

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052424\
 Data File : VX041646.D
 Acq On : 24 May 2024 11:48
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 25 04:21:39 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)

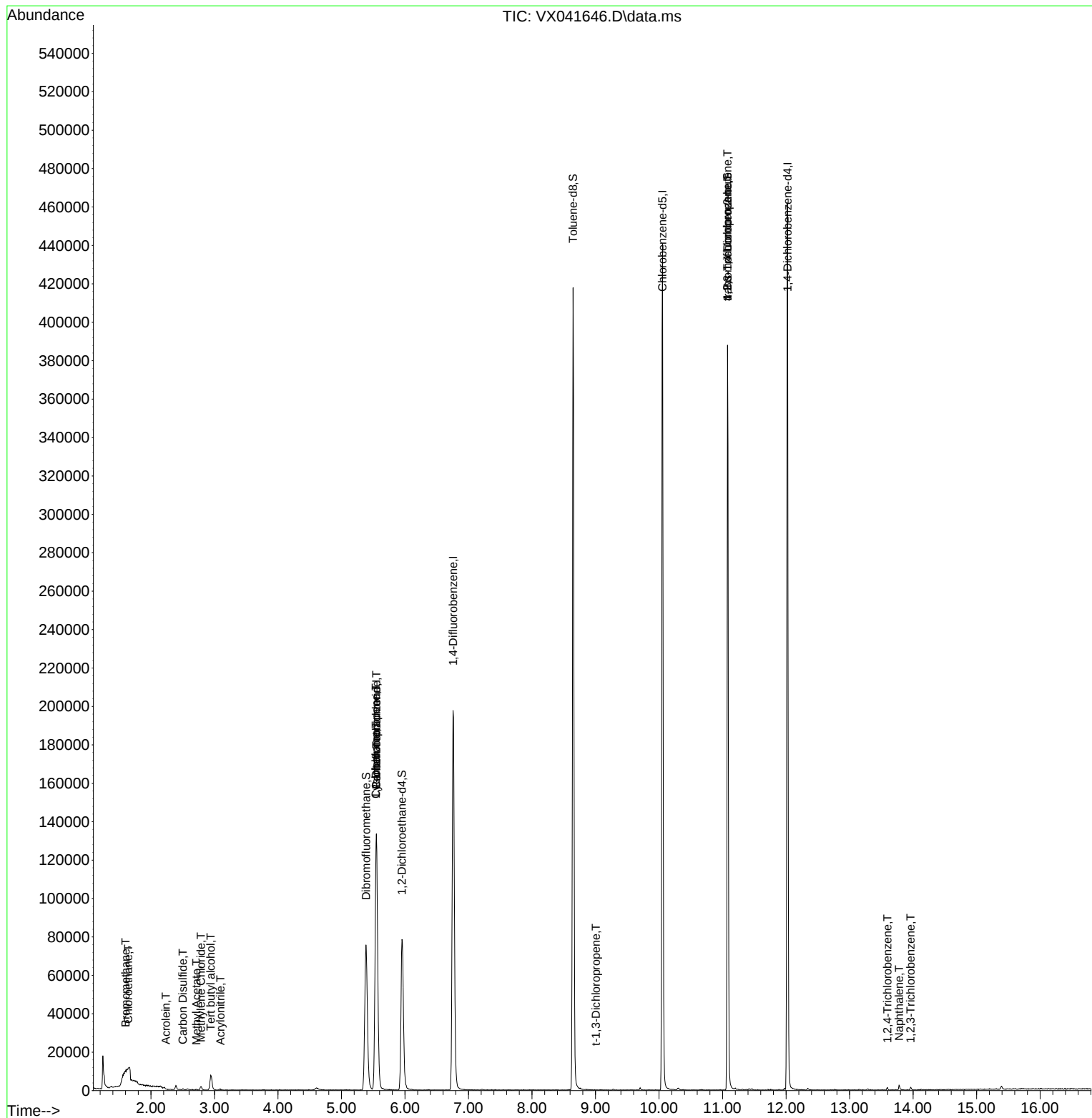
Internal Standards						
1) Pentafluorobenzene	5.550	168	142875	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	210502	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79308	50.989	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	101.980%	
35) Dibromofluoromethane	5.385	113	65689	46.049	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	92.100%	
50) Toluene-d8	8.647	98	247121	54.733	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	109.460%	
62) 4-Bromofluorobenzene	11.079	95	94275	53.939	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	107.880%	
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	326	0.449	ug/l #	64
6) Chloroethane	1.642	64	242	0.450	ug/l #	43
11) Tert butyl alcohol	2.940	59	4836	15.534	ug/l #	78
13) Acrolein	2.233	56	114	0.462	ug/l	99
15) Acrylonitrile	3.093	53	284	0.400	ug/l #	64
16) Acetone	2.392	43	2311	Below Cal		93
17) Carbon Disulfide	2.502	76	616	0.237	ug/l #	76
18) Methyl Acetate	2.715	43	340	0.214	ug/l #	84
20) Methylene Chloride	2.788	84	995	0.737	ug/l	85
31) Cyclohexane	5.544	56	2419	1.289	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9105	5.338	ug/l #	52
38) Carbon Tetrachloride	5.550	117	12801	6.551	ug/l #	15
53) t-1,3-Dichloropropene	9.006	75	40	2.461	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	49383	28.154	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49383	76.687	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	517	0.208	ug/l	90
95) Naphthalene	13.780	128	2232	0.303	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	622	0.245	ug/l	91

