

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
 Data File : VX041456.D
 Acq On : 10 May 2024 14:04
 Operator : JC/MD
 Sample : VX0511WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 11 01:33:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

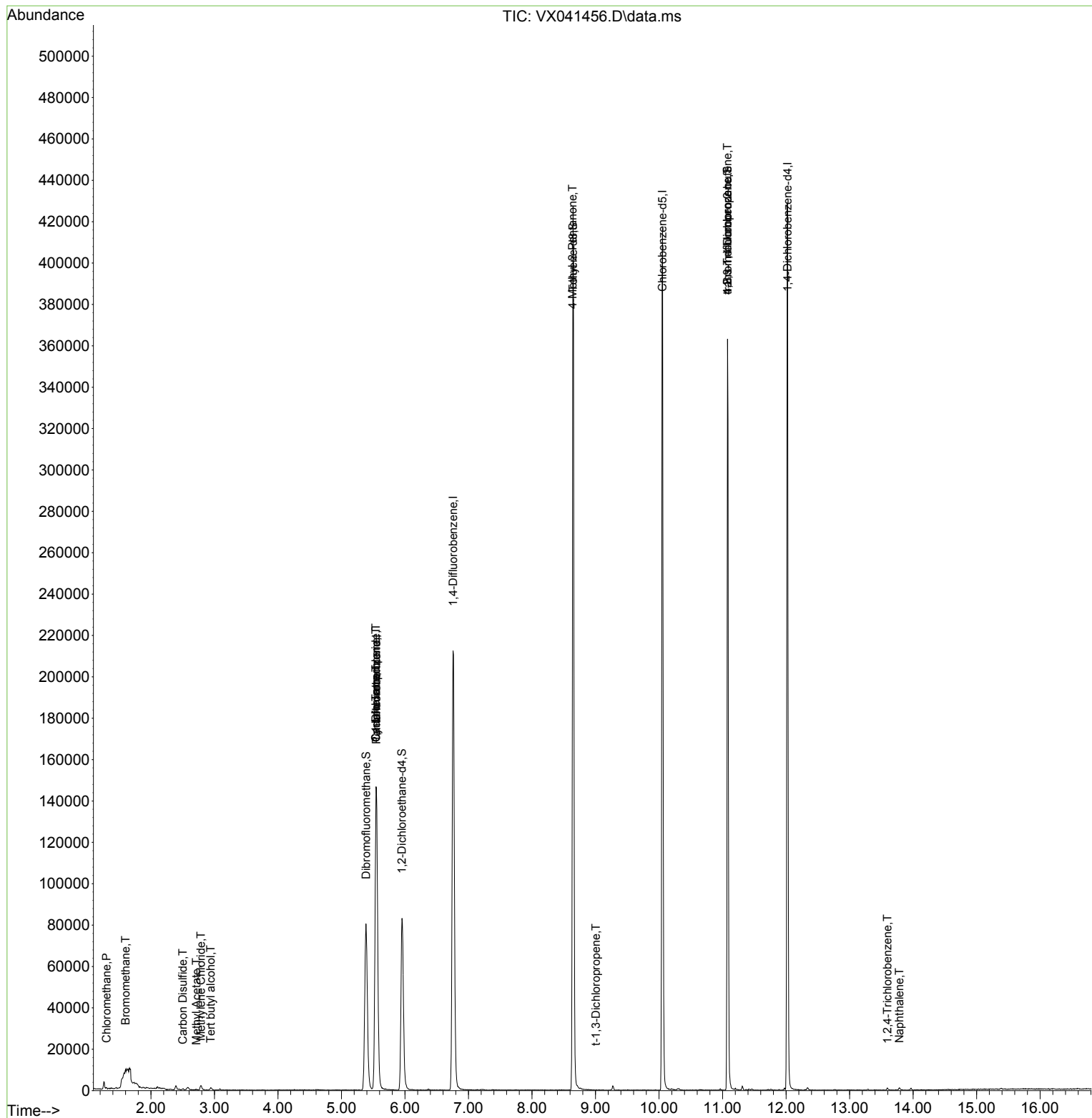
Internal Standards						
1) Pentafluorobenzene	5.550	168	157548	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	230649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84461	49.245	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.480%
35) Dibromofluoromethane	5.385	113	69490	44.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.920%
50) Toluene-d8	8.647	98	256095	51.766	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.540%
62) 4-Bromofluorobenzene	11.079	95	90225	47.113	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.220%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	353	0.264	ug/l	97
5) Bromomethane	1.599	94	711	0.888	ug/l	99
11) Tert butyl alcohol	2.941	59	723	2.106	ug/l	# 78
16) Acetone	2.392	43	2323	Below Cal		91
17) Carbon Disulfide	2.502	76	723	0.252	ug/l	# 76
18) Methyl Acetate	2.715	43	418	0.238	ug/l	# 53
20) Methylene Chloride	2.788	84	1170	0.786	ug/l	93
31) Cyclohexane	5.544	56	2861	1.382	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	10247	5.483	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	13796	6.443	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.641	43	1207	0.574	ug/l	# 1
53) t-1,3-Dichloropropene	9.007	75	22	2.451	ug/l	# 43
76) 1,2,3-Trichloropropane	11.079	75	46160	28.389	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	46160	77.328	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.597	180	465	0.202	ug/l	80
95) Naphthalene	13.786	128	1531	0.224	ug/l	# 86

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

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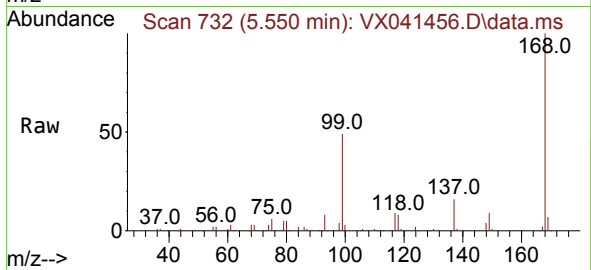
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



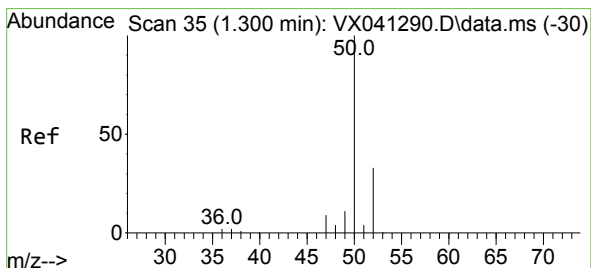
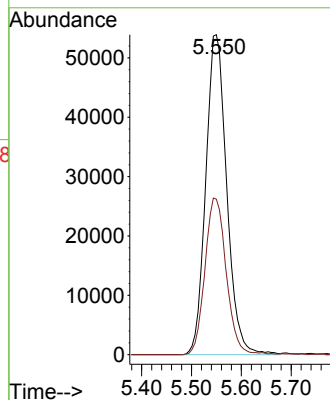
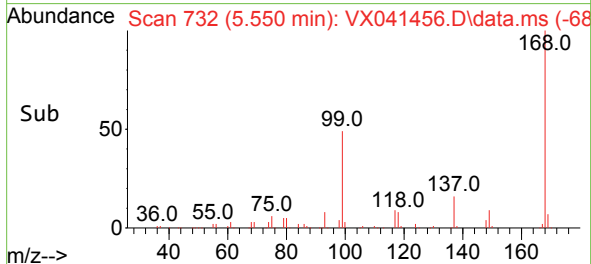


