

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
 Data File : VX041332.D
 Acq On : 01 May 2024 17:26
 Operator : JC/MD
 Sample : P2264-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 02 03:14:23 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)

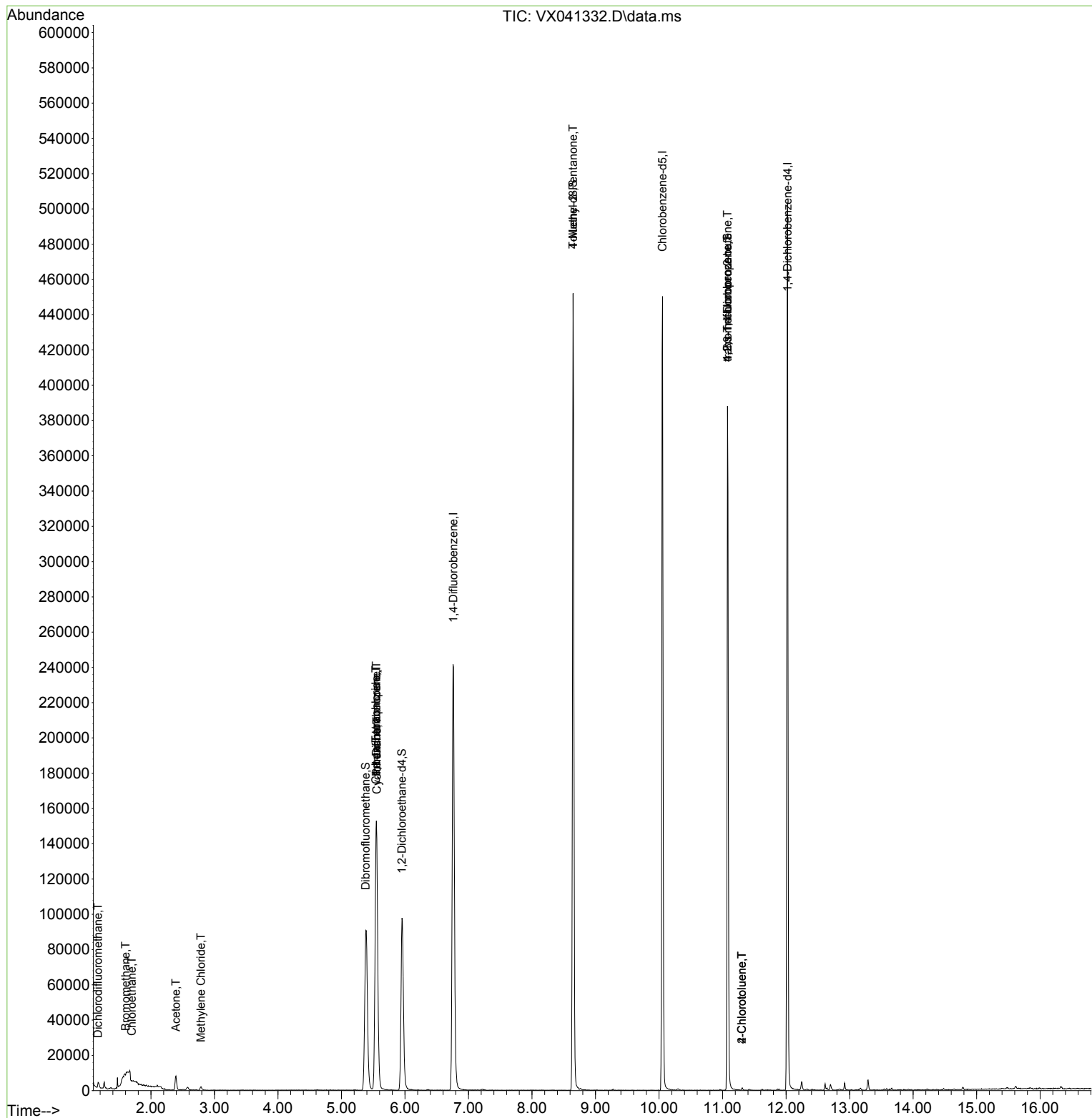
Internal Standards						
1) Pentafluorobenzene	5.550	168	165301	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	259301	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97930	54.420	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.840%	
35) Dibromofluoromethane	5.379	113	79962	45.505	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.020%	
50) Toluene-d8	8.647	98	262744	47.242	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.480%	
62) 4-Bromofluorobenzene	11.079	95	95736	44.467	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.940%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2148	1.581	ug/l	93
5) Bromomethane	1.599	94	188	0.224	ug/l	99
6) Chloroethane	1.697	64	1286	2.067	ug/l	# 43
16) Acetone	2.392	43	9152	7.759	ug/l	95
20) Methylene Chloride	2.788	84	943	0.604	ug/l	90
31) Cyclohexane	5.556	56	2925	1.347	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	10363	4.932	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	13833	5.747	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.647	43	1114	0.471	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	49709	25.861	ug/l	# 38
79) 2-Chlorotoluene	11.305	91	1270	0.261	ug/l	# 42
81) trans-1,4-Dichloro-2-b...	11.079	75	49709	70.443	ug/l	# 5
82) 4-Chlorotoluene	11.305	91	1270	0.230	ug/l	# 46

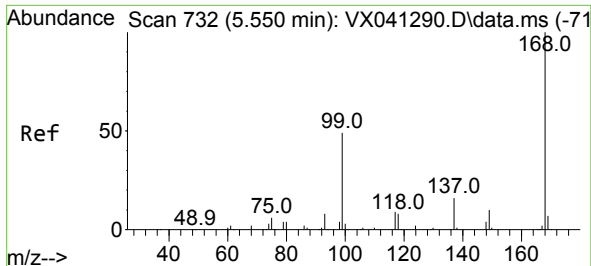
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
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MSVOA_X
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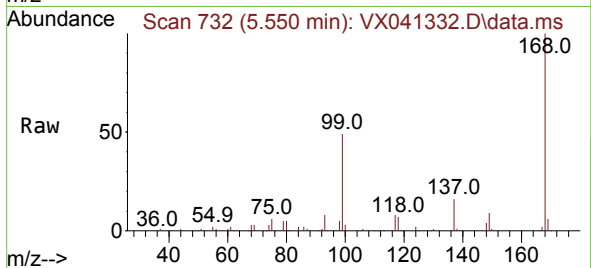
Quant Time: May 02 03:14:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration



