

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052424\
 Data File : VX041647.D
 Acq On : 24 May 2024 12:11
 Operator : JC/MD
 Sample : P2602-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 25 04:22:01 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)

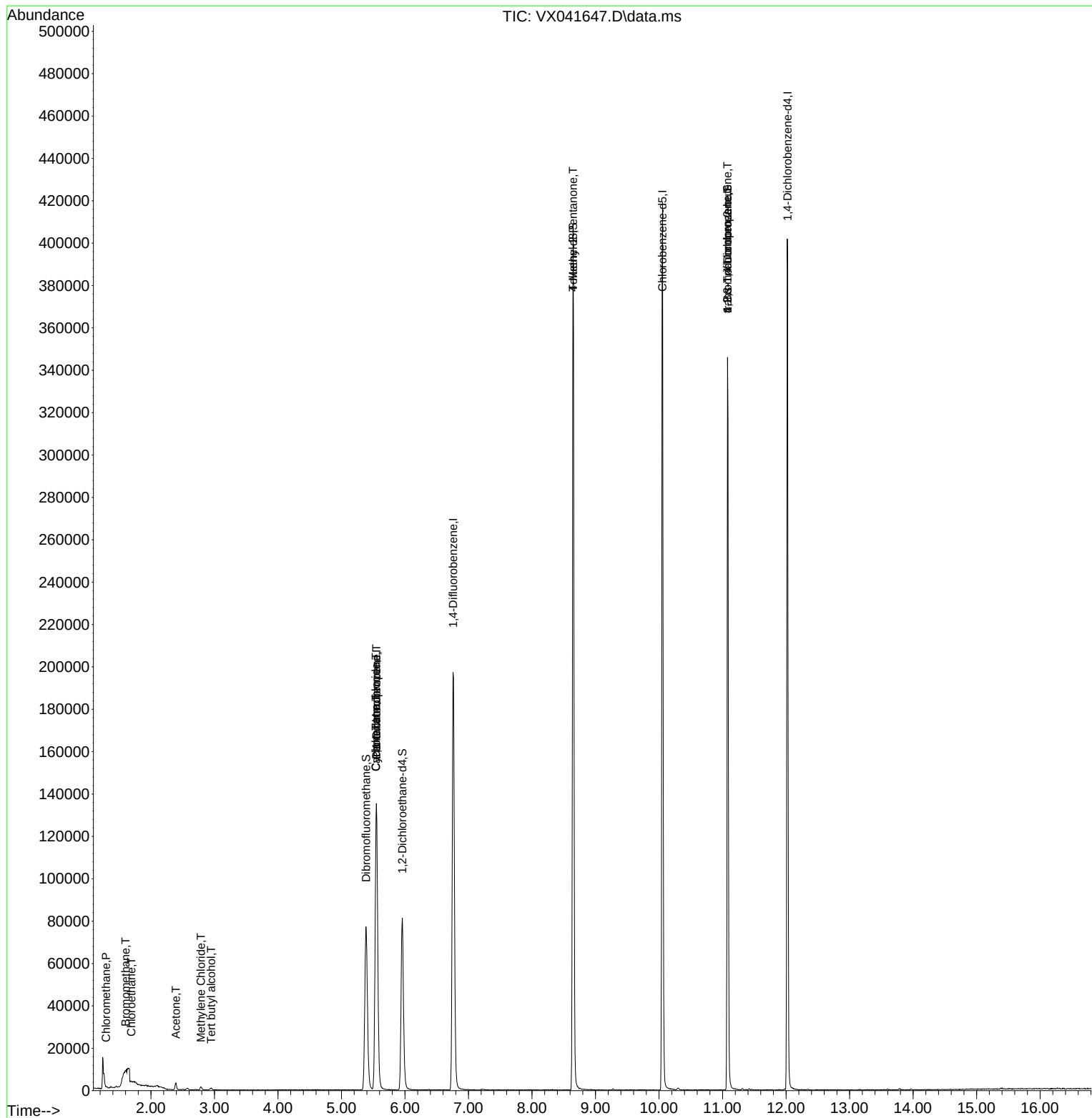
Internal Standards						
1) Pentafluorobenzene	5.550	168	143007	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	210975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80471	51.689	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.380%	
35) Dibromofluoromethane	5.385	113	66379	46.428	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.860%	
50) Toluene-d8	8.647	98	243925	53.904	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.800%	
62) 4-Bromofluorobenzene	11.079	95	88760	50.670	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	381	0.313	ug/l	98
5) Bromomethane	1.599	94	195	0.268	ug/l #	77
6) Chloroethane	1.691	64	296	0.550	ug/l #	43
11) Tert butyl alcohol	2.947	59	612	1.964	ug/l #	78
16) Acetone	2.392	43	3489	1.196	ug/l #	88
20) Methylene Chloride	2.788	84	814	0.602	ug/l #	83
31) Cyclohexane	5.544	56	2503	1.332	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9327	5.456	ug/l #	50
38) Carbon Tetrachloride	5.544	117	12730	6.500	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1159	0.602	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45022	29.674	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	45022	80.827	ug/l #	5

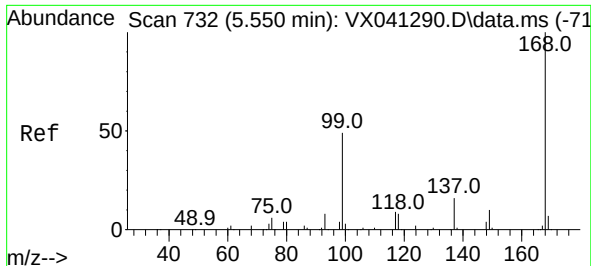
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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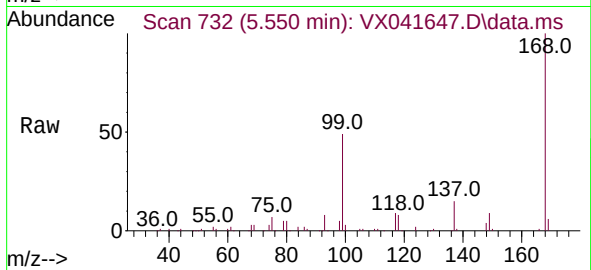
Quant Time: May 25 04:22:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



