

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
 Data File : VX041466.D
 Acq On : 10 May 2024 18:07
 Operator : JC/MD
 Sample : P2448-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 11 01:38:07 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)

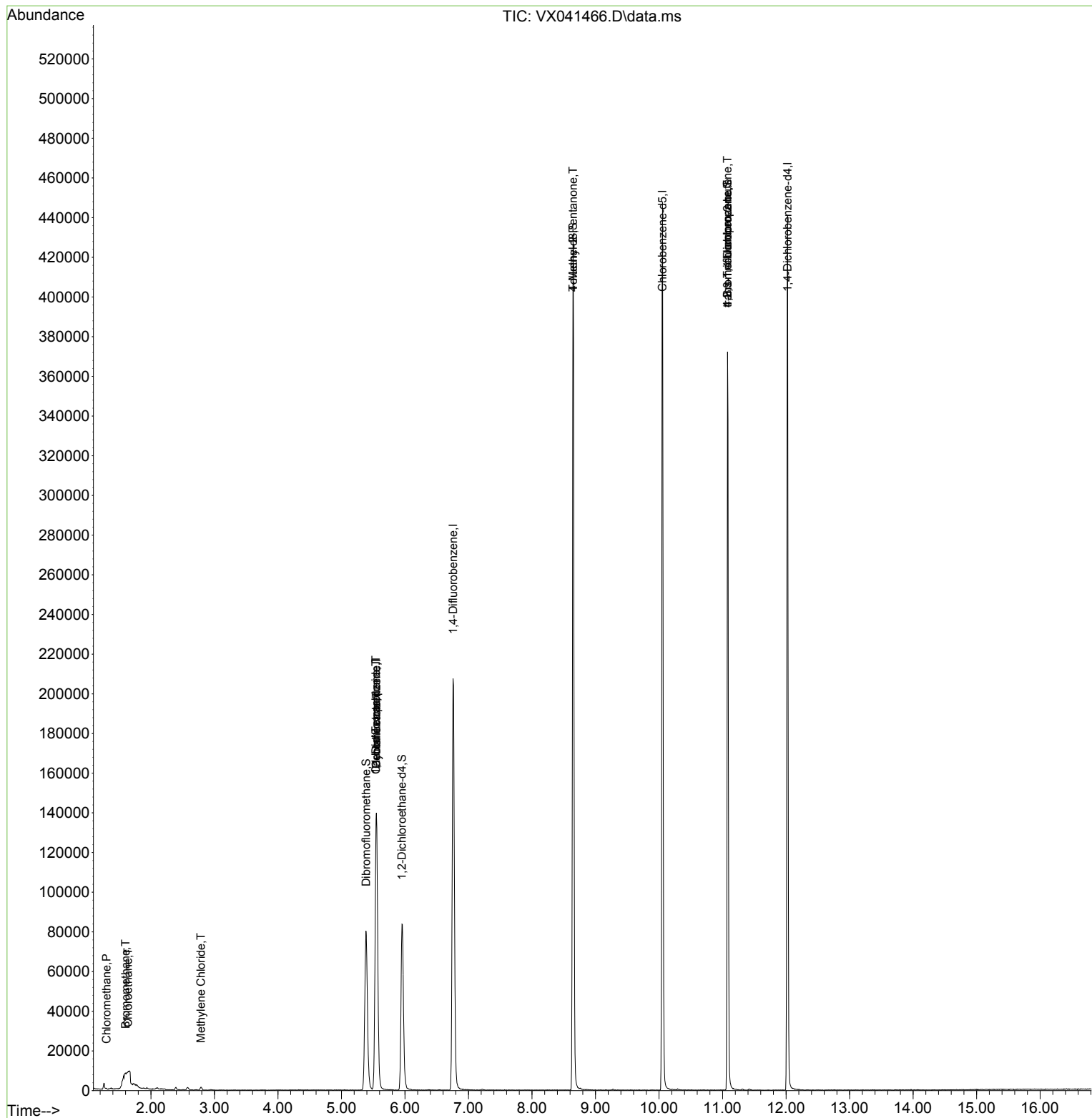
Internal Standards						
1) Pentafluorobenzene	5.550	168	149622	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	221399	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85256	52.341	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.680%	
35) Dibromofluoromethane	5.385	113	69278	46.174	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.340%	
50) Toluene-d8	8.647	98	255195	53.739	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.480%	
62) 4-Bromofluorobenzene	11.079	95	92412	50.271	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	326	0.256	ug/l	91
5) Bromomethane	1.599	94	361	0.475	ug/l	95
6) Chloroethane	1.636	64	157	0.279	ug/l	# 43
16) Acetone	2.392	43	1505	Below Cal		95
20) Methylene Chloride	2.788	84	892	0.631	ug/l	# 70
31) Cyclohexane	5.550	56	2623	1.334	ug/l	# 18
36) 1,1-Dichloropropene	5.544	75	9719	5.417	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	12974	6.313	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1193	0.591	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	47247	28.765	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	47247	78.353	ug/l	# 5

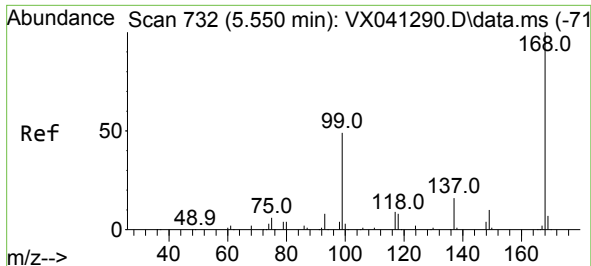
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 11 01:38:07 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

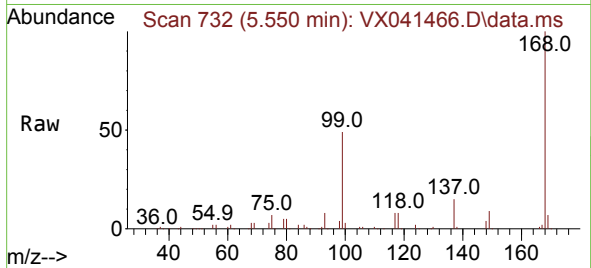
Lab File: VX041466.D

Acq: 10 May 2024 18:07

Instrument :