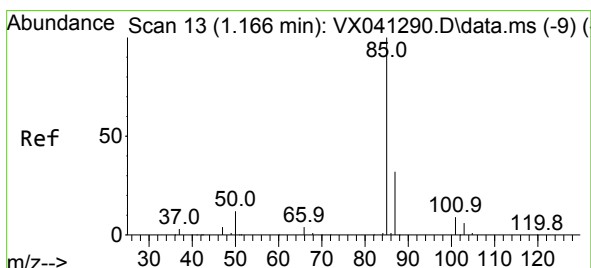
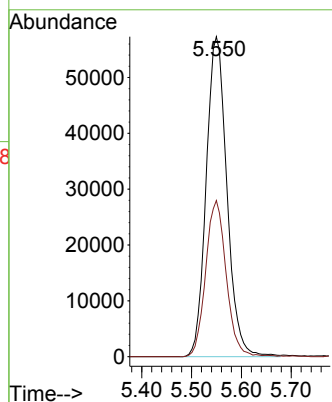
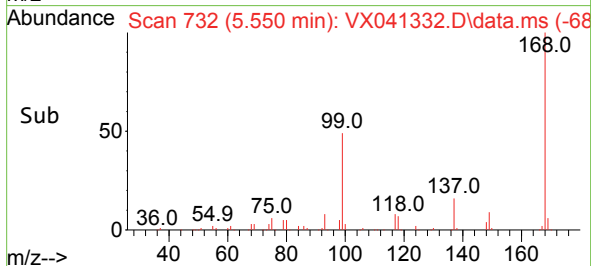


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041332.D
Acq: 01 May 2024 17:26

Instrument :
MSVOA_X
ClientSampleId :

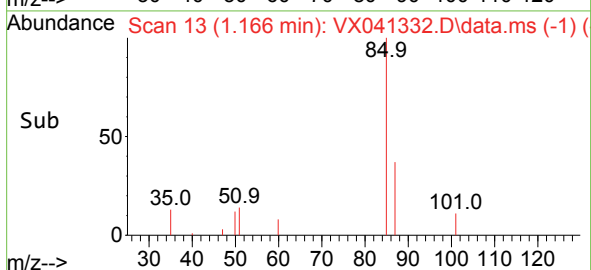
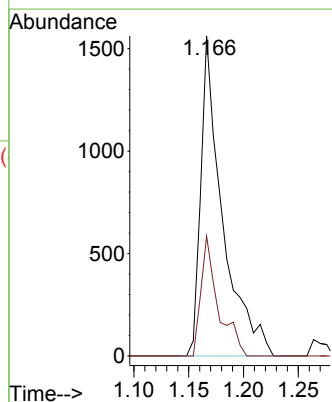
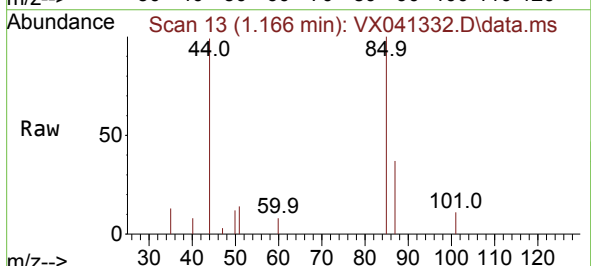


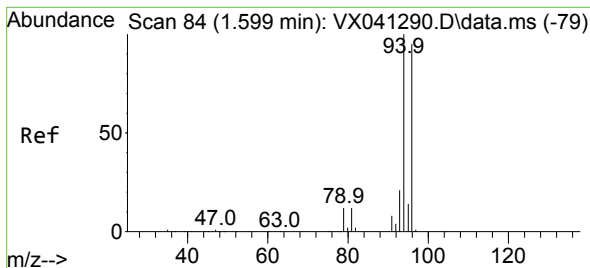
Tgt Ion:168 Resp: 165301
Ion Ratio Lower Upper
168 100
99 48.8 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 1.581 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041332.D
Acq: 01 May 2024 17:26

Tgt Ion: 85 Resp: 2148
Ion Ratio Lower Upper
85 100
87 37.5 16.7 50.1





#5

Bromomethane

Concen: 0.224 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041332.D

Acq: 01 May 2024 17:26

Instrument :

MSVOA_X

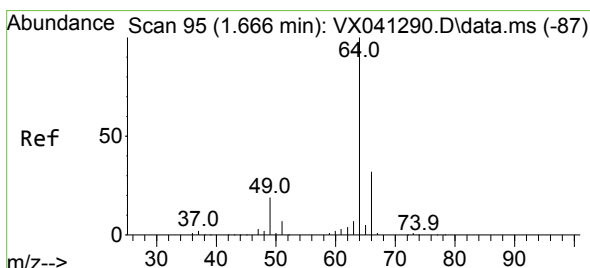
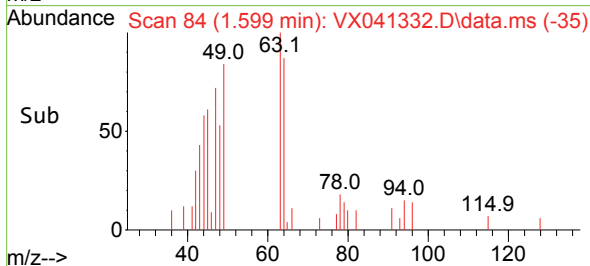
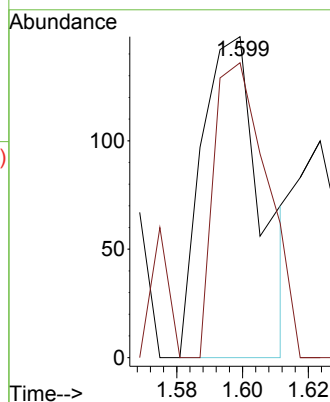
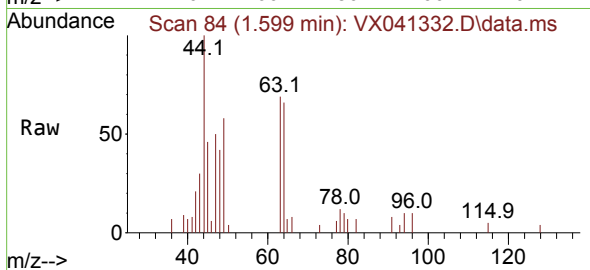
ClientSampleId :