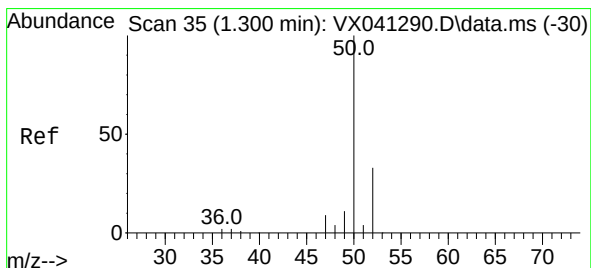
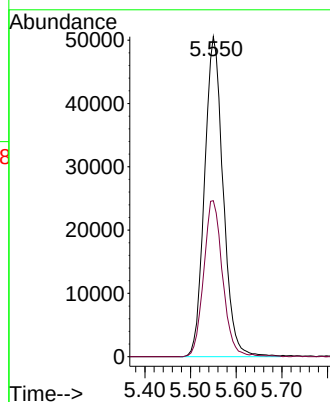
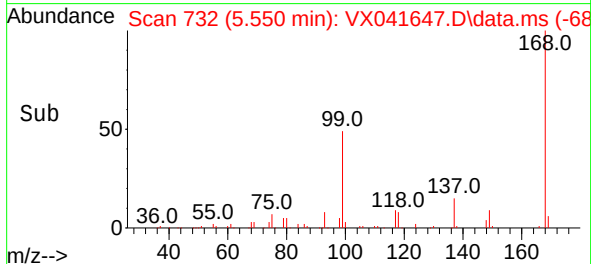


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041647.D
Acq: 24 May 2024 12:11

Instrument :
MSVOA_X
ClientSampleId :

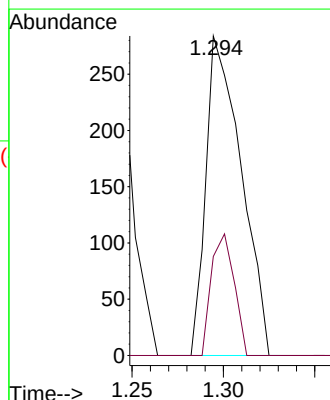
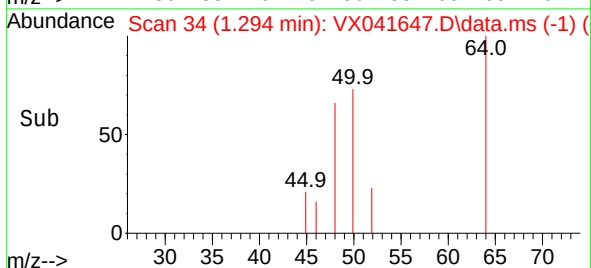
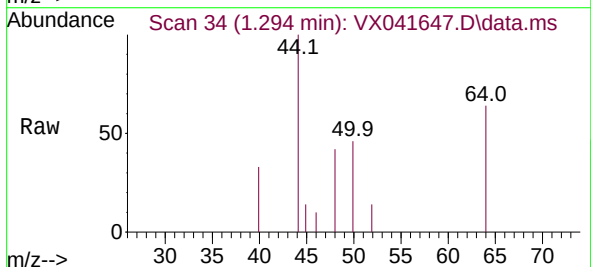


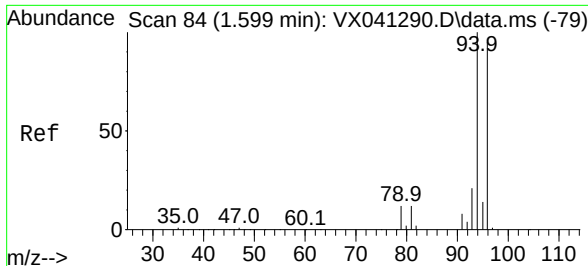
Tgt Ion:168 Resp: 143007
Ion Ratio Lower Upper
168 100
99 48.8 56.6 85.0#



#3
Chloromethane
Concen: 0.313 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041647.D
Acq: 24 May 2024 12:11

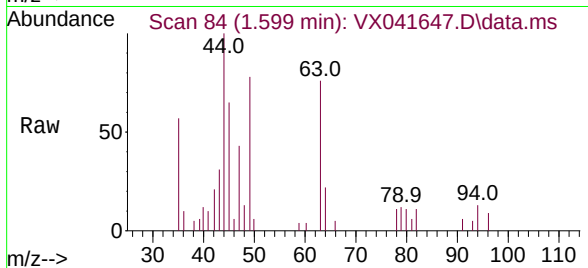
Tgt Ion: 50 Resp: 381
Ion Ratio Lower Upper
50 100
52 31.0 25.5 38.3



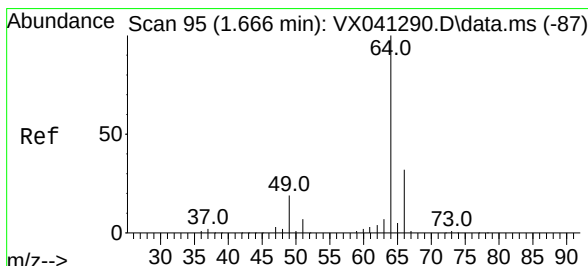
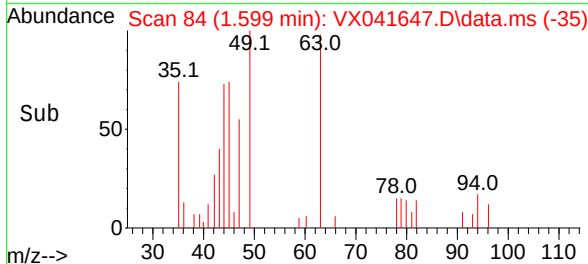
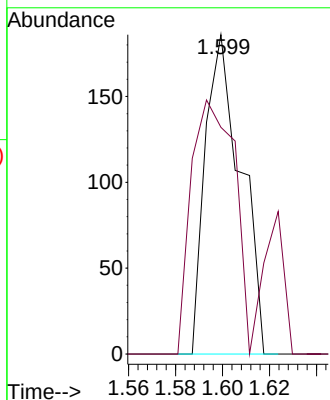


