

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052424\
 Data File : VX041648.D
 Acq On : 24 May 2024 12:34
 Operator : JC/MD
 Sample : P2602-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 25 04:22:21 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)

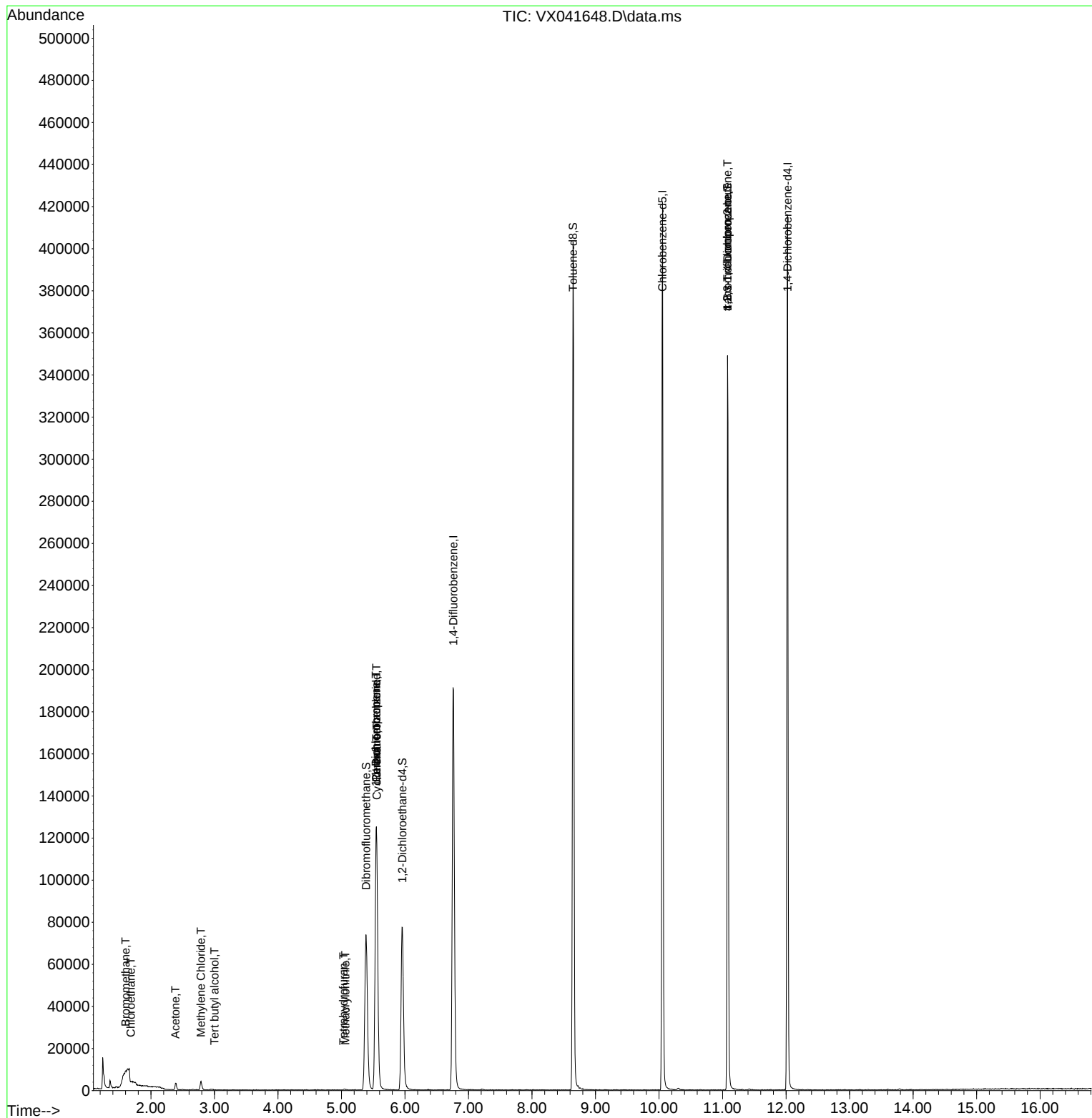
Internal Standards						
1) Pentafluorobenzene	5.550	168	134802	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	203971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78060	53.192	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	106.380%	
35) Dibromofluoromethane	5.385	113	64263	46.492	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	92.980%	
50) Toluene-d8	8.647	98	236675	54.098	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	108.200%	
62) 4-Bromofluorobenzene	11.079	95	88042	51.986	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	103.980%	
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	258	0.377	ug/l	# 69
6) Chloroethane	1.684	64	311	0.613	ug/l	# 43
11) Tert butyl alcohol	3.001	59	102	0.347	ug/l	# 78
16) Acetone	2.386	43	3773	1.958	ug/l	95
20) Methylene Chloride	2.788	84	1992	1.564	ug/l	86
29) Tetrahydrofuran	5.031	42	130	0.209	ug/l	# 47
31) Cyclohexane	5.556	56	2299	1.298	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	8447	5.111	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	11932	6.302	ug/l	# 15
41) Methacrylonitrile	5.062	41	240	0.226	ug/l	# 29
76) 1,2,3-Trichloropropane	11.079	75	44881	28.848	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	44881	78.579	ug/l	# 5