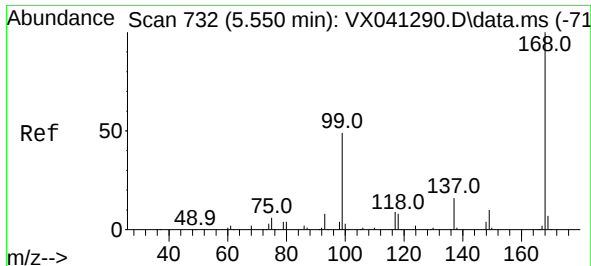
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052424\
Data File : VX041646.D
Acq On : 24 May 2024 11:48
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

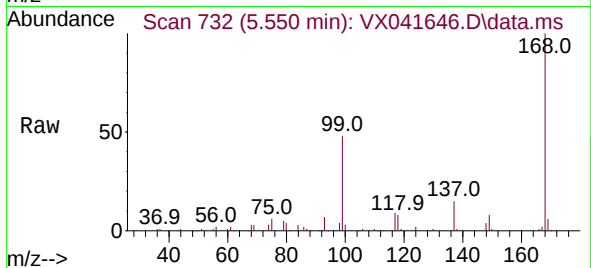
Quant Time: May 25 04:21:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



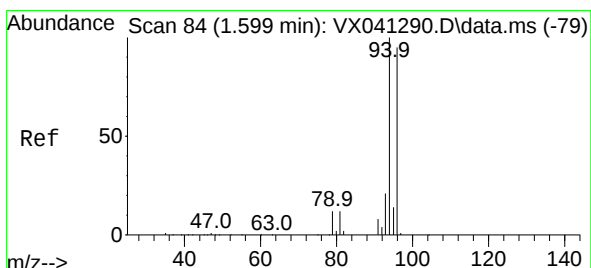
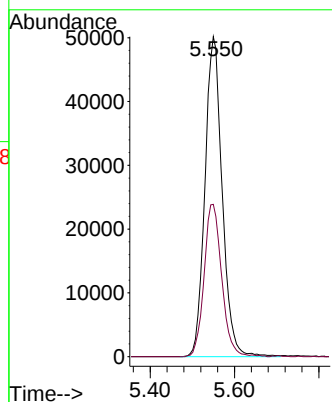
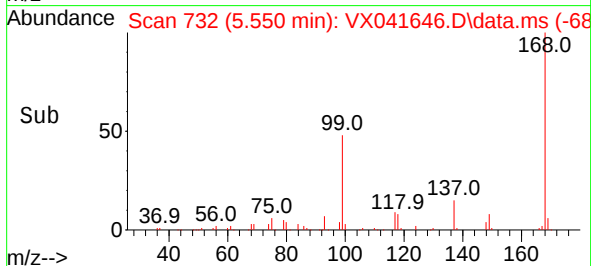


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041646.D
Acq: 24 May 2024 11:48

Instrument :
MSVOA_X
ClientSampleId :