Tgt Ion: 94 Resp: 188

Ion Ratio Lower Upper

94 100

96 91.9 74.6 111.8



#6

Chloroethane

Concen: 2.067 ug/l

RT: 1.697 min Scan# 100

Delta R.T. 0.031 min

Lab File: VX041332.D

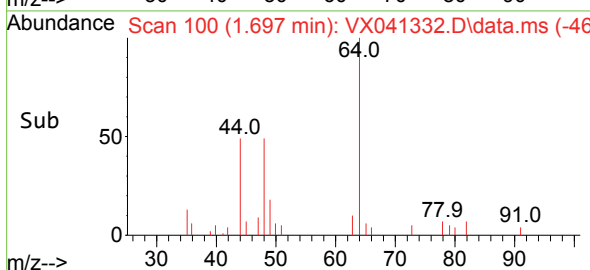
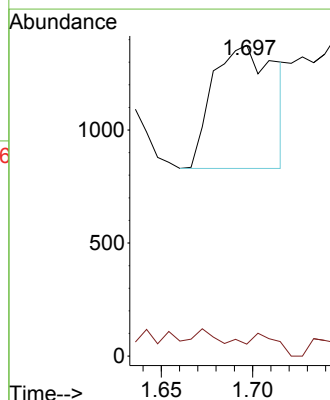
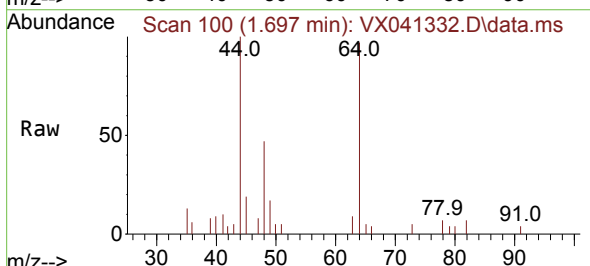
Acq: 01 May 2024 17:26

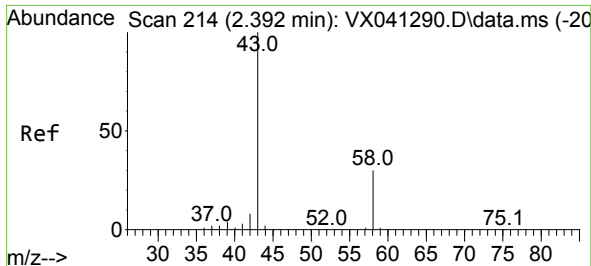
Tgt Ion: 64 Resp: 1286

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#





#16

Acetone

Concen: 7.759 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041332.D

Acq: 01 May 2024 17:26

Instrument :

MSVOA_X

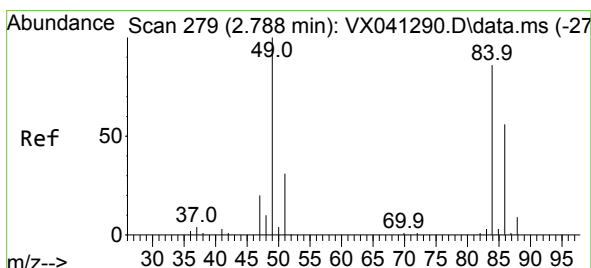
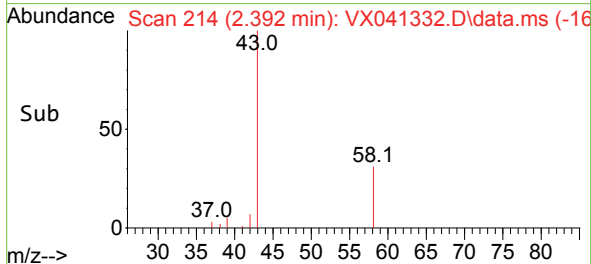
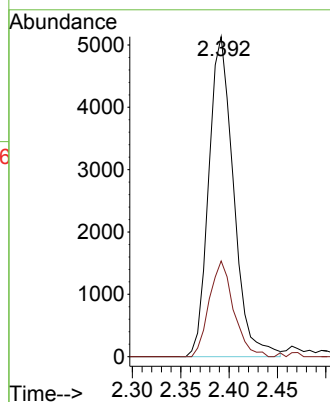
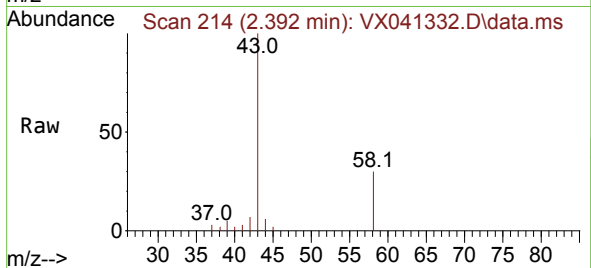
ClientSampleId :

Tgt Ion: 43 Resp: 9152

Ion Ratio Lower Upper

43 100

58 29.9 21.9 32.9



#20

Methylene Chloride

Concen: 0.604 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX041332.D

Acq: 01 May 2024 17:26

Tgt Ion: 84 Resp: 943

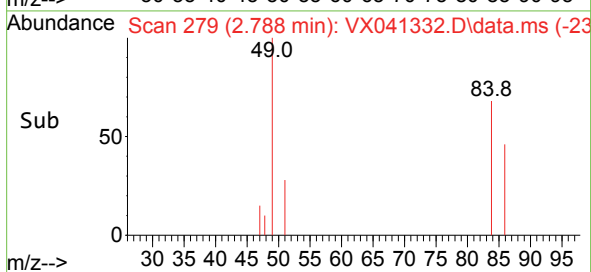
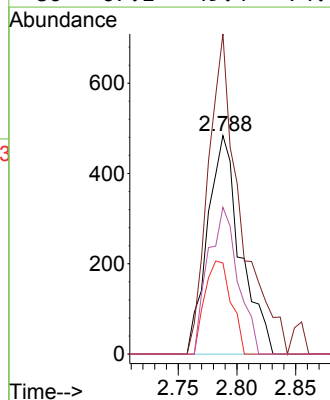
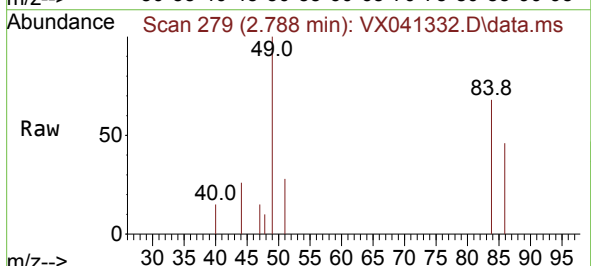
Ion Ratio Lower Upper

