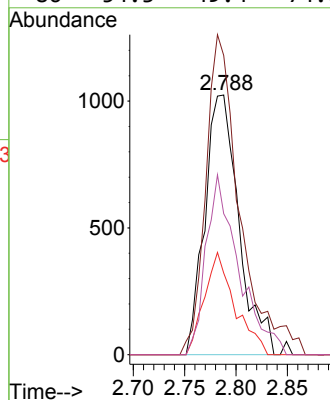
Ion Ratio Lower Upper

84 100

49 115.2 103.6 155.4

51 31.4 33.8 50.6#

86 54.3 49.4 74.0



#25

2-Butanone

Concen: 158.248 ug/l

RT: 4.385 min Scan# 541

Delta R.T. -0.183 min

Lab File: VX041408.D

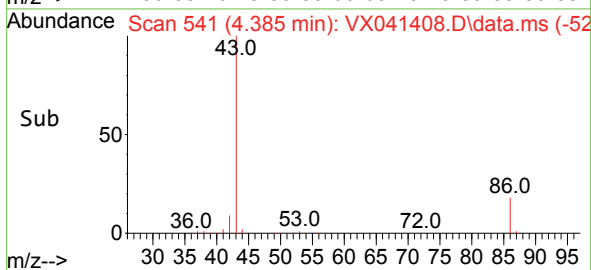
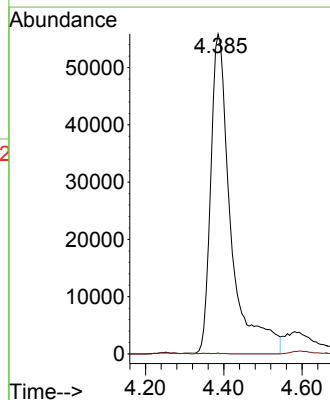
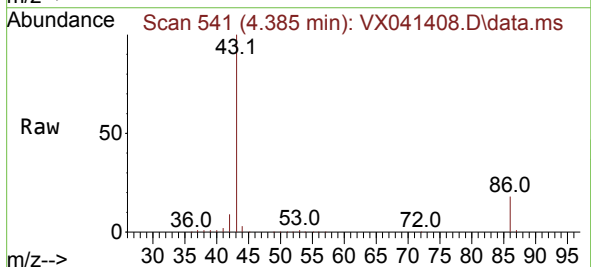
Acq: 07 May 2024 15:50

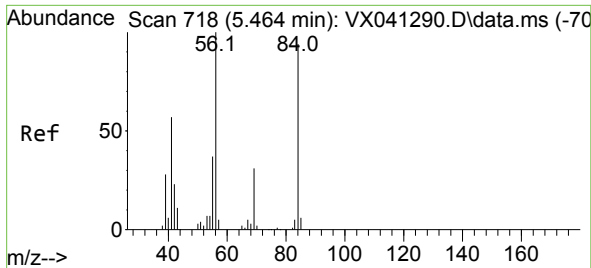
Tgt Ion: 43 Resp: 198303

Ion Ratio Lower Upper

43 100

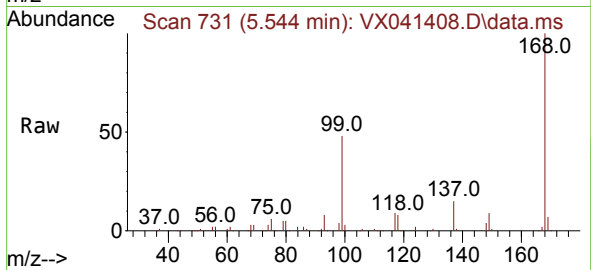
72 0.3 19.4 29.2#



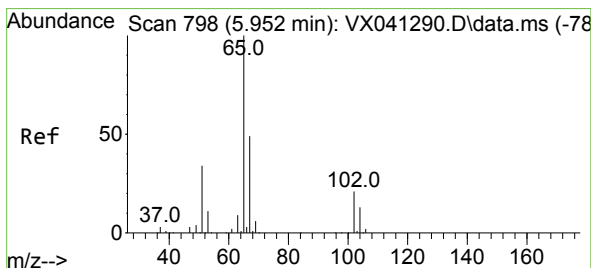
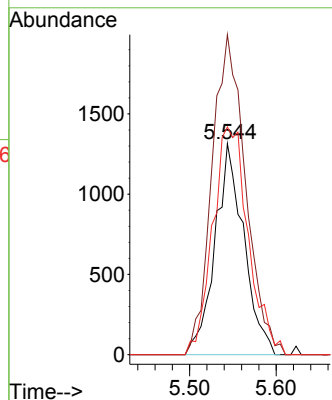
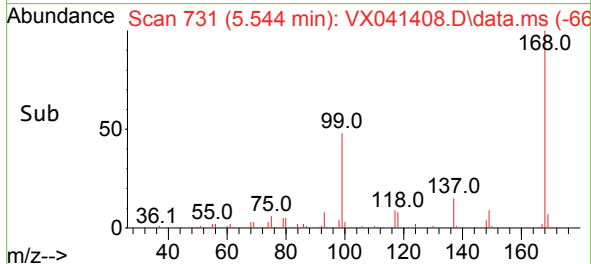


#31
Cyclohexane
Concen: 1.301 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :

