

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050724\
 Data File : VX041404.D
 Acq On : 07 May 2024 14:17
 Operator : JC/MD
 Sample : P2389-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 08 02:00:28 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)

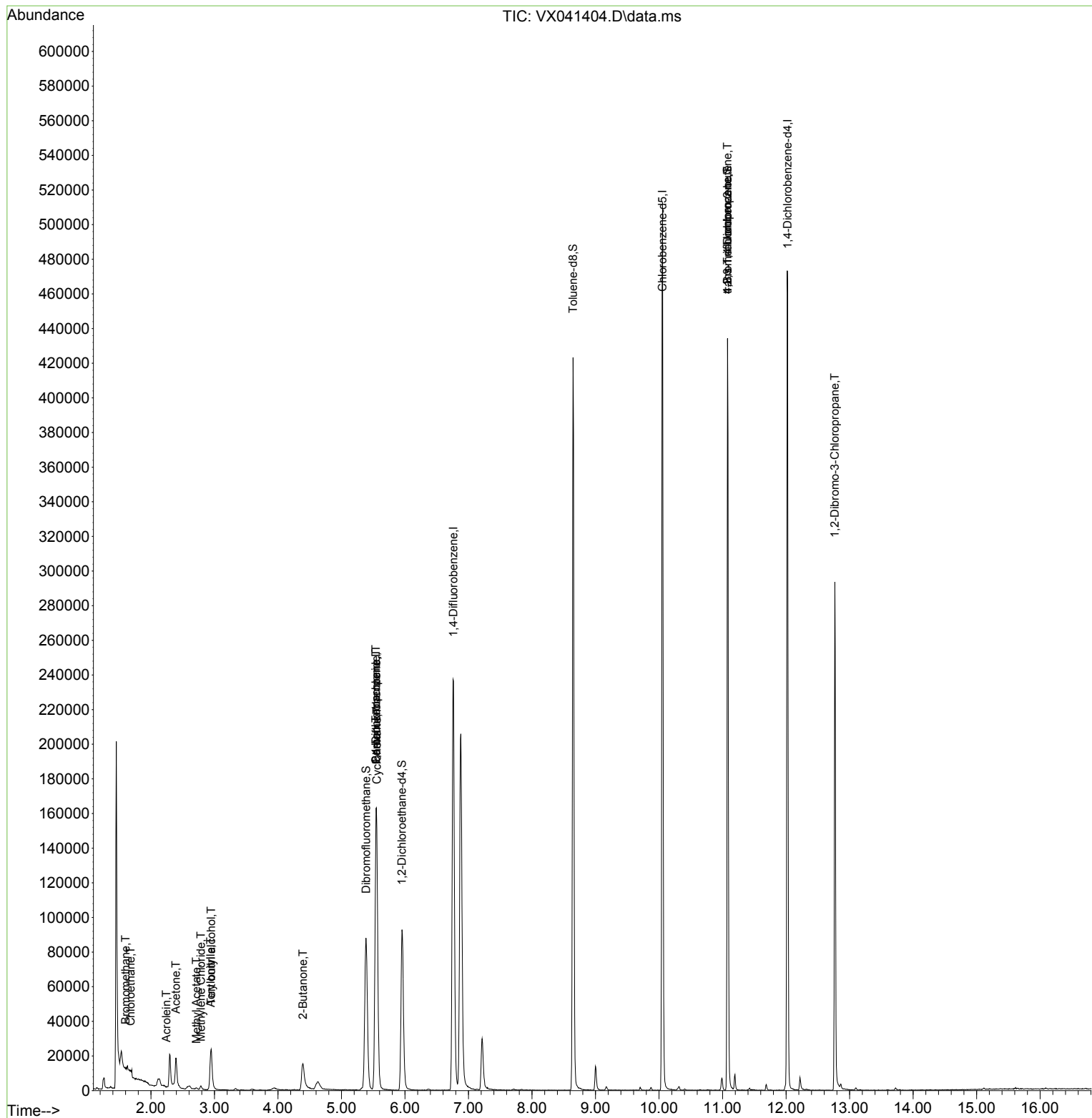
Internal Standards						
1) Pentafluorobenzene	5.550	168	178166	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	261292	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94749	48.850	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.700%
35) Dibromofluoromethane	5.385	113	76096	42.975	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.960%
50) Toluene-d8	8.647	98	254034	45.327	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.660%#
62) 4-Bromofluorobenzene	11.079	95	105670	48.707	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.420%
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	352	0.389	ug/l	# 59
6) Chloroethane	1.678	64	205	0.306	ug/l	# 43
11) Tert butyl alcohol	2.947	59	15246	39.272	ug/l	# 82
13) Acrolein	2.239	56	86	0.279	ug/l	# 71
15) Acrylonitrile	2.940	53	241	0.272	ug/l	# 17
16) Acetone	2.392	43	20337	20.215	ug/l	# 77
18) Methyl Acetate	2.715	43	812	0.409	ug/l	# 87
20) Methylene Chloride	2.788	84	1040	0.618	ug/l	97
25) 2-Butanone	4.391	43	40588	32.332	ug/l	# 51
31) Cyclohexane	5.556	56	2728	1.165	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	11157	5.269	ug/l	# 46
38) Carbon Tetrachloride	5.544	117	15597	6.430	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	53354	29.456	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	53354	80.234	ug/l	# 5
92) 1,2-Dibromo-3-Chloropr...	12.768	75	139	0.271	ug/l	# 9

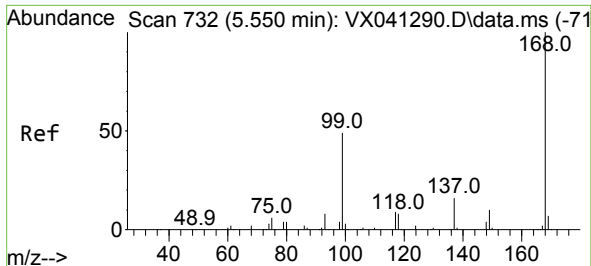
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050724\
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Sample : P2389-01 50X
Misc : 5.0mL/MSVOA_X/WATER
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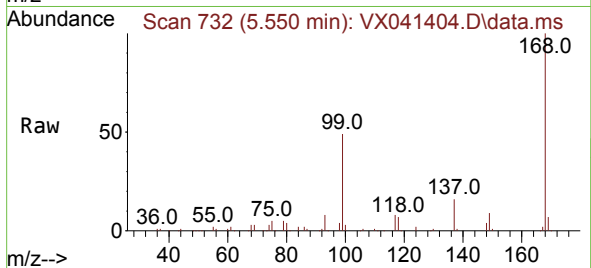
Quant Time: May 08 02:00:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration