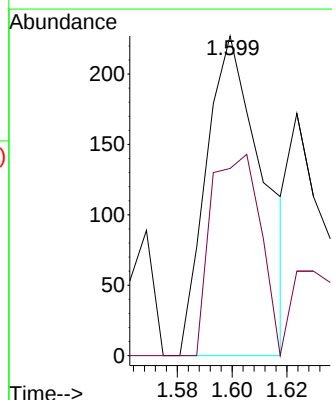
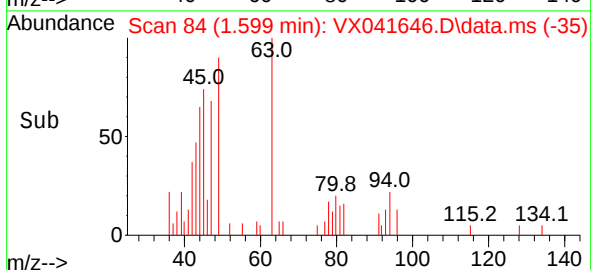
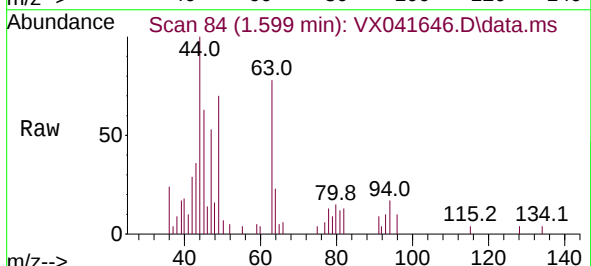


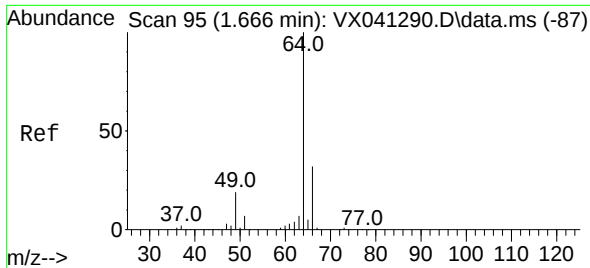
Tgt Ion:168 Resp: 142875
Ion Ratio Lower Upper
168 100
99 47.6 56.6 85.0#



#5
Bromomethane
Concen: 0.449 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041646.D
Acq: 24 May 2024 11:48

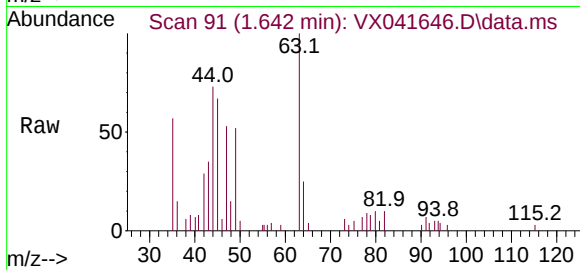
Tgt Ion: 94 Resp: 326
Ion Ratio Lower Upper
94 100
96 58.6 74.6 111.8#



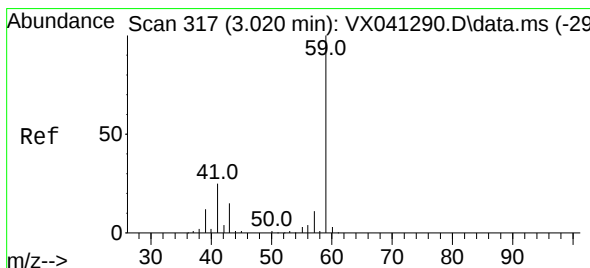
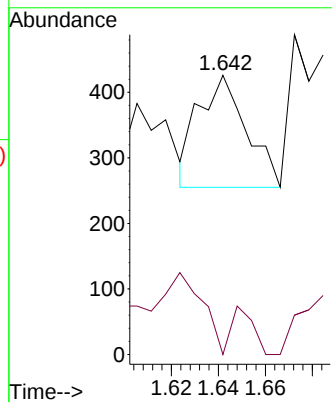
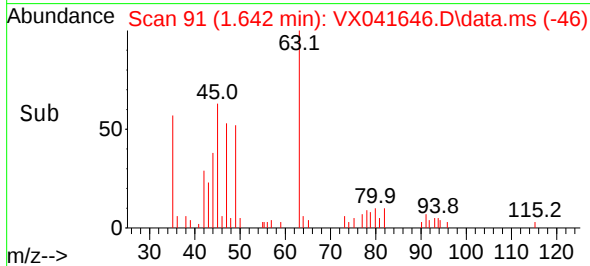


#6
Chloroethane
Concen: 0.450 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX041646.D
Acq: 24 May 2024 11:48

Instrument :
MSVOA_X
ClientSampleId :