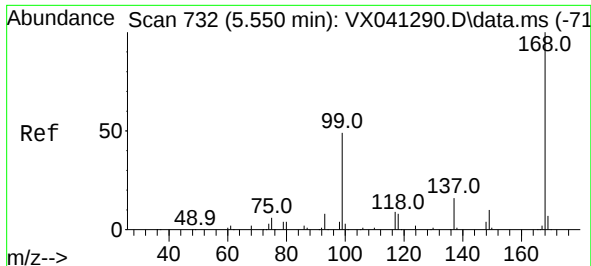
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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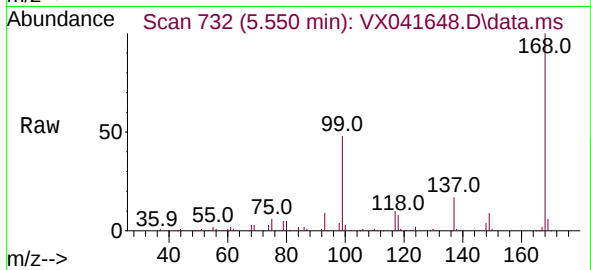
Quant Time: May 25 04:22:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
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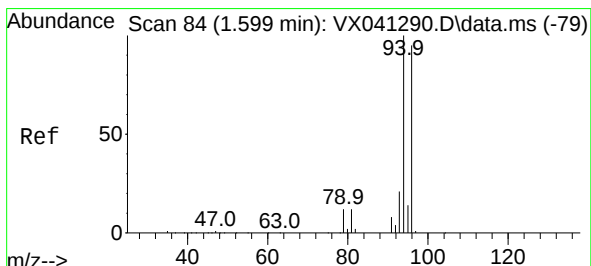
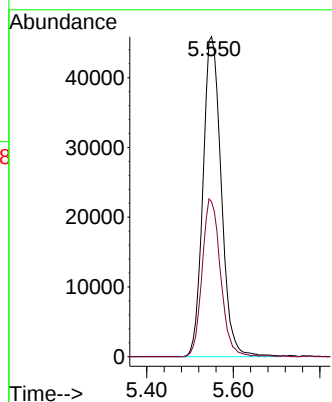
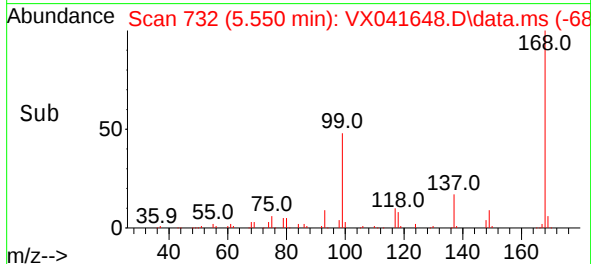


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041648.D
Acq: 24 May 2024 12:34

Instrument :
MSVOA_X
ClientSampleId :

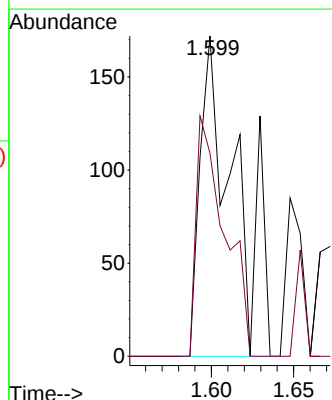
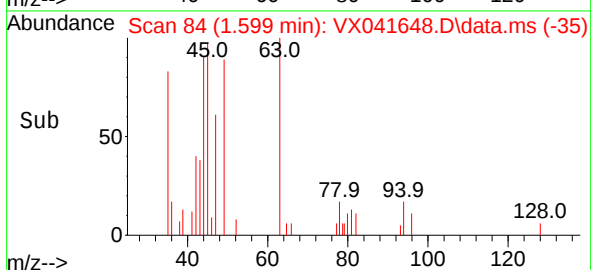
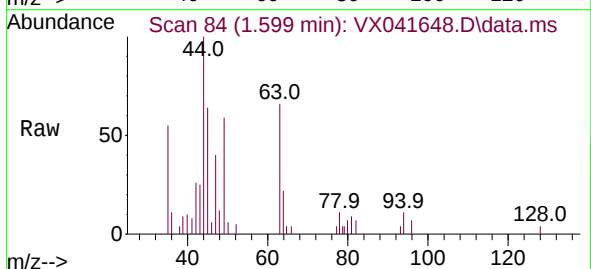


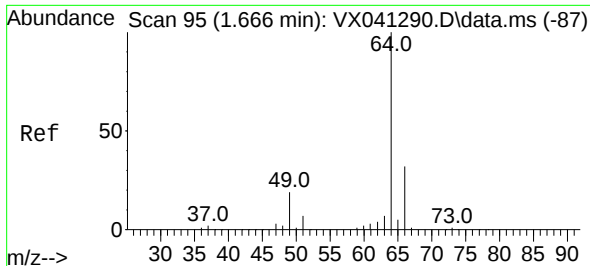
Tgt Ion:168 Resp: 134802
Ion Ratio Lower Upper
168 100
99 48.4 56.6 85.0#



#5
Bromomethane
Concen: 0.377 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041648.D
Acq: 24 May 2024 12:34

Tgt Ion: 94 Resp: 258
Ion Ratio Lower Upper
94 100
96 63.4 74.6 111.8#

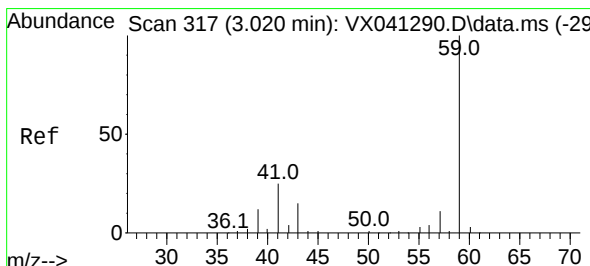
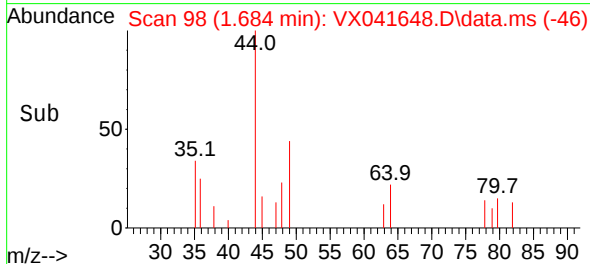
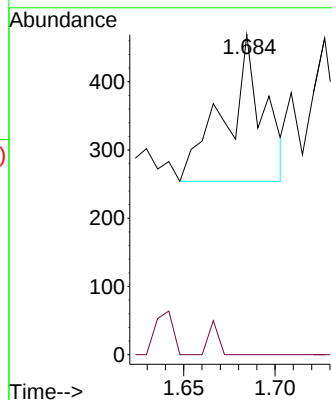
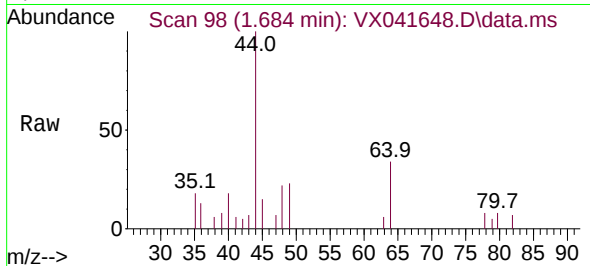




