

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
 Data File : VX041463.D
 Acq On : 10 May 2024 16:57
 Operator : JC/MD
 Sample : P2448-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 11 01:37:09 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)

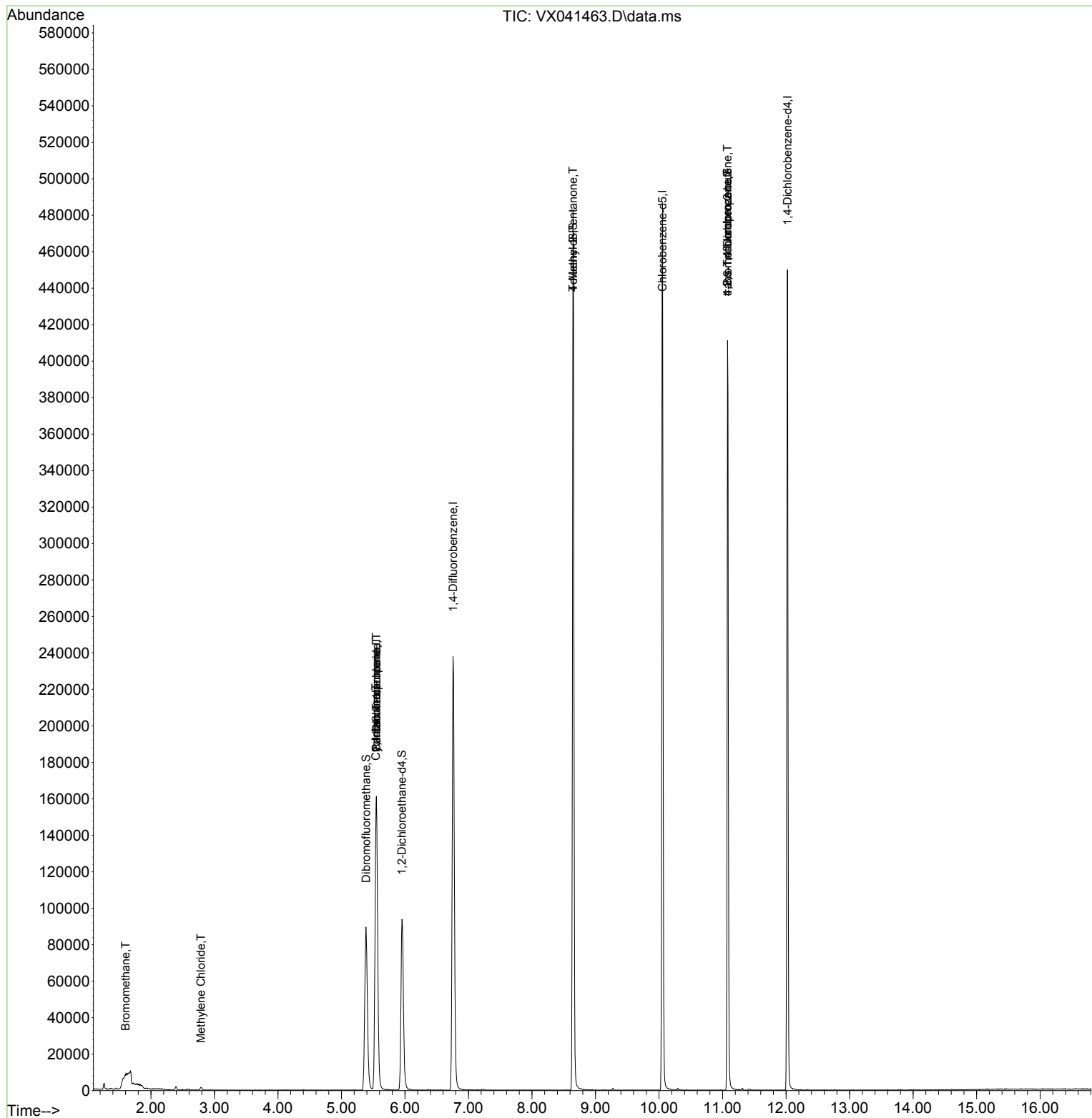
Internal Standards						
1) Pentafluorobenzene	5.550	168	170851	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	253059	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95254	51.213	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.420%
35) Dibromofluoromethane	5.385	113	77180	45.005	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.020%
50) Toluene-d8	8.647	98	287485	52.965	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.940%
62) 4-Bromofluorobenzene	11.079	95	103523	49.270	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.540%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	425	0.490	ug/l	# 67
16) Acetone	2.398	43	1999	Below Cal		99
20) Methylene Chloride	2.788	84	797	0.494	ug/l	# 93
31) Cyclohexane	5.543	56	2879	1.283	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	11090	5.408	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	15210	6.475	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1249	0.541	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	53253	30.841	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	53253	84.007	ug/l	# 5

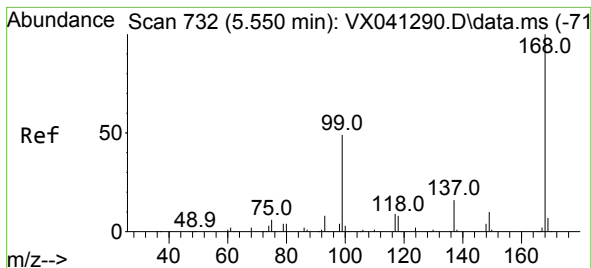
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: May 11 01:37:09 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