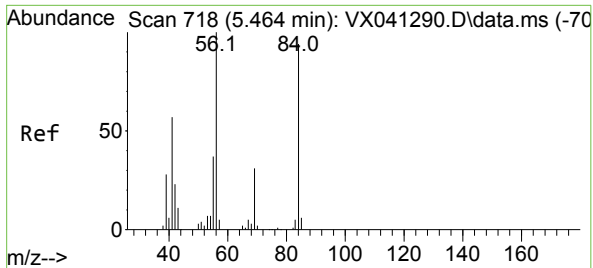
84 100

49 146.5 103.6 155.4

51 41.7 33.8 50.6

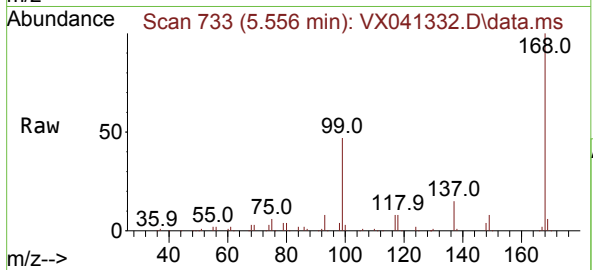
86 67.1 49.4 74.0



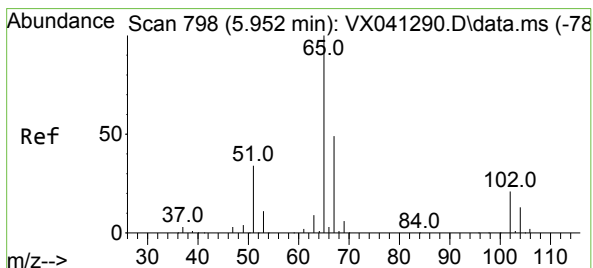
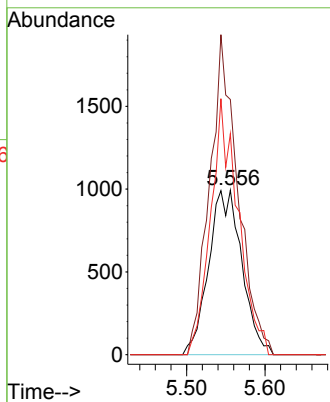
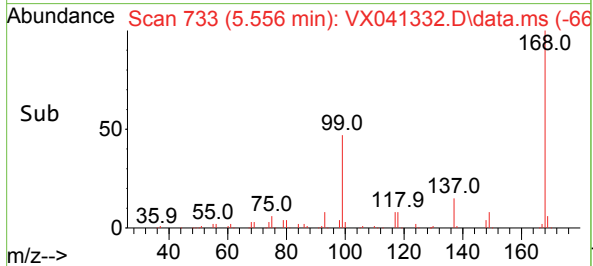


#31
Cyclohexane
Concen: 1.347 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX041332.D
Acq: 01 May 2024 17:26

Instrument :
MSVOA_X
ClientSampleId :

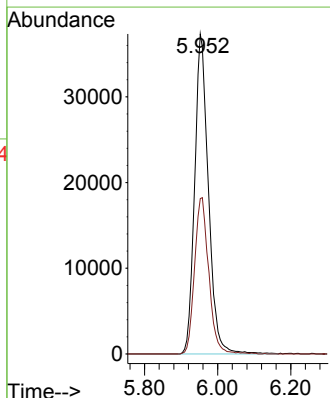
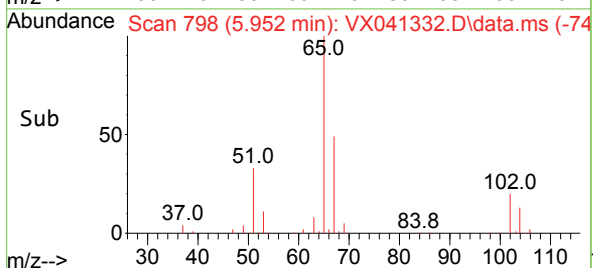
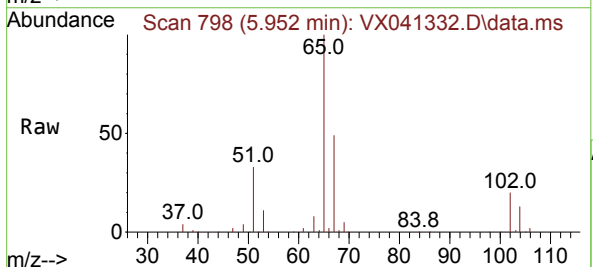


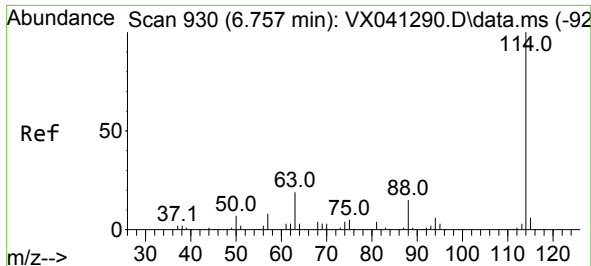
Tgt Ion: 56 Resp: 2925
Ion Ratio Lower Upper
56 100
69 155.1 23.4 35.2#
84 134.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 54.420 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041332.D
Acq: 01 May 2024 17:26

Tgt Ion: 65 Resp: 97930
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

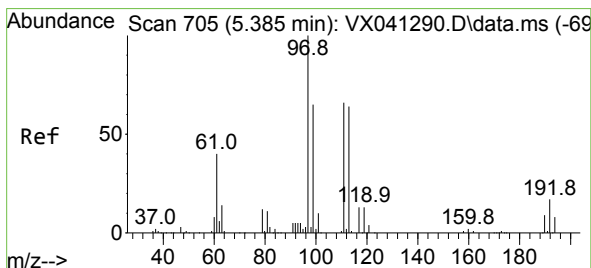
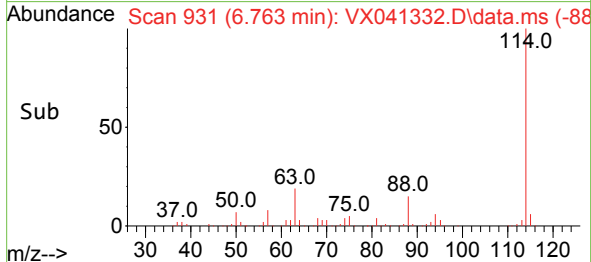
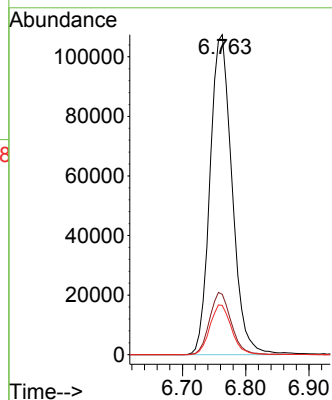
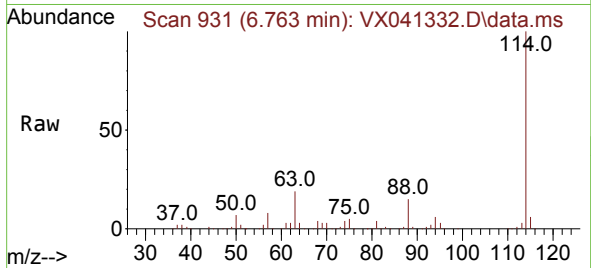