#6
Chloroethane
Concen: 0.613 ug/l
RT: 1.684 min Scan# 90
Delta R.T. 0.018 min
Lab File: VX041648.D
Acq: 24 May 2024 12:34

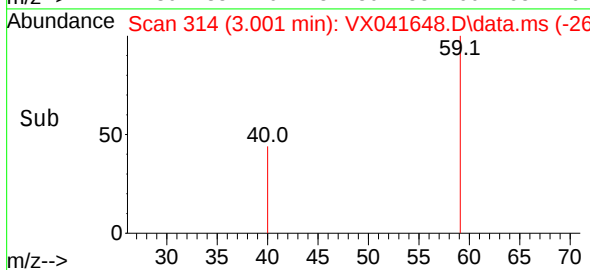
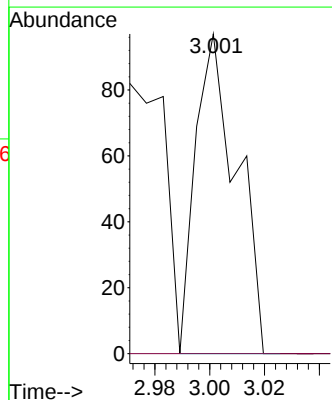
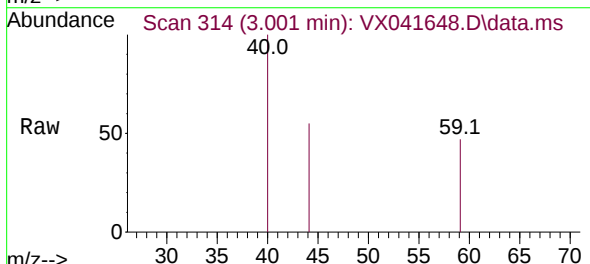
Instrument :
MSVOA_X
ClientSampleId :

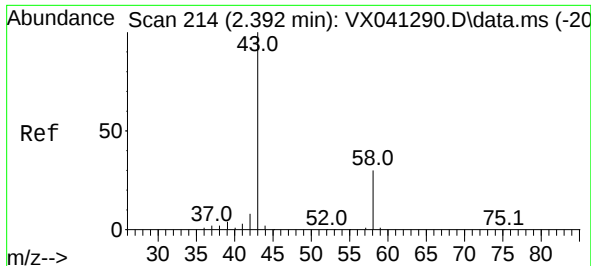
Tgt Ion: 64 Resp: 311
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.347 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.018 min
Lab File: VX041648.D
Acq: 24 May 2024 12:34

Tgt Ion: 59 Resp: 102
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 1.958 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041648.D

Acq: 24 May 2024 12:34

Instrument :

MSVOA_X

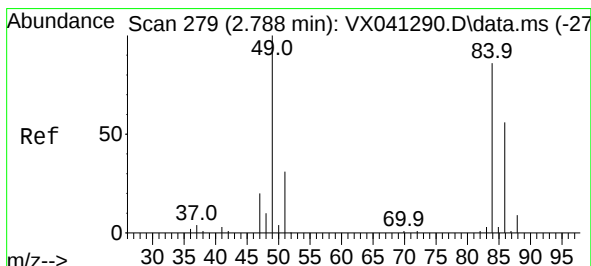
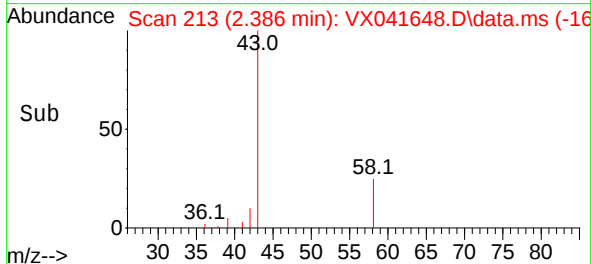
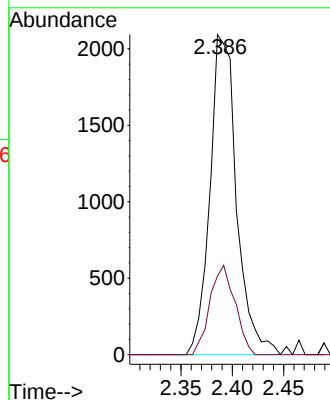
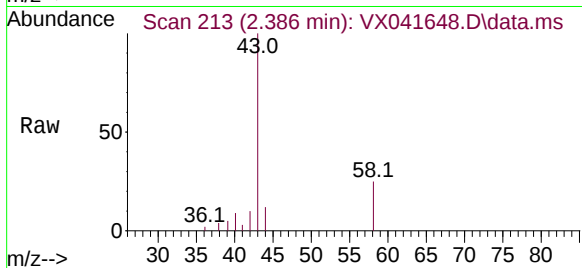
ClientSampleId :

Tgt Ion: 43 Resp: 3773

Ion Ratio Lower Upper

43 100

58 24.6 21.9 32.9



#20

Methylene Chloride

Concen: 1.564 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX041648.D

Acq: 24 May 2024 12:34

Tgt Ion: 84 Resp: 1992

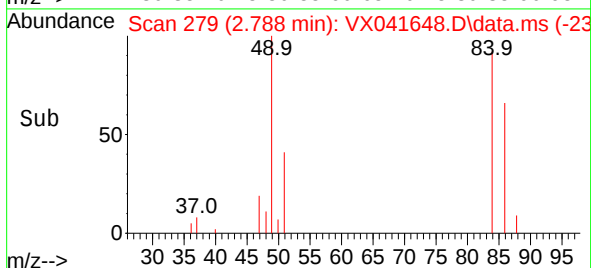
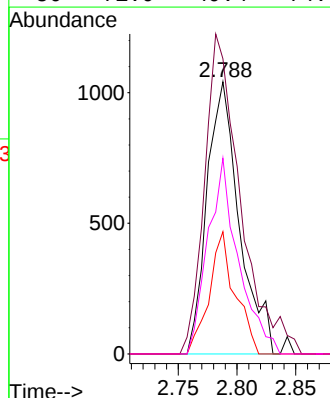
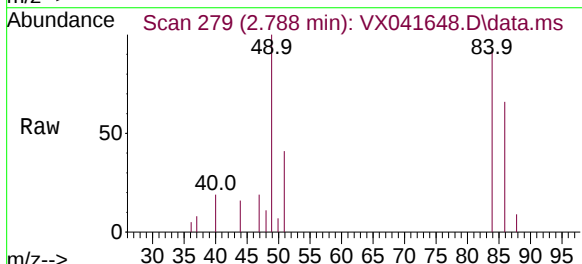
Ion Ratio Lower Upper