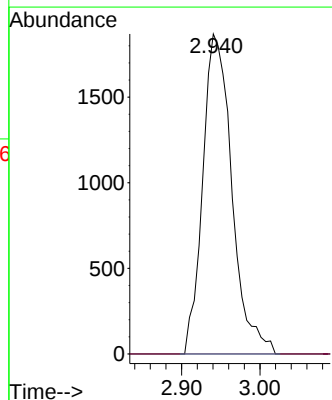
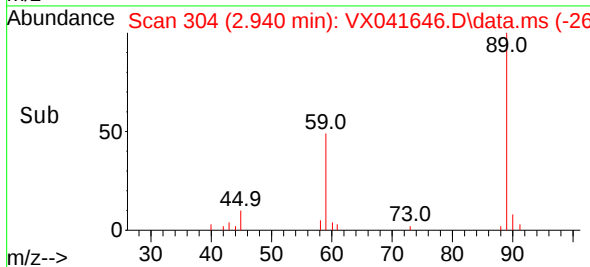
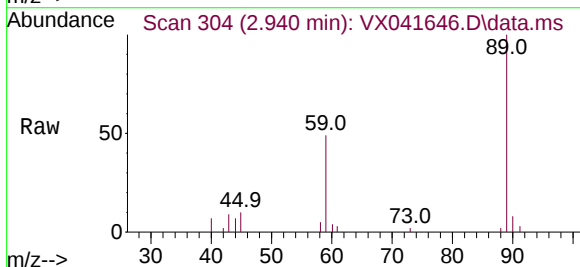


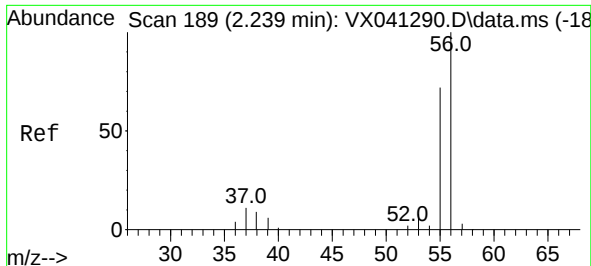
Tgt Ion: 64 Resp: 242
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 15.534 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX041646.D
Acq: 24 May 2024 11:48

Tgt Ion: 59 Resp: 4836
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.462 ug/l

RT: 2.233 min Scan# 114

Delta R.T. -0.006 min

Lab File: VX041646.D

Acq: 24 May 2024 11:48

Instrument :

MSVOA_X

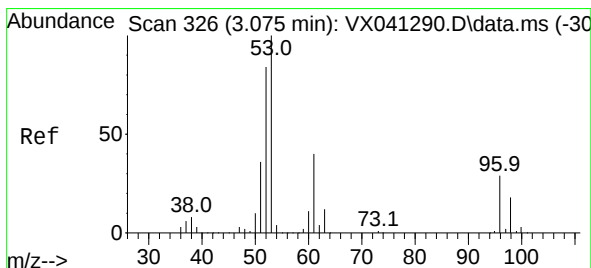
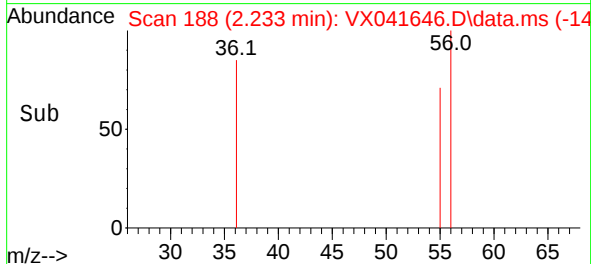
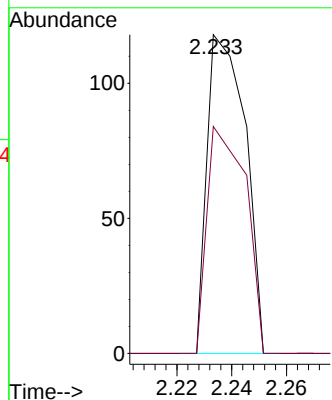
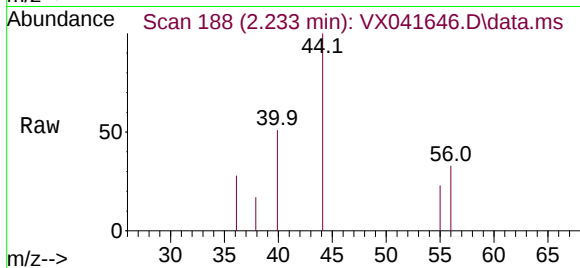
ClientSampleId :