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041332.D
Acq: 01 May 2024 17:26

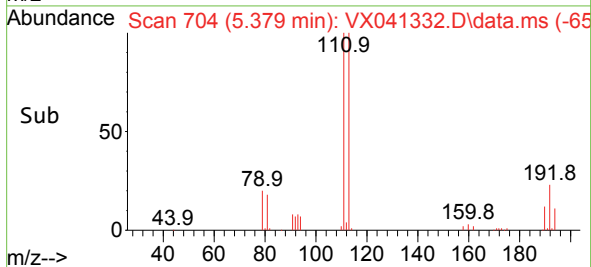
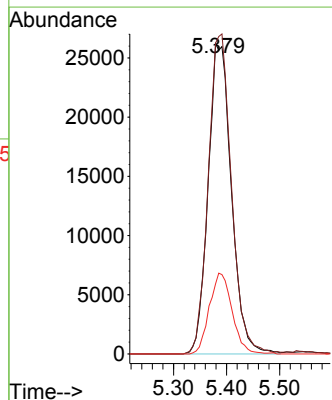
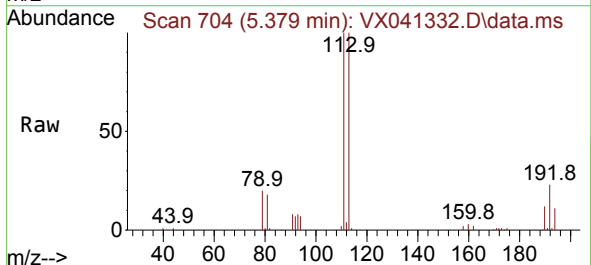
Instrument :
MSVOA_X
ClientSampleId :

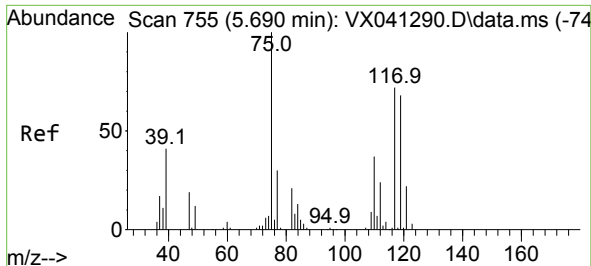
Tgt Ion:114 Resp: 259301
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.505 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041332.D
Acq: 01 May 2024 17:26

Tgt Ion:113 Resp: 79962
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 25.5 13.3 19.9#

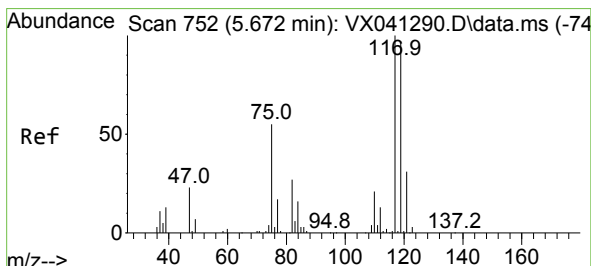
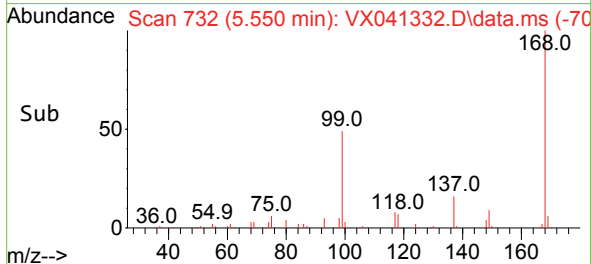
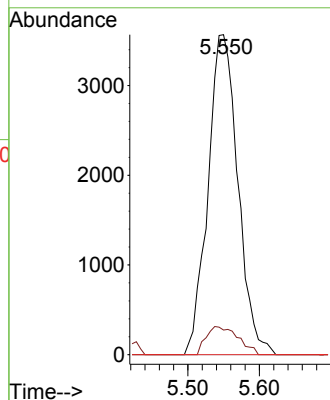
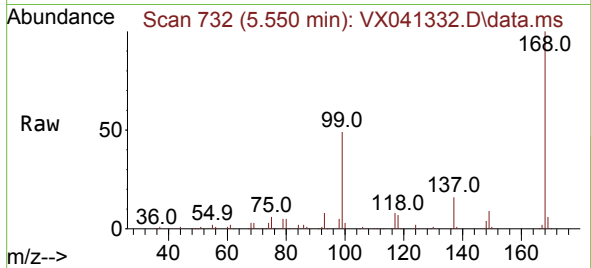




#36
1,1-Dichloropropene
Concen: 4.932 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX041332.D
Acq: 01 May 2024 17:26

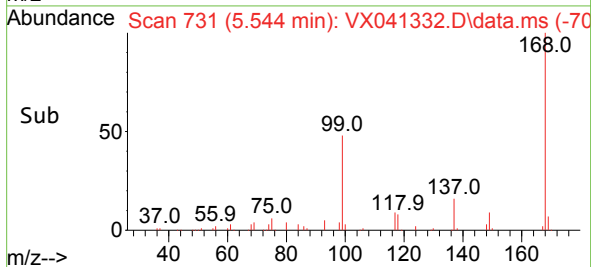
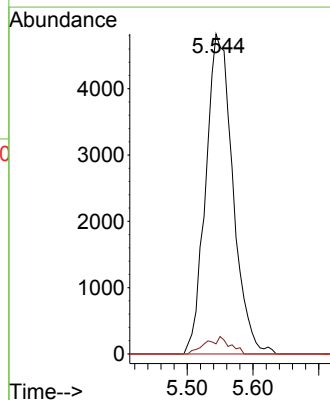
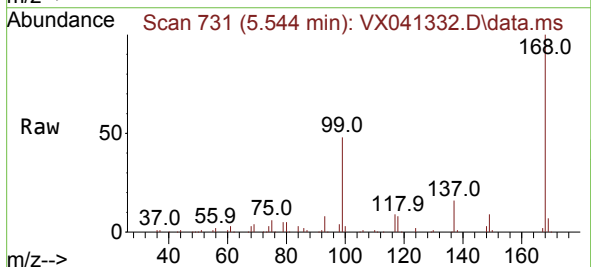
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MSVOA_X
ClientSampleId :