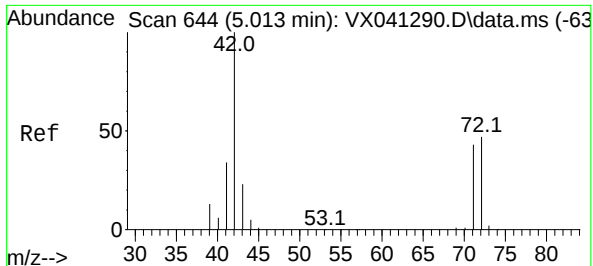
84 100

49 108.4 103.6 155.4

51 44.9 33.8 50.6

86 71.9 49.4 74.0





#29

Tetrahydrofuran

Concen: 0.209 ug/l

RT: 5.031 min Scan# 644

Delta R.T. 0.018 min

Lab File: VX041648.D

Acq: 24 May 2024 12:34

Instrument :

MSVOA_X

ClientSampleId :

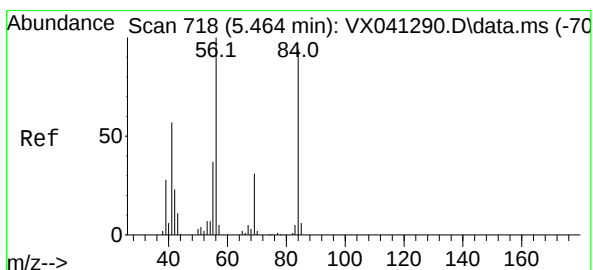
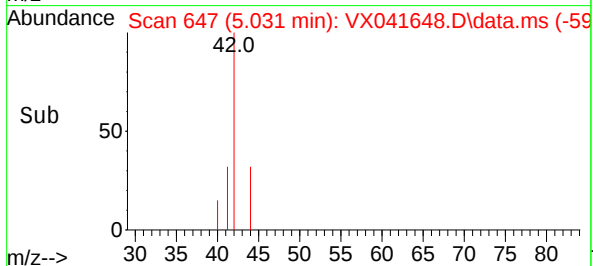
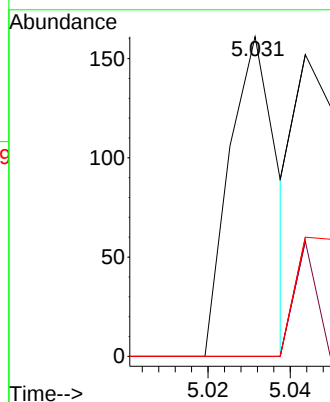
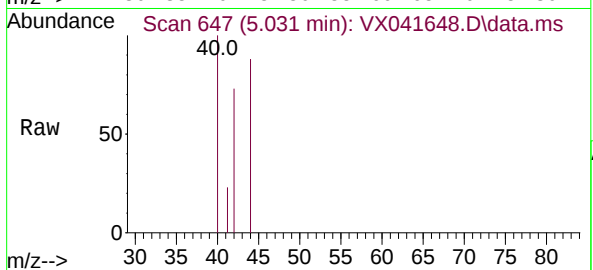
Tgt Ion: 42 Resp: 130

Ion Ratio Lower Upper

42 100

72 16.2 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.298 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.091 min

Lab File: VX041648.D

Acq: 24 May 2024 12:34

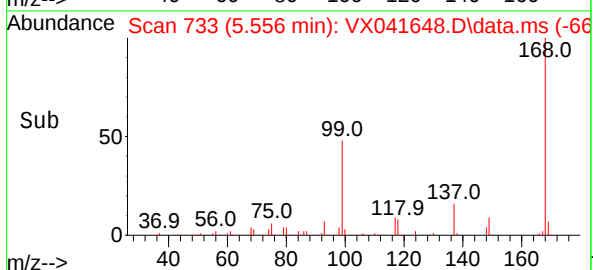
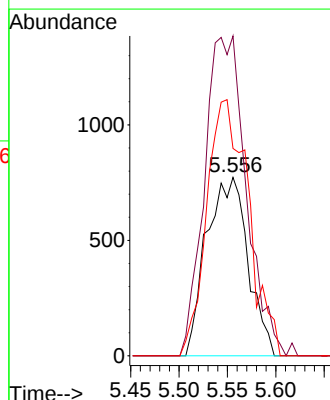
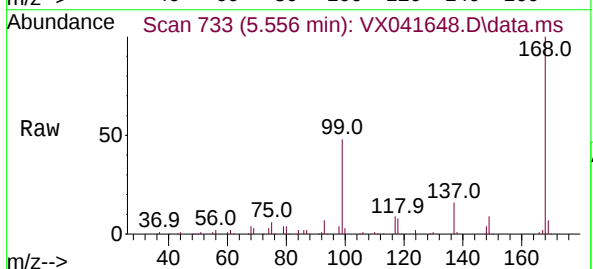
Tgt Ion: 56 Resp: 2299