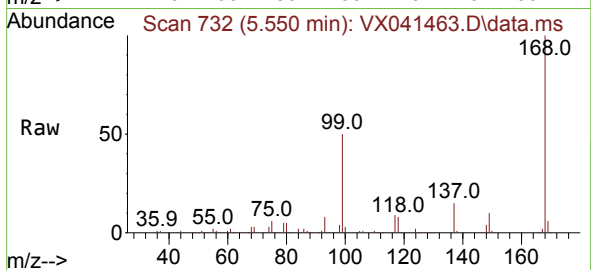
Lab File: VX041463.D

Acq: 10 May 2024 16:57

Instrument :

MSVOA_X

ClientSampleId :

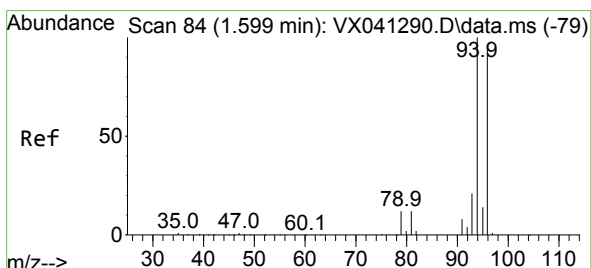
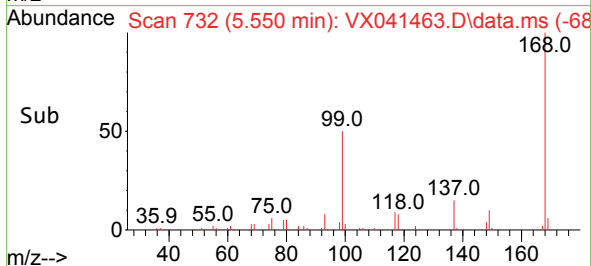
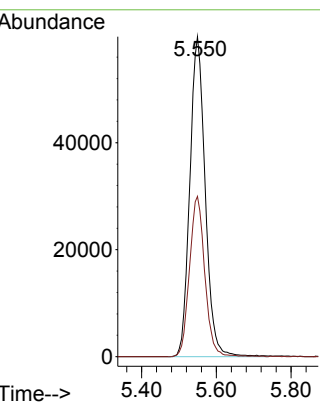


Tgt Ion:168 Resp: 170851

Ion Ratio Lower Upper

168 100

99 50.1 56.6 85.0#



#5

Bromomethane

Concen: 0.490 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041463.D

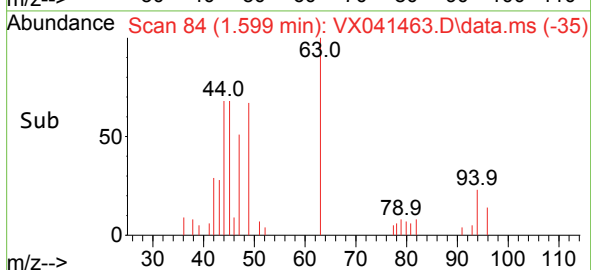
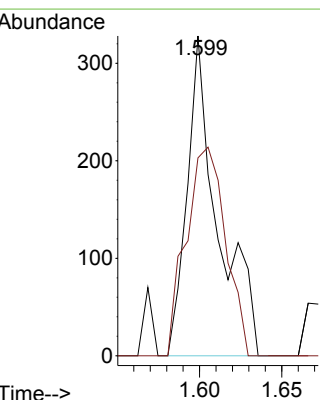
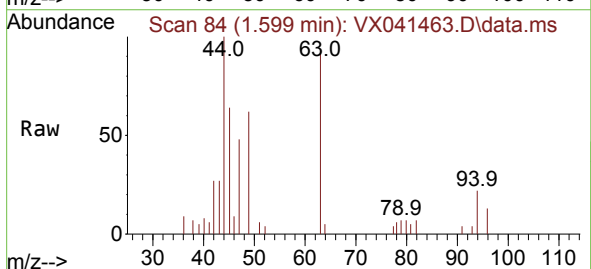
Acq: 10 May 2024 16:57

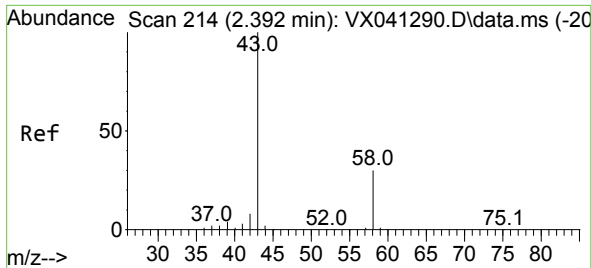
Tgt Ion: 94 Resp: 425

Ion Ratio Lower Upper

94 100

96 61.9 74.6 111.8#





#16

Acetone

Concen: Below Cal

RT: 2.398 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX041463.D

Acq: 10 May 2024 16:57

Instrument :