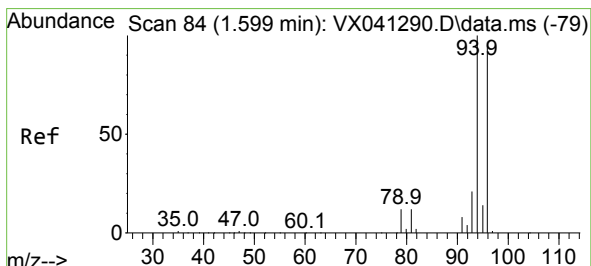
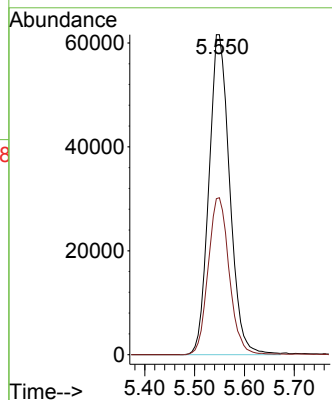
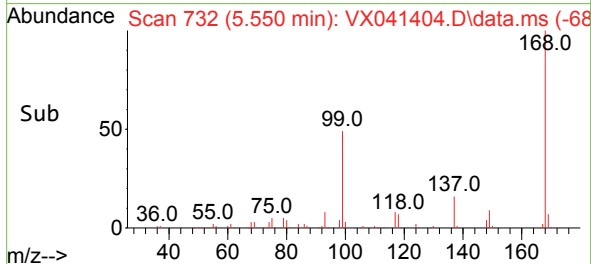


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041404.D
Acq: 07 May 2024 14:17

Instrument :
MSVOA_X
ClientSampleId :

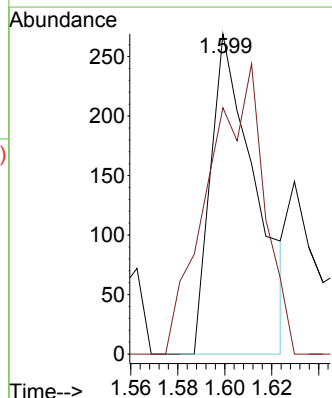
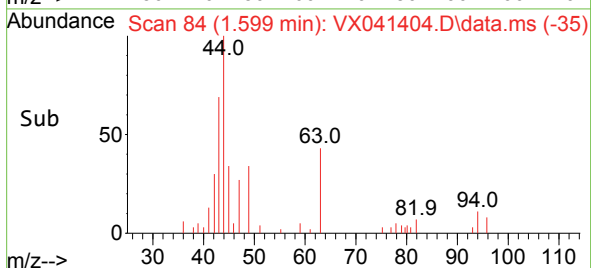
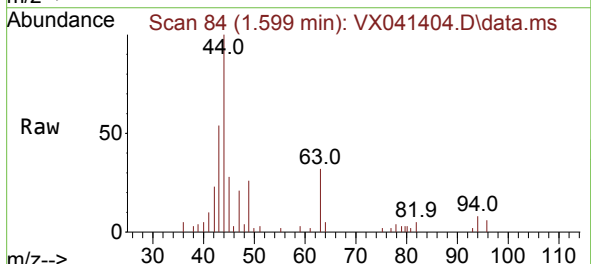


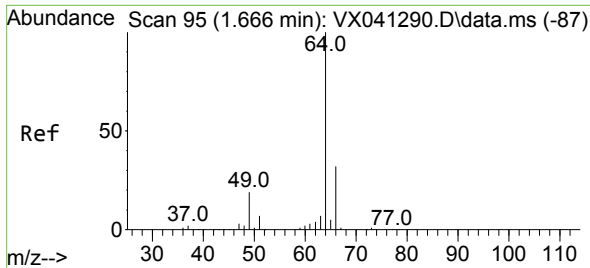
Tgt Ion:168 Resp: 178166
Ion Ratio Lower Upper
168 100
99 49.1 56.6 85.0#



#5
Bromomethane
Concen: 0.389 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041404.D
Acq: 07 May 2024 14:17

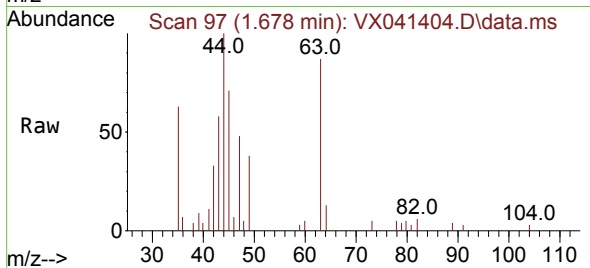
Tgt Ion: 94 Resp: 352
Ion Ratio Lower Upper
94 100
96 54.3 74.6 111.8#



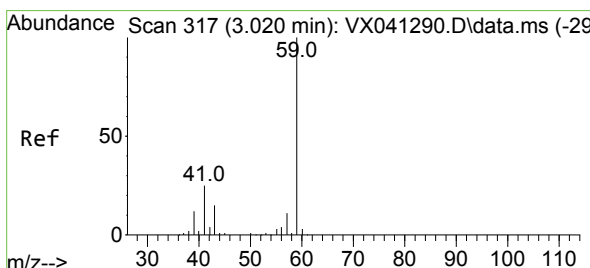
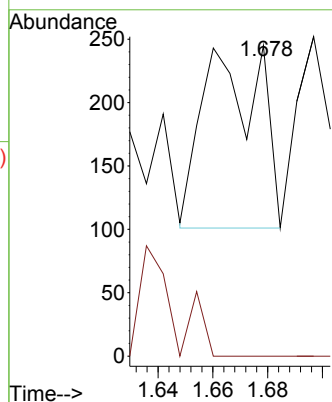
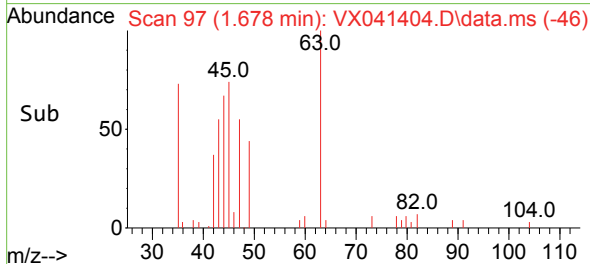


#6
Chloroethane
Concen: 0.306 ug/l
RT: 1.678 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX041404.D
Acq: 07 May 2024 14:17

Instrument :
MSVOA_X
ClientSampleId :

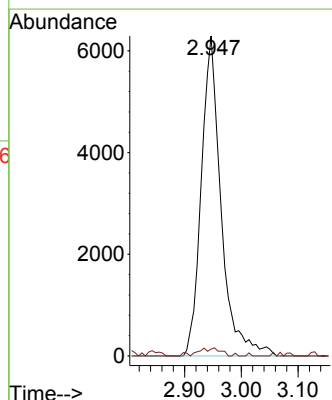
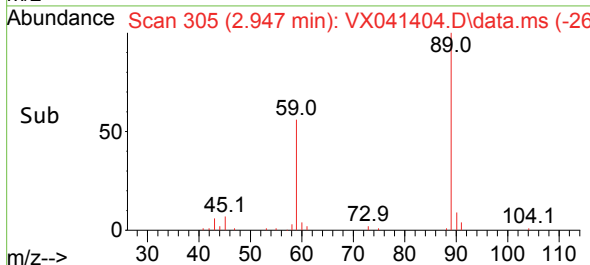
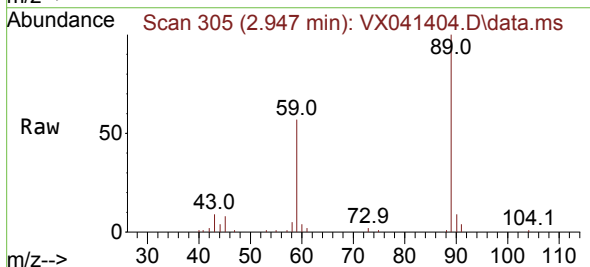