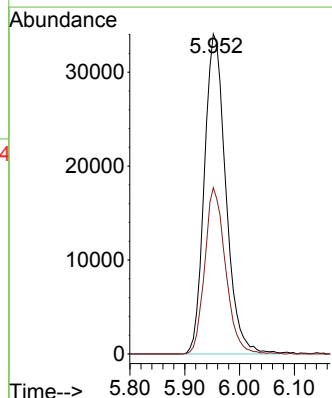
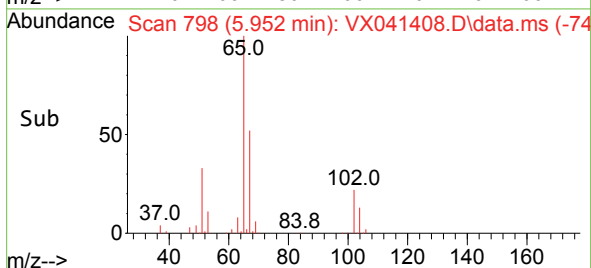
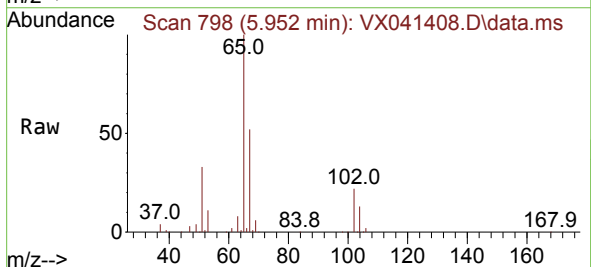


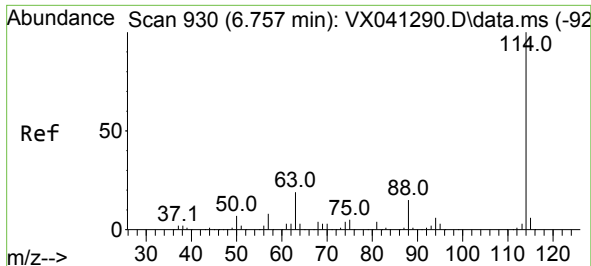
Tgt Ion: 56 Resp: 3039
Ion Ratio Lower Upper
56 100
69 151.6 23.4 35.2#
84 107.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.825 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

Tgt Ion: 65 Resp: 92595
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.2

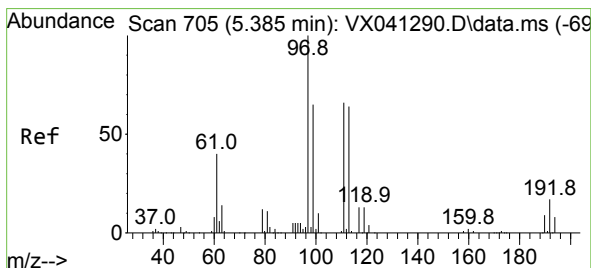
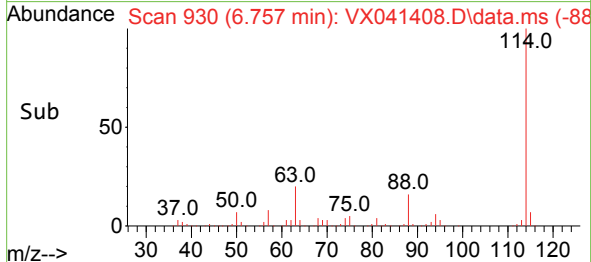
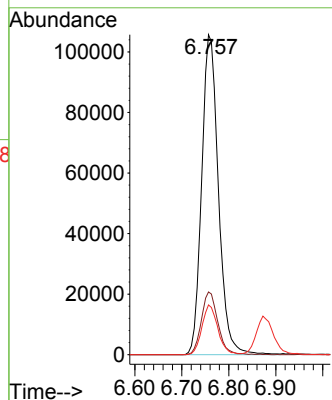
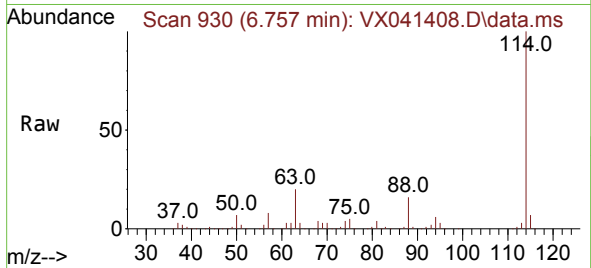




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

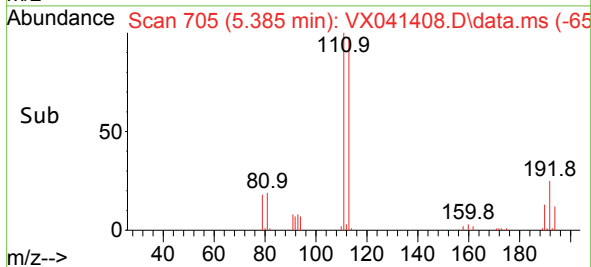
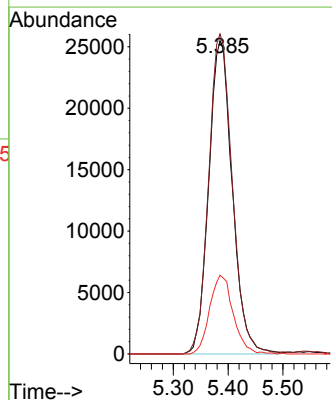
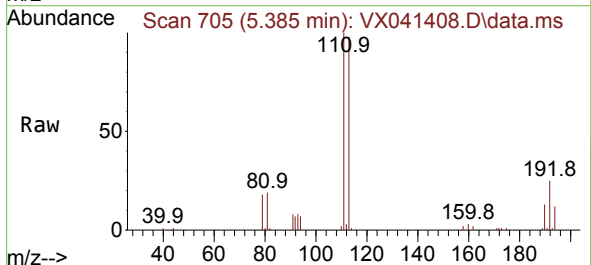
Instrument :
MSVOA_X
ClientSampleId :