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041456.D
Acq: 10 May 2024 14:04

Instrument :
MSVOA_X
ClientSampleId :

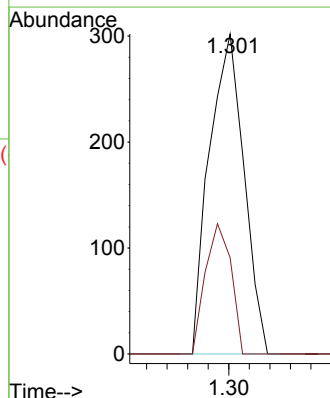
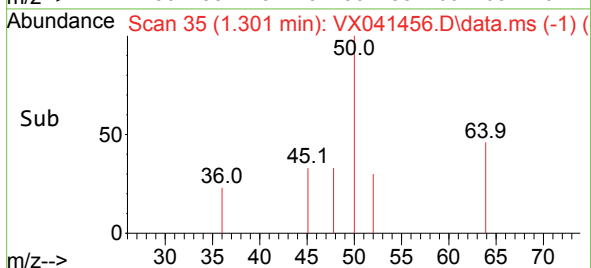
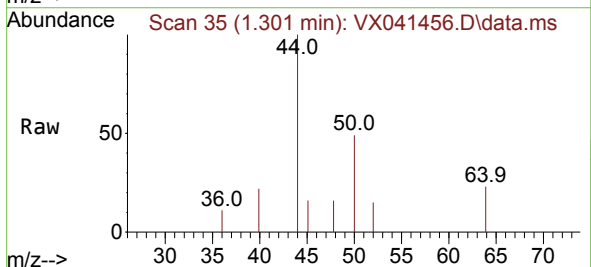


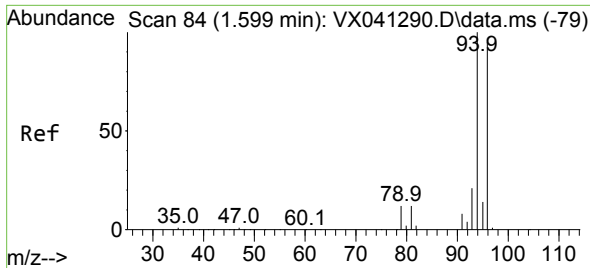
Tgt Ion:168 Resp: 157548
Ion Ratio Lower Upper
168 100
99 48.6 56.6 85.0#



#3
Chloromethane
Concen: 0.264 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041456.D
Acq: 10 May 2024 14:04

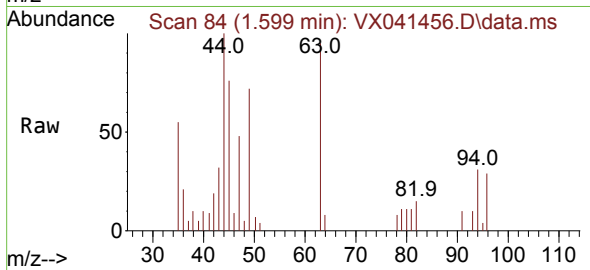
Tgt Ion: 50 Resp: 353
Ion Ratio Lower Upper
50 100
52 30.1 25.5 38.3



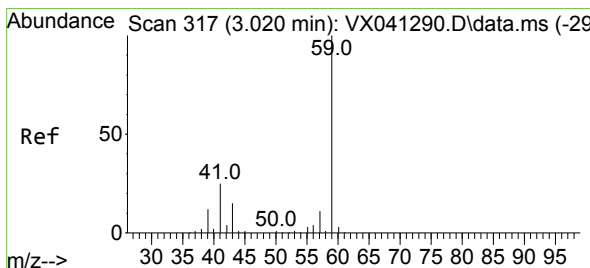
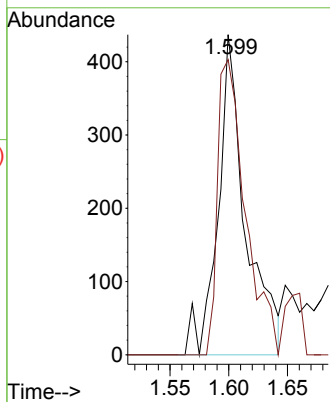
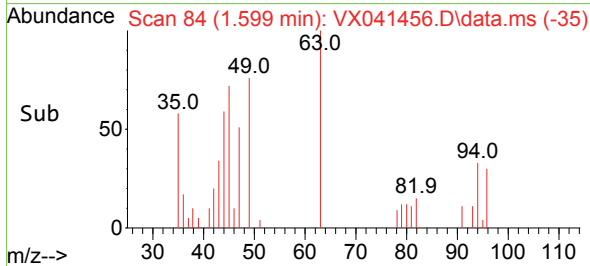


#5
Bromomethane
Concen: 0.888 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041456.D
Acq: 10 May 2024 14:04

Instrument :
MSVOA_X
ClientSampleId :

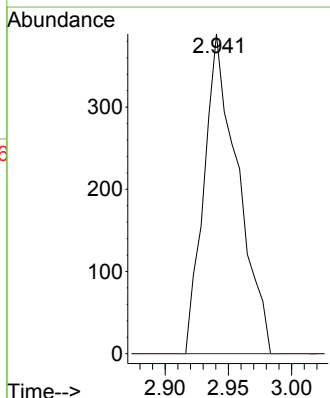
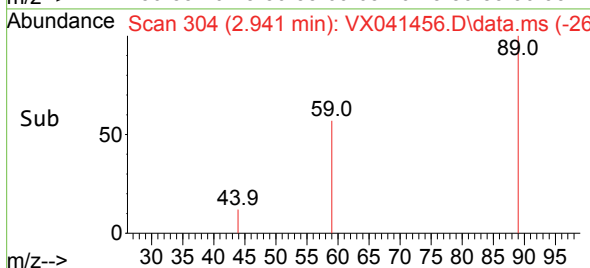
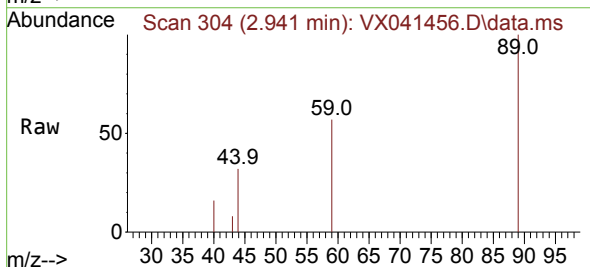


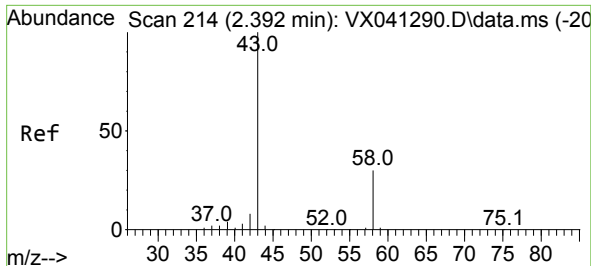
Tgt Ion: 94 Resp: 711
Ion Ratio Lower Upper
94 100
96 92.2 74.6 111.8



#11
Tert butyl alcohol
Concen: 2.106 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX041456.D
Acq: 10 May 2024 14:04