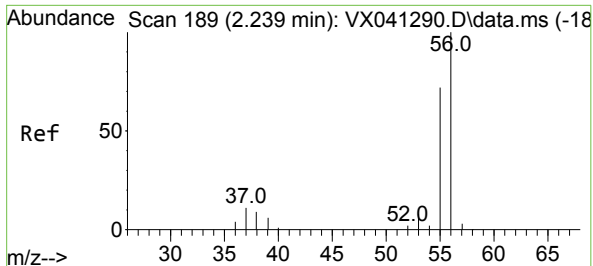
Tgt Ion: 64 Resp: 205
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 39.272 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX041404.D
Acq: 07 May 2024 14:17

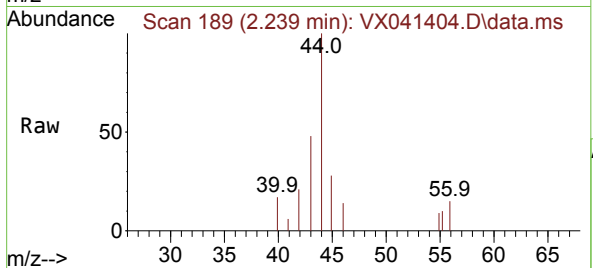
Tgt Ion: 59 Resp: 15246
Ion Ratio Lower Upper
59 100
57 1.2 6.0 9.0#



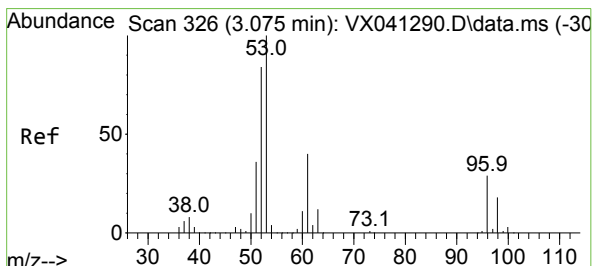
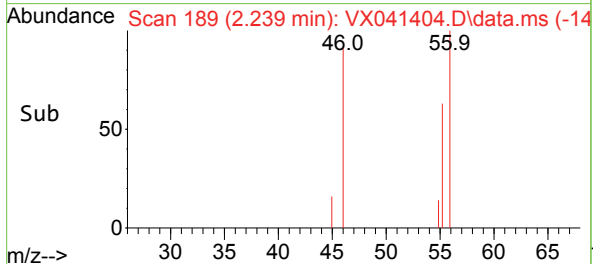
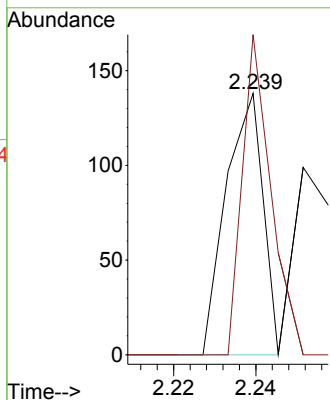


#13
Acrolein
Concen: 0.279 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041404.D
Acq: 07 May 2024 14:17

Instrument :
MSVOA_X
ClientSampleId :

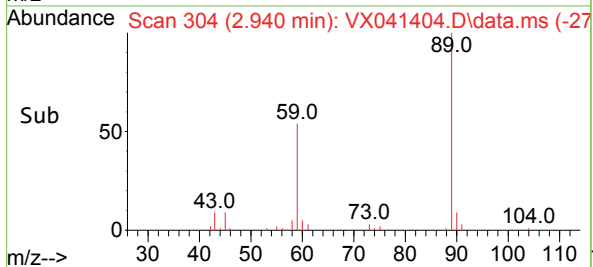
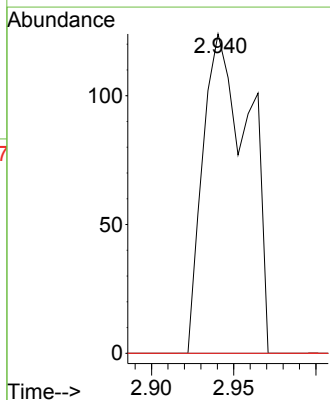
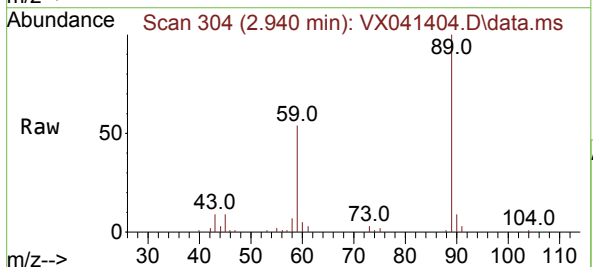


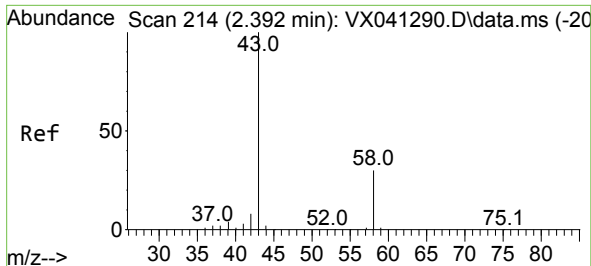
Tgt Ion: 56 Resp: 86
Ion Ratio Lower Upper
56 100
55 95.3 57.1 85.7#



#15
Acrylonitrile
Concen: 0.272 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.134 min
Lab File: VX041404.D
Acq: 07 May 2024 14:17

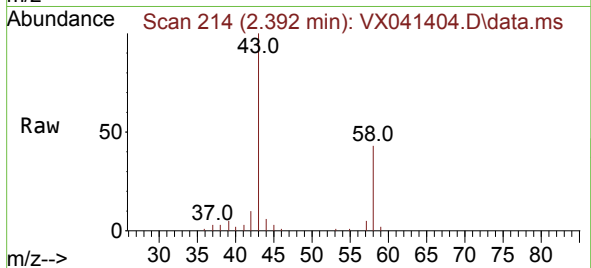
Tgt Ion: 53 Resp: 241
Ion Ratio Lower Upper
53 100
52 0.0 66.0 99.0#
51 0.0 29.8 44.6#



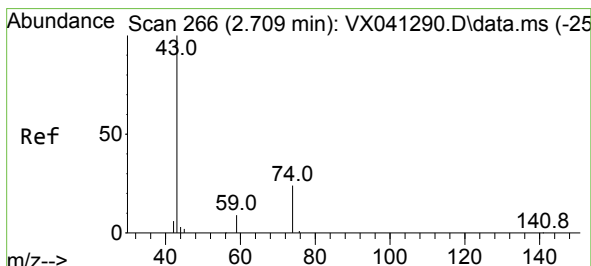
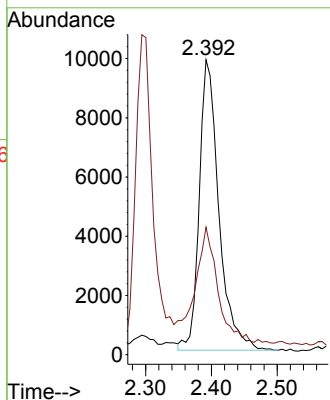
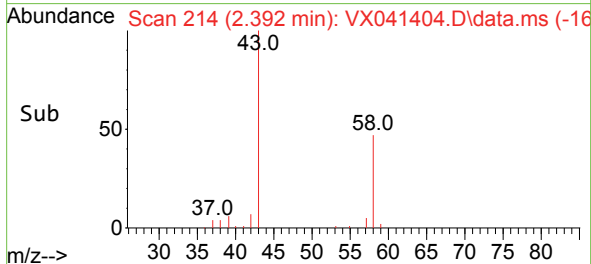