Tgt Ion: 56 Resp: 114

Ion Ratio Lower Upper

56 100

55 71.9 57.1 85.7



#15

Acrylonitrile

Concen: 0.400 ug/l

RT: 3.093 min Scan# 329

Delta R.T. 0.018 min

Lab File: VX041646.D

Acq: 24 May 2024 11:48

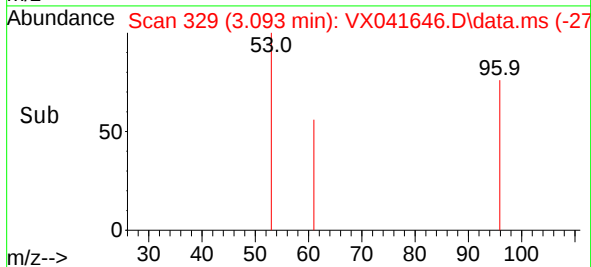
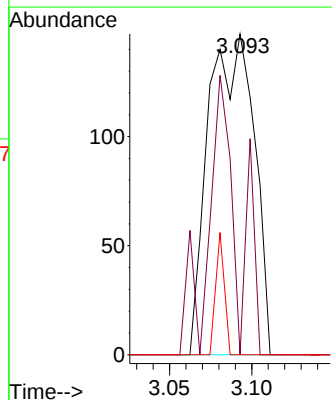
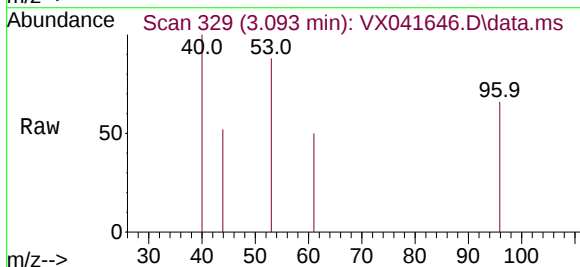
Tgt Ion: 53 Resp: 284

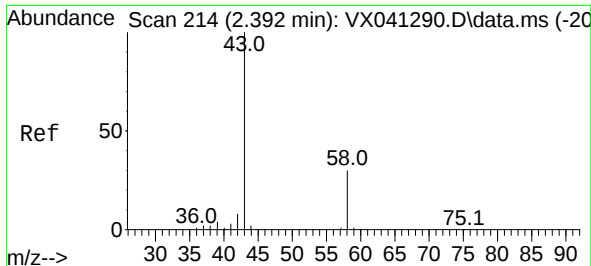
Ion Ratio Lower Upper

53 100

52 56.0 66.0 99.0#

51 7.0 29.8 44.6#

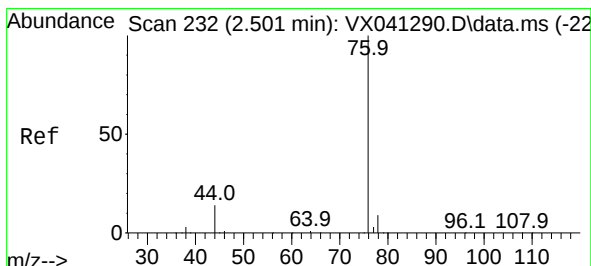
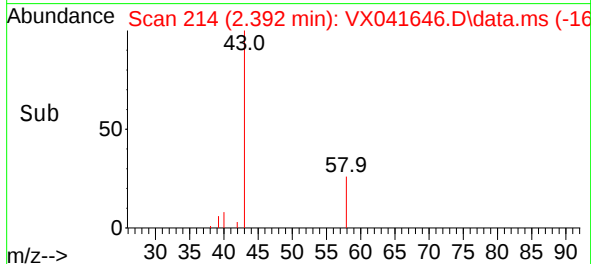
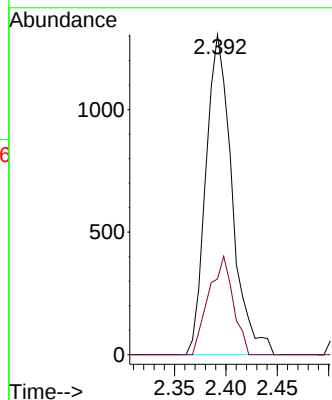
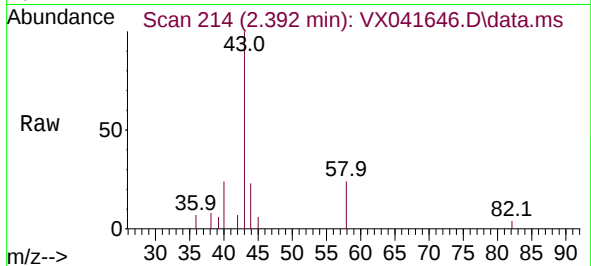