MSVOA_X

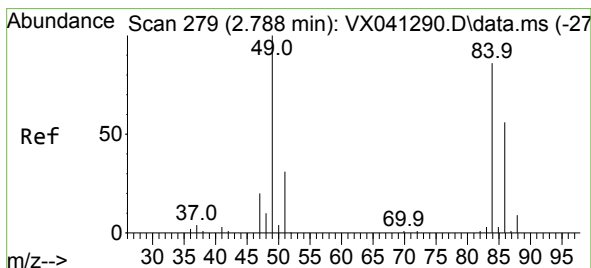
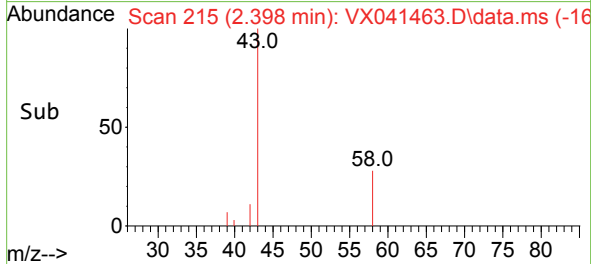
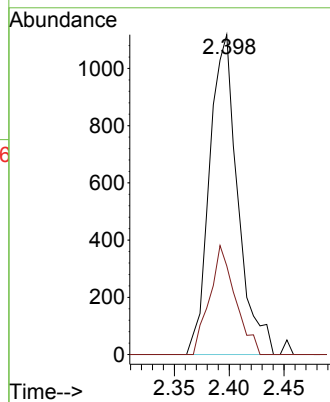
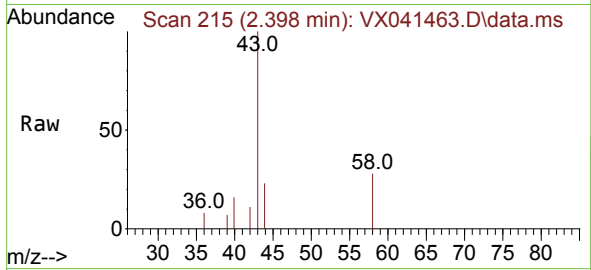
ClientSampleId :

Tgt Ion: 43 Resp: 1999

Ion Ratio Lower Upper

43 100

58 27.7 21.9 32.9



#20

Methylene Chloride

Concen: 0.494 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX041463.D

Acq: 10 May 2024 16:57

Tgt Ion: 84 Resp: 797

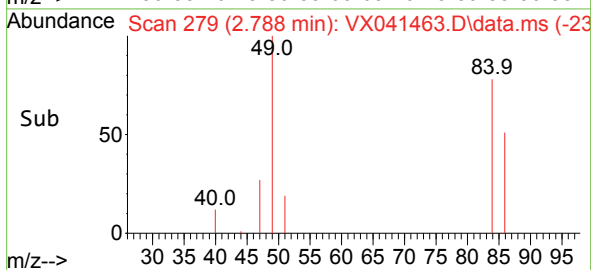
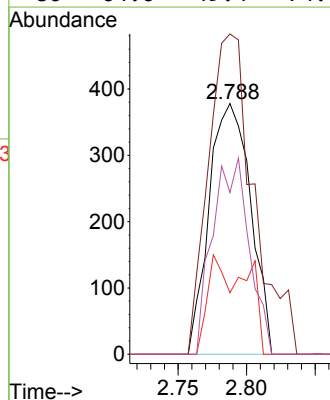
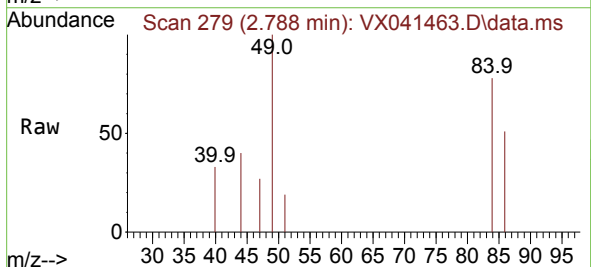
Ion Ratio Lower Upper