#5
Bromomethane
Concen: 0.268 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041647.D
Acq: 24 May 2024 12:11

Instrument :
MSVOA_X
ClientSampleId :

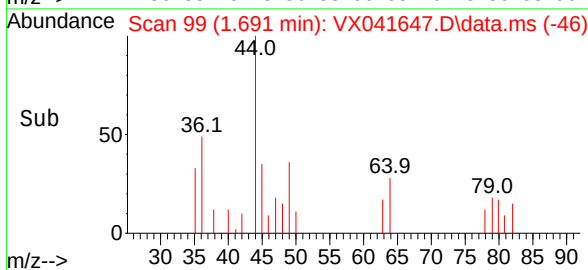
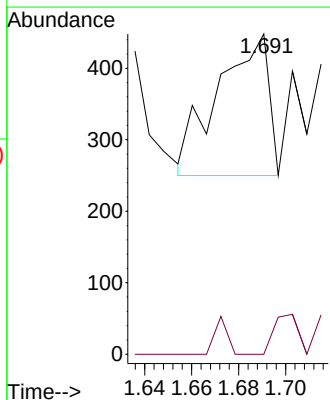
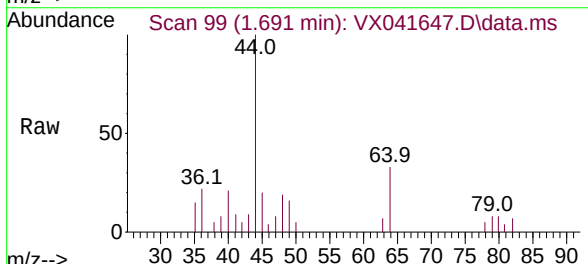


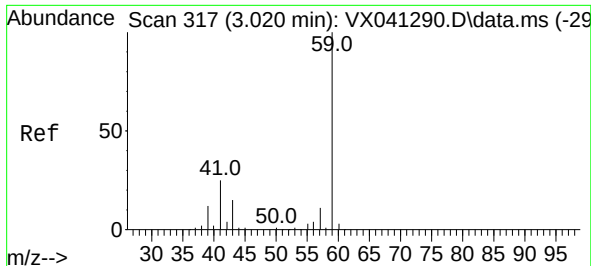
Tgt Ion: 94 Resp: 195
Ion Ratio Lower Upper
94 100
96 71.0 74.6 111.8#



#6
Chloroethane
Concen: 0.550 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.024 min
Lab File: VX041647.D
Acq: 24 May 2024 12:11

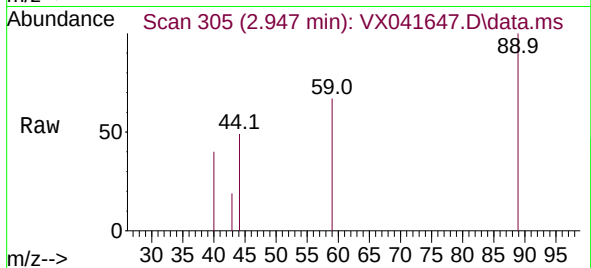
Tgt Ion: 64 Resp: 296
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



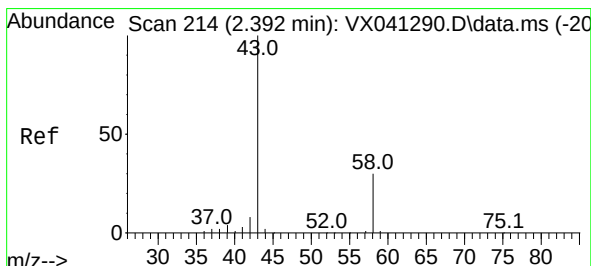
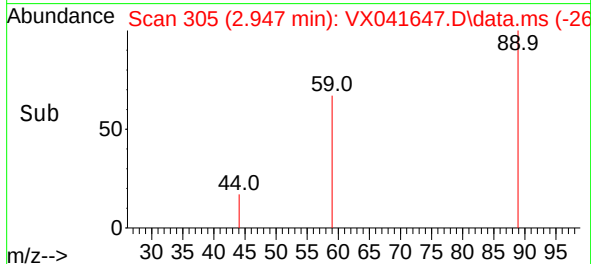
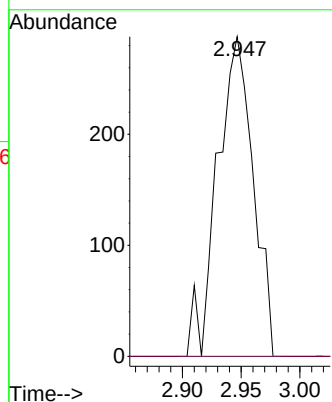


#11
Tert butyl alcohol
Concen: 1.964 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX041647.D
Acq: 24 May 2024 12:11

Instrument :
MSVOA_X
ClientSampleId :

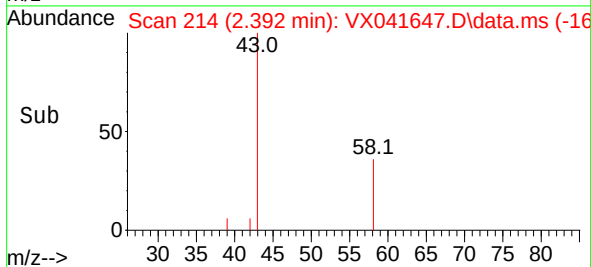
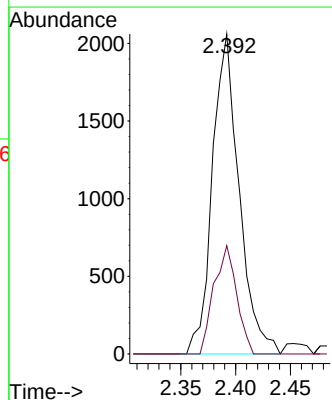
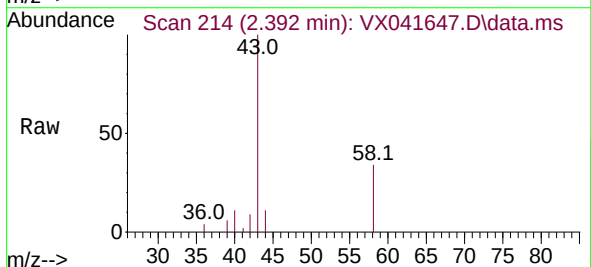