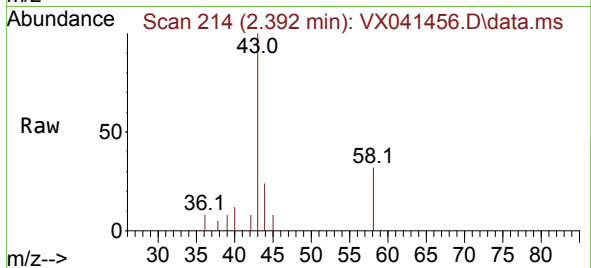
Tgt Ion: 59 Resp: 723
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



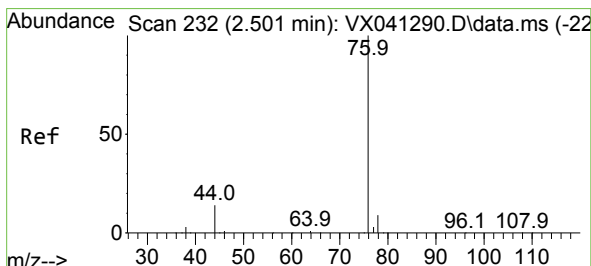
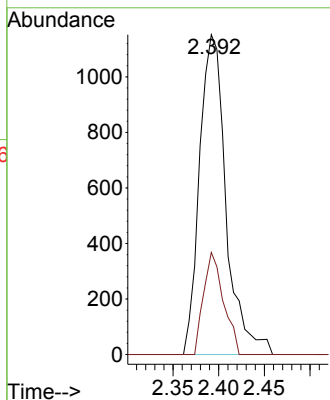
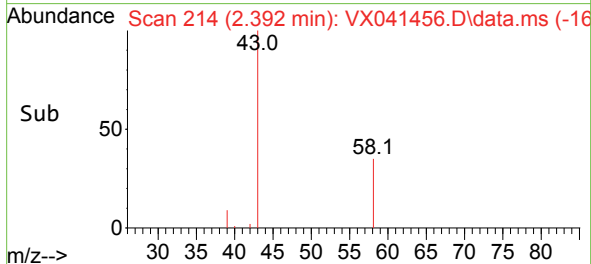


#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041456.D
Acq: 10 May 2024 14:04

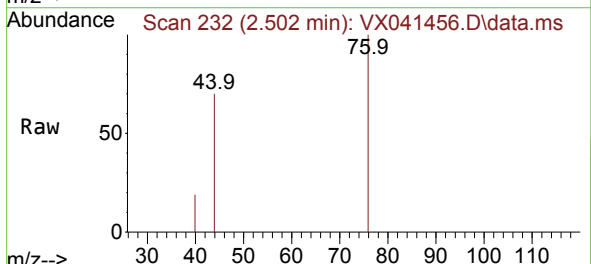
Instrument :
MSVOA_X
ClientSampleId :



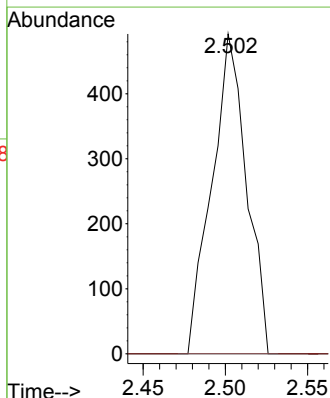
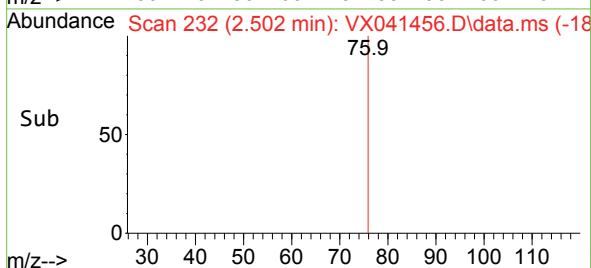
Tgt Ion: 43 Resp: 2323
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9

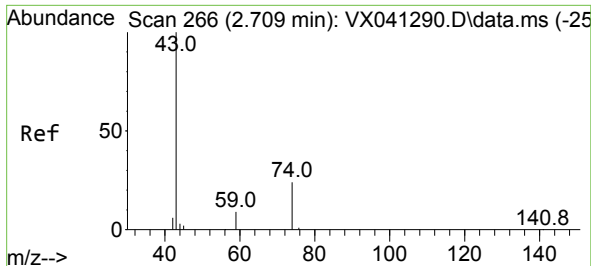


#17
Carbon Disulfide
Concen: 0.252 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.001 min
Lab File: VX041456.D
Acq: 10 May 2024 14:04



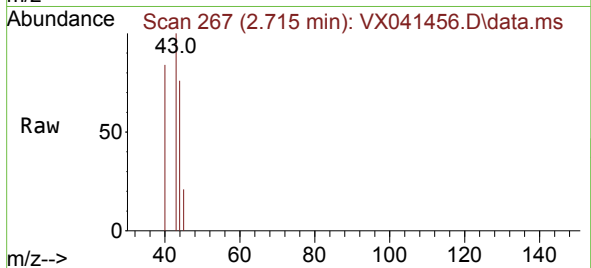
Tgt Ion: 76 Resp: 723
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



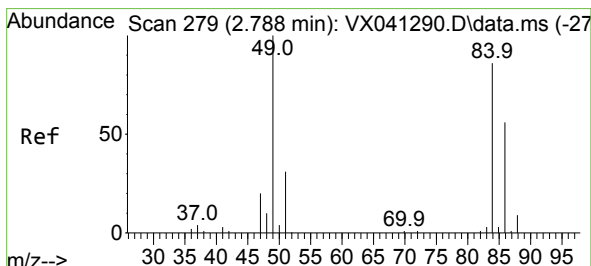
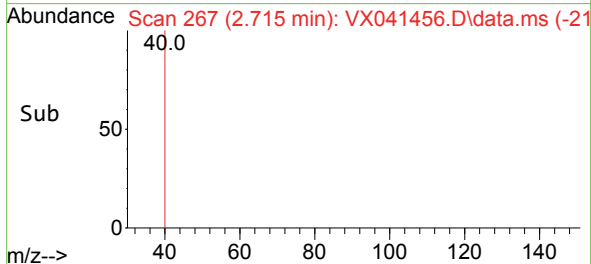
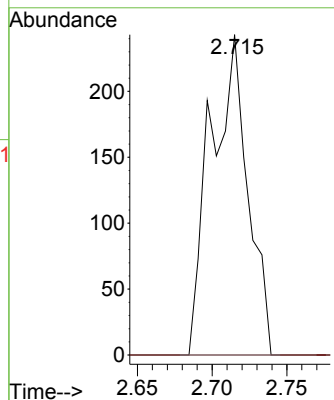


#18
Methyl Acetate
Concen: 0.238 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041456.D
Acq: 10 May 2024 14:04

Instrument :
MSVOA_X
ClientSampleId :