MSVOA_X

ClientSampleId :

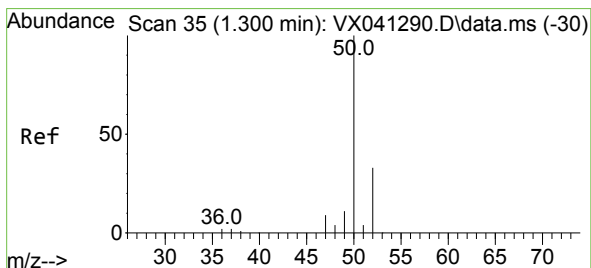
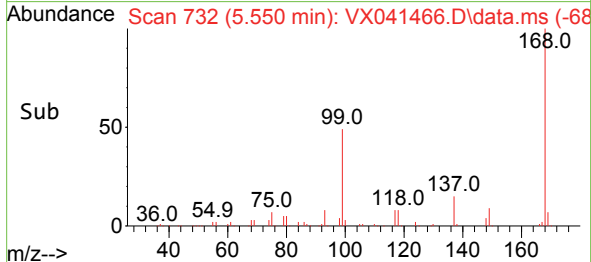
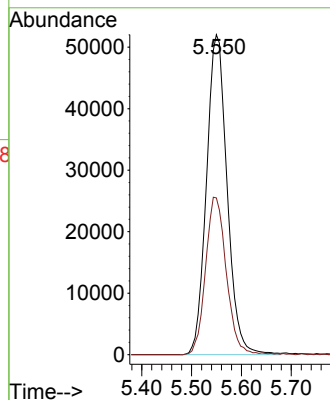


Tgt Ion:168 Resp: 149622

Ion Ratio Lower Upper

168 100

99 49.0 56.6 85.0#



#3

Chloromethane

Concen: 0.256 ug/l

RT: 1.300 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX041466.D

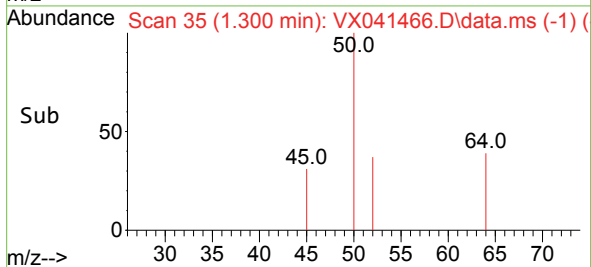
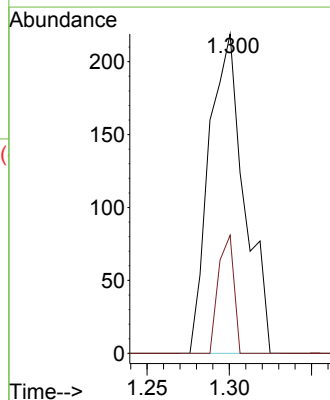
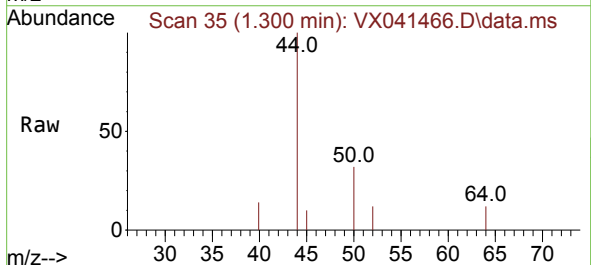
Acq: 10 May 2024 18:07

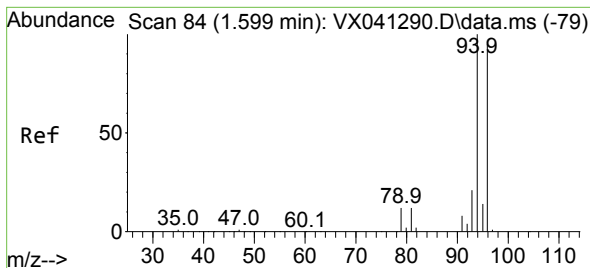
Tgt Ion: 50 Resp: 326

Ion Ratio Lower Upper

50 100

52 37.0 25.5 38.3





#5

Bromomethane

Concen: 0.475 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041466.D

Acq: 10 May 2024 18:07

Instrument :

MSVOA_X

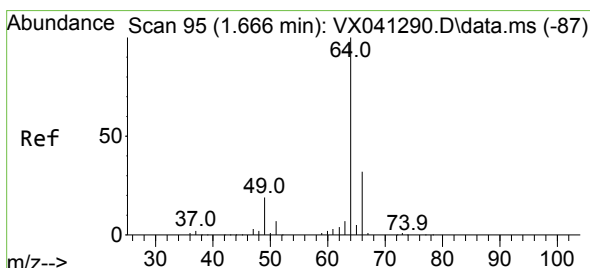
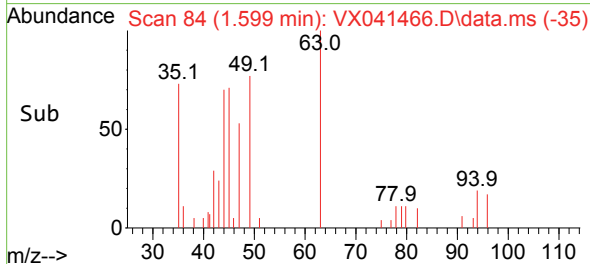
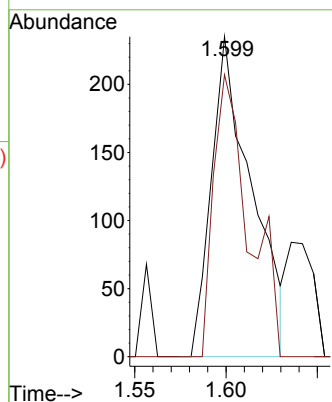
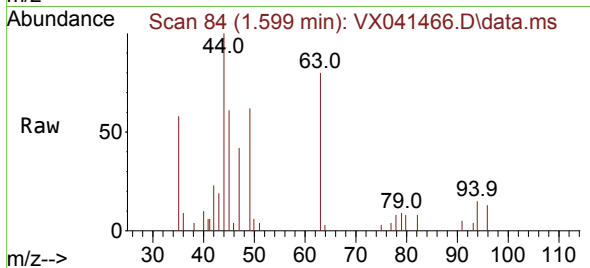
ClientSampleId :