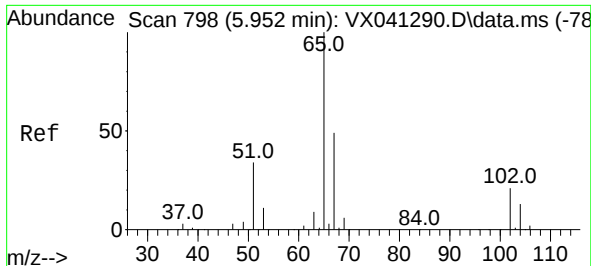
Ion Ratio Lower Upper

56 100

69 179.2 23.4 35.2#

84 116.2 65.9 98.9#

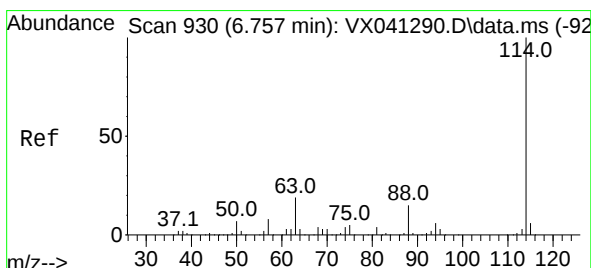
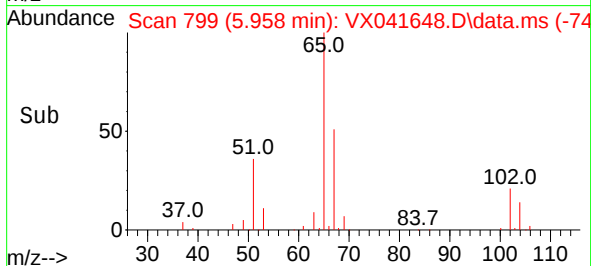
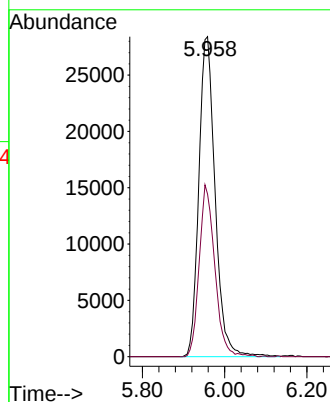
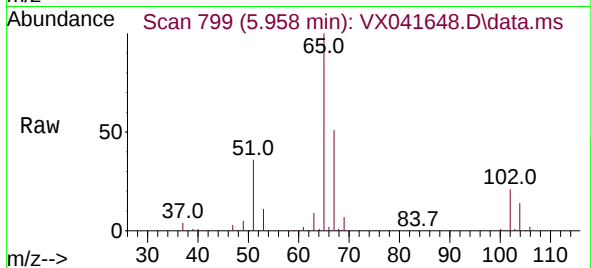




#33
 1,2-Dichloroethane-d4
 Concen: 53.192 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX041648.D
 Acq: 24 May 2024 12:34

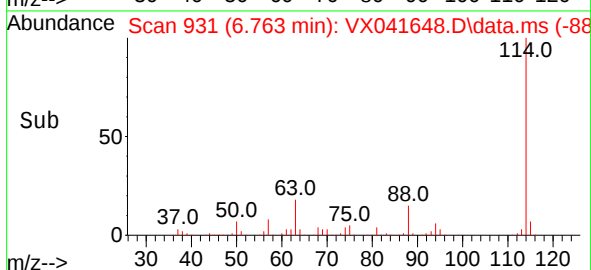
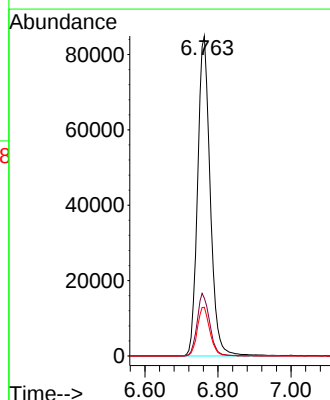
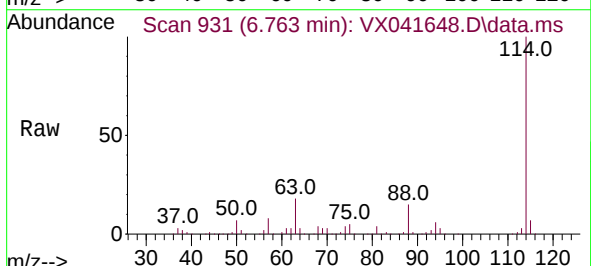
Instrument :
 MSVOA_X
 ClientSampleId :

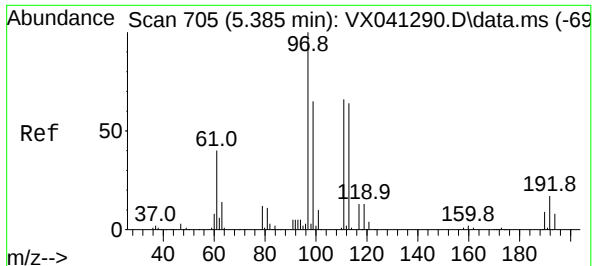
Tgt Ion: 65 Resp: 78060
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX041648.D
 Acq: 24 May 2024 12:34

Tgt Ion:114 Resp: 203971
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 45.0
 88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.492 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

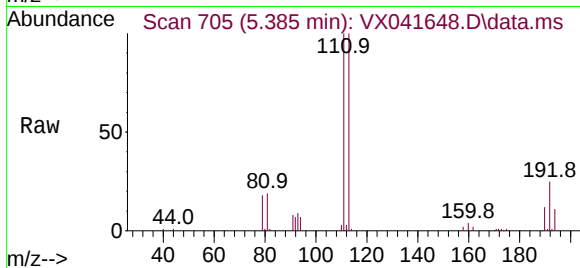
Lab File: VX041648.D

Acq: 24 May 2024 12:34

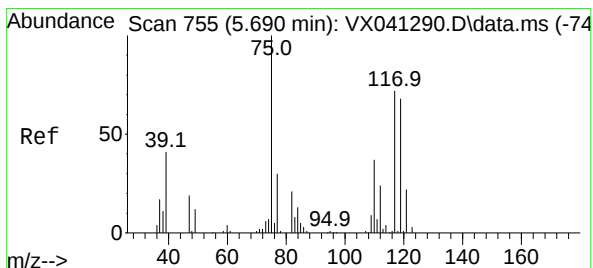
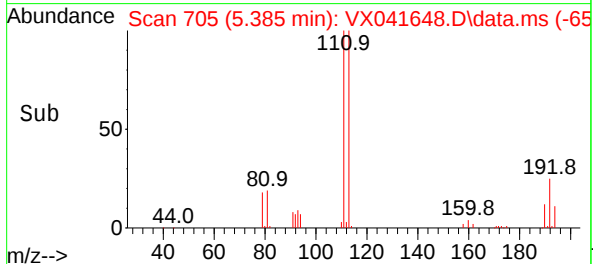
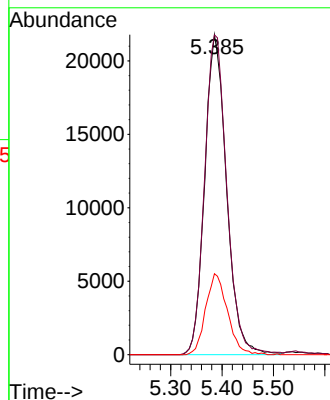
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	64263
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	25.3	13.3	19.9#