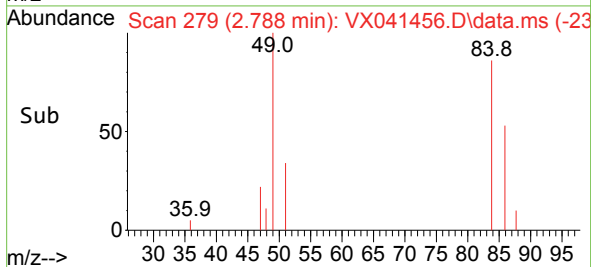
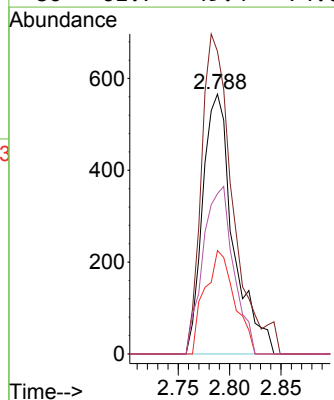
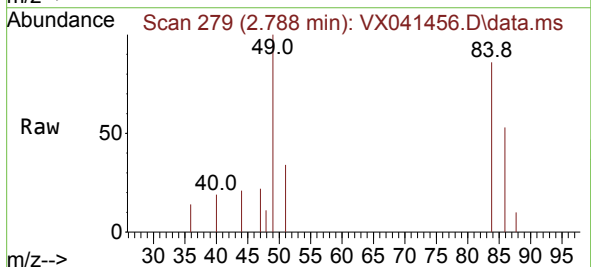


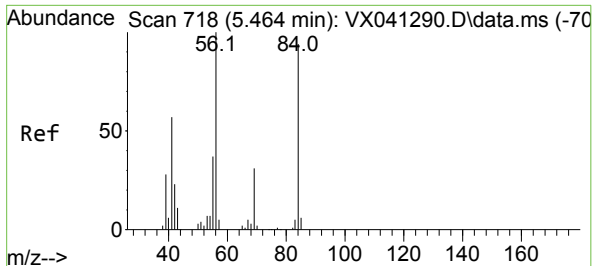
Tgt Ion: 43 Resp: 418
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.786 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041456.D
Acq: 10 May 2024 14:04

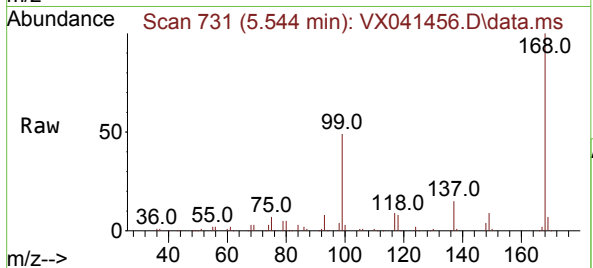
Tgt Ion: 84 Resp: 1170
Ion Ratio Lower Upper
84 100
49 116.4 103.6 155.4
51 39.8 33.8 50.6
86 61.7 49.4 74.0



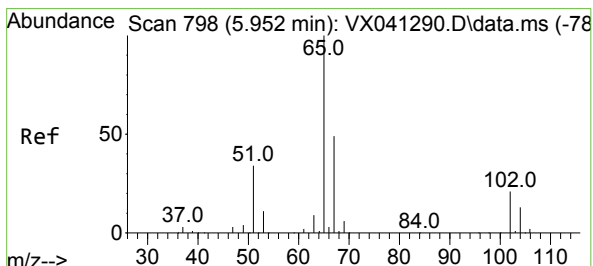
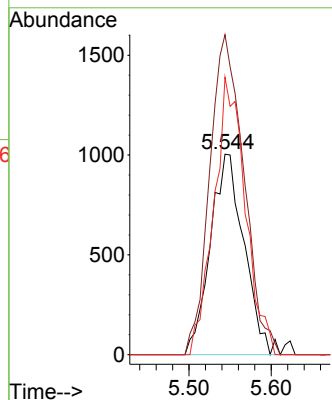
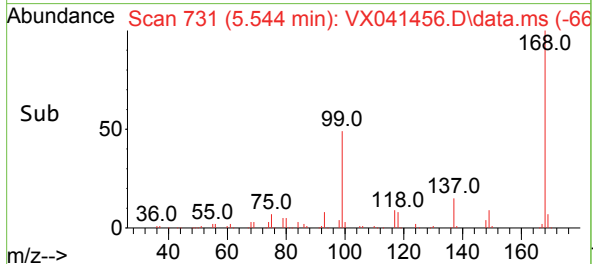


#31
Cyclohexane
Concen: 1.382 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041456.D
Acq: 10 May 2024 14:04

Instrument :
MSVOA_X
ClientSampleId :

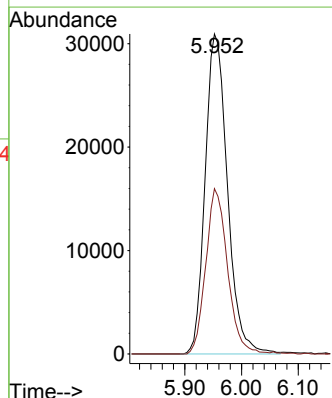
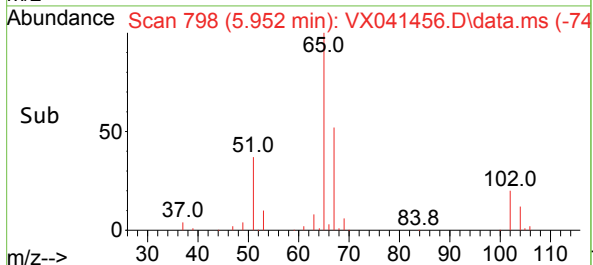
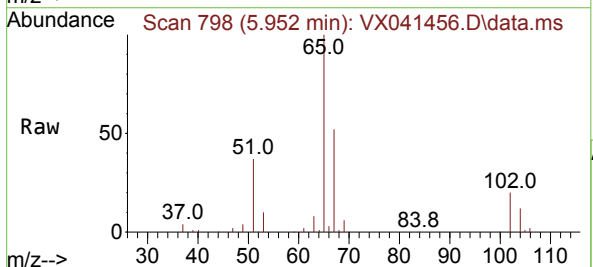


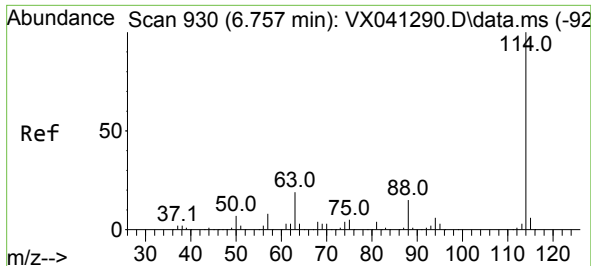
Tgt Ion: 56 Resp: 2861
Ion Ratio Lower Upper
56 100
69 159.7 23.4 35.2#
84 138.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.245 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041456.D
Acq: 10 May 2024 14:04