Tgt Ion: 94 Resp: 361

Ion Ratio Lower Upper

94 100

96 88.1 74.6 111.8



#6

Chloroethane

Concen: 0.279 ug/l

RT: 1.636 min Scan# 90

Delta R.T. -0.031 min

Lab File: VX041466.D

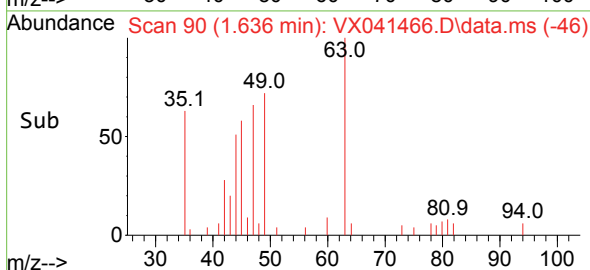
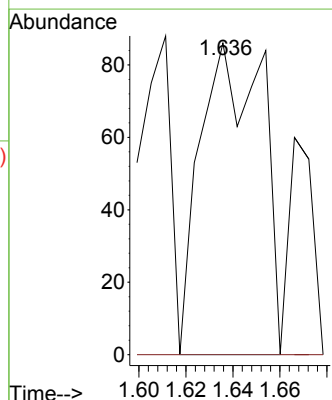
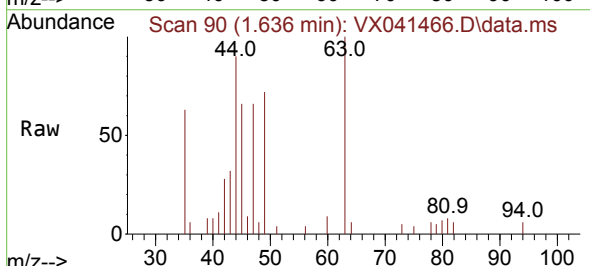
Acq: 10 May 2024 18:07

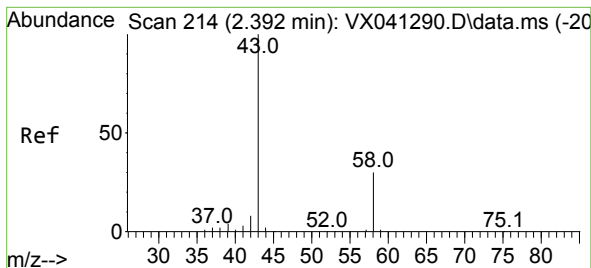
Tgt Ion: 64 Resp: 157

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#





#16

Acetone

Concen: Below Cal

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

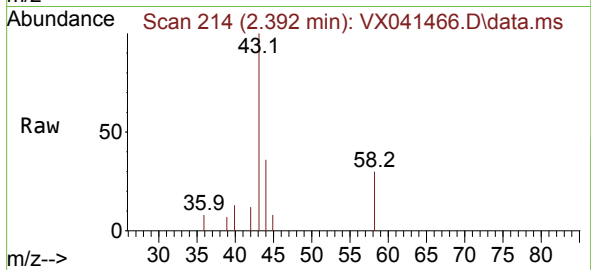
Lab File: VX041466.D

Acq: 10 May 2024 18:07

Instrument :

MSVOA_X

ClientSampleId :

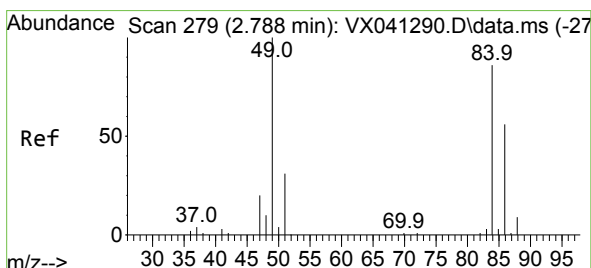
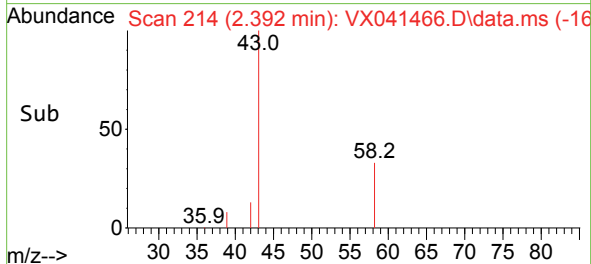
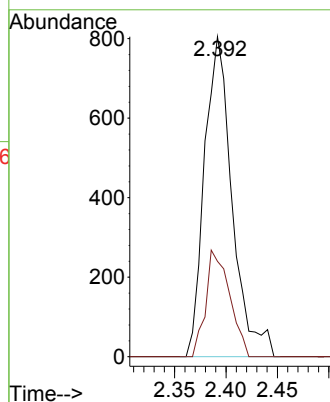