#36

1,1-Dichloropropene

Concen: 5.111 ug/l

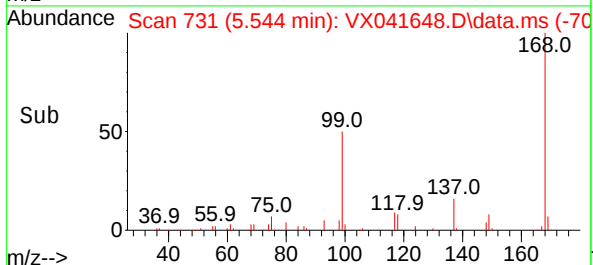
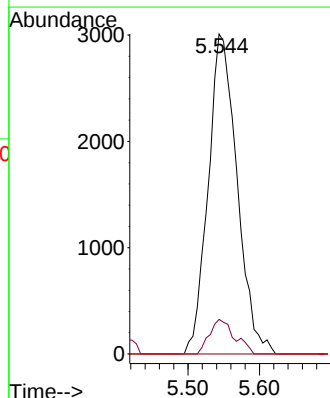
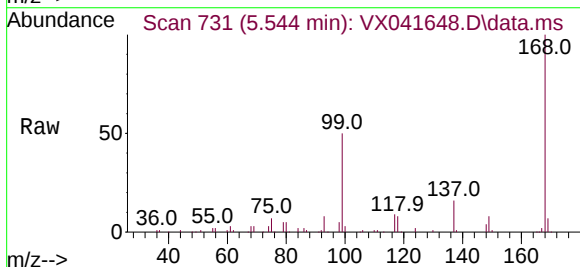
RT: 5.544 min Scan# 731

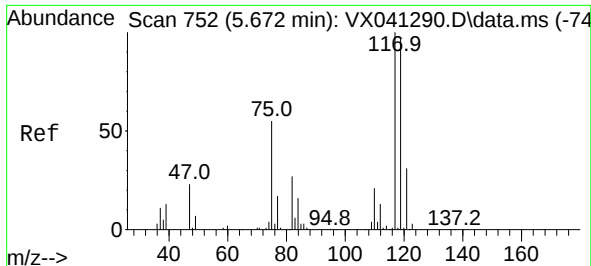
Delta R.T. -0.146 min

Lab File: VX041648.D

Acq: 24 May 2024 12:34

Tgt Ion:	75	Resp:	8447
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.0	50.9#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.302 ug/l

RT: 5.550 min Scan# 74

Delta R.T. -0.122 min

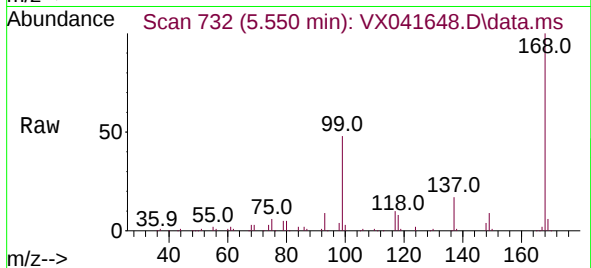
Lab File: VX041648.D

Acq: 24 May 2024 12:34

Instrument :

MSVOA_X

ClientSampleId :



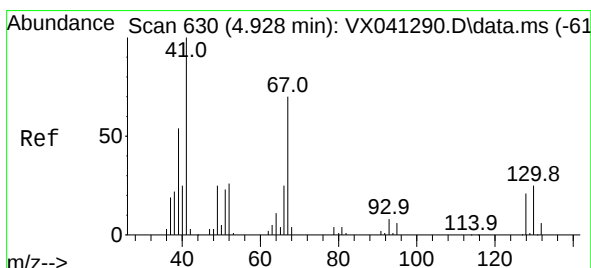
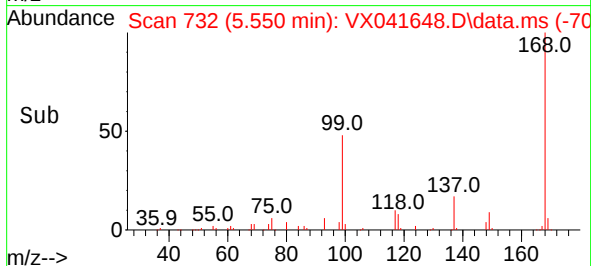
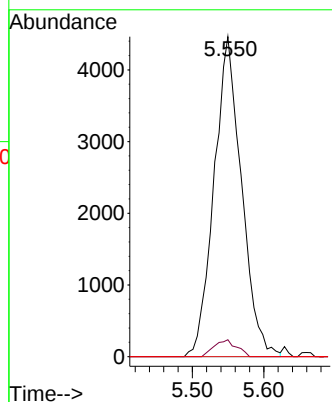
Tgt Ion:117 Resp: 11932

Ion Ratio Lower Upper

117 100

119 5.3 78.2 117.2#

121 0.0 24.4 36.6#



#41

Methacrylonitrile

Concen: 0.226 ug/l

RT: 5.062 min Scan# 652

Delta R.T. 0.134 min

Lab File: VX041648.D

Acq: 24 May 2024 12:34

Tgt Ion: 41 Resp: 240

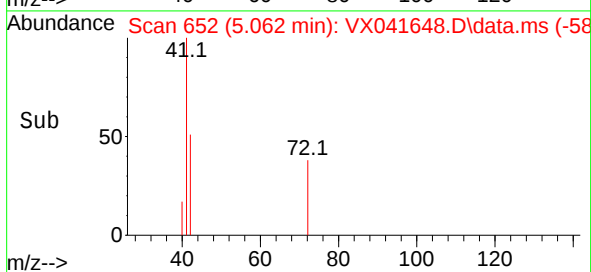
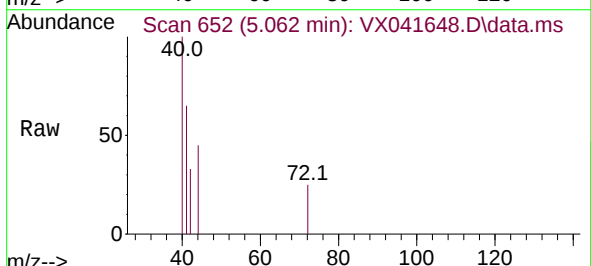
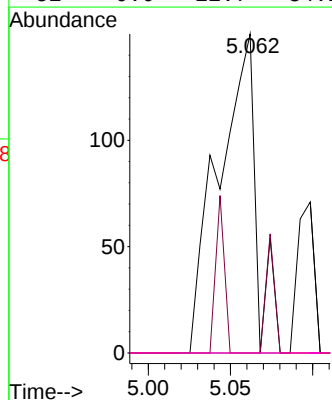
Ion Ratio Lower Upper