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041646.D
Acq: 24 May 2024 11:48

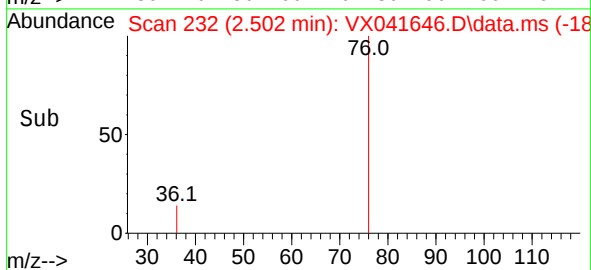
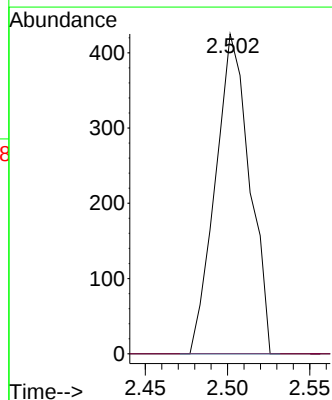
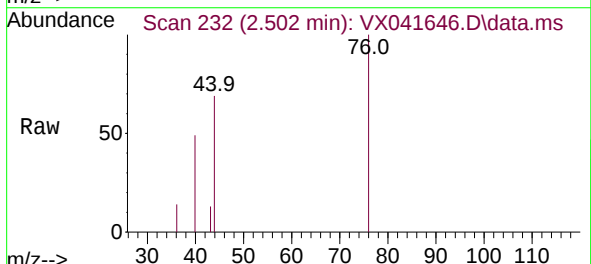
Instrument :
MSVOA_X
ClientSampleId :

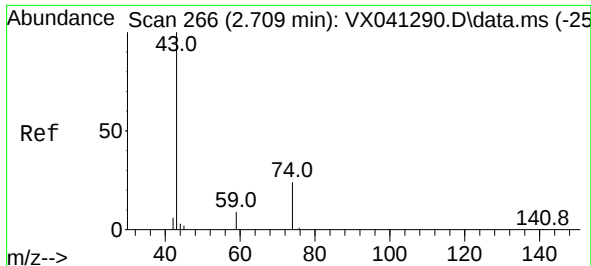
Tgt Ion: 43 Resp: 2311
Ion Ratio Lower Upper
43 100
58 23.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.237 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.001 min
Lab File: VX041646.D
Acq: 24 May 2024 11:48

Tgt Ion: 76 Resp: 616
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#18

Methyl Acetate

Concen: 0.214 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX041646.D

Acq: 24 May 2024 11:48

Instrument :

MSVOA_X

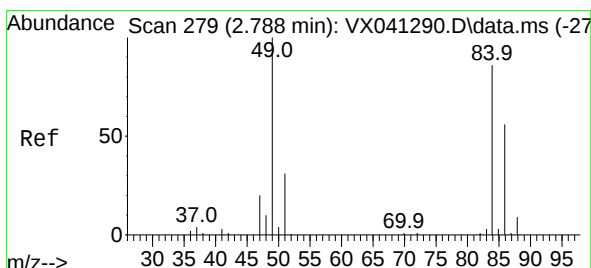
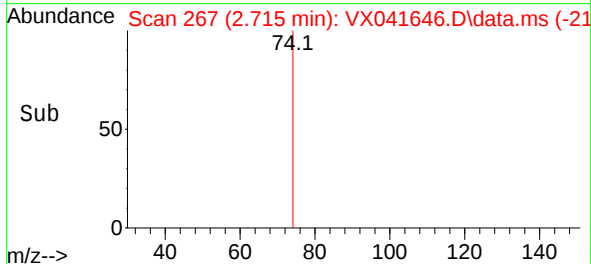
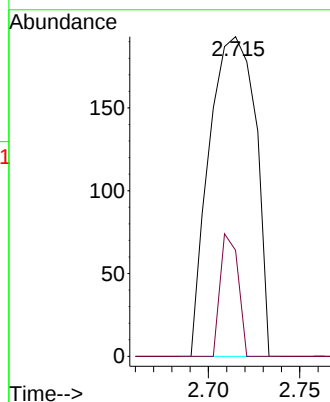
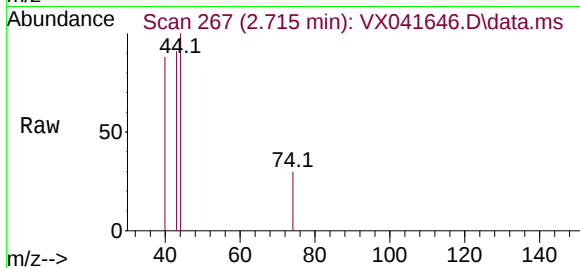
ClientSampleId :