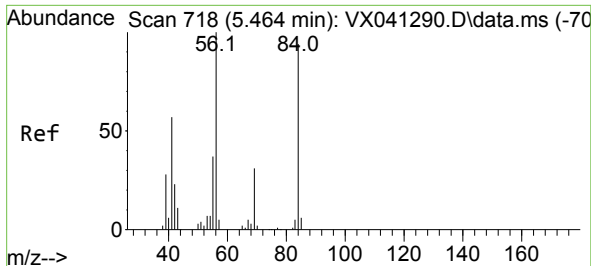
84 100

49 127.8 103.6 155.4

51 24.6 33.8 50.6#

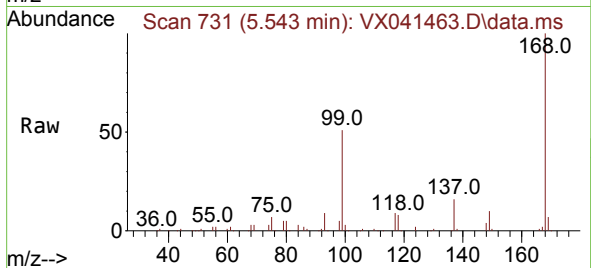
86 64.6 49.4 74.0



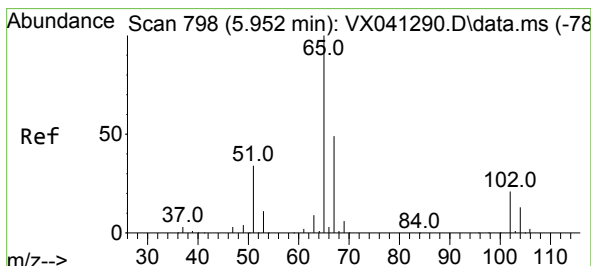
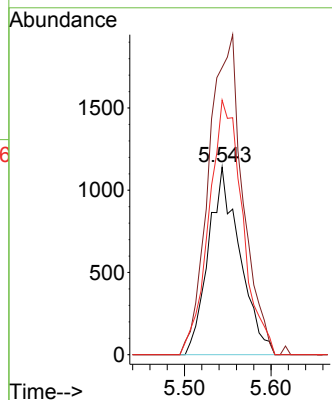
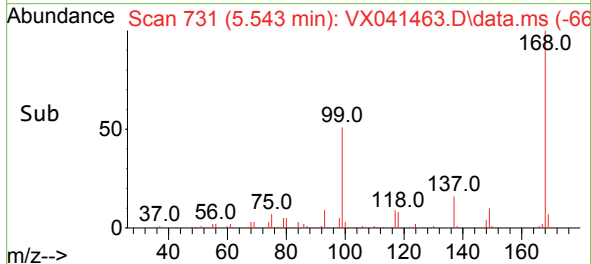


#31
Cyclohexane
Concen: 1.283 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041463.D
Acq: 10 May 2024 16:57

Instrument :
MSVOA_X
ClientSampleId :

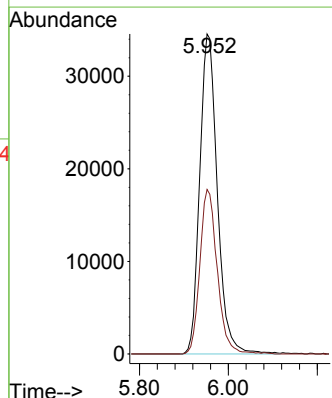
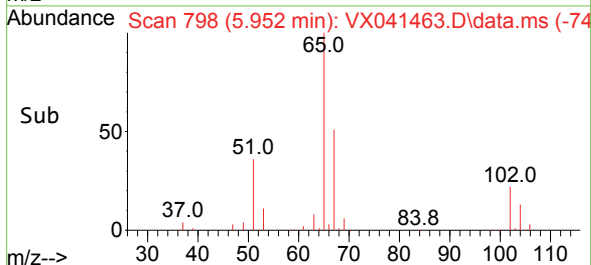
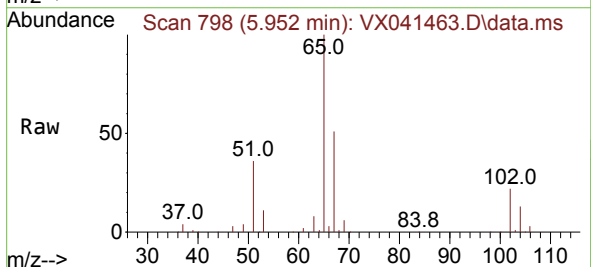


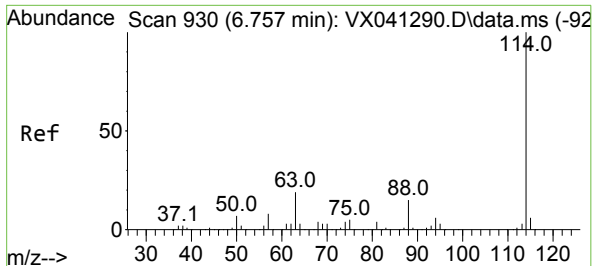
Tgt Ion: 56 Resp: 2879
Ion Ratio Lower Upper
56 100
69 153.1 23.4 35.2#
84 135.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.213 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041463.D
Acq: 10 May 2024 16:57

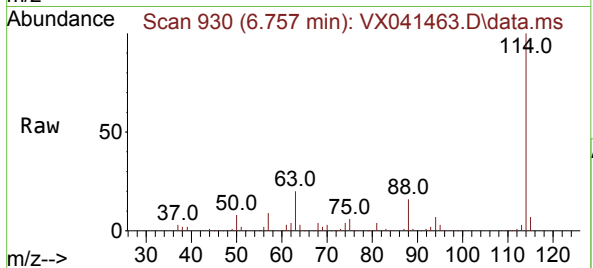
Tgt Ion: 65 Resp: 95254
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2



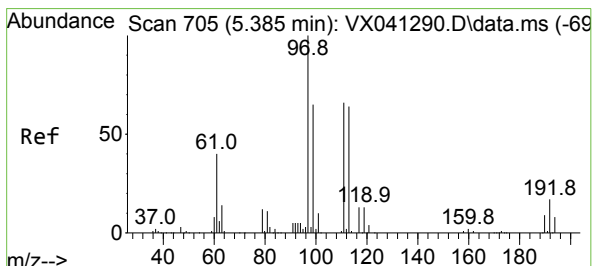
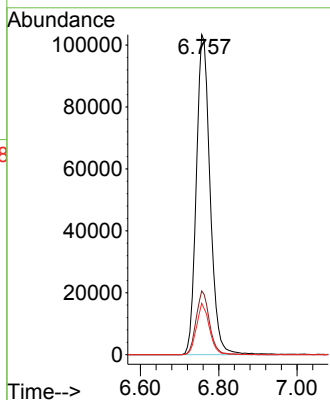
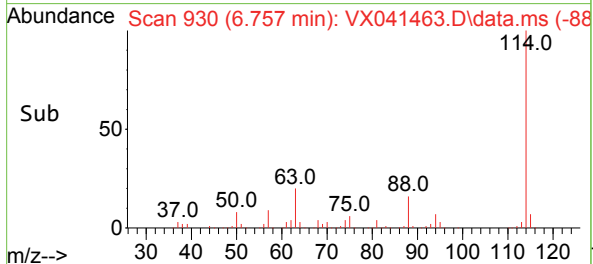