#16
Acetone
Concen: 20.215 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041404.D
Acq: 07 May 2024 14:17

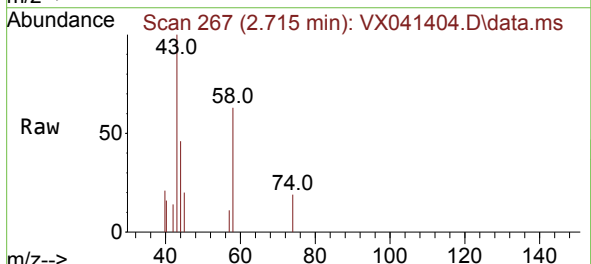
Instrument :
MSVOA_X
ClientSampleId :



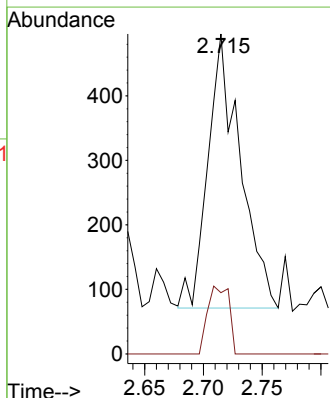
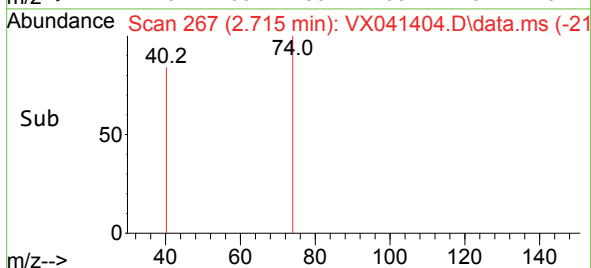
Tgt Ion: 43 Resp: 20337
Ion Ratio Lower Upper
43 100
58 39.5 21.9 32.9#

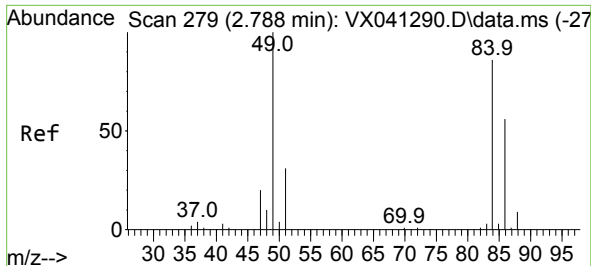


#18
Methyl Acetate
Concen: 0.409 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041404.D
Acq: 07 May 2024 14:17



Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
74 16.3 17.8 26.8#





#20

Methylene Chloride

Concen: 0.618 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

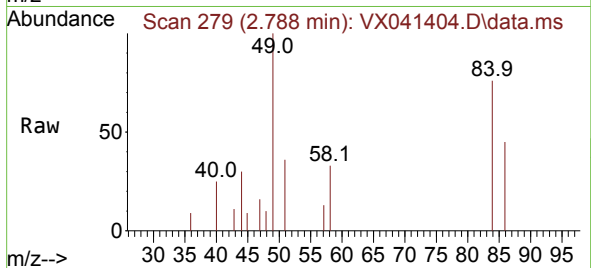
Lab File: VX041404.D

Acq: 07 May 2024 14:17

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1040

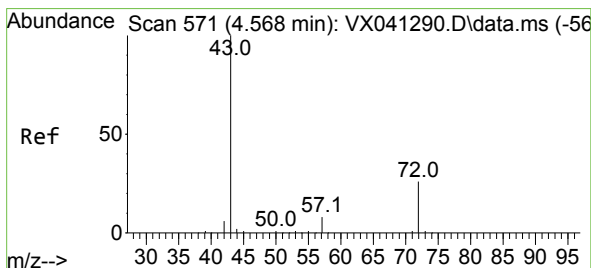
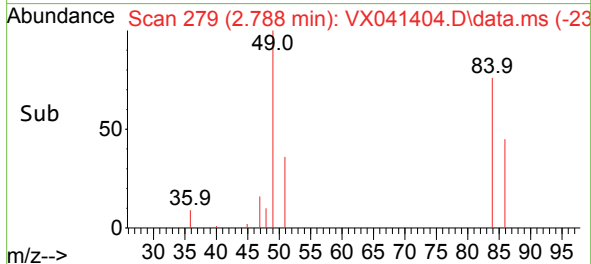
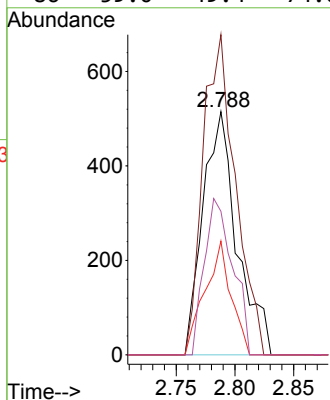
Ion Ratio Lower Upper

84 100

49 131.7 103.6 155.4

51 46.8 33.8 50.6

86 59.0 49.4 74.0



#25

2-Butanone

Concen: 32.332 ug/l

RT: 4.391 min Scan# 542

Delta R.T. -0.177 min

Lab File: VX041404.D

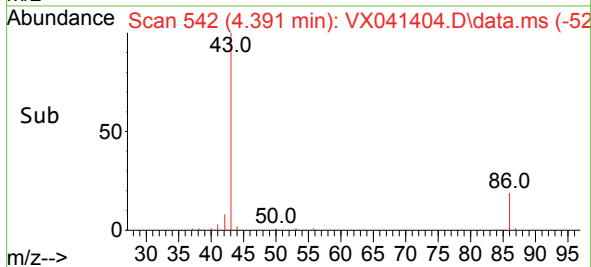
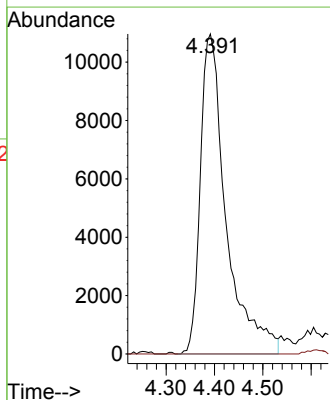
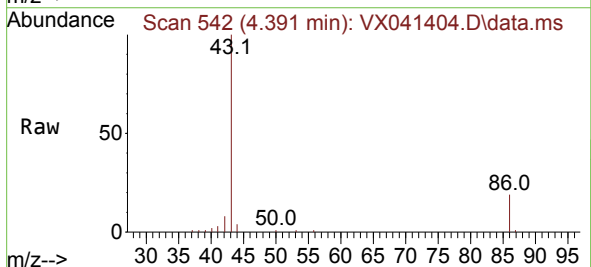
Acq: 07 May 2024 14:17