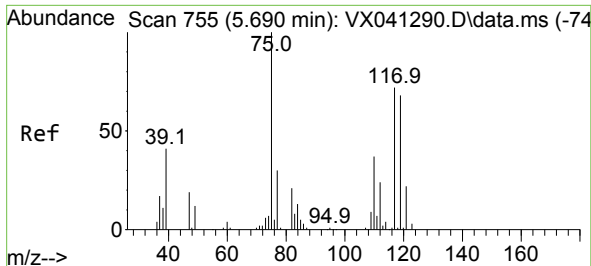
Tgt Ion:114 Resp: 261458
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 42.922 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

Tgt Ion:113 Resp: 76051
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 25.2 13.3 19.9#

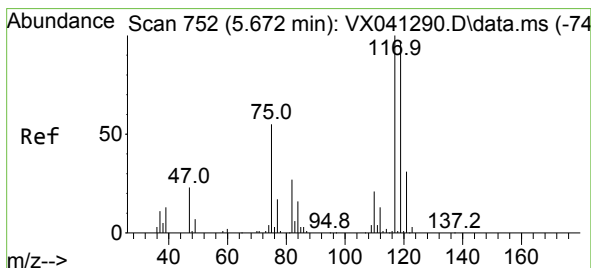
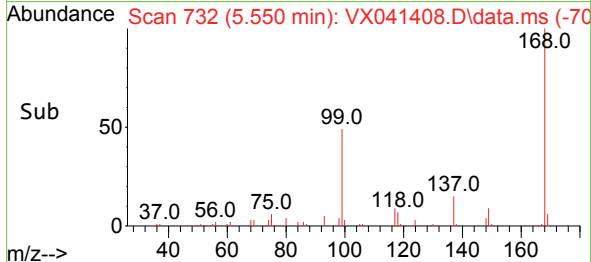
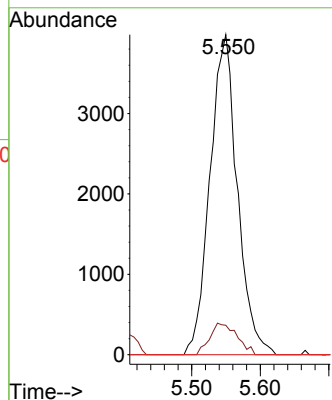
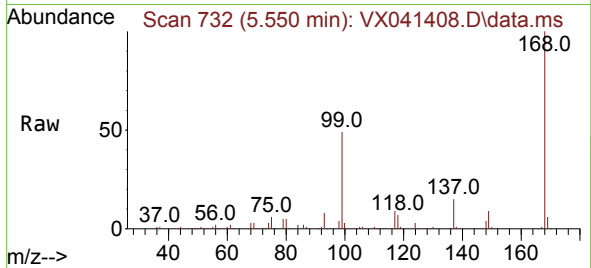




#36
1,1-Dichloropropene
Concen: 5.213 ug/l
RT: 5.550 min Scan# 710
Delta R.T. -0.140 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

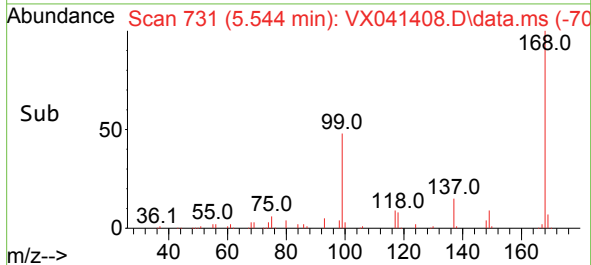
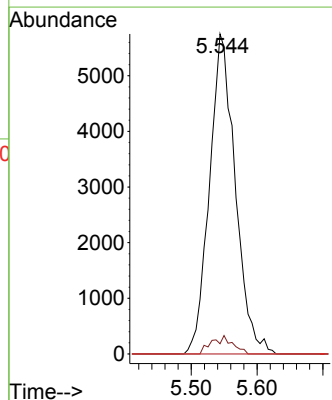
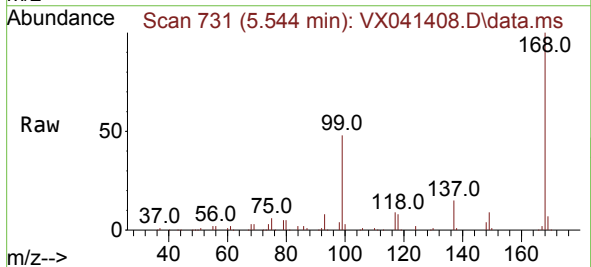
Instrument :
MSVOA_X
ClientSampleId :