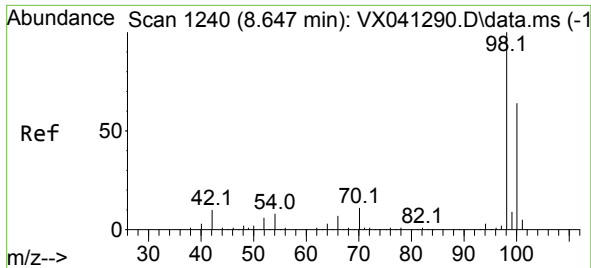
Tgt Ion: 75 Resp: 10363
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.747 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX041332.D
Acq: 01 May 2024 17:26

Tgt Ion: 117 Resp: 13833
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#

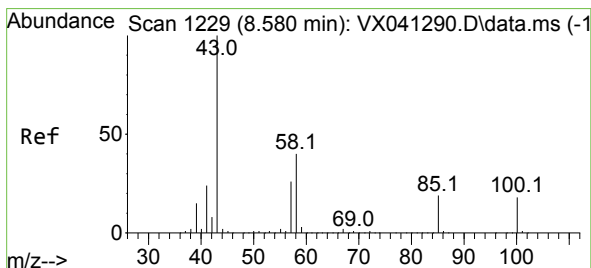
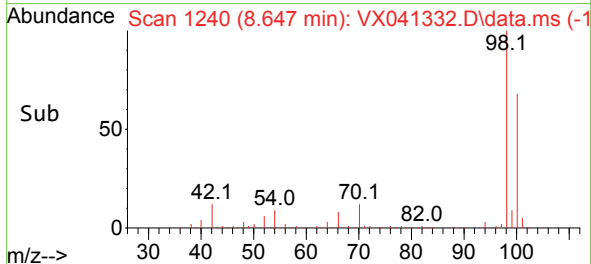
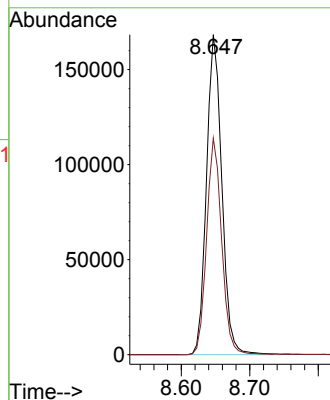
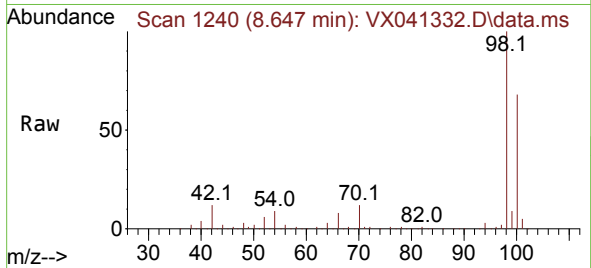




#50
Toluene-d8
Concen: 47.242 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041332.D
Acq: 01 May 2024 17:26

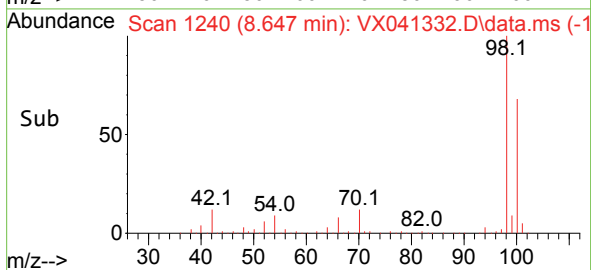
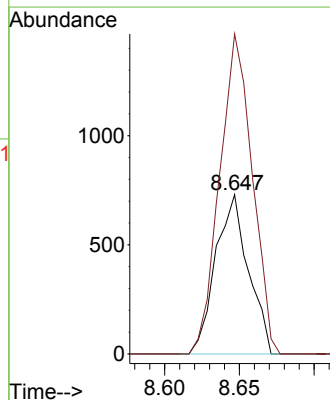
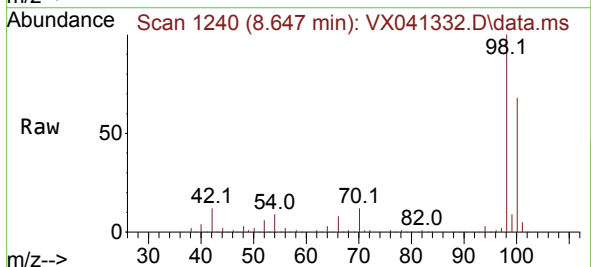
Instrument :
MSVOA_X
ClientSampleId :

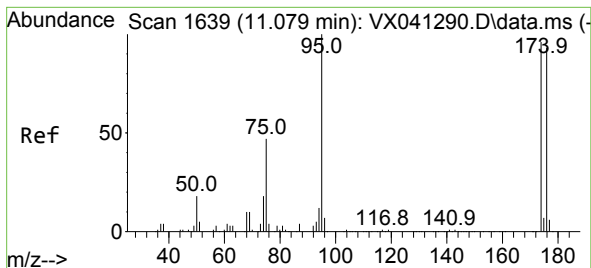
Tgt Ion: 98 Resp: 262744
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.471 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041332.D
Acq: 01 May 2024 17:26

Tgt Ion: 43 Resp: 1114
Ion Ratio Lower Upper
43 100
58 200.2 30.4 45.6#

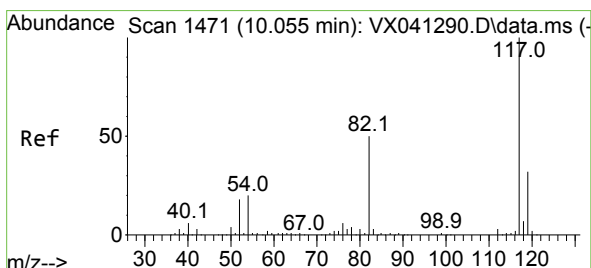
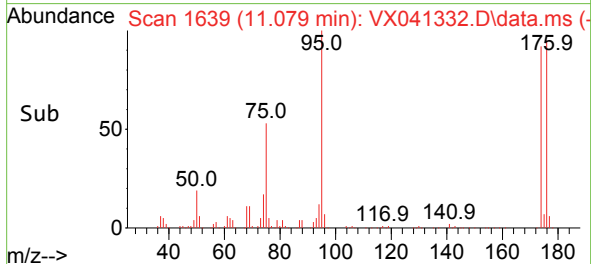
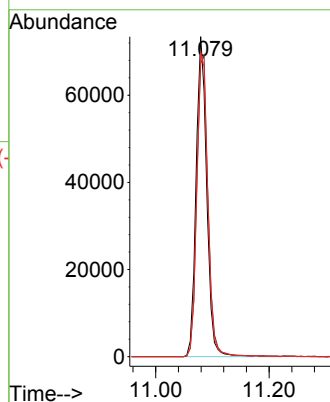
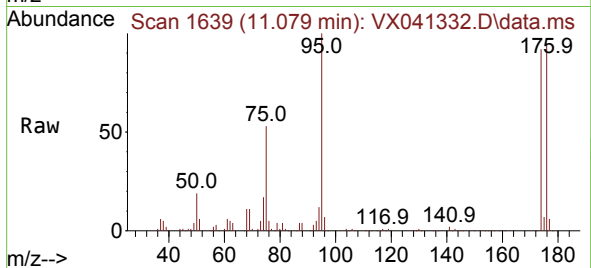