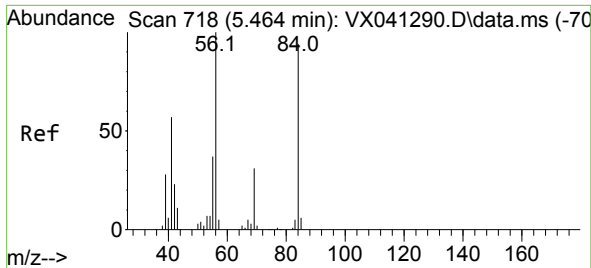
Tgt Ion: 43 Resp: 40588

Ion Ratio Lower Upper

43 100

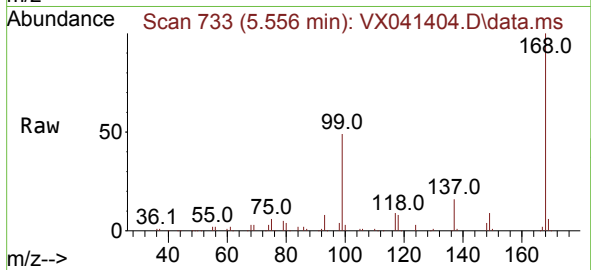
72 0.0 19.4 29.2#



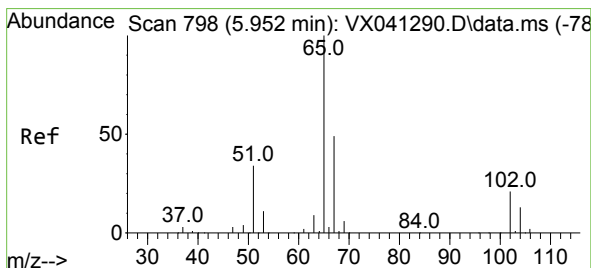
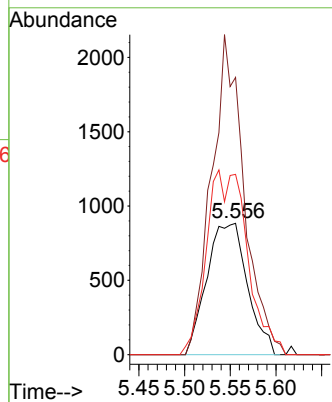
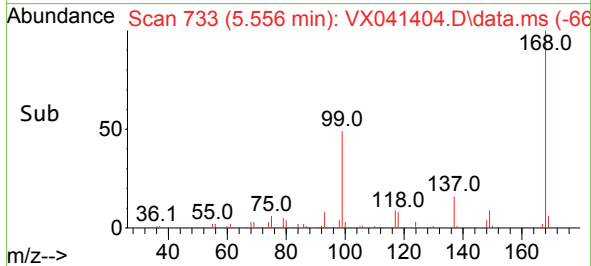


#31
Cyclohexane
Concen: 1.165 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX041404.D
Acq: 07 May 2024 14:17

Instrument :
MSVOA_X
ClientSampleId :

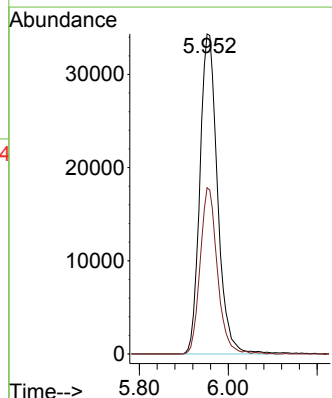
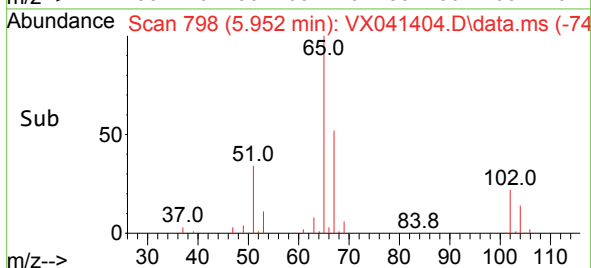
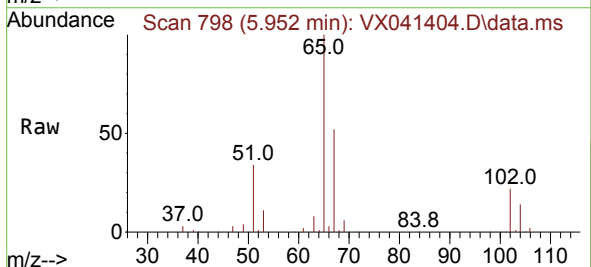


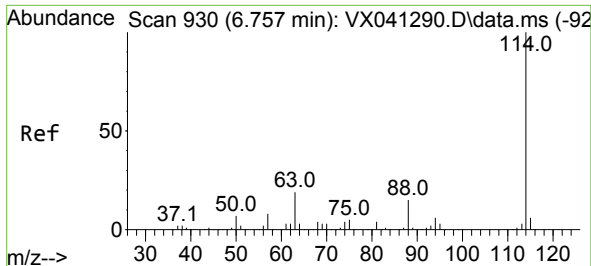
Tgt Ion: 56 Resp: 2728
Ion Ratio Lower Upper
56 100
69 211.1 23.4 35.2#
84 137.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.850 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041404.D
Acq: 07 May 2024 14:17

Tgt Ion: 65 Resp: 94749
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2

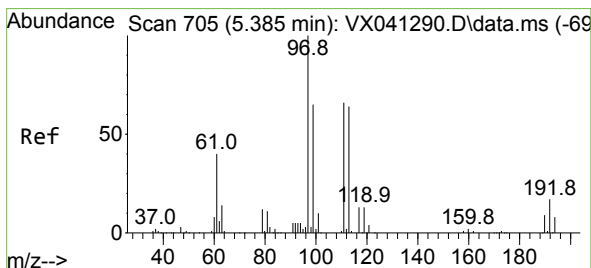
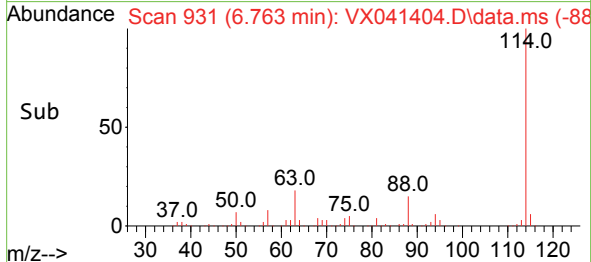
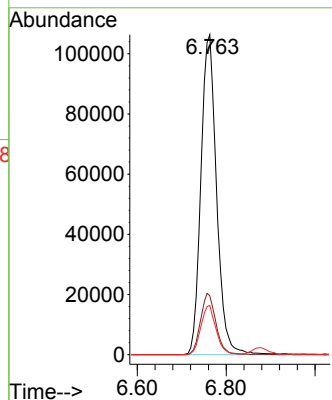
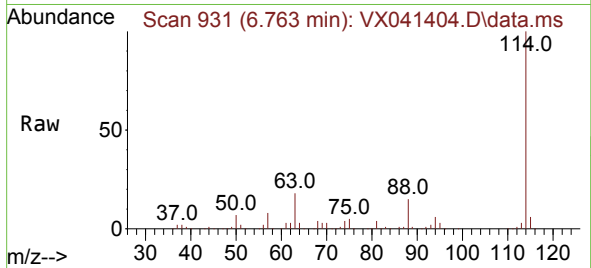