Tgt Ion: 43 Resp: 340

Ion Ratio Lower Upper

43 100

74 14.7 17.8 26.8#



#20

Methylene Chloride

Concen: 0.737 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX041646.D

Acq: 24 May 2024 11:48

Tgt Ion: 84 Resp: 995

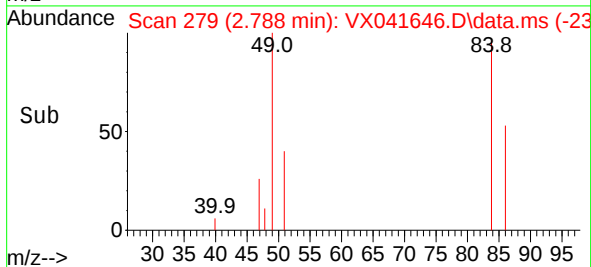
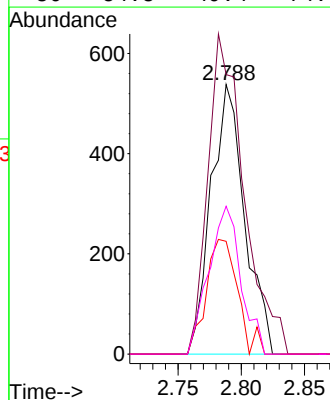
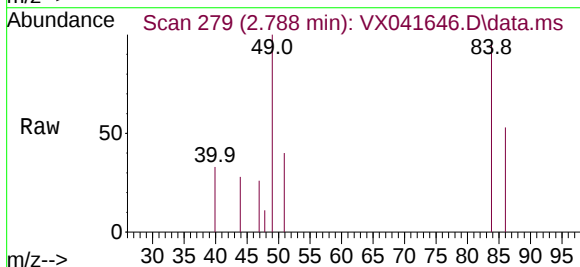
Ion Ratio Lower Upper

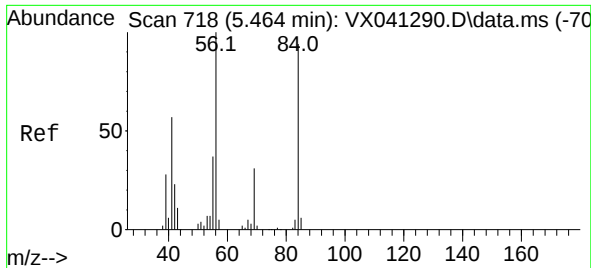
84 100

49 103.7 103.6 155.4

51 41.8 33.8 50.6

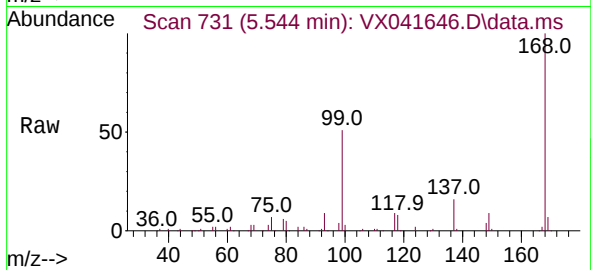
86 54.8 49.4 74.0



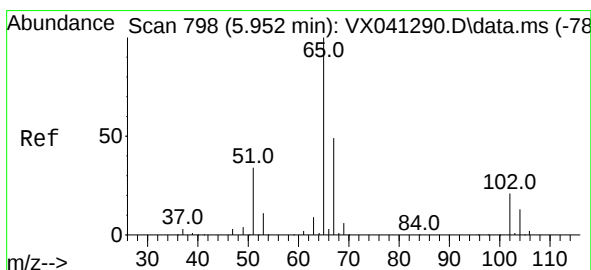
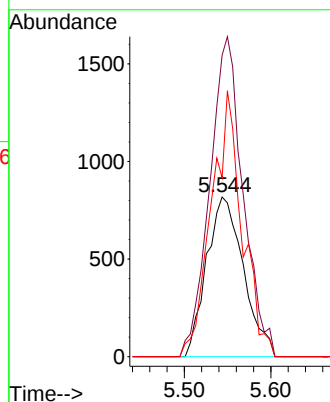
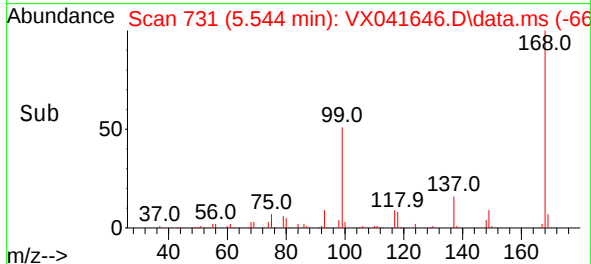