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041463.D
Acq: 10 May 2024 16:57

Instrument :
MSVOA_X
ClientSampleId :

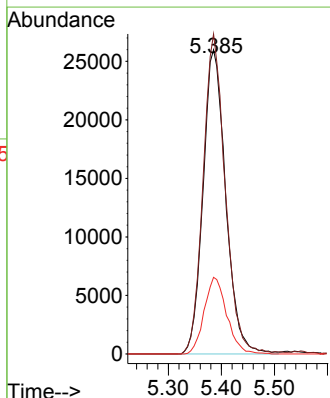
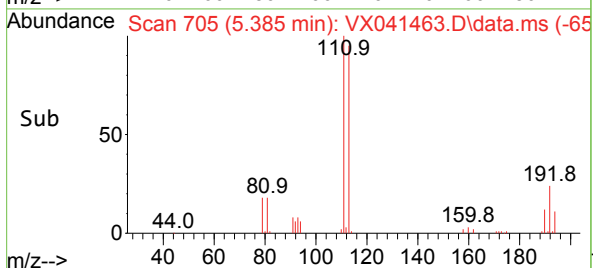
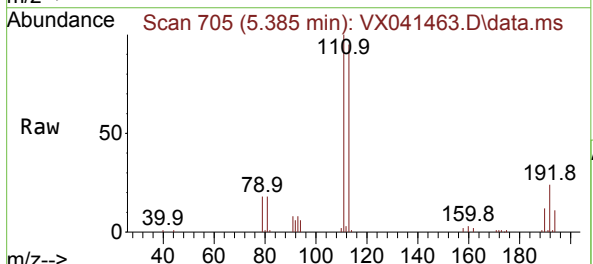


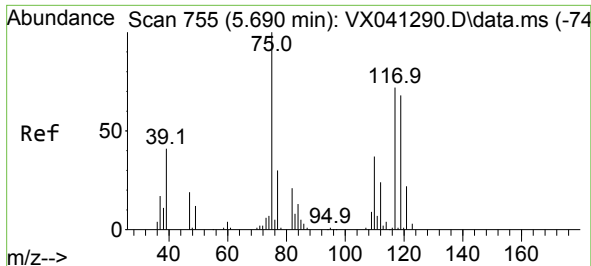
Tgt Ion:114 Resp: 253059
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.005 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041463.D
Acq: 10 May 2024 16:57

Tgt Ion:113 Resp: 77180
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 25.1 13.3 19.9#

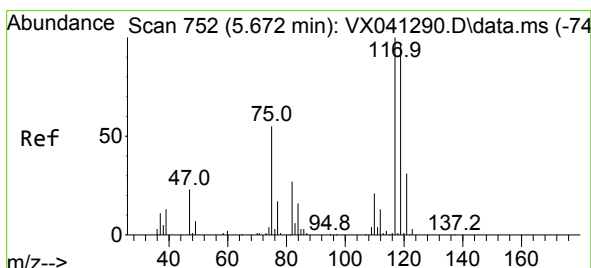
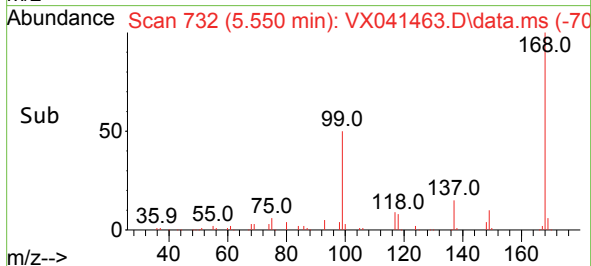
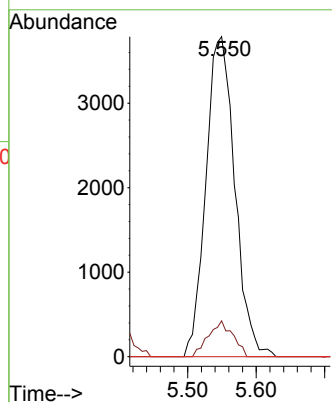
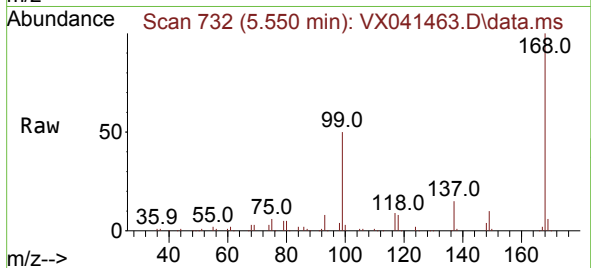




#36
1,1-Dichloropropene
Concen: 5.408 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041463.D
Acq: 10 May 2024 16:57