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041404.D
Acq: 07 May 2024 14:17

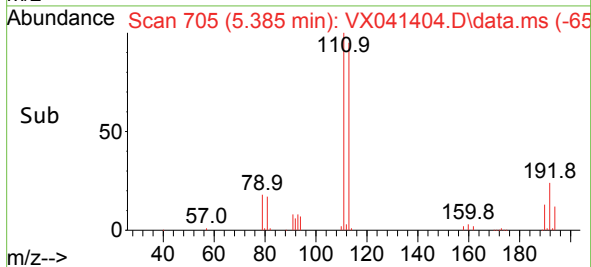
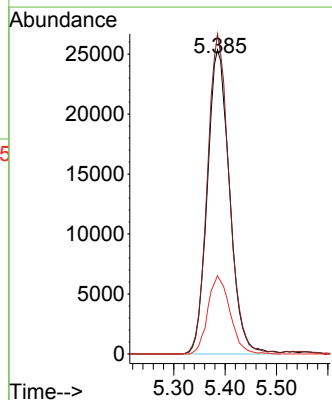
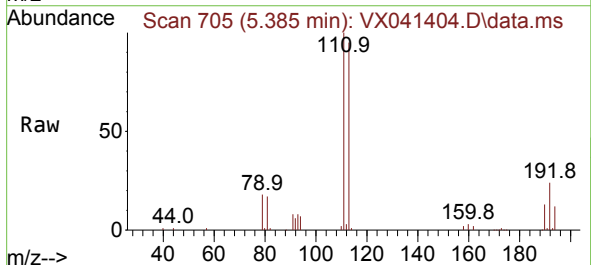
Instrument :
MSVOA_X
ClientSampleId :

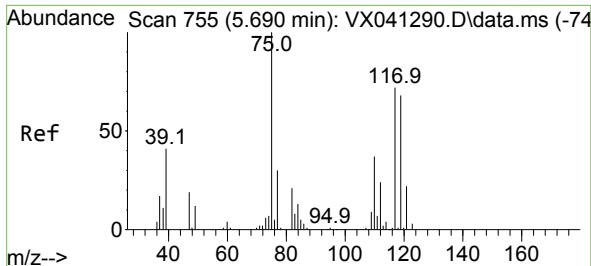
Tgt Ion:114 Resp: 261292
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 42.975 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041404.D
Acq: 07 May 2024 14:17

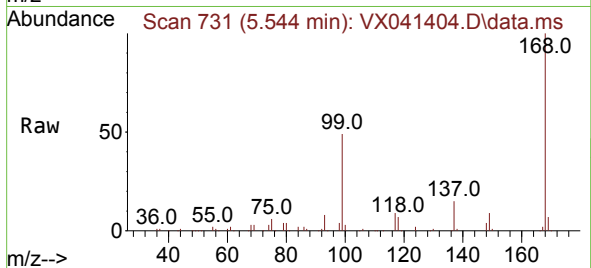
Tgt Ion:113 Resp: 76096
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 25.5 13.3 19.9#



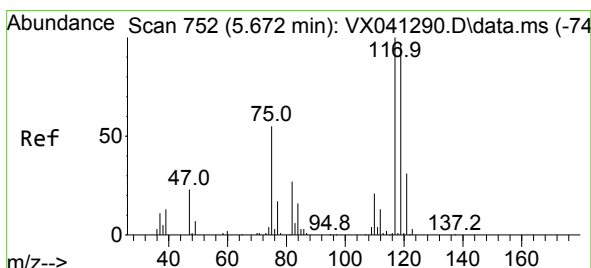
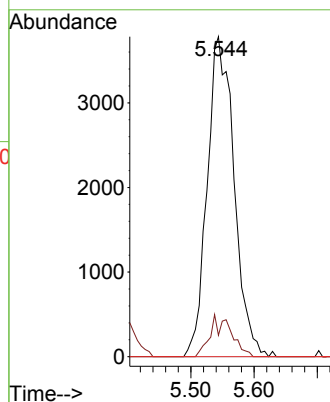
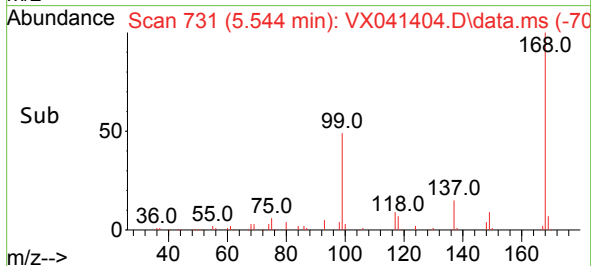


#36
1,1-Dichloropropene
Concen: 5.269 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX041404.D
Acq: 07 May 2024 14:17

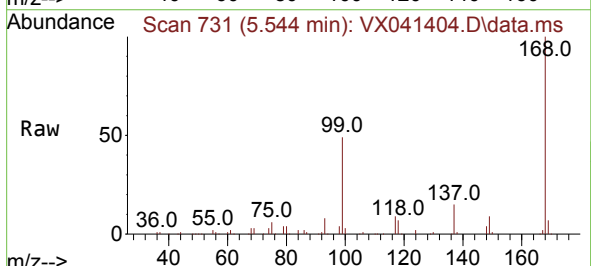
Instrument :
MSVOA_X
ClientSampleId :



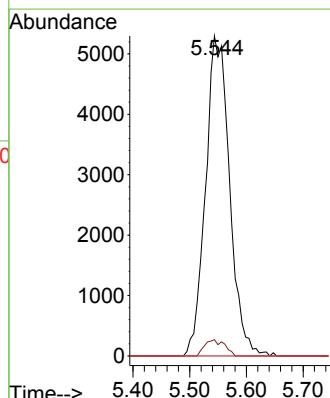
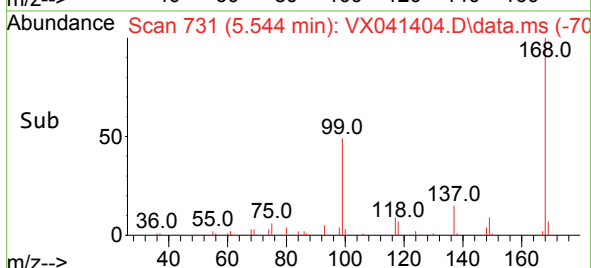
Tgt Ion: 75 Resp: 11157
Ion Ratio Lower Upper
75 100
110 4.4 17.0 50.9#
77 0.0 24.7 37.1#

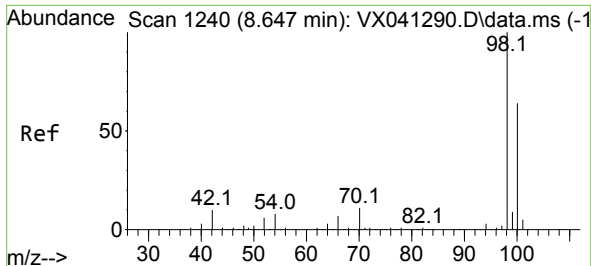


#38
Carbon Tetrachloride
Concen: 6.430 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX041404.D
Acq: 07 May 2024 14:17