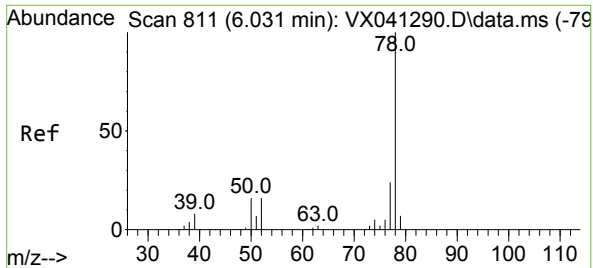
Tgt Ion: 75 Resp: 11045
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.457 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

Tgt Ion: 117 Resp: 15672
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#

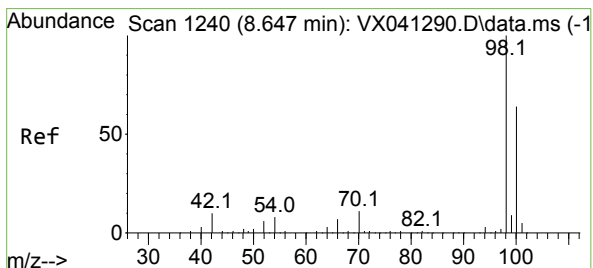
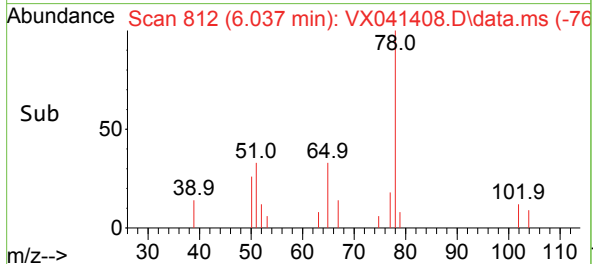
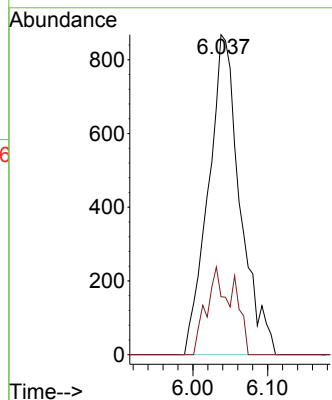
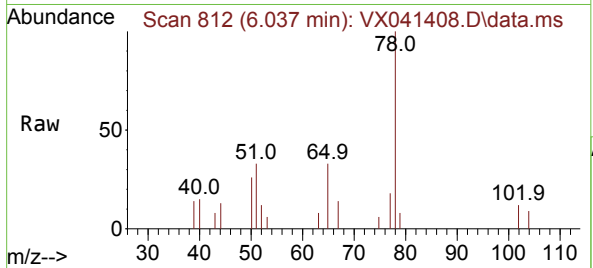




#40
Benzene
Concen: 0.392 ug/l
RT: 6.037 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

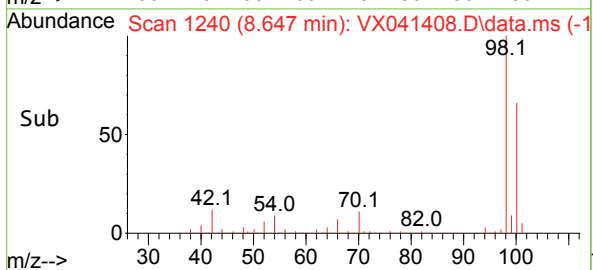
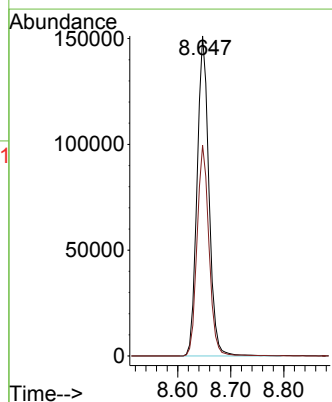
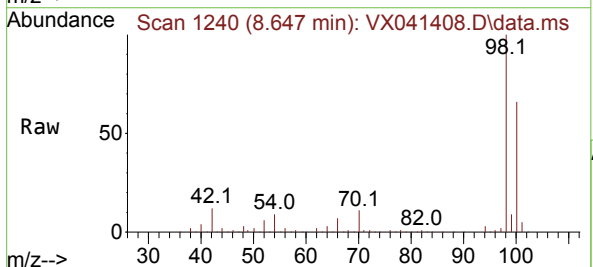
Instrument :
MSVOA_X
ClientSampleId :

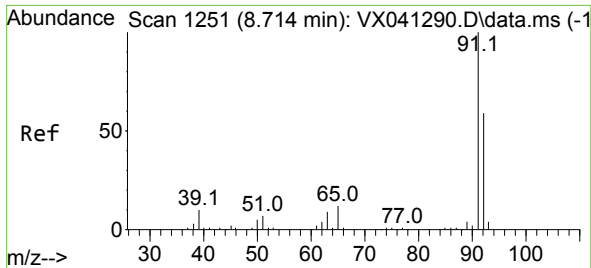
Tgt Ion: 78 Resp: 2560
Ion Ratio Lower Upper
78 100
77 18.1 19.3 28.9#



#50
Toluene-d8
Concen: 41.782 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