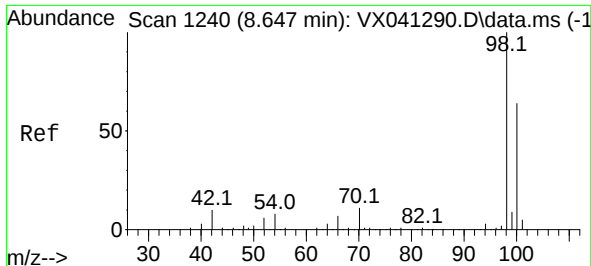
41 100

39 8.3 45.2 67.8#

67 0.0 52.6 78.8#

52 0.0 22.7 34.1#





#50

Toluene-d8

Concen: 54.098 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041648.D

Acq: 24 May 2024 12:34

Instrument :

MSVOA_X

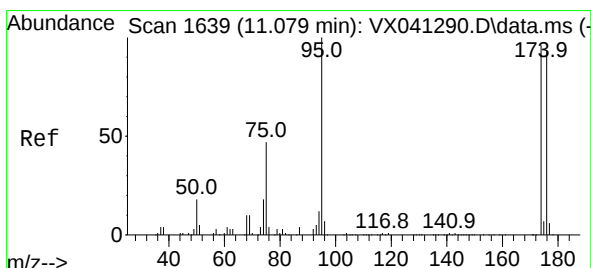
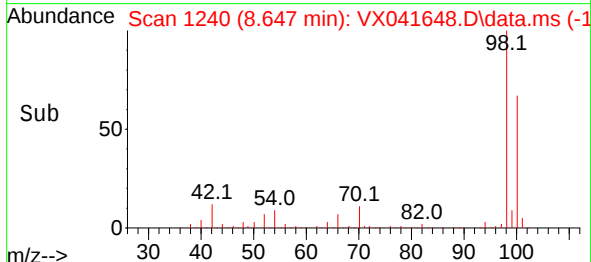
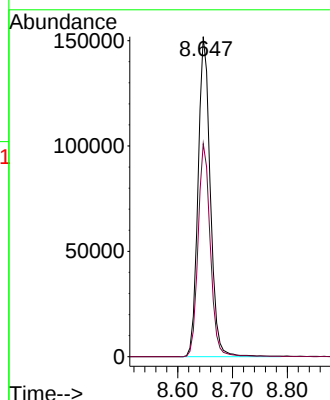
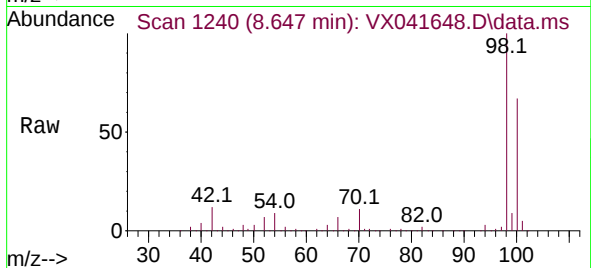
ClientSampleId :

Tgt Ion: 98 Resp: 236675

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 51.986 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041648.D

Acq: 24 May 2024 12:34

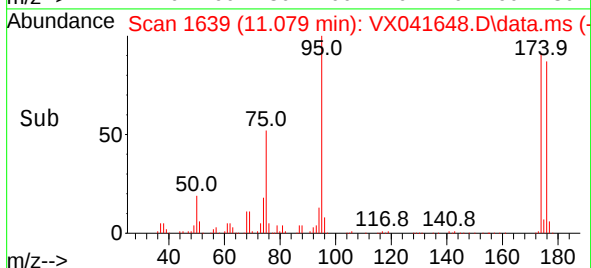
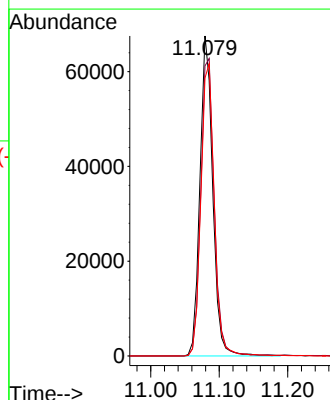
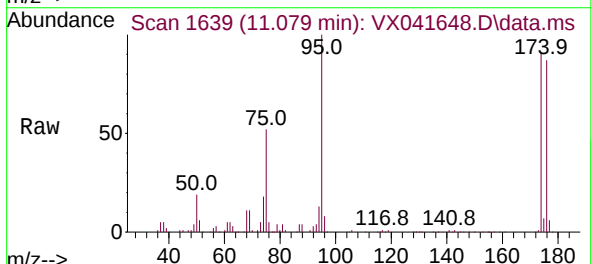
Tgt Ion: 95 Resp: 88042