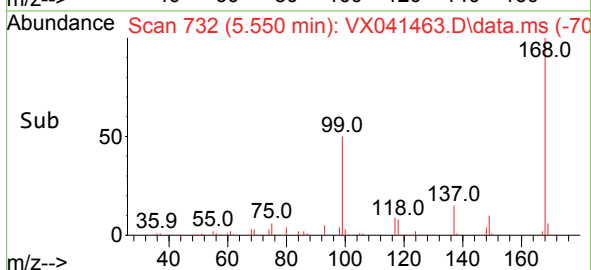
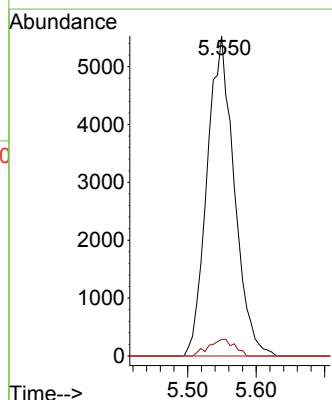
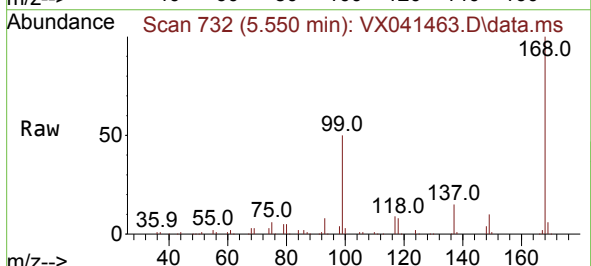
Instrument :
MSVOA_X
ClientSampleId :

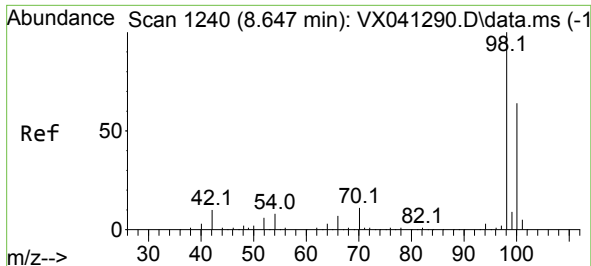
Tgt Ion: 75 Resp: 11090
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.475 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041463.D
Acq: 10 May 2024 16:57

Tgt Ion: 117 Resp: 15210
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#

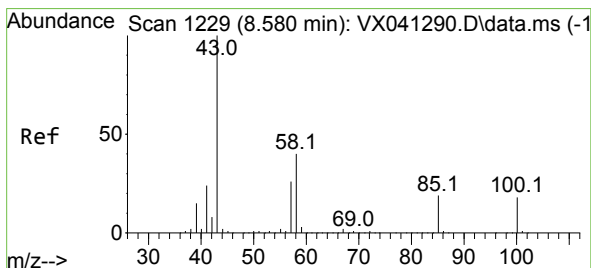
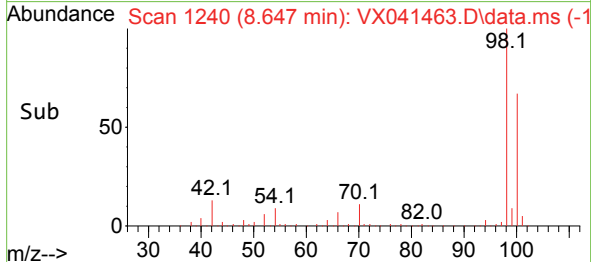
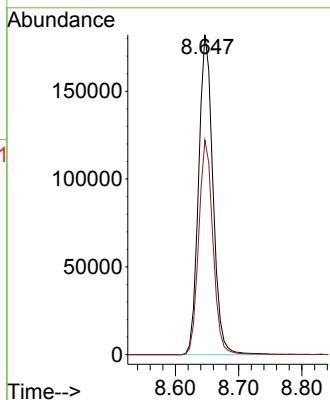
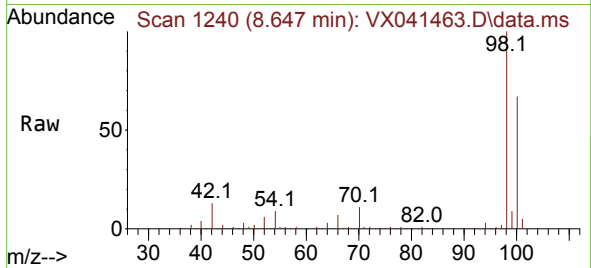




#50
Toluene-d8
Concen: 52.965 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041463.D
Acq: 10 May 2024 16:57

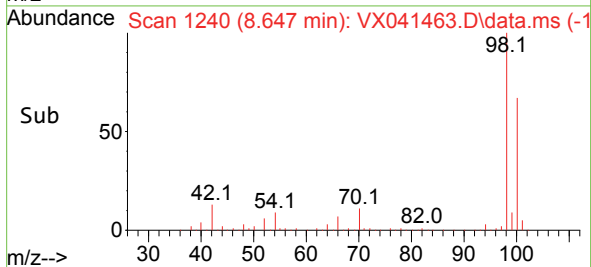
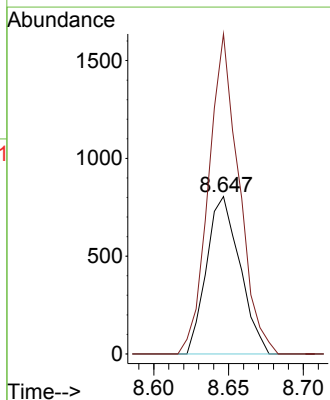
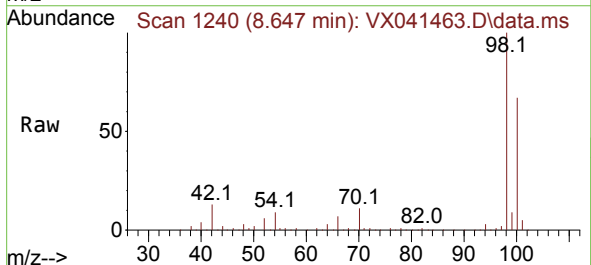
Instrument :
MSVOA_X
ClientSampleId :