Tgt Ion: 98 Resp: 234313
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

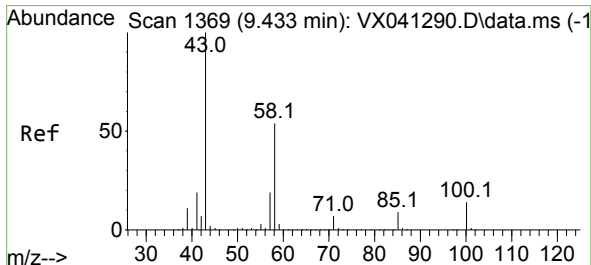
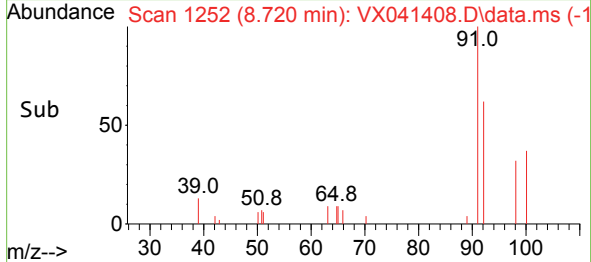
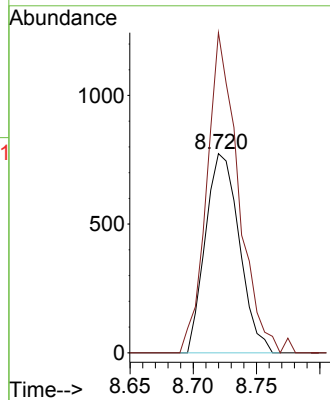
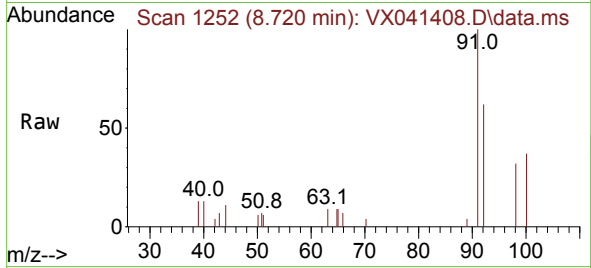




#52
Toluene
Concen: 0.362 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

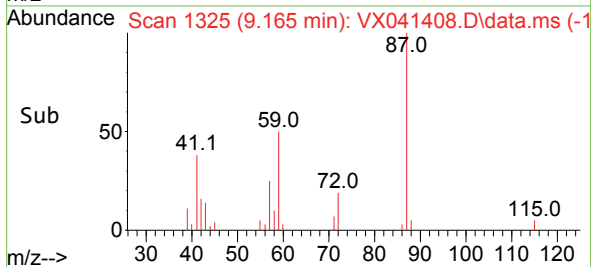
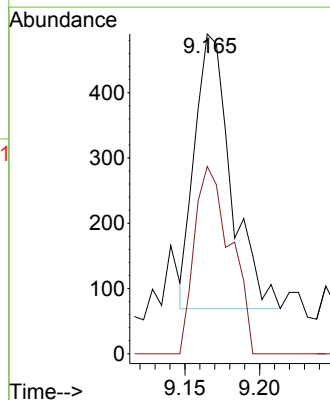
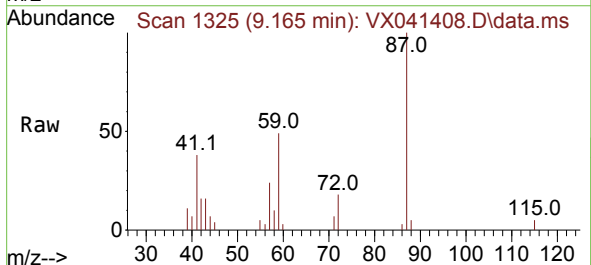
Instrument :
MSVOA_X
ClientSampleId :

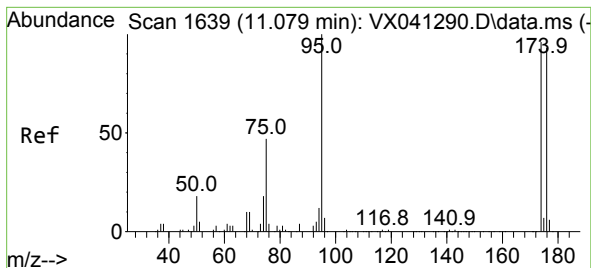
Tgt Ion: 92 Resp: 1445
Ion Ratio Lower Upper
92 100
91 150.6 134.2 201.2



#59
2-Hexanone
Concen: 0.373 ug/l
RT: 9.165 min Scan# 1325
Delta R.T. -0.268 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

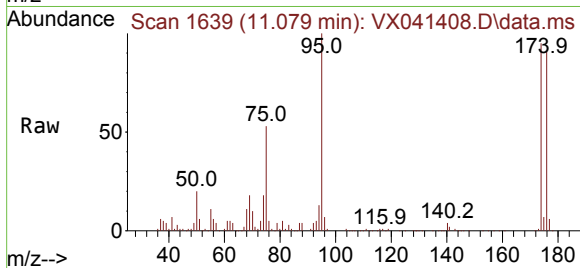
Tgt Ion: 43 Resp: 711
Ion Ratio Lower Upper
43 100
58 67.9 26.2 78.5