Tgt Ion: 117 Resp: 15597
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#

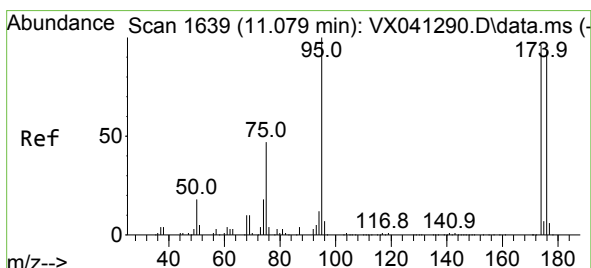
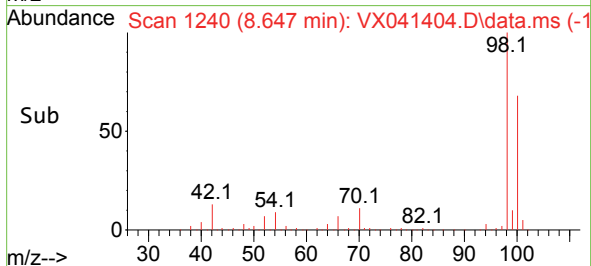
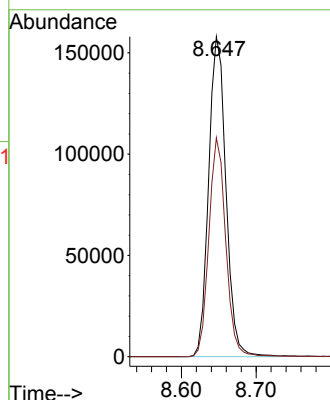
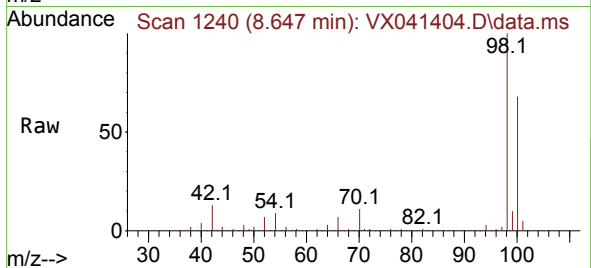




#50
Toluene-d8
Concen: 45.327 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041404.D
Acq: 07 May 2024 14:17

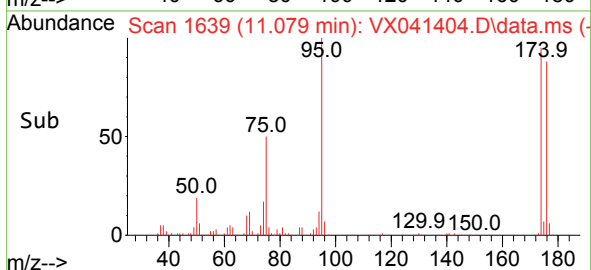
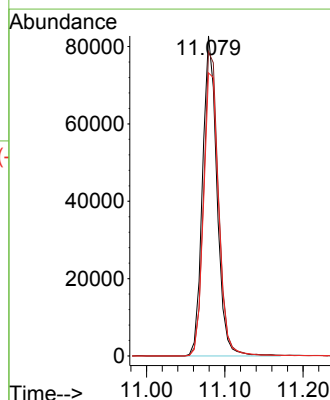
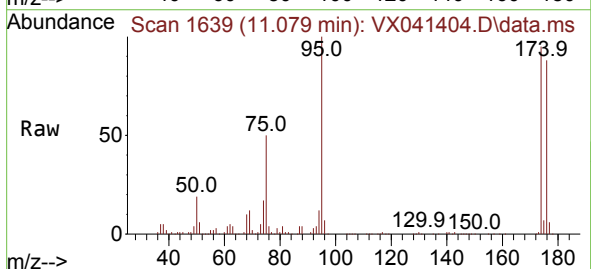
Instrument :
MSVOA_X
ClientSampleId :

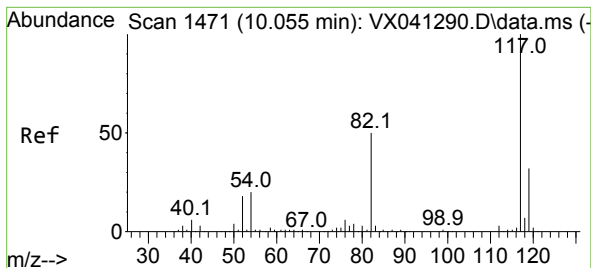
Tgt Ion: 98 Resp: 254034
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041404.D
Acq: 07 May 2024 14:17

Tgt Ion: 95 Resp: 105670
Ion Ratio Lower Upper
95 100
174 98.8 0.0 135.6
176 93.7 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: VX041404.D

Acq: 07 May 2024 14:17

Instrument :

MSVOA_X

ClientSampleId :

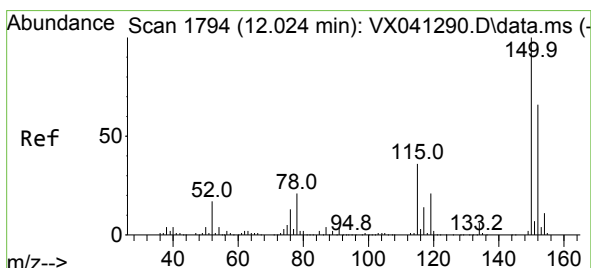
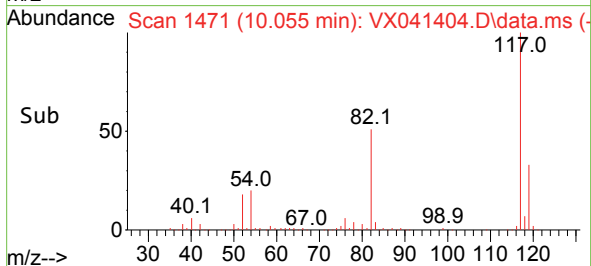
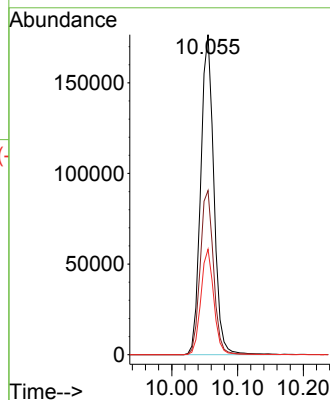
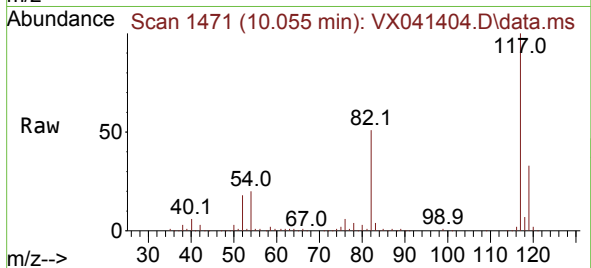
Tgt Ion:117 Resp: 245009