Tgt Ion: 43 Resp: 1505

Ion Ratio Lower Upper

43 100

58 29.8 21.9 32.9



#20

Methylene Chloride

Concen: 0.631 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX041466.D

Acq: 10 May 2024 18:07

Tgt Ion: 84 Resp: 892

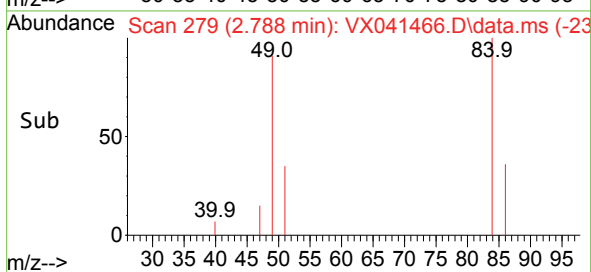
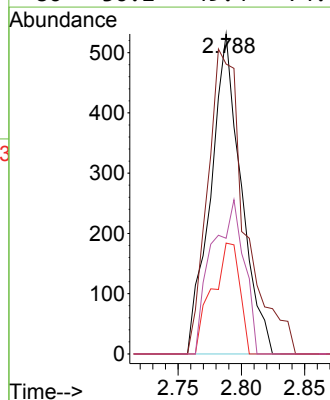
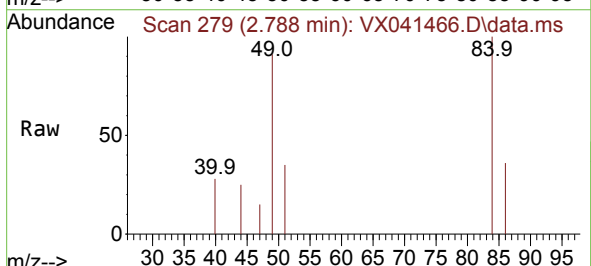
Ion Ratio Lower Upper

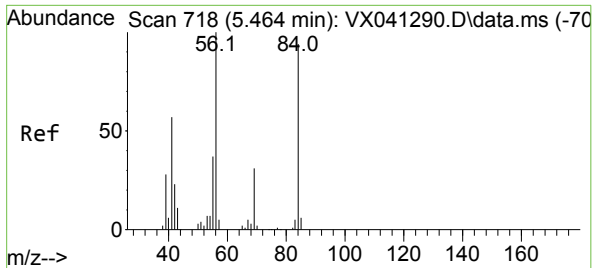
84 100

49 90.6 103.6 155.4#

51 34.7 33.8 50.6

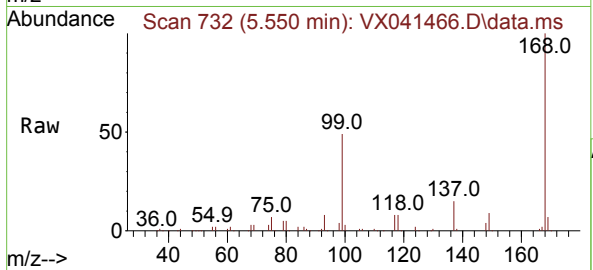
86 36.2 49.4 74.0#



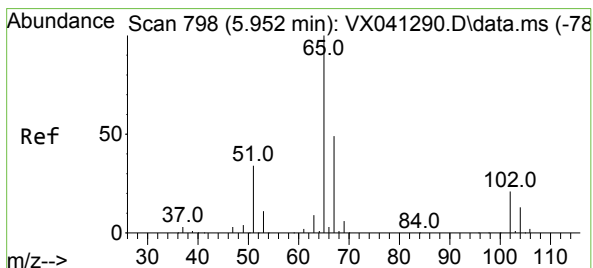
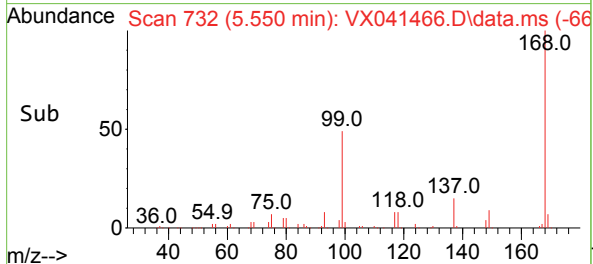
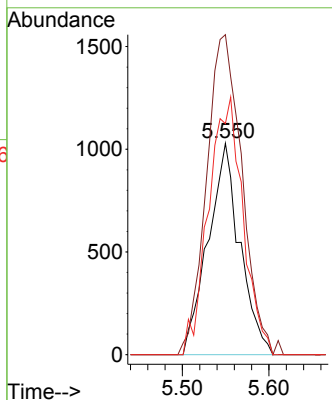


#31
Cyclohexane
Concen: 1.334 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041466.D
Acq: 10 May 2024 18:07

Instrument :
MSVOA_X
ClientSampleId :

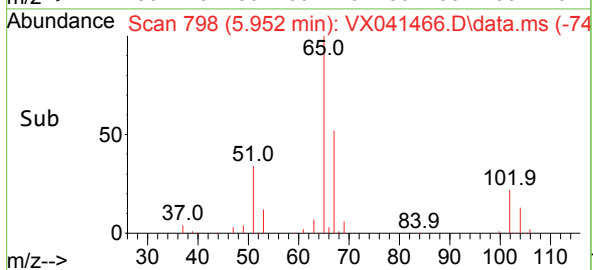
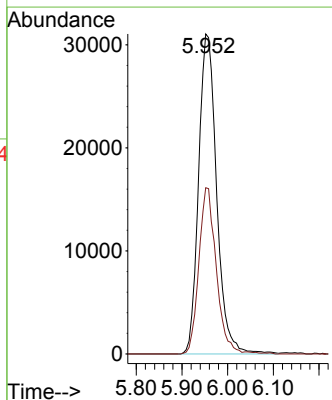
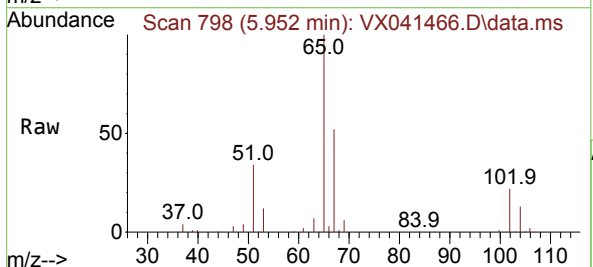


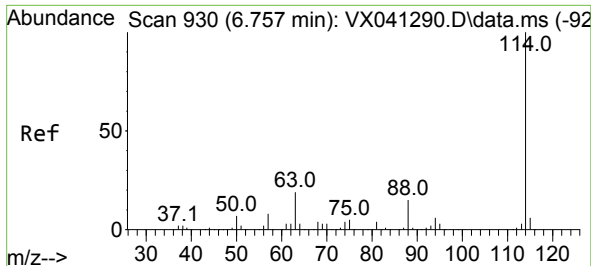
Tgt Ion: 56 Resp: 2623
Ion Ratio Lower Upper
56 100
69 151.4 23.4 35.2#
84 109.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 52.341 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041466.D
Acq: 10 May 2024 18:07