Tgt Ion: 65 Resp: 84461
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2

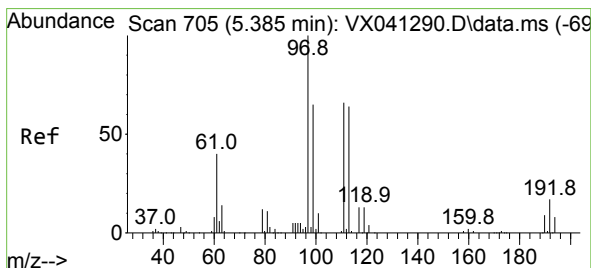
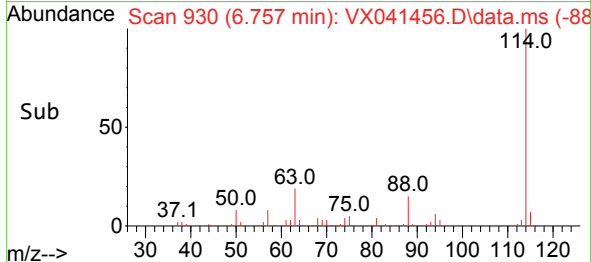
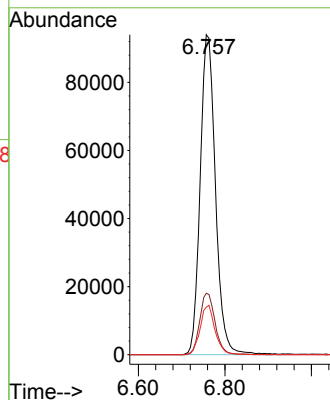
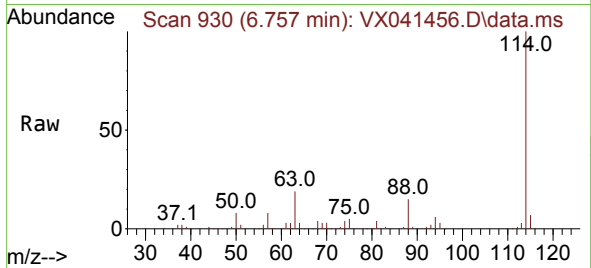




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041456.D
Acq: 10 May 2024 14:04

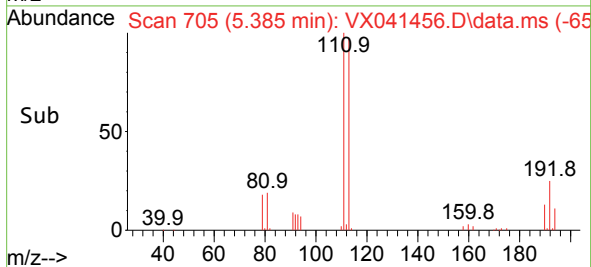
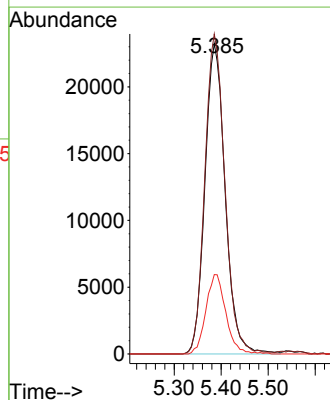
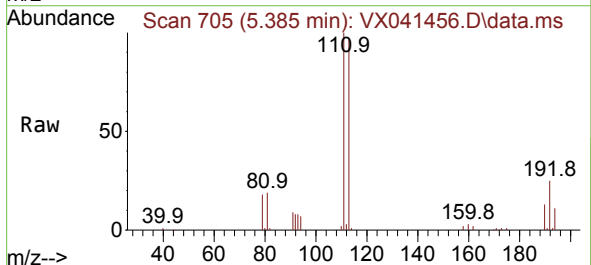
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MSVOA_X
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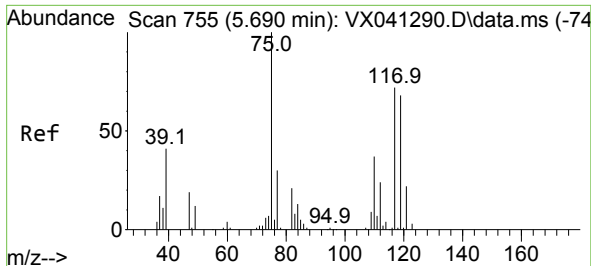
Tgt Ion:114 Resp: 230649
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.458 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041456.D
Acq: 10 May 2024 14:04

Tgt Ion:113 Resp: 69490
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 25.2 13.3 19.9#

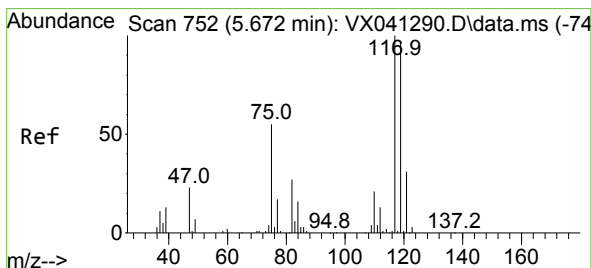
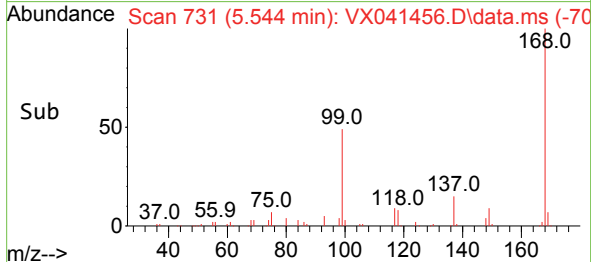
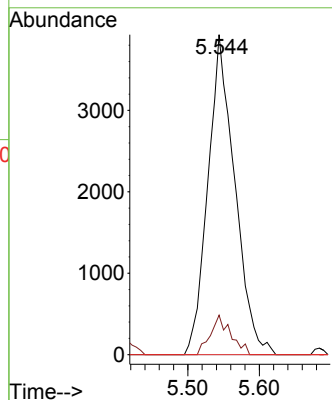
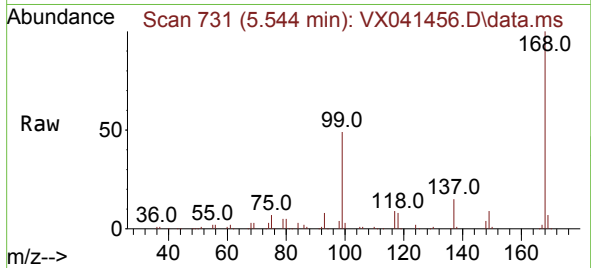




#36
1,1-Dichloropropene
Concen: 5.483 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX041456.D
Acq: 10 May 2024 14:04

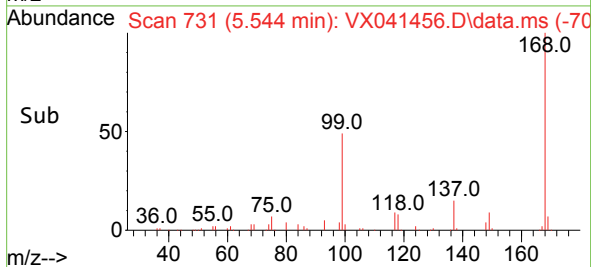
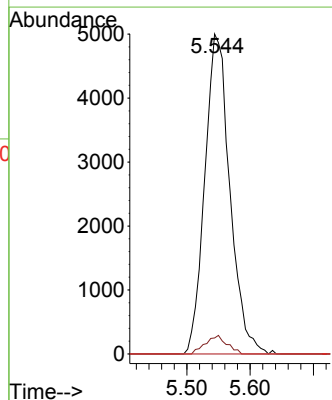
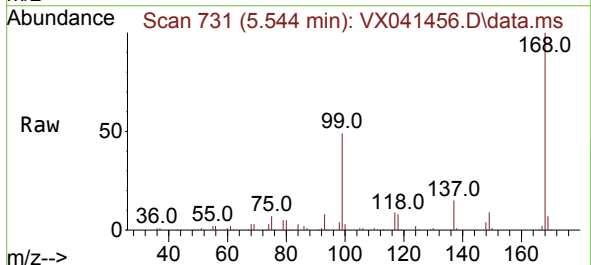
Instrument :
MSVOA_X
ClientSampleId :