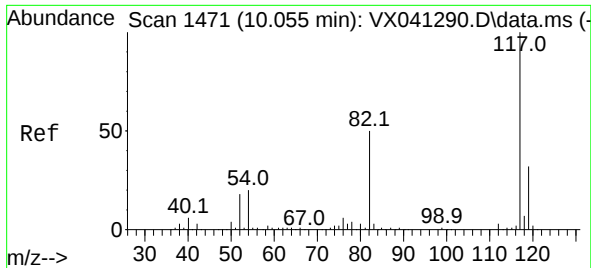
Ion Ratio Lower Upper

95 100

174 97.8 0.0 135.6

176 95.3 0.0 131.0

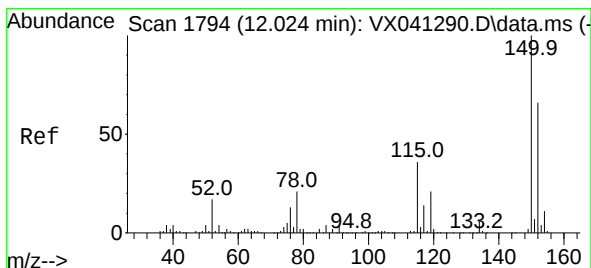
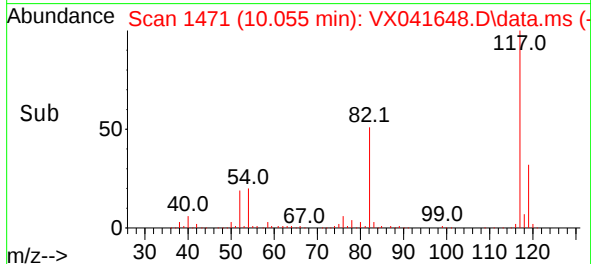
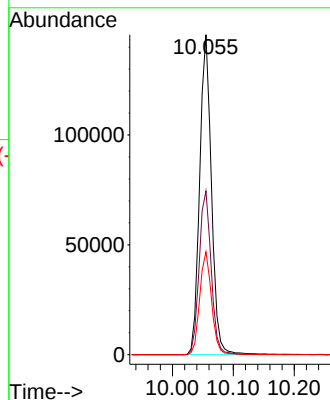
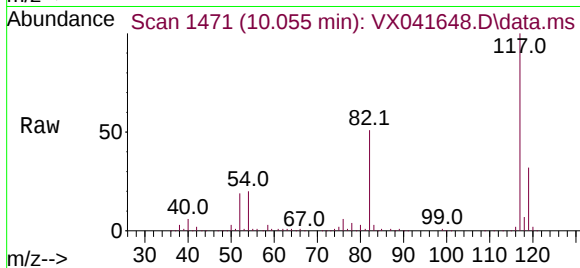




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041648.D
Acq: 24 May 2024 12:34

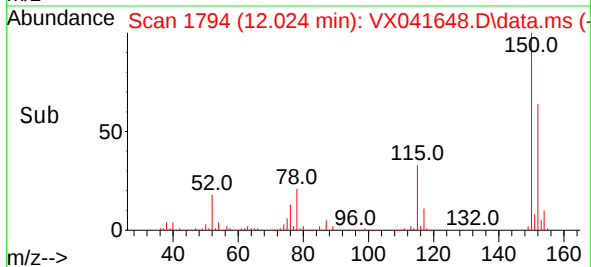
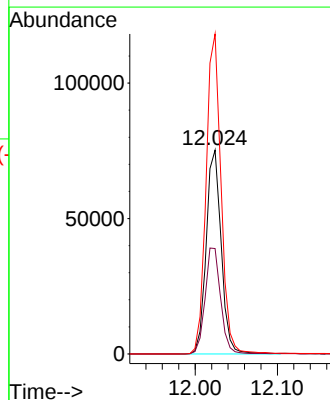
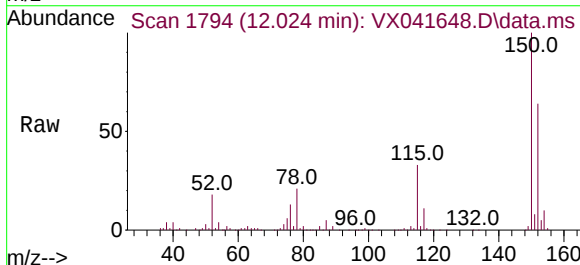
Instrument :
MSVOA_X
ClientSampleId :

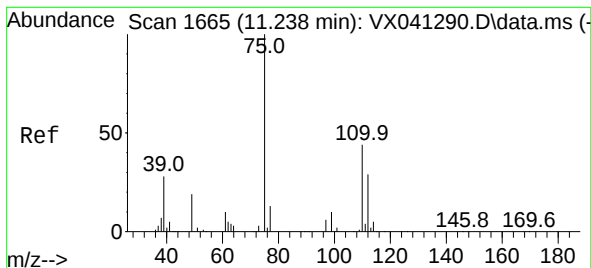
Tgt Ion:117 Resp: 195311
Ion Ratio Lower Upper
117 100
82 51.1 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041648.D
Acq: 24 May 2024 12:34

Tgt Ion:152 Resp: 95464
Ion Ratio Lower Upper
152 100
115 54.0 43.3 129.9
150 157.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.848 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX041648.D

Acq: 24 May 2024 12:34

Instrument :

MSVOA_X

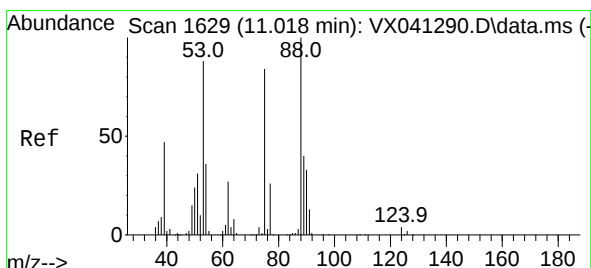
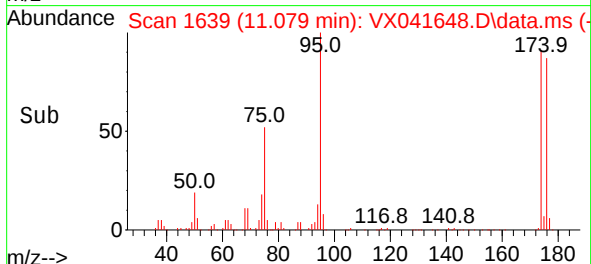
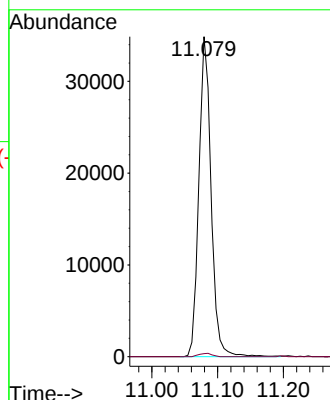
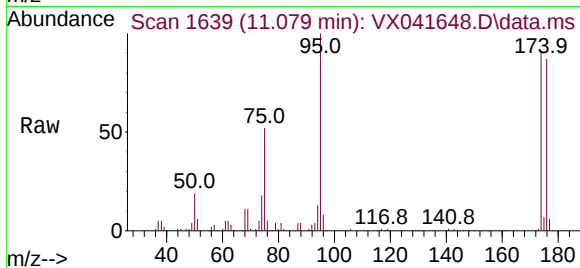
ClientSampleId :

Tgt Ion: 75 Resp: 44881

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.579 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041648.D

Acq: 24 May 2024 12:34

Tgt Ion: 75 Resp: 44881

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