Tgt Ion: 65 Resp: 85256
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

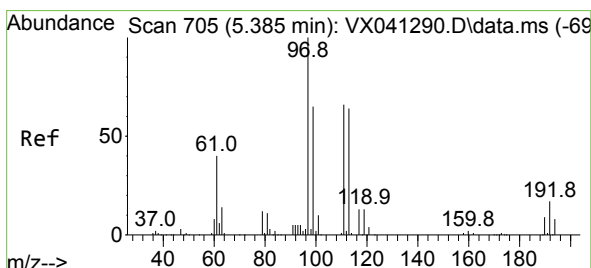
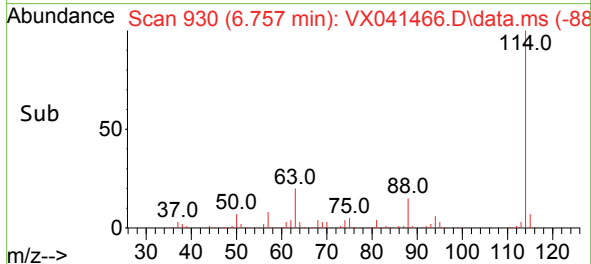
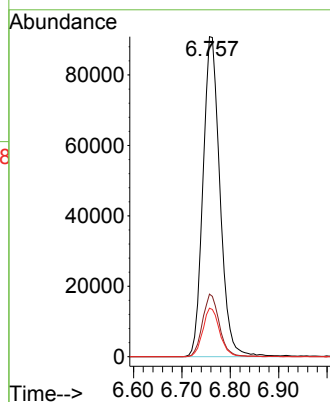
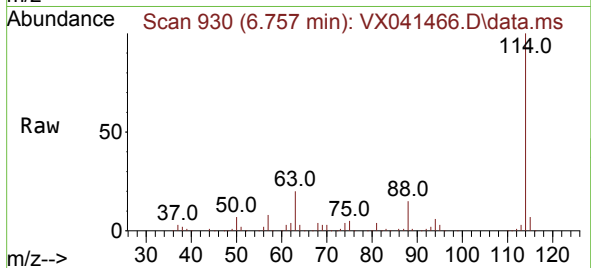




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041466.D
Acq: 10 May 2024 18:07

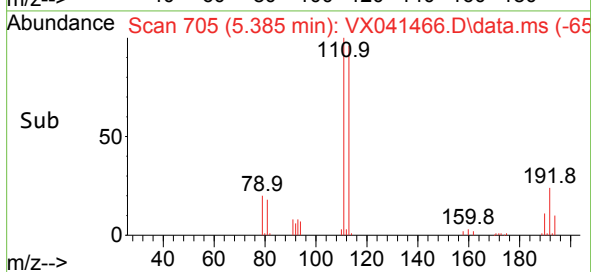
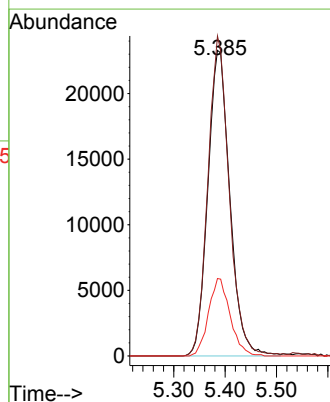
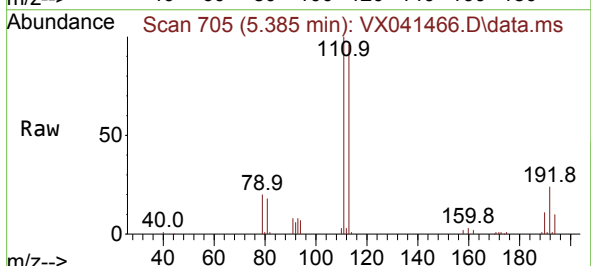
Instrument :
MSVOA_X
ClientSampleId :

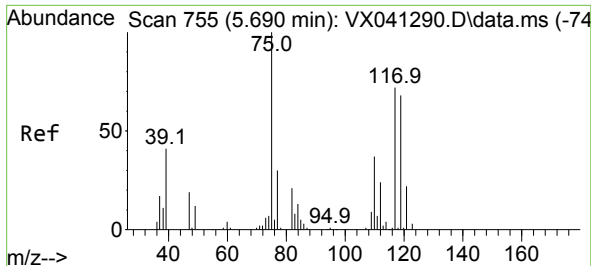
Tgt Ion:114 Resp: 221399
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.174 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041466.D
Acq: 10 May 2024 18:07

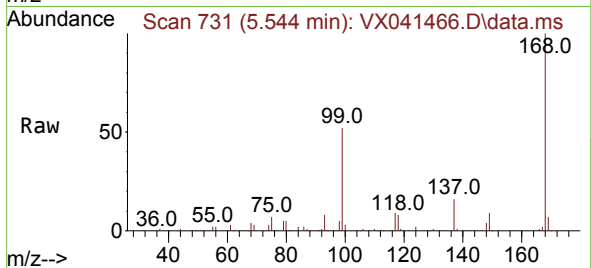
Tgt Ion:113 Resp: 69278
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 24.9 13.3 19.9#