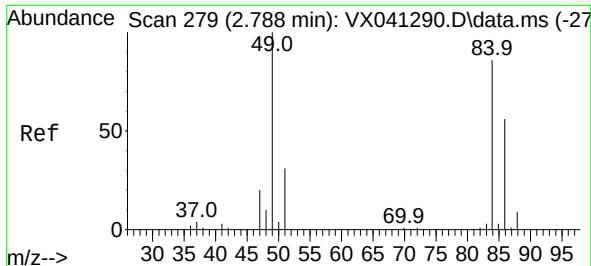
Tgt Ion: 59 Resp: 612
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.196 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041647.D
Acq: 24 May 2024 12:11

Tgt Ion: 43 Resp: 3489
Ion Ratio Lower Upper
43 100
58 33.9 21.9 32.9#





#20

Methylene Chloride

Concen: 0.602 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

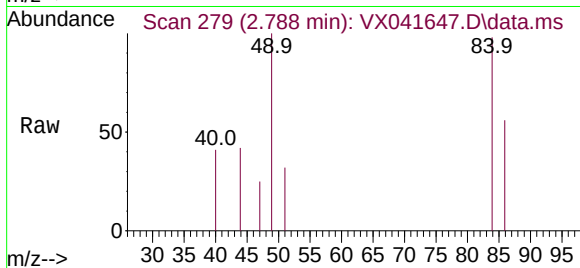
Lab File: VX041647.D

Acq: 24 May 2024 12:11

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 814

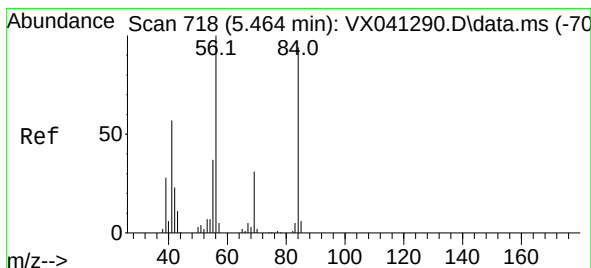
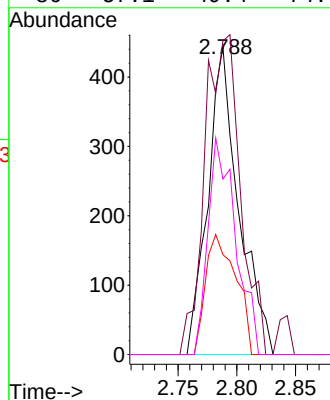
Ion Ratio Lower Upper

84 100

49 102.0 103.6 155.4#

51 32.5 33.8 50.6#

86 57.1 49.4 74.0



#31

Cyclohexane

Concen: 1.332 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX041647.D

Acq: 24 May 2024 12:11

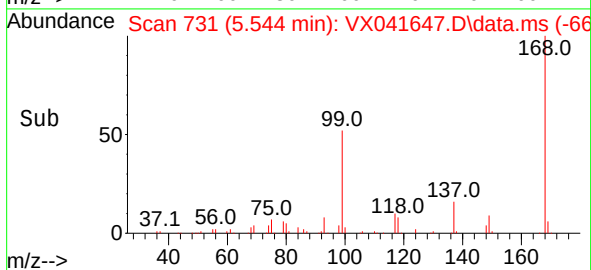
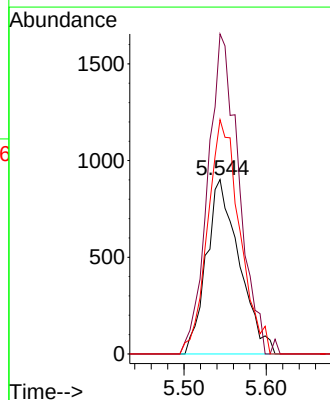
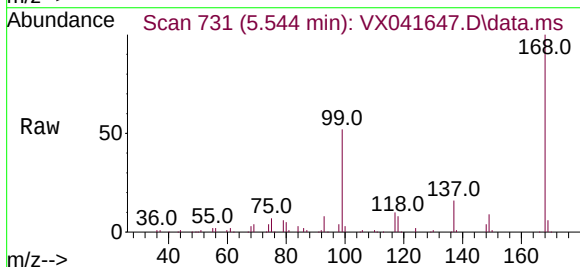
Tgt Ion: 56 Resp: 2503

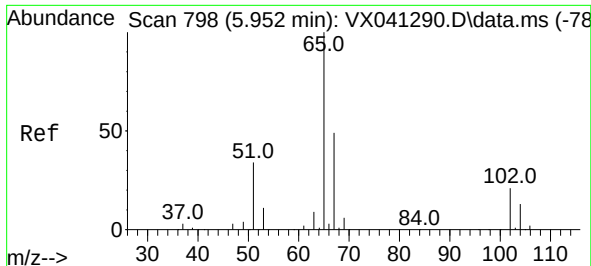
Ion Ratio Lower Upper

56 100

69 183.5 23.4 35.2#

84 134.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 51.689 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041647.D

Acq: 24 May 2024 12:11

Instrument :