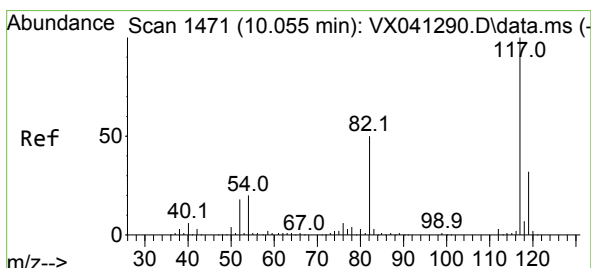
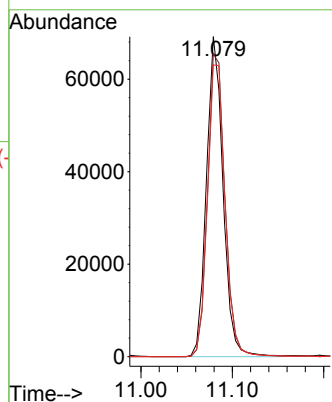
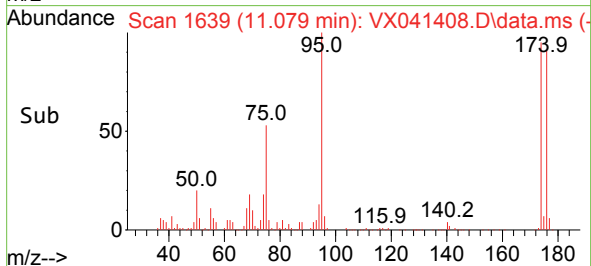


#62
4-Bromofluorobenzene
Concen: 40.151 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

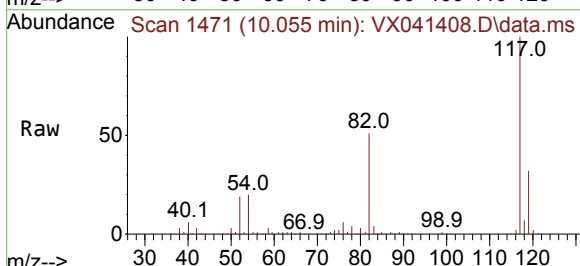
Instrument :
MSVOA_X
ClientSampleId :



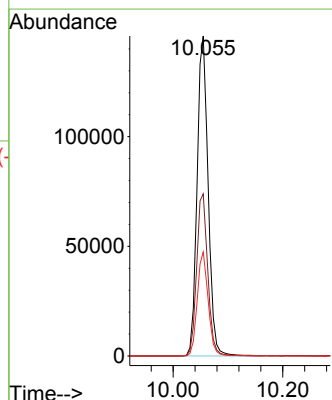
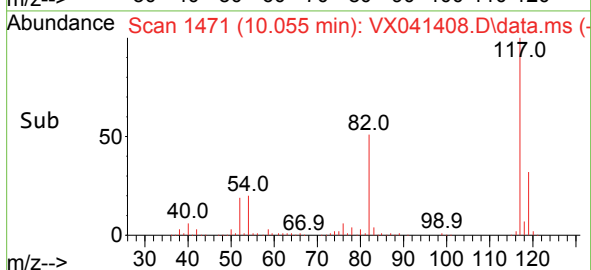
Tgt Ion: 95 Resp: 87163
Ion Ratio Lower Upper
95 100
174 99.4 0.0 135.6
176 97.4 0.0 131.0

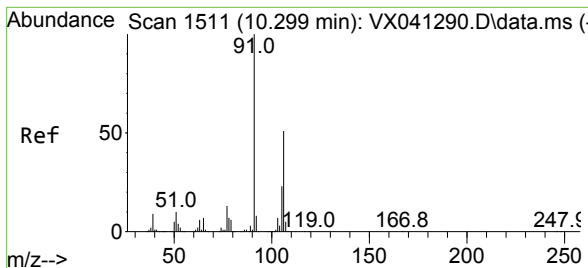


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50



Tgt Ion: 117 Resp: 205168
Ion Ratio Lower Upper
117 100
82 50.6 46.2 69.4
119 32.5 25.5 38.3

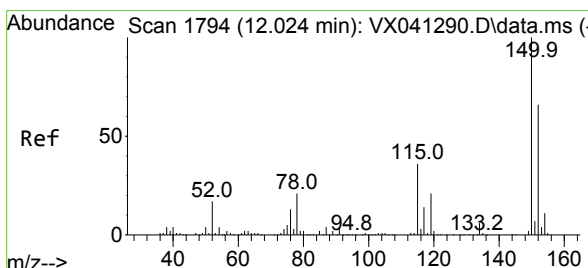
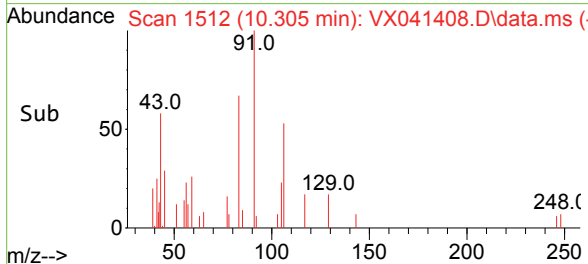
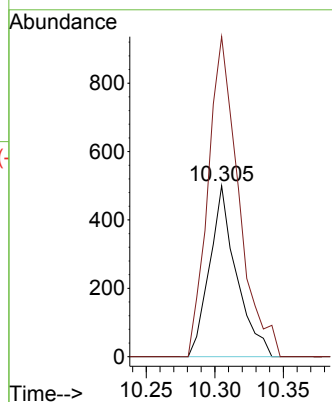
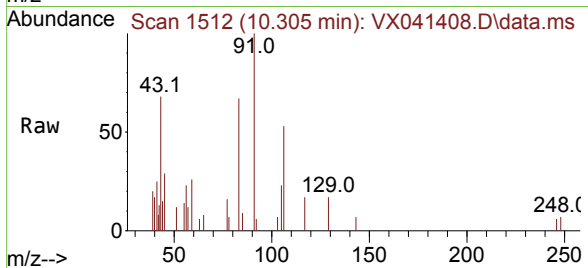