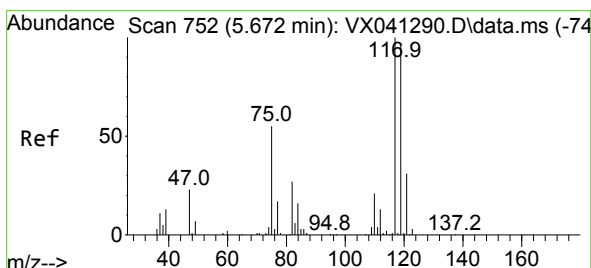
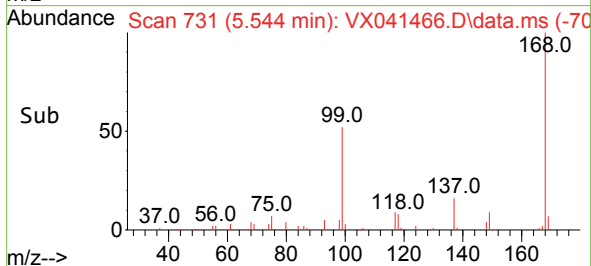
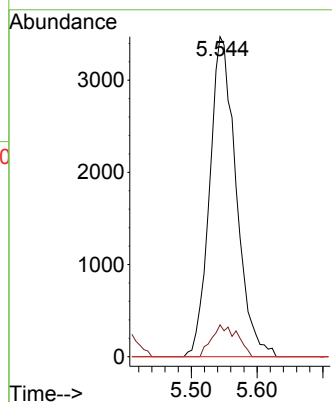


#36
1,1-Dichloropropene
Concen: 5.417 ug/l
RT: 5.544 min Scan# 719
Delta R.T. -0.146 min
Lab File: VX041466.D
Acq: 10 May 2024 18:07

Instrument :
MSVOA_X
ClientSampleId :

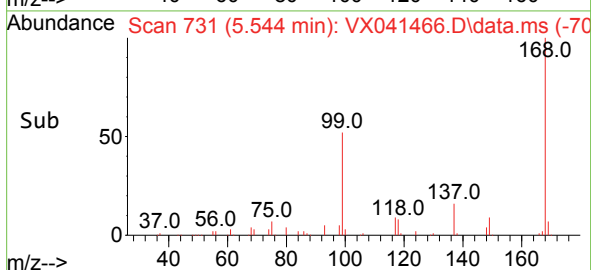
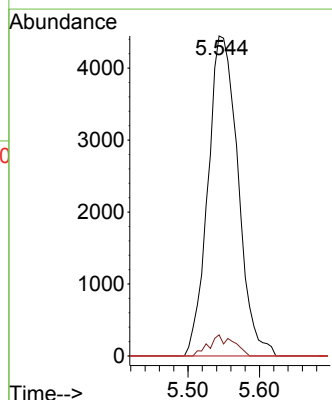
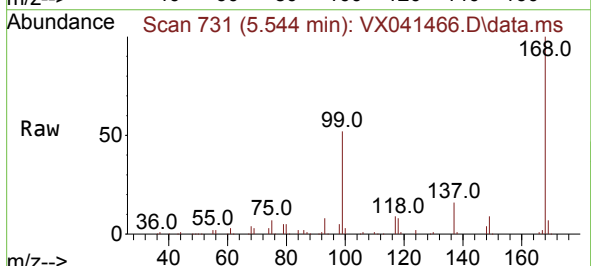


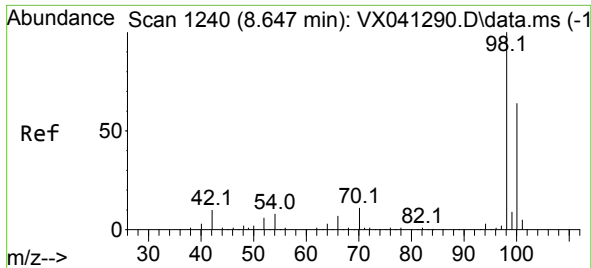
Tgt Ion: 75 Resp: 9719
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.313 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX041466.D
Acq: 10 May 2024 18:07

Tgt Ion: 117 Resp: 12974
Ion Ratio Lower Upper
117 100
119 6.6 78.2 117.2#
121 0.0 24.4 36.6#

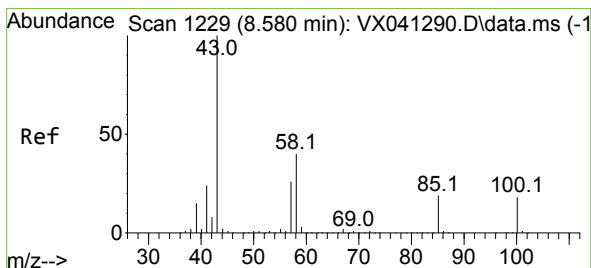
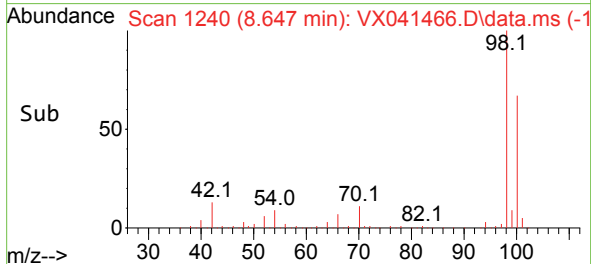
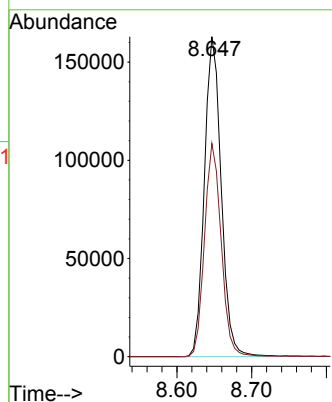
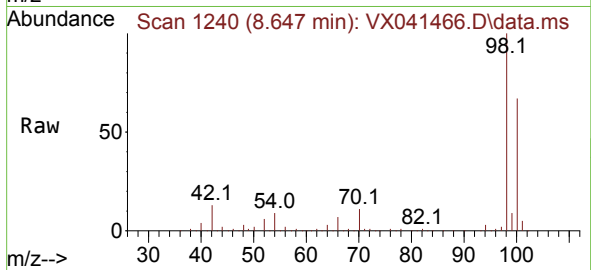




#50
Toluene-d8
Concen: 53.739 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041466.D
Acq: 10 May 2024 18:07