MSVOA_X

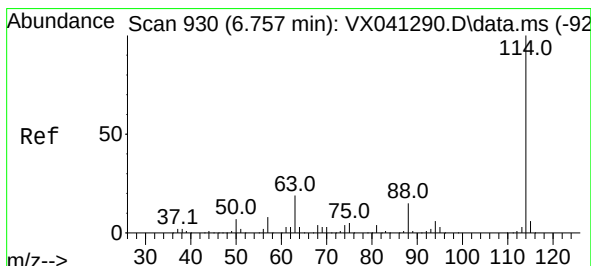
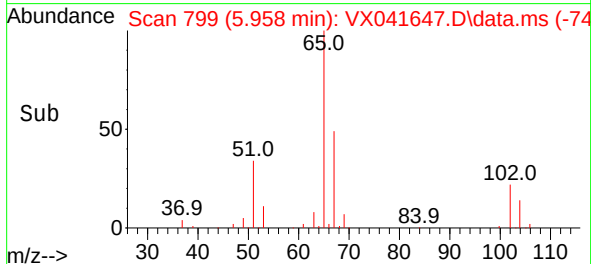
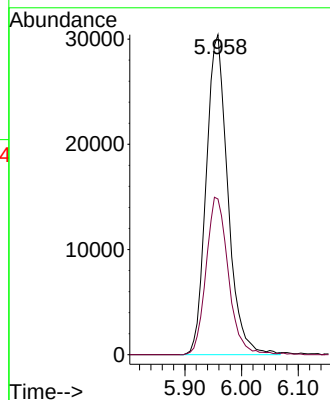
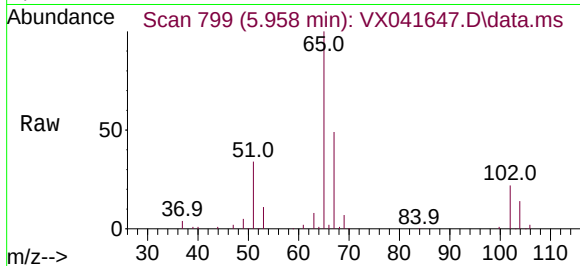
ClientSampleId :

Tgt Ion: 65 Resp: 80471

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041647.D

Acq: 24 May 2024 12:11

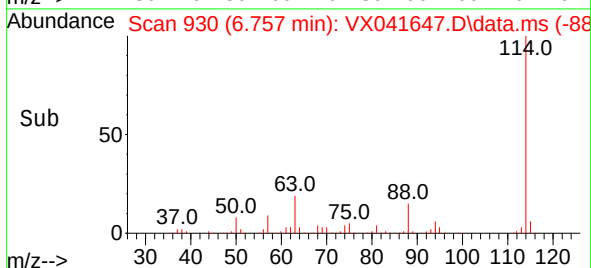
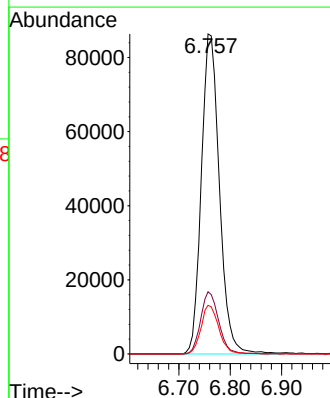
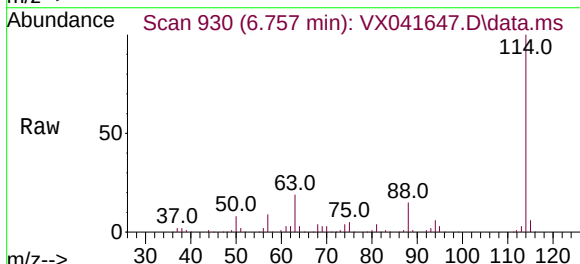
Tgt Ion: 114 Resp: 210975

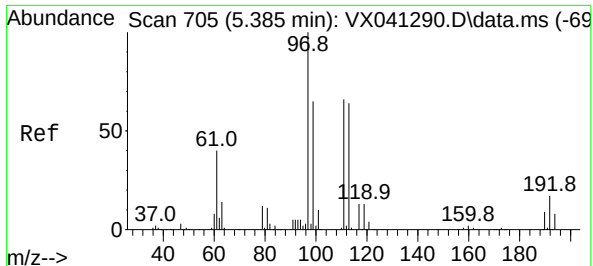
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.428 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

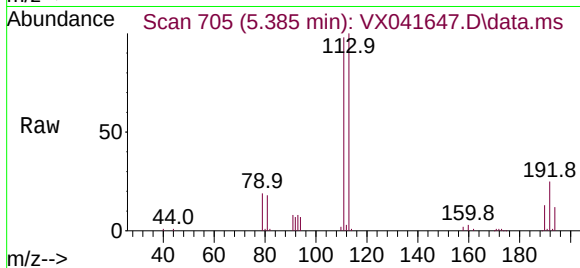
Lab File: VX041647.D

Acq: 24 May 2024 12:11

Instrument :

MSVOA_X

ClientSampleId :



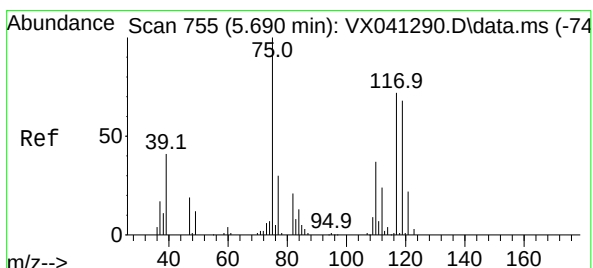
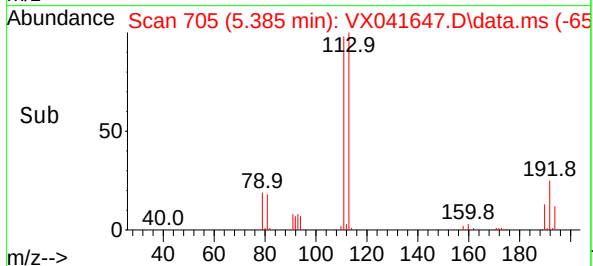
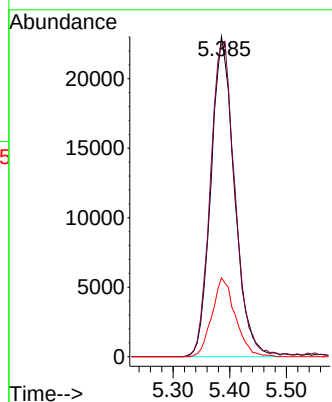
Tgt Ion:113 Resp: 66379

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 24.4 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 5.456 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX041647.D