#68
m/p-Xylenes
Concen: 0.247 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

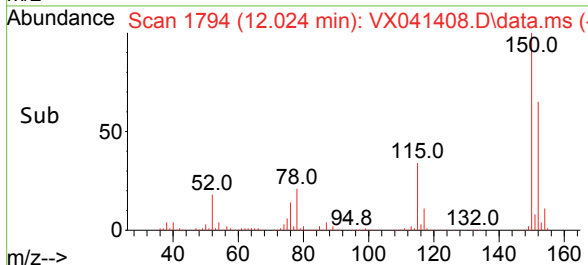
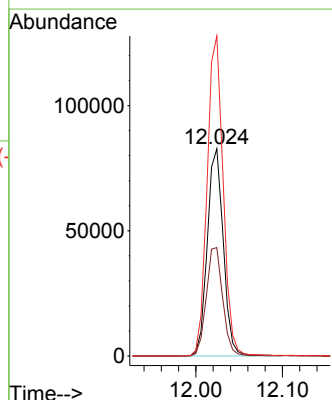
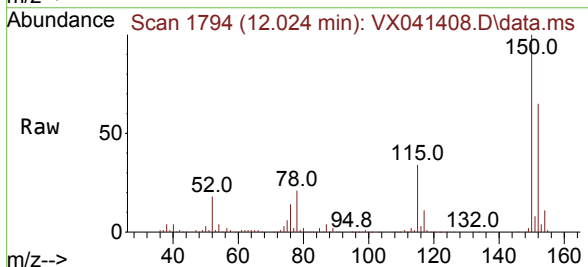
Instrument :
MSVOA_X
ClientSampleId :

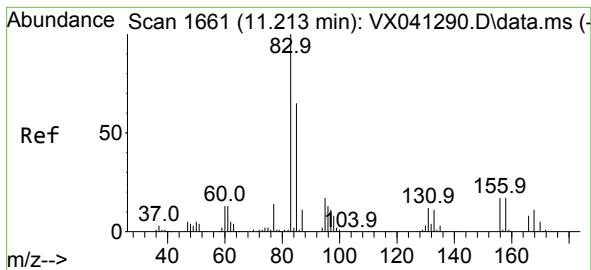
Tgt Ion:106 Resp: 680
Ion Ratio Lower Upper
106 100
91 213.8 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041408.D
Acq: 07 May 2024 15:50

Tgt Ion:152 Resp: 106384
Ion Ratio Lower Upper
152 100
115 53.9 43.3 129.9
150 154.6 0.0 345.0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.602 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.018 min

Lab File: VX041408.D

Acq: 07 May 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

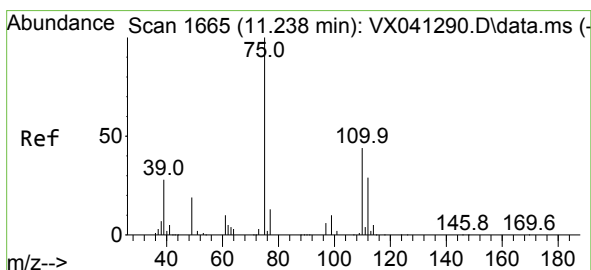
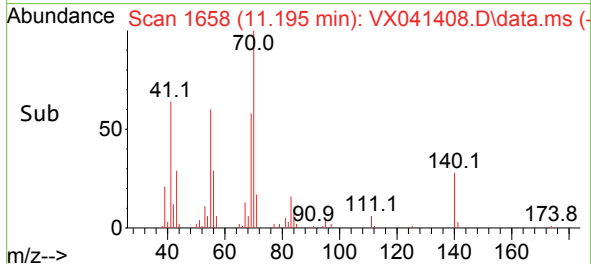
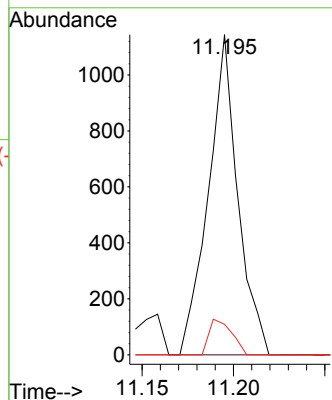
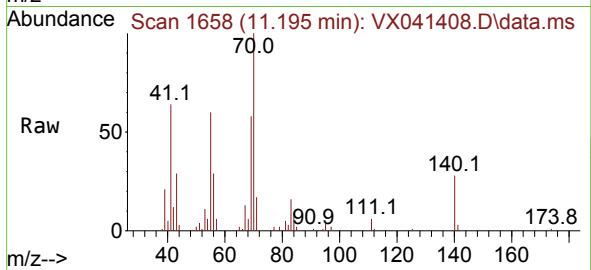
Tgt Ion: 83 Resp: 1281