#62
4-Bromofluorobenzene
Concen: 44.467 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041332.D
Acq: 01 May 2024 17:26

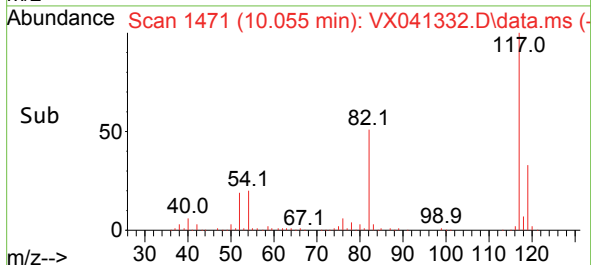
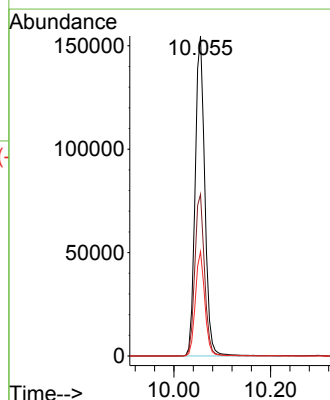
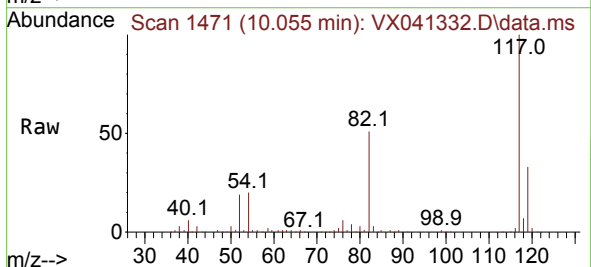
Instrument :
MSVOA_X
ClientSampleId :

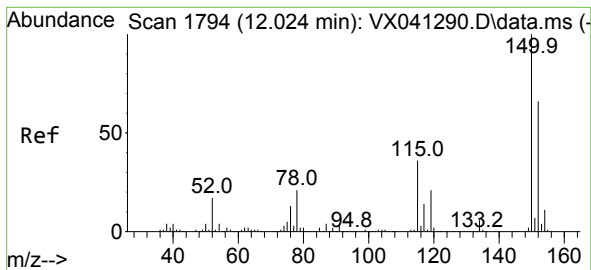
Tgt Ion: 95 Resp: 95736
Ion Ratio Lower Upper
95 100
174 99.6 0.0 135.6
176 97.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041332.D
Acq: 01 May 2024 17:26

Tgt Ion: 117 Resp: 213606
Ion Ratio Lower Upper
117 100
82 50.5 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# 1

Delta R.T. 0.000 min

Lab File: VX041332.D

Acq: 01 May 2024 17:26

Instrument :

MSVOA_X

ClientSampleId :

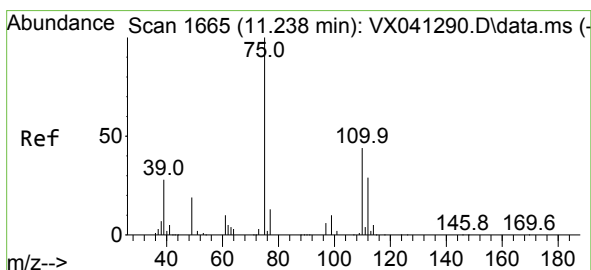
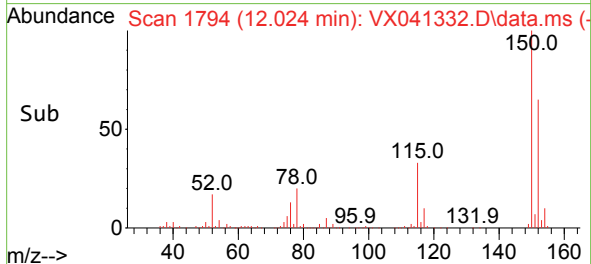
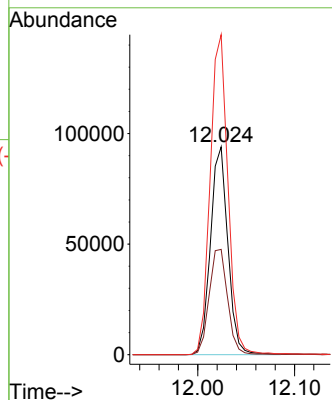
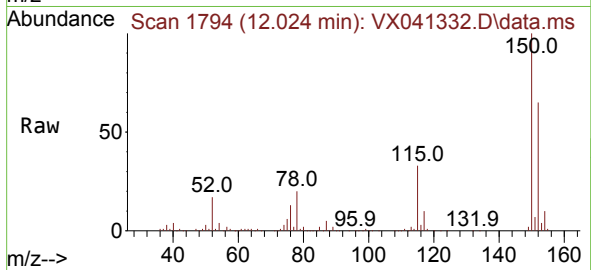
Tgt Ion:152 Resp: 117946

Ion Ratio Lower Upper

152 100

115 53.7 43.3 129.9

150 157.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.861 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041332.D

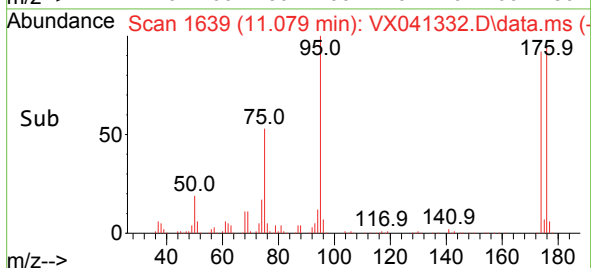
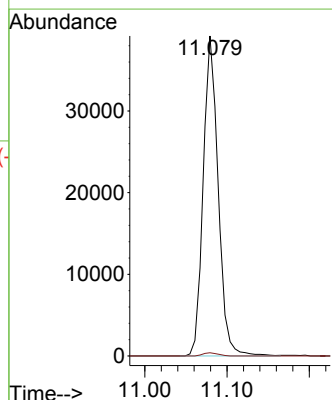
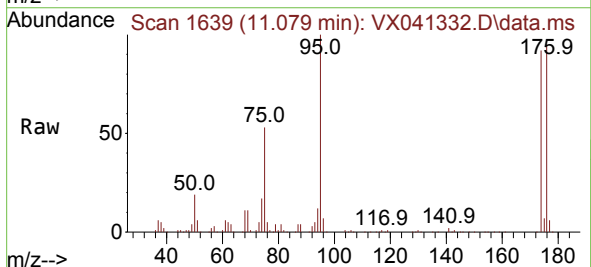
Acq: 01 May 2024 17:26