Acq: 24 May 2024 12:11

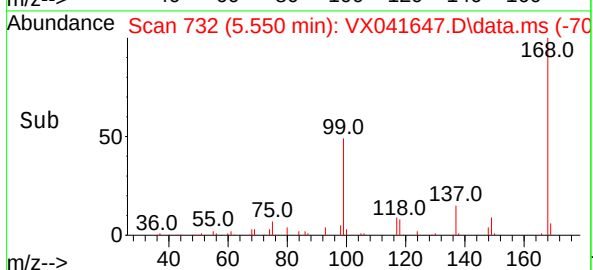
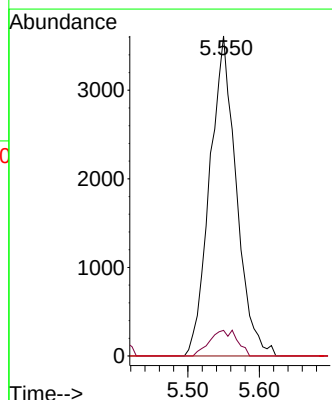
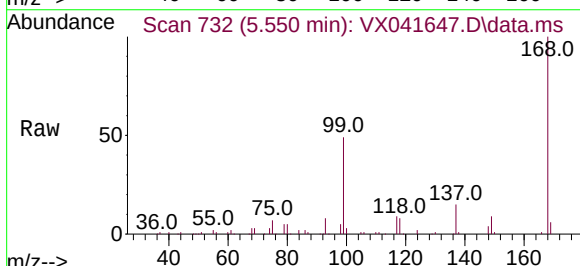
Tgt Ion: 75 Resp: 9327

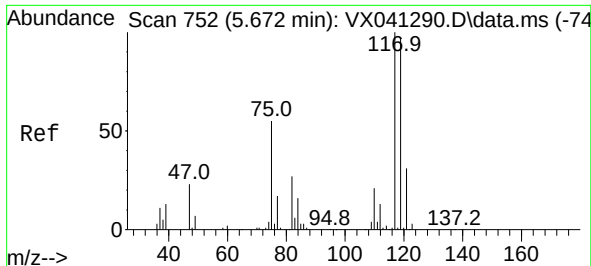
Ion Ratio Lower Upper

75 100

110 8.4 17.0 50.9#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.500 ug/l

RT: 5.544 min Scan# 752

Delta R.T. -0.128 min

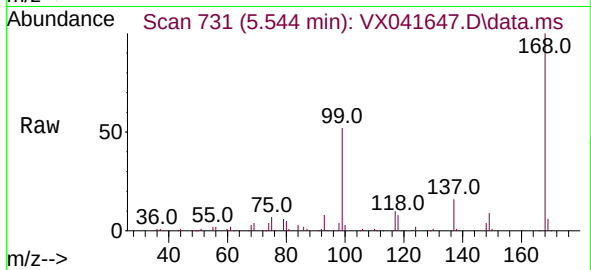
Lab File: VX041647.D

Acq: 24 May 2024 12:11

Instrument :

MSVOA_X

ClientSampleId :



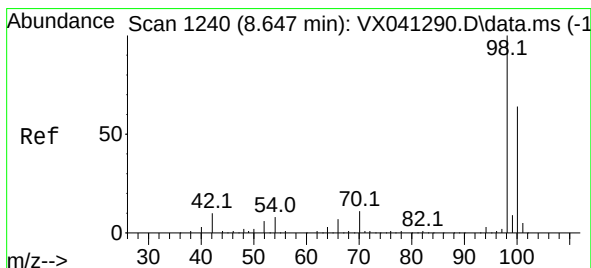
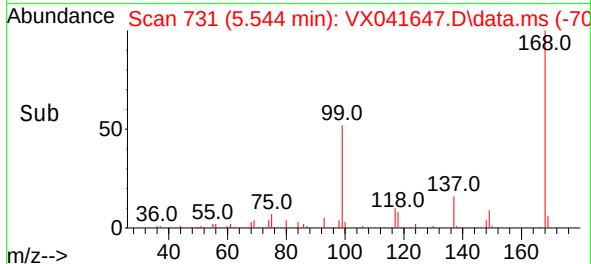
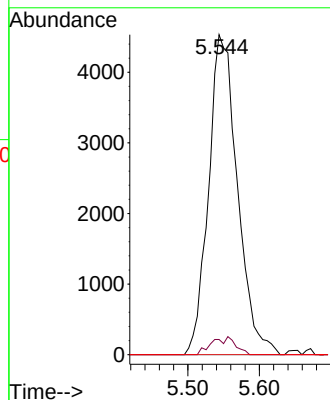
Tgt Ion:117 Resp: 12730

Ion Ratio Lower Upper

117 100

119 4.7 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 53.904 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041647.D

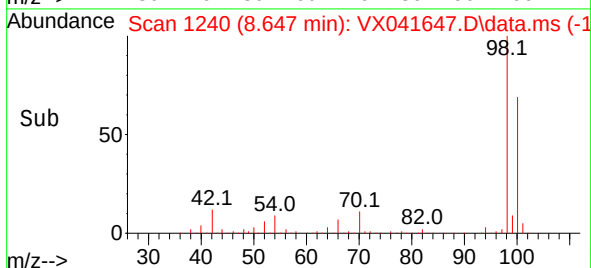
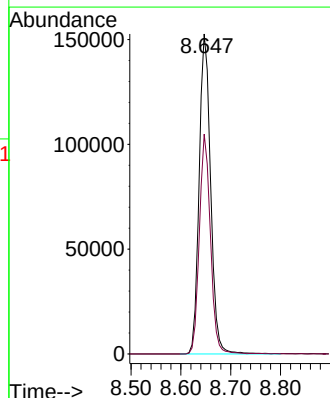
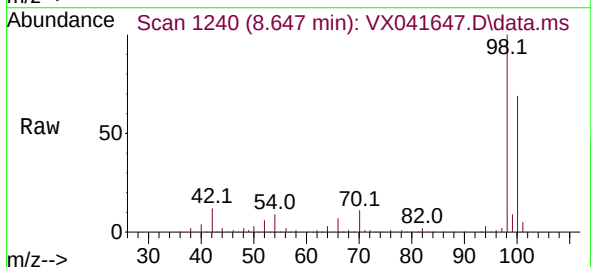
Acq: 24 May 2024 12:11