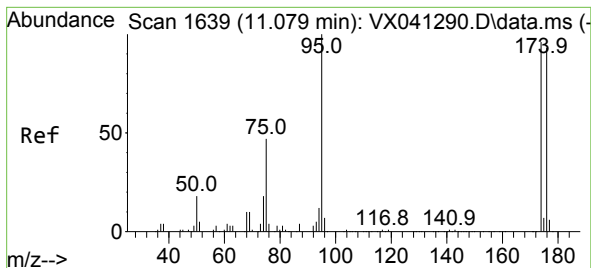
Tgt Ion: 98 Resp: 287485
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.541 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041463.D
Acq: 10 May 2024 16:57

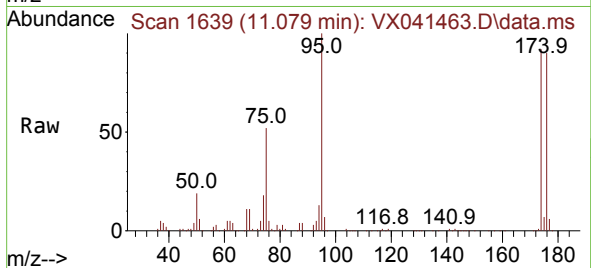
Tgt Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
58 184.9 30.4 45.6#



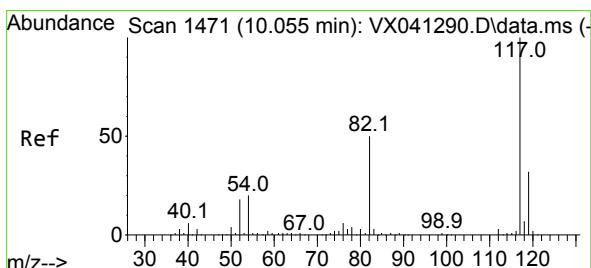
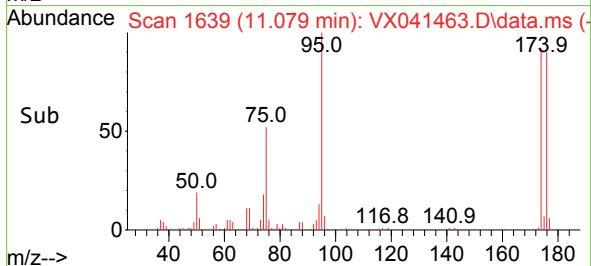
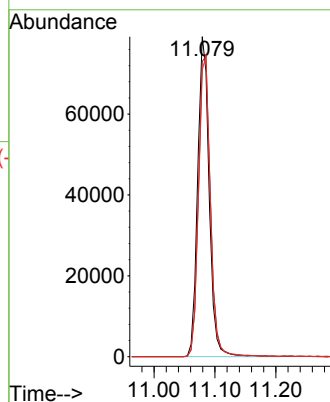


#62
4-Bromofluorobenzene
Concen: 49.270 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041463.D
Acq: 10 May 2024 16:57

Instrument :
MSVOA_X
ClientSampleId :

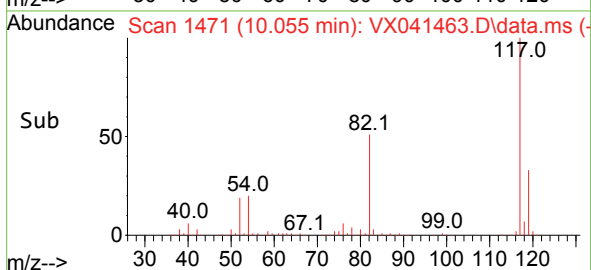
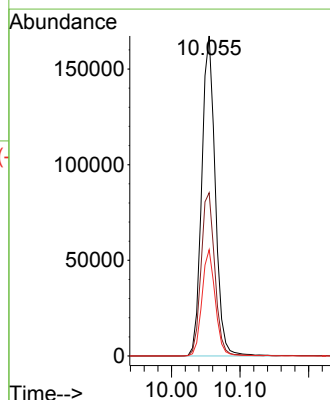
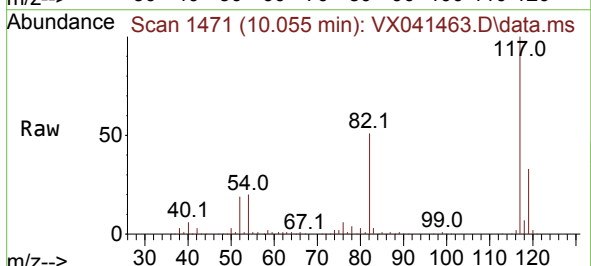


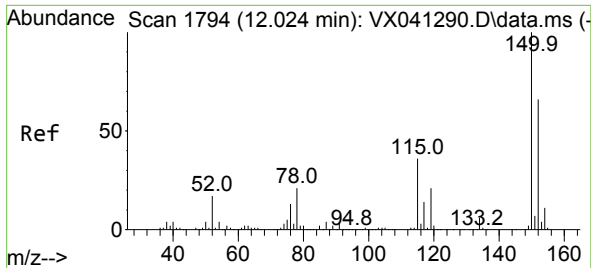
Tgt Ion: 95 Resp: 103523
Ion Ratio Lower Upper
95 100
174 98.1 0.0 135.6
176 96.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041463.D
Acq: 10 May 2024 16:57