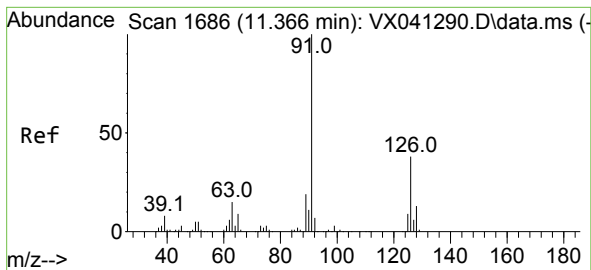
Tgt Ion: 75 Resp: 49709

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

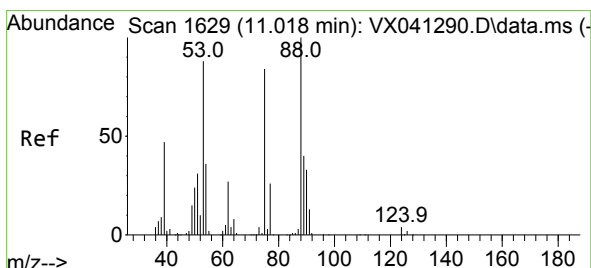
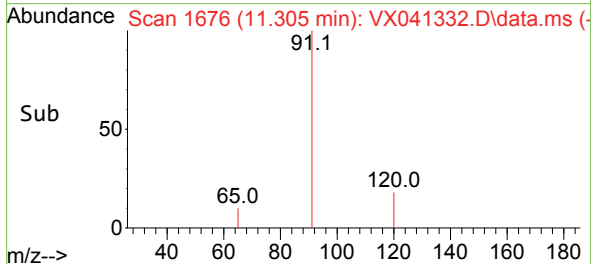
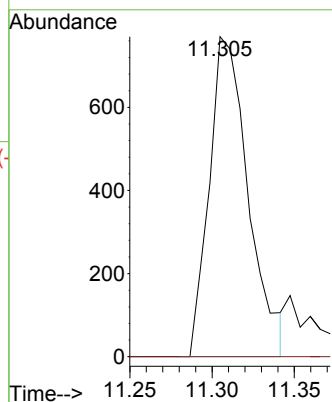
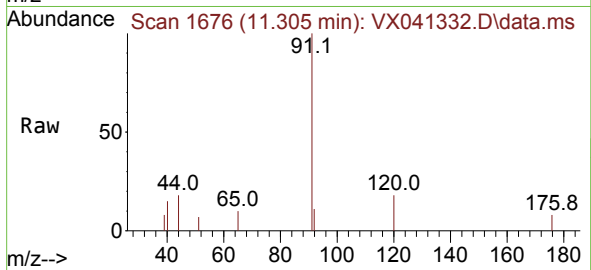




#79
2-Chlorotoluene
Concen: 0.261 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.061 min
Lab File: VX041332.D
Acq: 01 May 2024 17:26

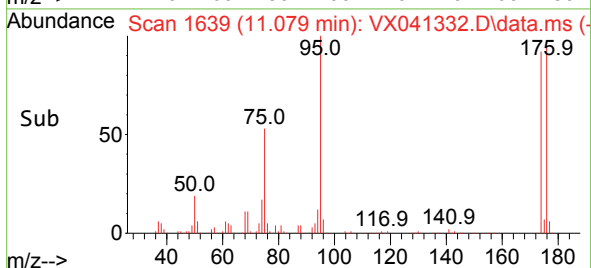
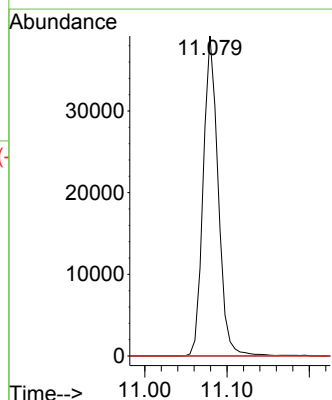
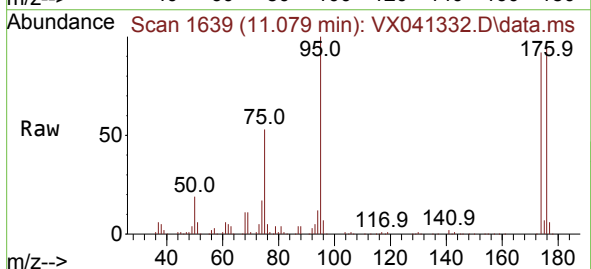
Instrument :
MSVOA_X
ClientSampleId :

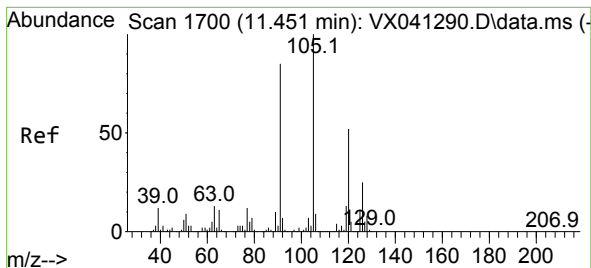
Tgt Ion: 91 Resp: 1270
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.443 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041332.D
Acq: 01 May 2024 17:26

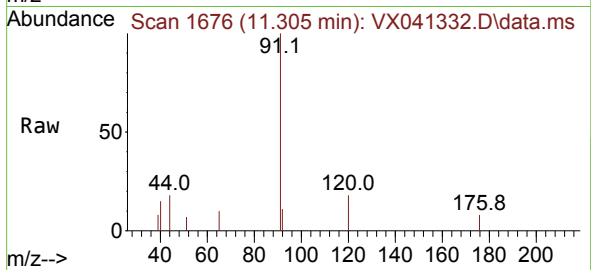
Tgt Ion: 75 Resp: 49709
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#82
 4-Chlorotoluene
 Concen: 0.230 ug/l
 RT: 11.305 min Scan# 1
 Delta R.T. -0.146 min
 Lab File: VX041332.D
 Acq: 01 May 2024 17:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 91 Resp: 1270
 Ion Ratio Lower Upper
 91 100
 126 0.0 14.2 42.6#