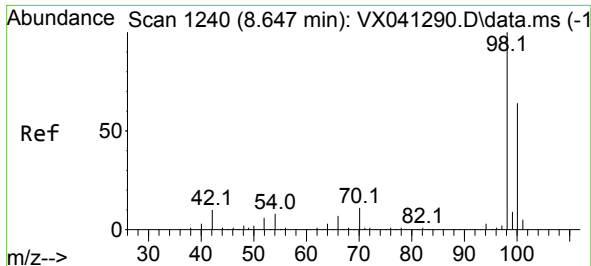
Tgt Ion: 75 Resp: 10247
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.443 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX041456.D
Acq: 10 May 2024 14:04

Tgt Ion: 117 Resp: 13796
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#

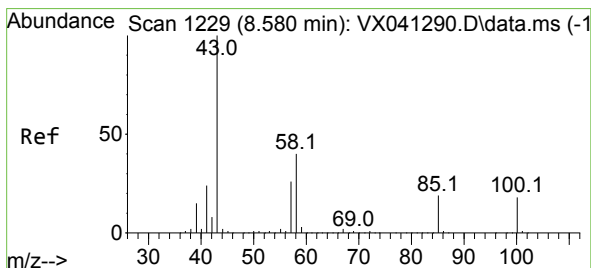
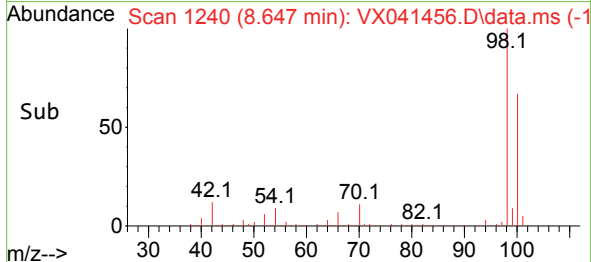
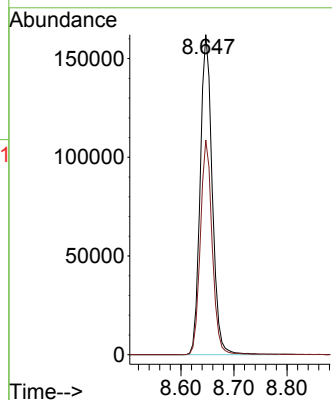
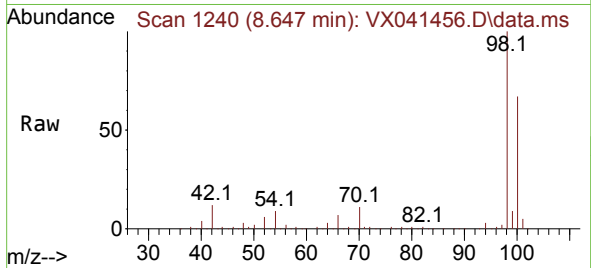




#50
Toluene-d8
Concen: 51.766 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041456.D
Acq: 10 May 2024 14:04

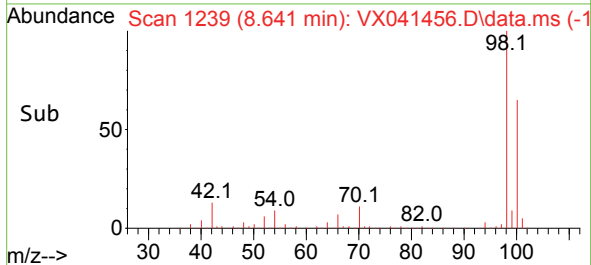
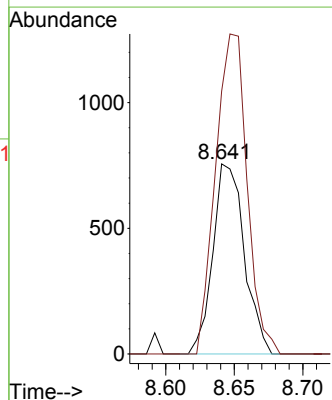
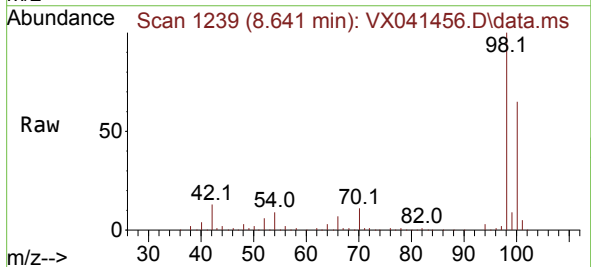
Instrument :
MSVOA_X
ClientSampleId :

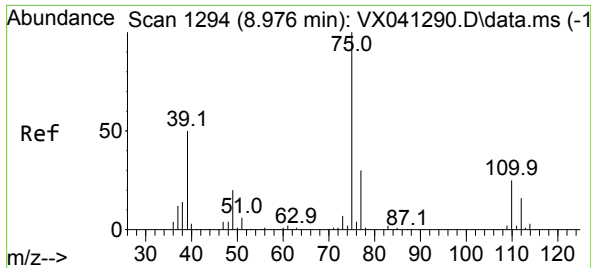
Tgt Ion: 98 Resp: 256095
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.574 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.061 min
Lab File: VX041456.D
Acq: 10 May 2024 14:04

Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
58 169.2 30.4 45.6#

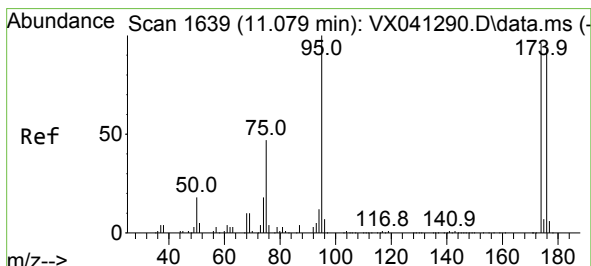
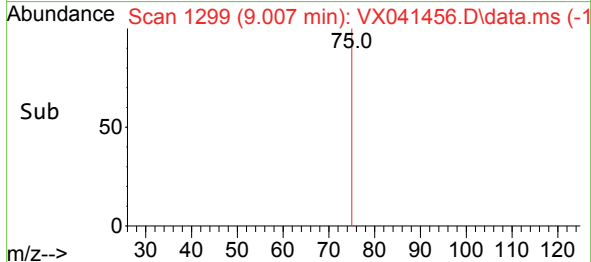
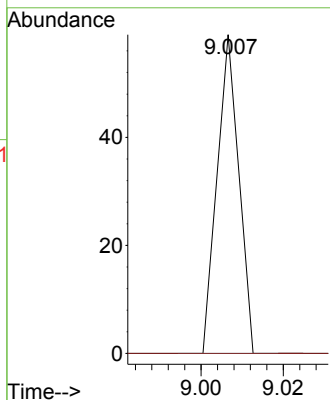
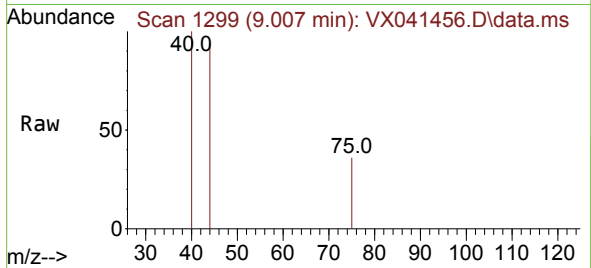