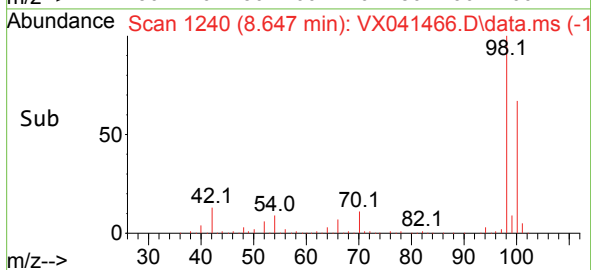
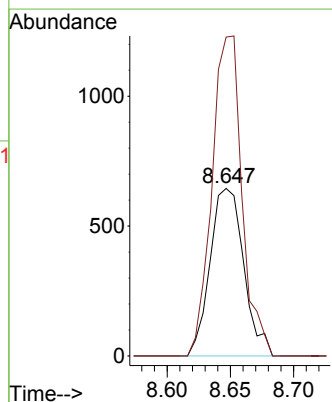
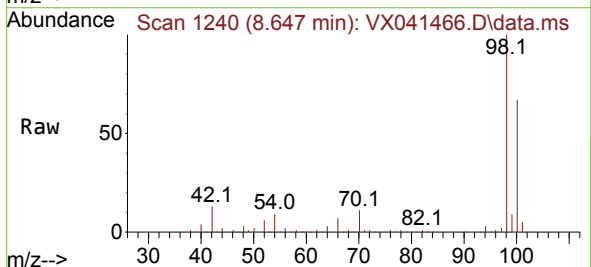
Instrument :
MSVOA_X
ClientSampleId :

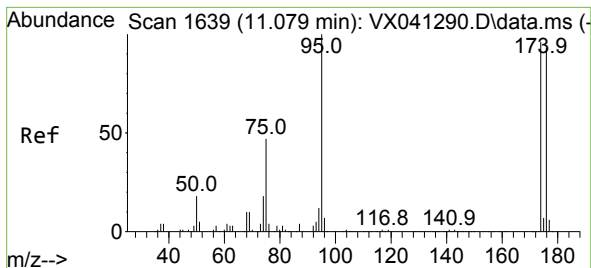
Tgt Ion: 98 Resp: 255195
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.591 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041466.D
Acq: 10 May 2024 18:07

Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
58 170.8 30.4 45.6#

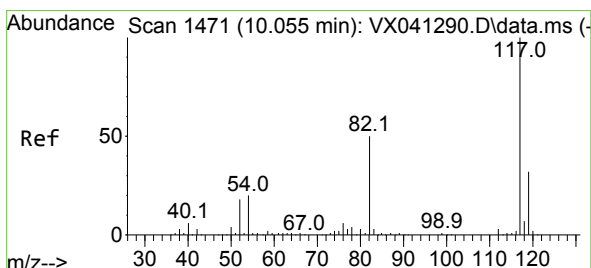
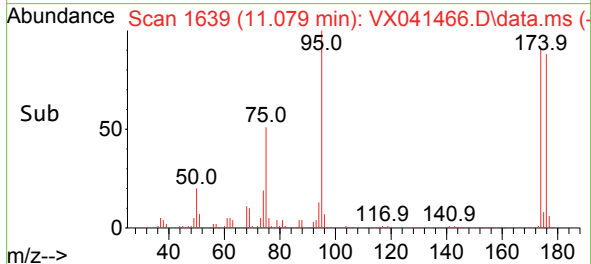
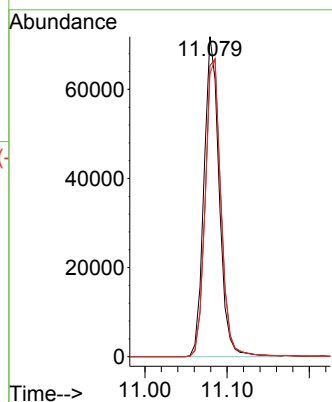
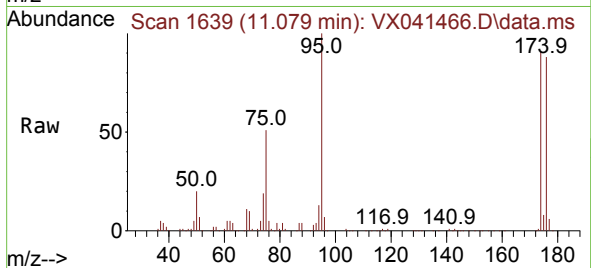




#62
4-Bromofluorobenzene
Concen: 50.271 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041466.D
Acq: 10 May 2024 18:07

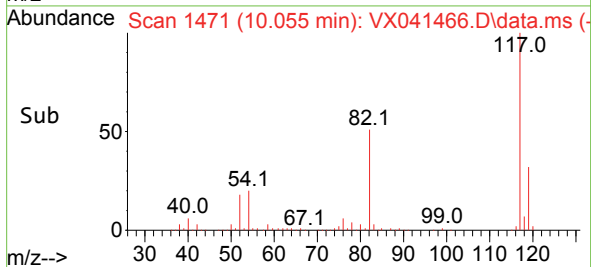
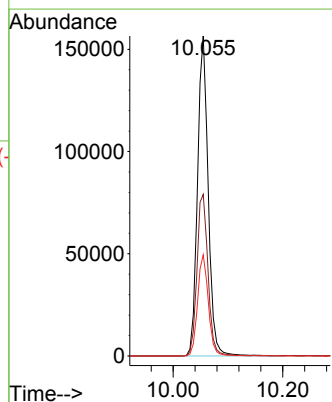
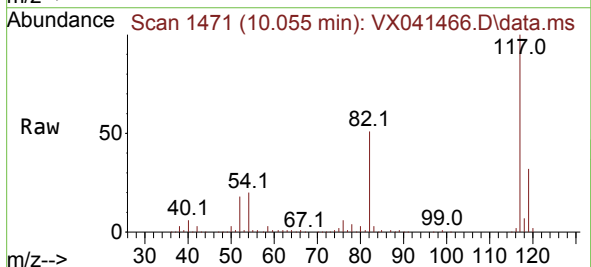
Instrument :
MSVOA_X
ClientSampleId :