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 8.5 32.0 96.2#



#76

1,2,3-Trichloropropane

Concen: 26.070 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041408.D

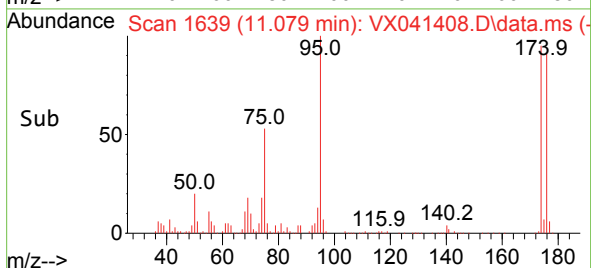
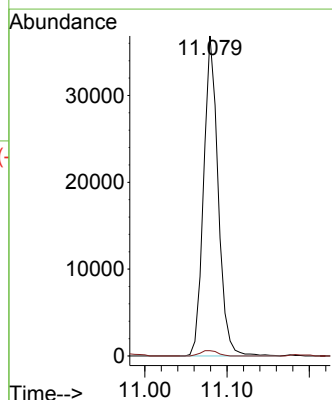
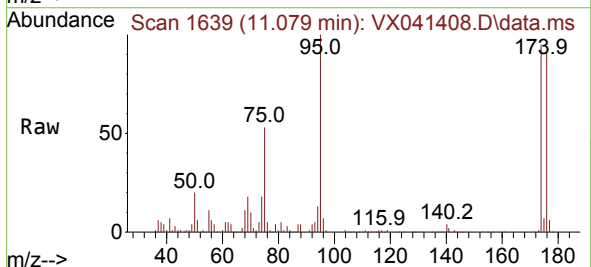
Acq: 07 May 2024 15:50

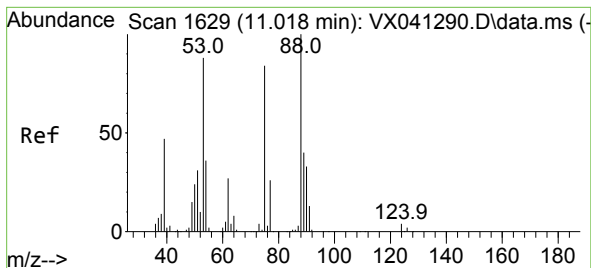
Tgt Ion: 75 Resp: 45198

Ion Ratio Lower Upper

75 100

77 2.0 19.1 57.5#

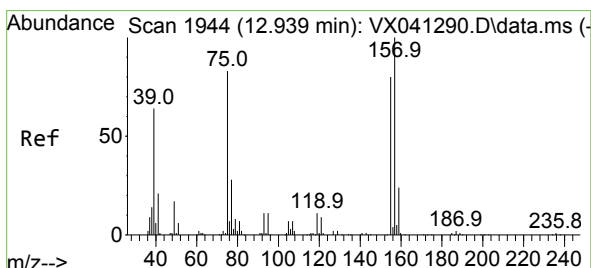
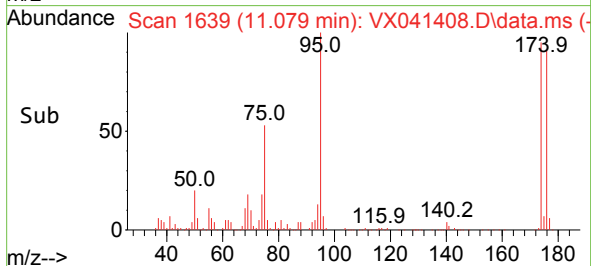
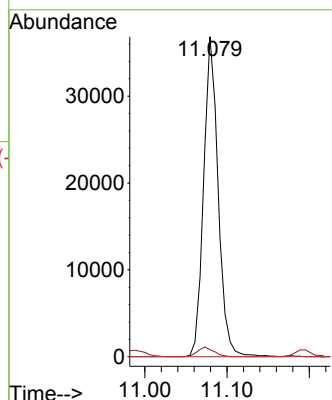
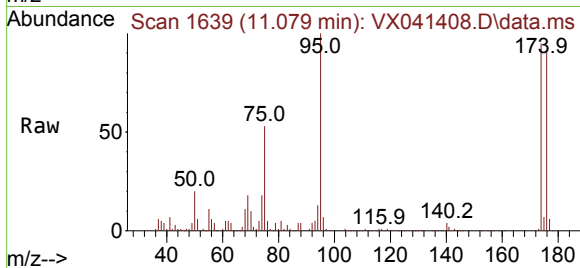




#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.011 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041408.D
 Acq: 07 May 2024 15:50

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 45198
 Ion Ratio Lower Upper
 75 100
 53 3.3 90.5 135.7#
 89 0.0 36.9 55.3#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.176 ug/l
 RT: 12.768 min Scan# 1916
 Delta R.T. -0.171 min
 Lab File: VX041408.D
 Acq: 07 May 2024 15:50

Tgt Ion: 75 Resp: 1070
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.1 108.5#
 157 0.0 44.9 134.7#