Ion Ratio Lower Upper

117 100

82 51.3 46.2 69.4

119 33.0 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041404.D

Acq: 07 May 2024 14:17

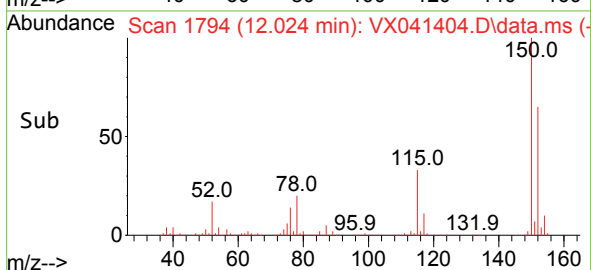
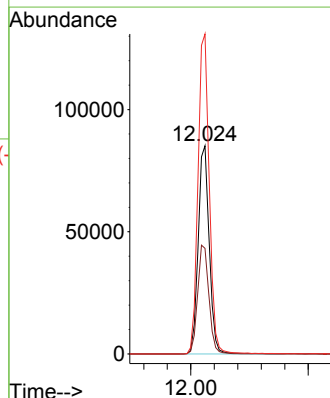
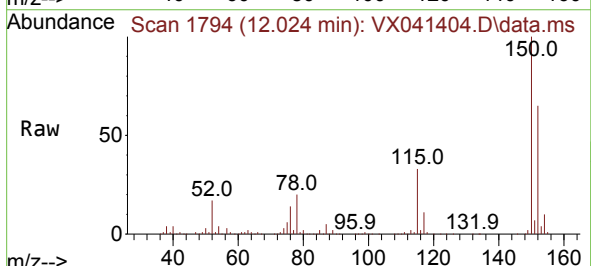
Tgt Ion:152 Resp: 111145

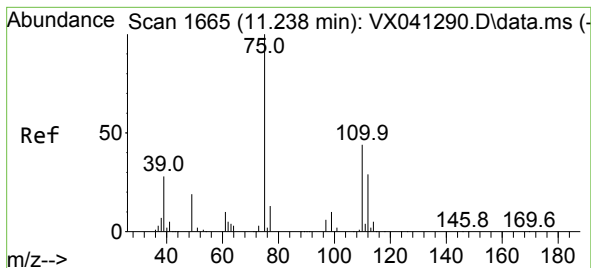
Ion Ratio Lower Upper

152 100

115 53.3 43.3 129.9

150 157.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 29.456 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041404.D

Acq: 07 May 2024 14:17

Instrument :

MSVOA_X

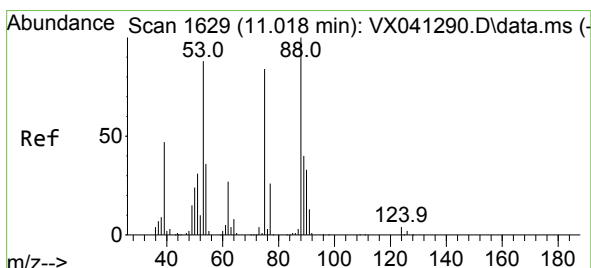
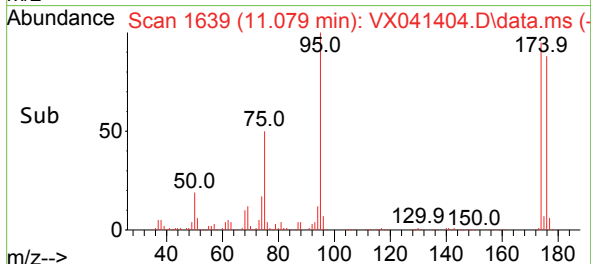
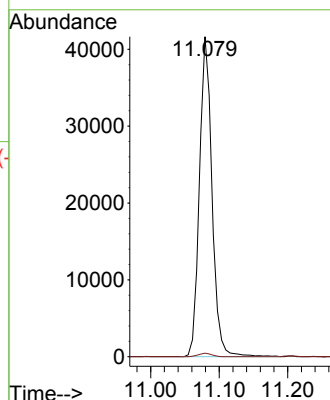
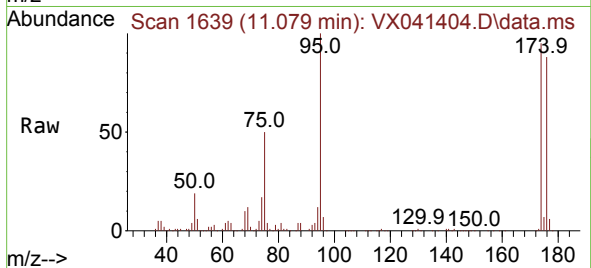
ClientSampleId :

Tgt Ion: 75 Resp: 53354

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.234 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041404.D

Acq: 07 May 2024 14:17

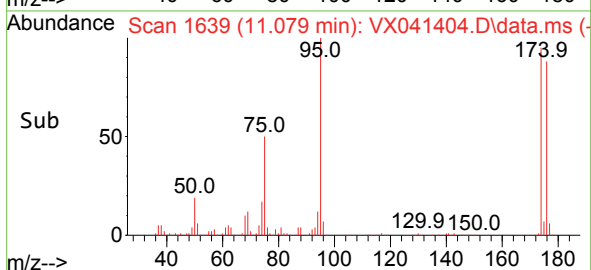
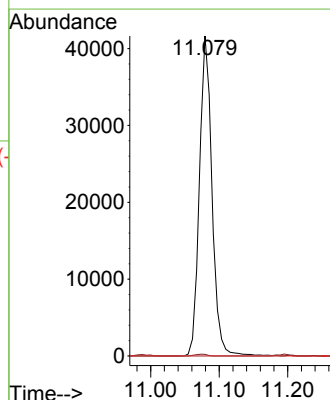
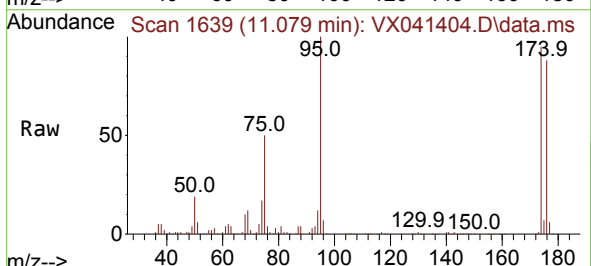
Tgt Ion: 75 Resp: 53354

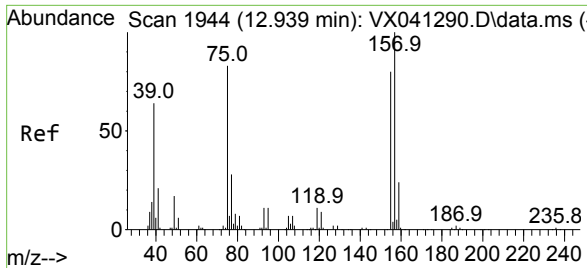
Ion Ratio Lower Upper

75 100

53 0.5 90.5 135.7#

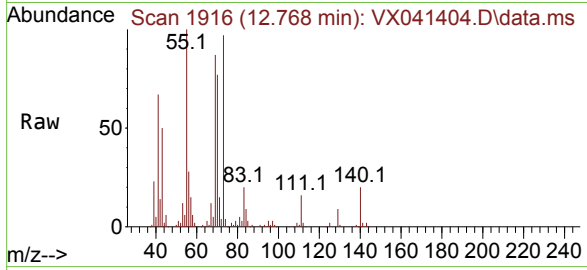
89 0.0 36.9 55.3#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.271 ug/l
 RT: 12.768 min Scan# 1916
 Delta R.T. -0.171 min
 Lab File: VX041404.D
 Acq: 07 May 2024 14:17

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	75	Resp:	139
Ion	Ratio	Lower	Upper
75	100		
155	0.0	36.1	108.5#
157	0.0	44.9	134.7#