#53
 t-1,3-Dichloropropene
 Concen: 2.451 ug/l
 RT: 9.007 min Scan# 11
 Delta R.T. 0.031 min
 Lab File: VX041456.D
 Acq: 10 May 2024 14:04

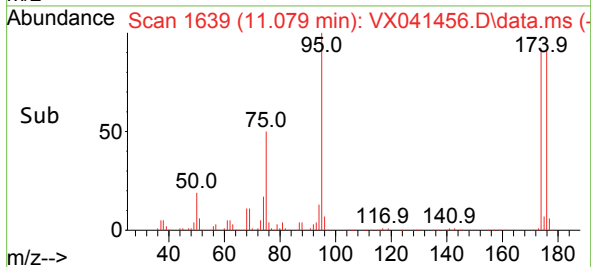
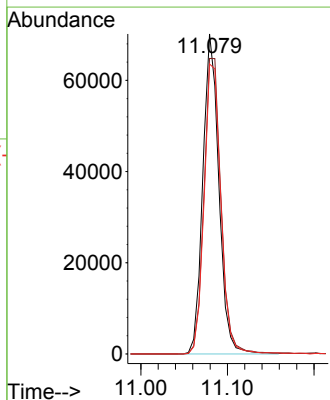
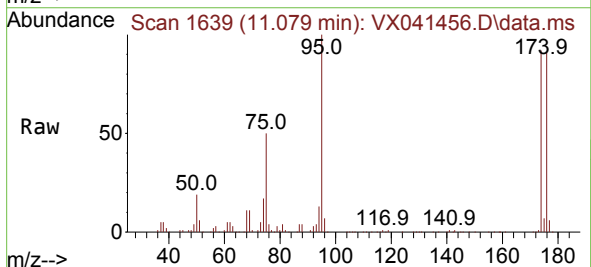
Instrument :
 MSVOA_X
 ClientSampleId :

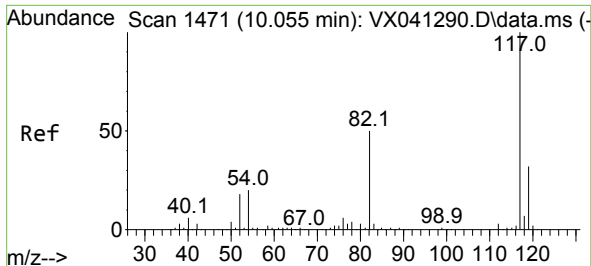
Tgt Ion: 75 Resp: 22
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#62
 4-Bromofluorobenzene
 Concen: 47.113 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX041456.D
 Acq: 10 May 2024 14:04

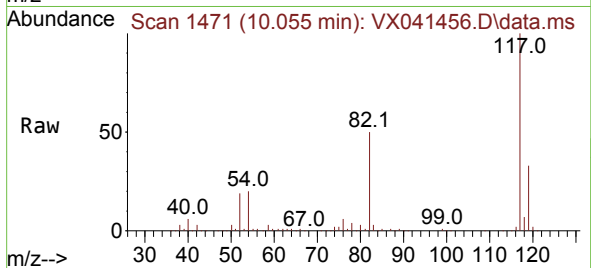
Tgt Ion: 95 Resp: 90225
 Ion Ratio Lower Upper
 95 100
 174 98.4 0.0 135.6
 176 95.0 0.0 131.0



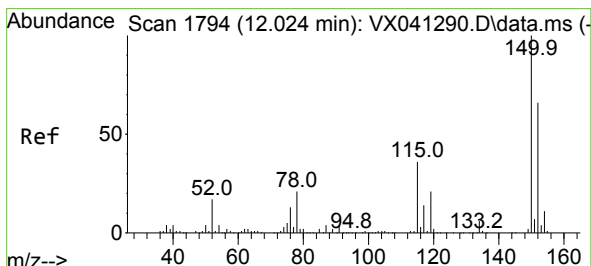
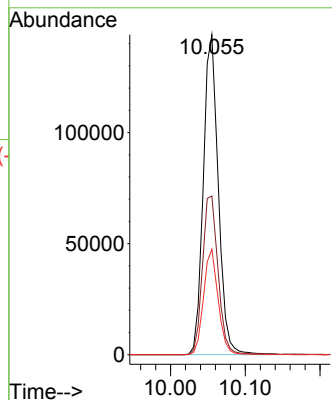
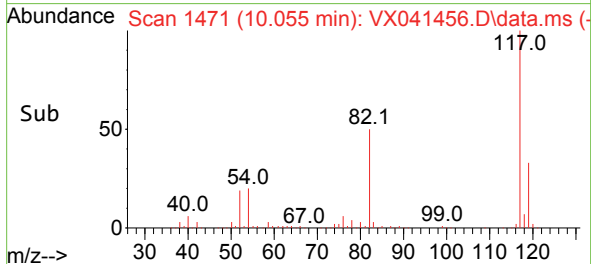


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041456.D
Acq: 10 May 2024 14:04

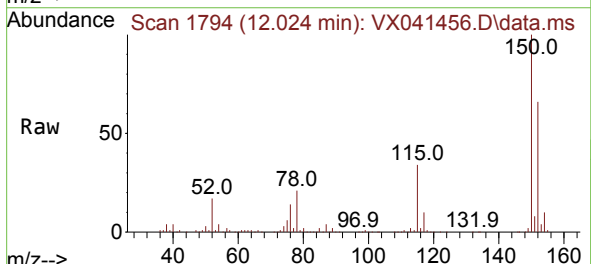
Instrument :
MSVOA_X
ClientSampleId :



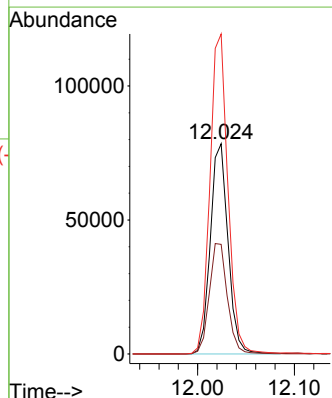
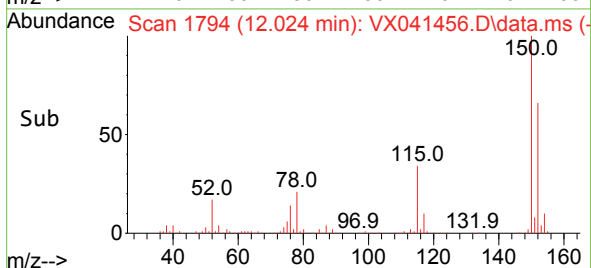
Tgt Ion:117 Resp: 200610
Ion Ratio Lower Upper
117 100
82 49.6 46.2 69.4
119 32.9 25.5 38.3

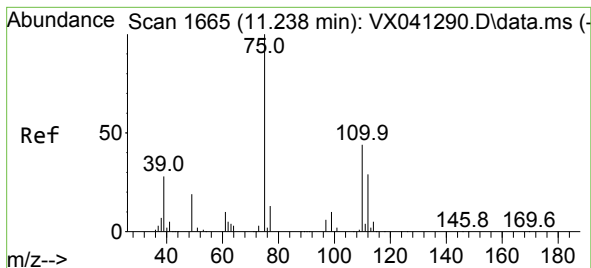


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041456.D
Acq: 10 May 2024 14:04