Tgt Ion: 117 Resp: 230240
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 33.2 25.5 38.3

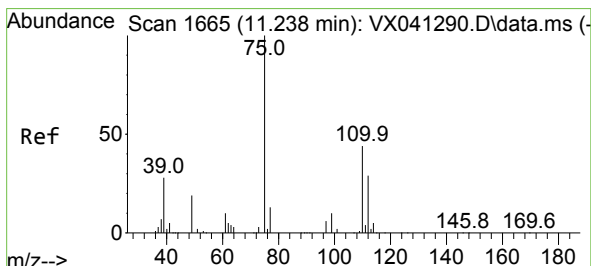
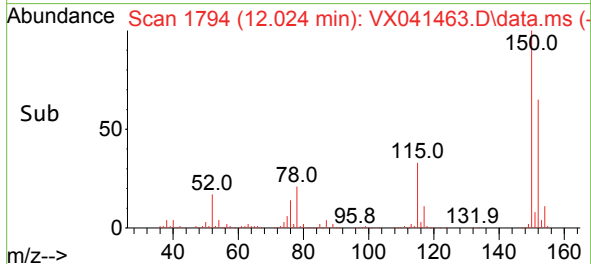
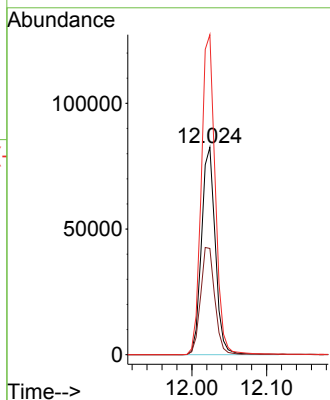
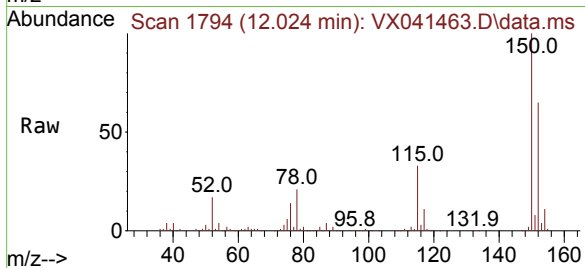




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041463.D
 Acq: 10 May 2024 16:57

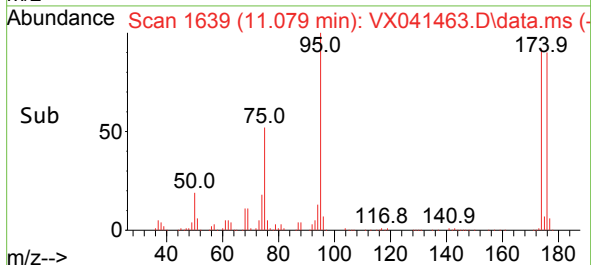
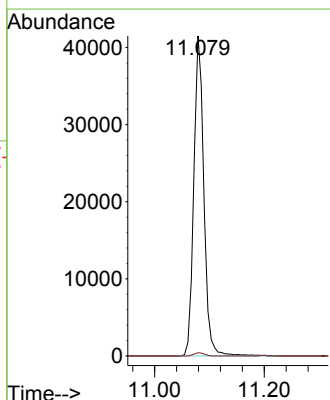
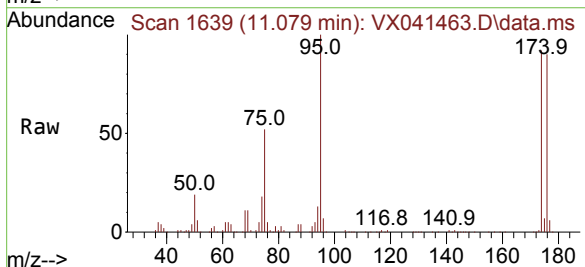
Instrument :
 MSVOA_X
 ClientSampleId :

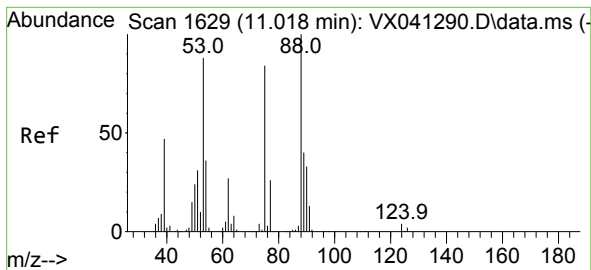
Tgt Ion:152 Resp: 105953
 Ion Ratio Lower Upper
 152 100
 115 53.6 43.3 129.9
 150 156.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 30.841 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX041463.D
 Acq: 10 May 2024 16:57

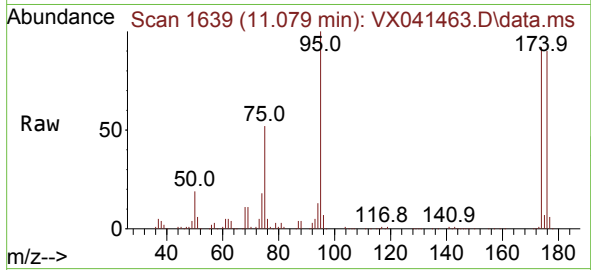
Tgt Ion: 75 Resp: 53253
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.007 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041463.D
 Acq: 10 May 2024 16:57

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 53253
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