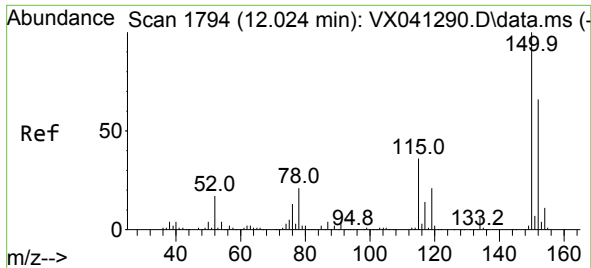
Tgt Ion: 95 Resp: 92412
Ion Ratio Lower Upper
95 100
174 96.7 0.0 135.6
176 95.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041466.D
Acq: 10 May 2024 18:07

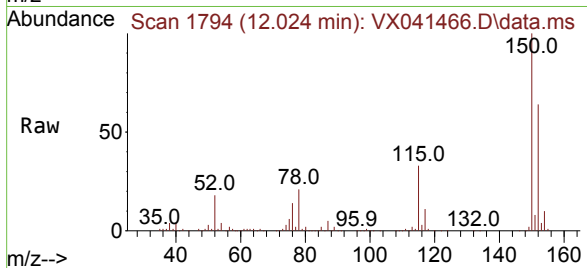
Tgt Ion: 117 Resp: 213224
Ion Ratio Lower Upper
117 100
82 50.5 46.2 69.4
119 31.6 25.5 38.3



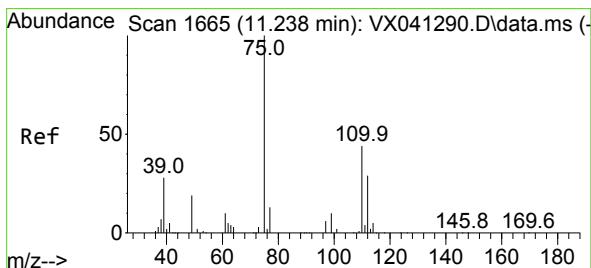
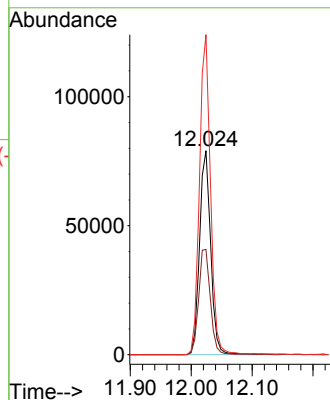
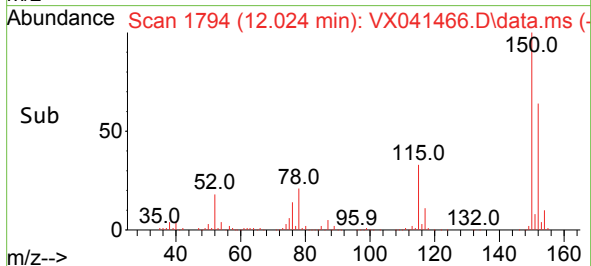


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041466.D
 Acq: 10 May 2024 18:07

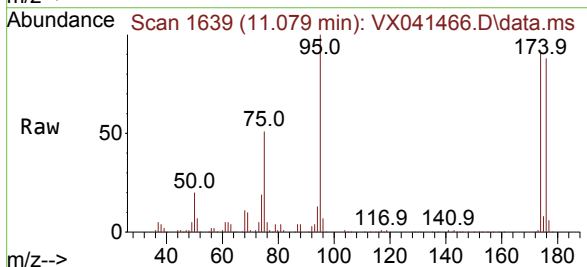
Instrument :
 MSVOA_X
 ClientSampleId :



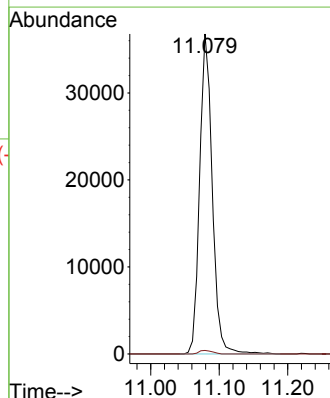
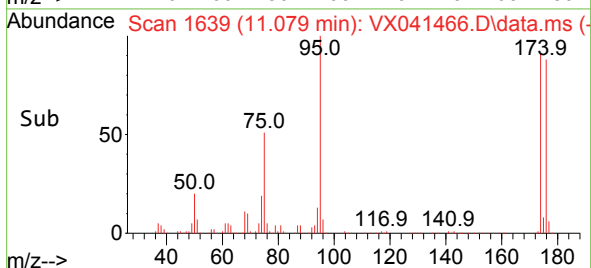
Tgt Ion:152 Resp: 100787
 Ion Ratio Lower Upper
 152 100
 115 54.0 43.3 129.9
 150 154.3 0.0 345.0

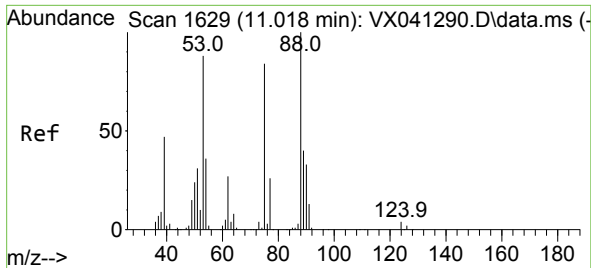


#76
 1,2,3-Trichloropropane
 Concen: 28.765 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX041466.D
 Acq: 10 May 2024 18:07



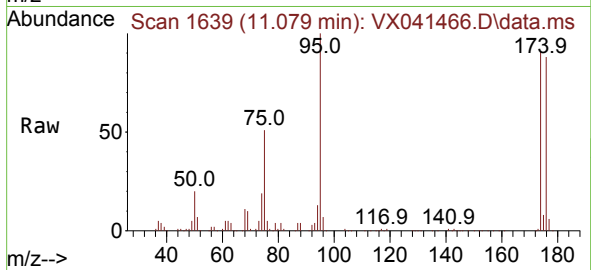
Tgt Ion: 75 Resp: 47247
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.353 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041466.D
 Acq: 10 May 2024 18:07

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 47247
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