Tgt Ion:152 Resp: 99773
Ion Ratio Lower Upper
152 100
115 53.8 43.3 129.9
150 154.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.389 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX041456.D

Acq: 10 May 2024 14:04

Instrument :

MSVOA_X

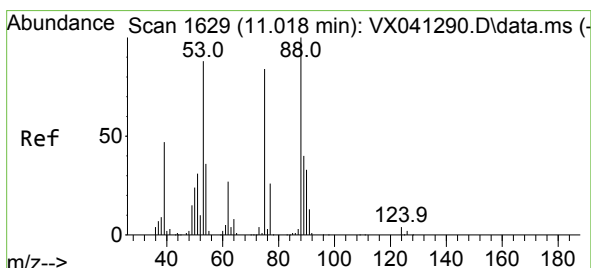
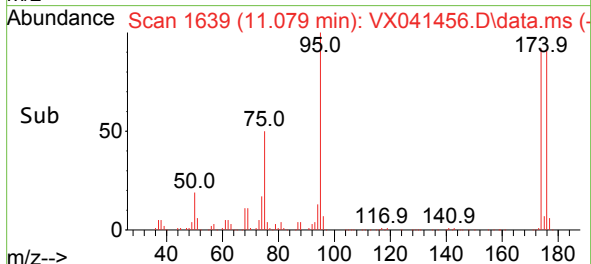
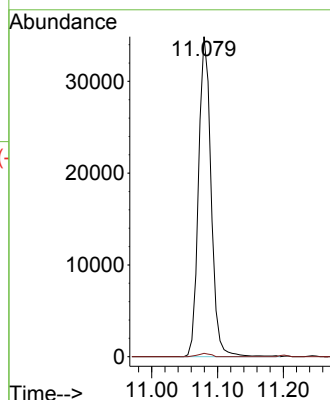
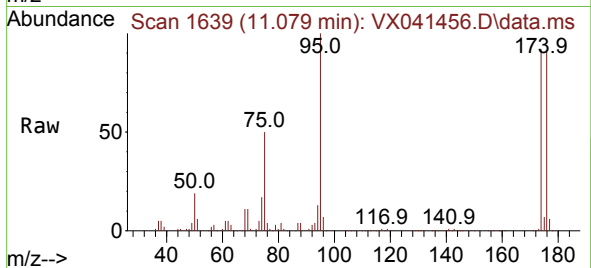
ClientSampleId :

Tgt Ion: 75 Resp: 46160

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.328 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041456.D

Acq: 10 May 2024 14:04

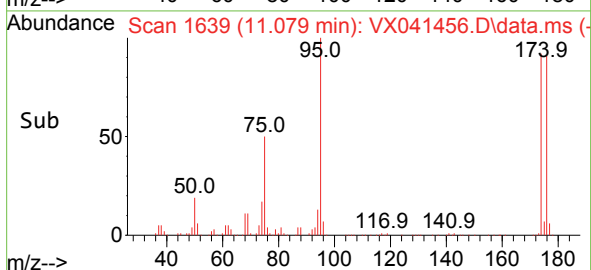
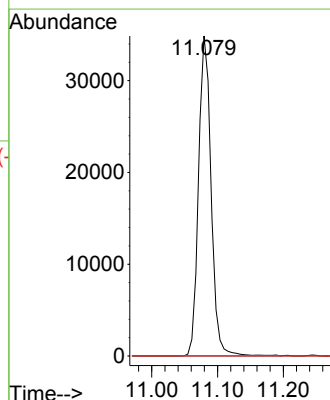
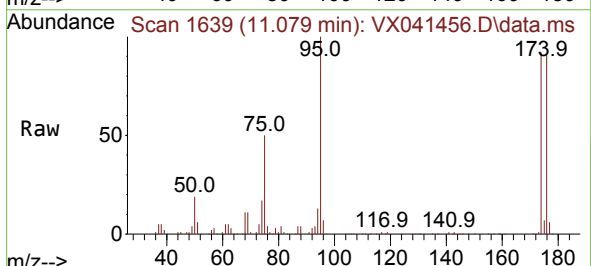
Tgt Ion: 75 Resp: 46160

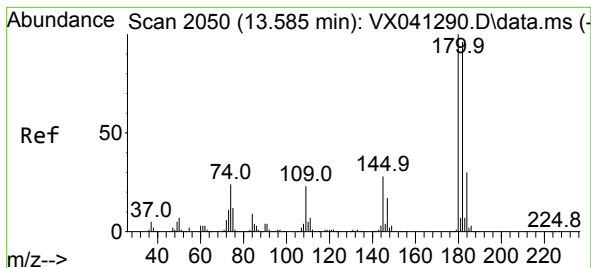
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.202 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX041456.D

Acq: 10 May 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

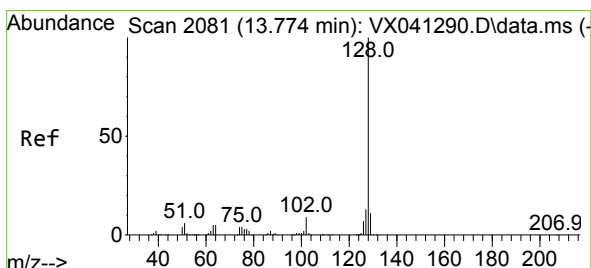
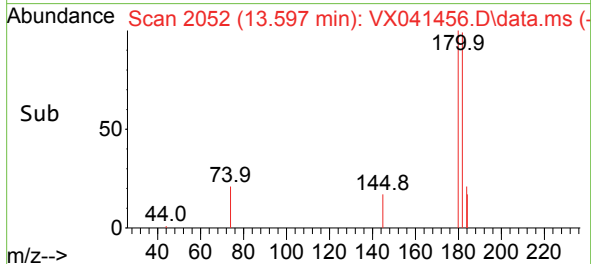
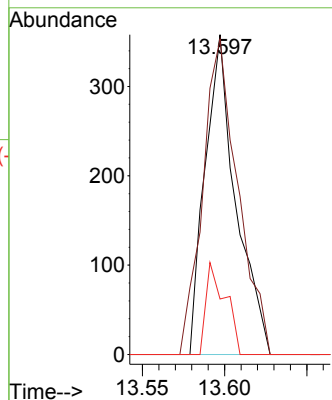
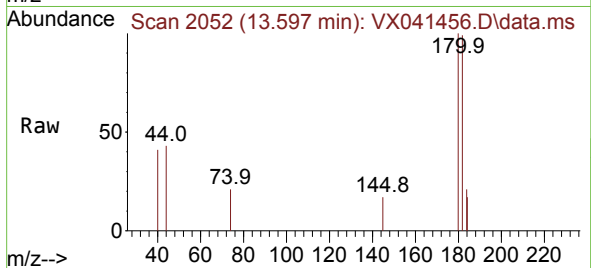
Tgt Ion:180 Resp: 465

Ion Ratio Lower Upper

180 100

182 112.7 48.3 144.8

145 18.1 18.0 54.0



#95

Naphthalene

Concen: 0.224 ug/l

RT: 13.786 min Scan# 2083

Delta R.T. 0.012 min

Lab File: VX041456.D

Acq: 10 May 2024 14:04

Tgt Ion:128 Resp: 1531

Ion Ratio Lower Upper

128 100

127 10.7 10.3 15.5

129 1.5 8.8 13.2#