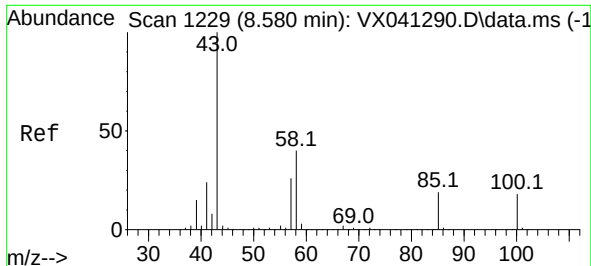
Tgt Ion: 98 Resp: 243925

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7

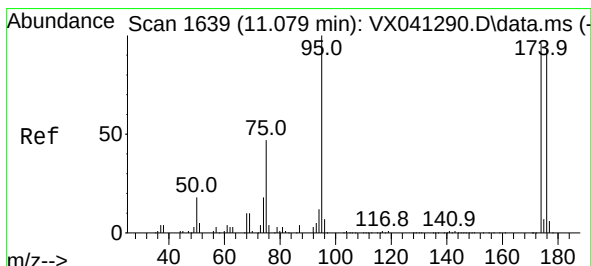
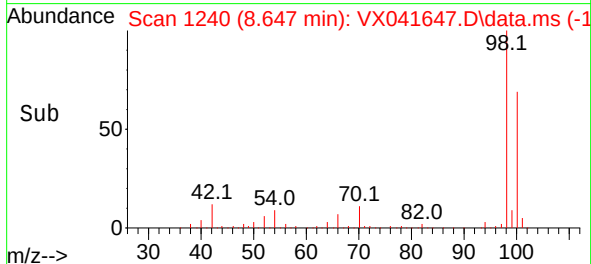
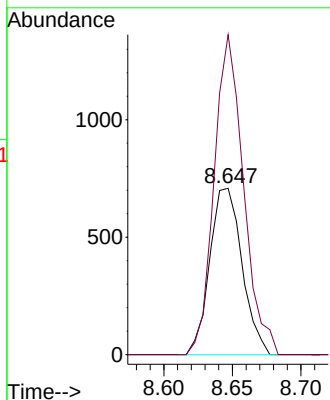
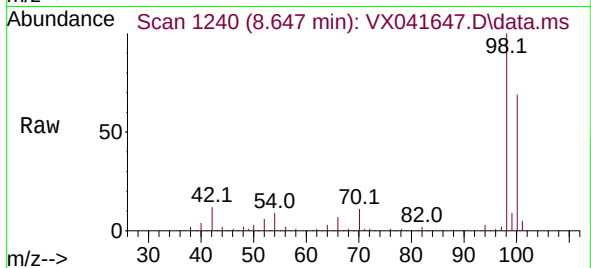




#51
4-Methyl-2-Pentanone
Concen: 0.602 ug/l
RT: 8.647 min Scan# 1159
Delta R.T. 0.067 min
Lab File: VX041647.D
Acq: 24 May 2024 12:11

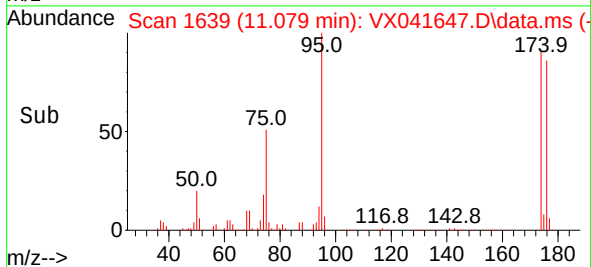
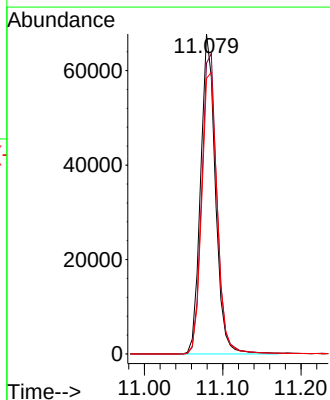
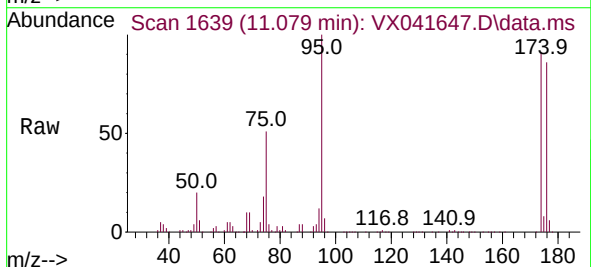
Instrument :
MSVOA_X
ClientSampleId :

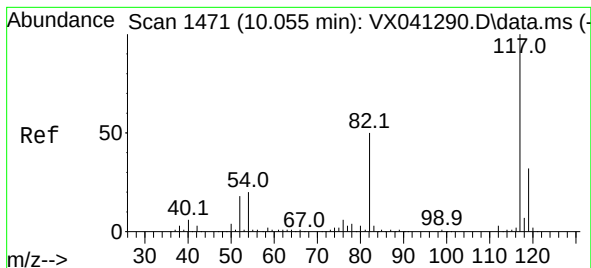
Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
58 175.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.670 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041647.D
Acq: 24 May 2024 12:11

Tgt Ion: 95 Resp: 88760
Ion Ratio Lower Upper
95 100
174 97.2 0.0 135.6
176 93.3 0.0 131.0

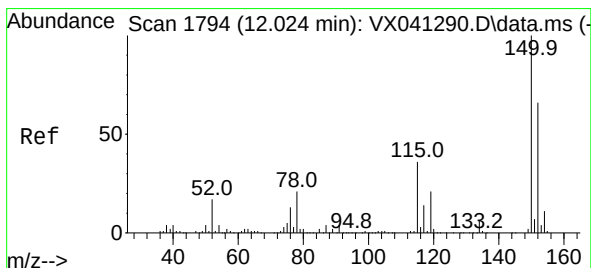
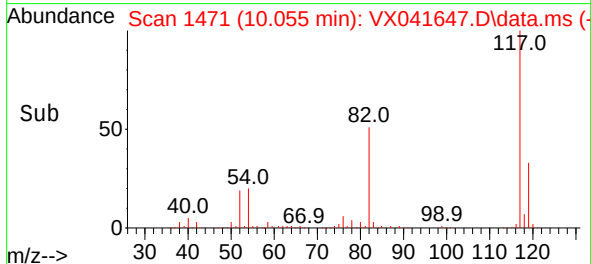
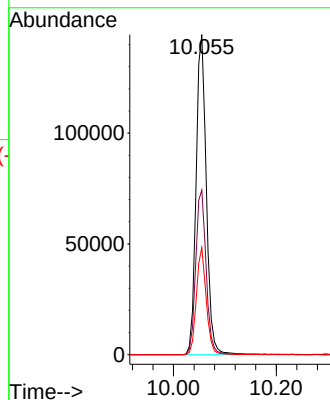
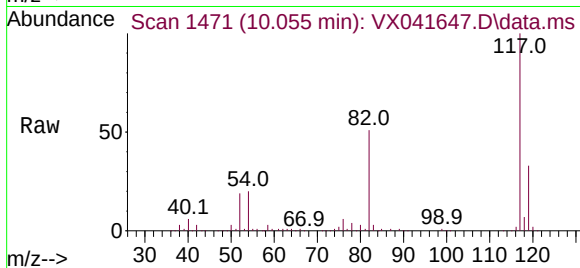




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041647.D
Acq: 24 May 2024 12:11

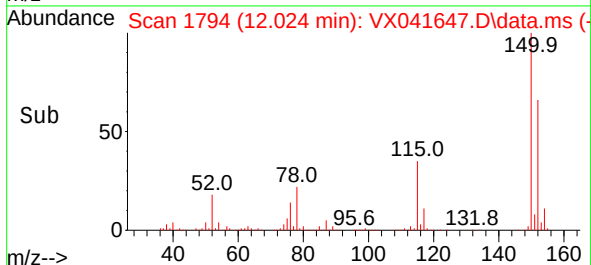
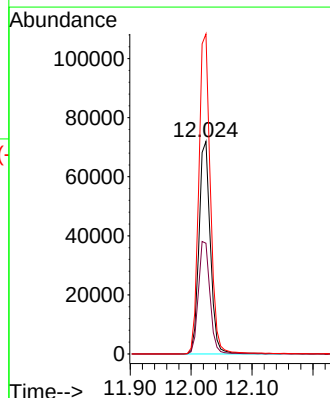
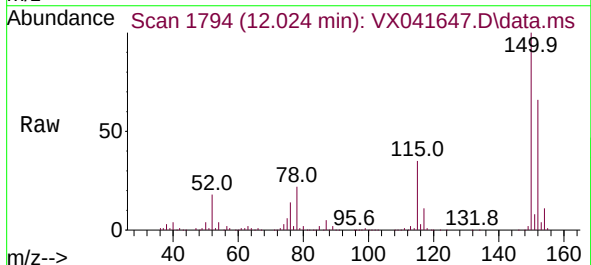
Instrument :
MSVOA_X
ClientSampleId :

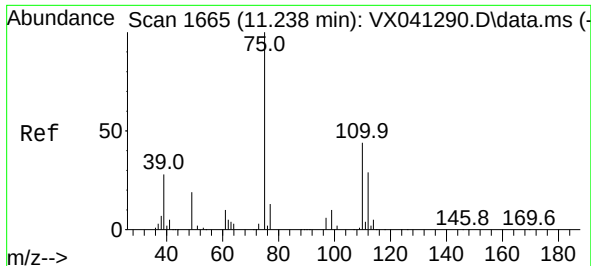
Tgt Ion:117 Resp: 200207
Ion Ratio Lower Upper
117 100
82 51.4 46.2 69.4
119 33.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041647.D
Acq: 24 May 2024 12:11

Tgt Ion:152 Resp: 93100
Ion Ratio Lower Upper
152 100
115 53.8 43.3 129.9
150 153.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 29.674 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041647.D

Acq: 24 May 2024 12:11

Instrument :

MSVOA_X

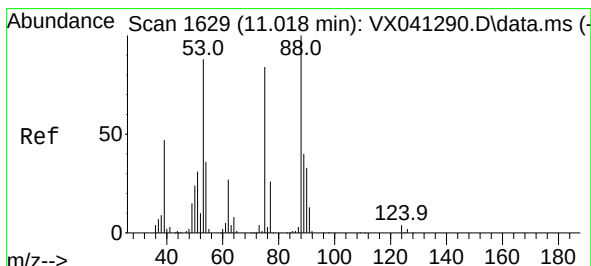
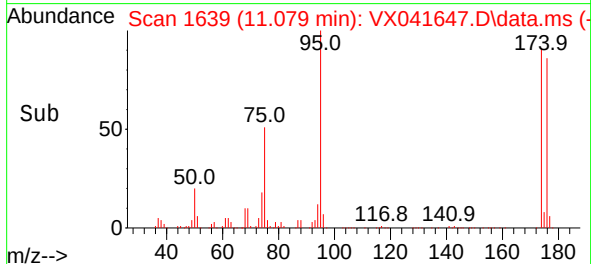
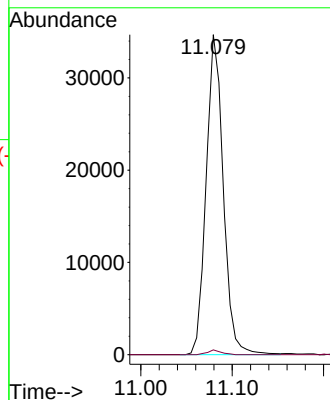
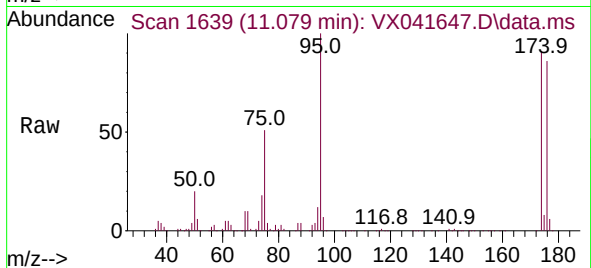
ClientSampleId :

Tgt Ion: 75 Resp: 45022

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.827 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041647.D

Acq: 24 May 2024 12:11

Tgt Ion: 75 Resp: 45022

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