#31
Cyclohexane
Concen: 1.289 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041646.D
Acq: 24 May 2024 11:48

Instrument :
MSVOA_X
ClientSampleId :

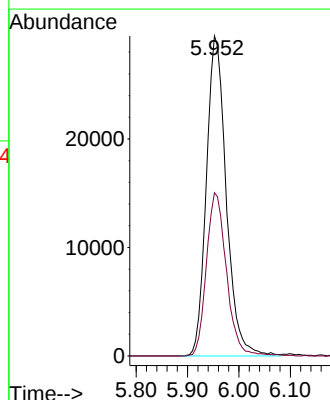
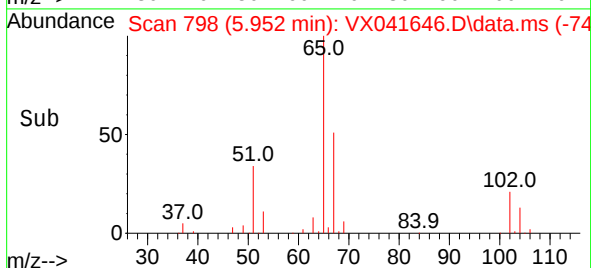
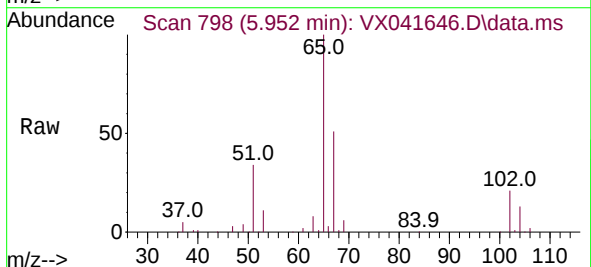


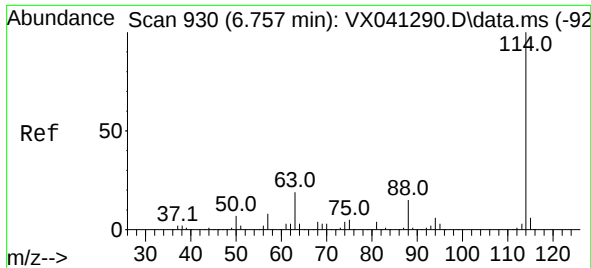
Tgt Ion: 56 Resp: 2419
Ion Ratio Lower Upper
56 100
69 188.8 23.4 35.2#
84 112.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 50.989 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041646.D
Acq: 24 May 2024 11:48

Tgt Ion: 65 Resp: 79308
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

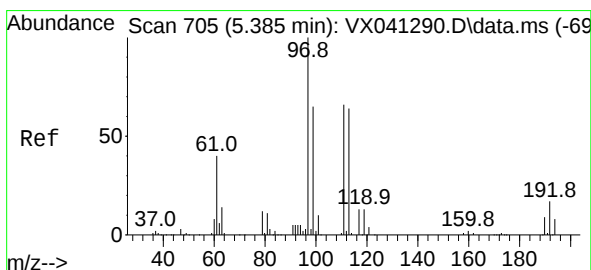
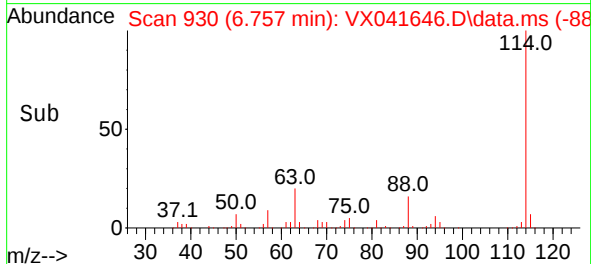
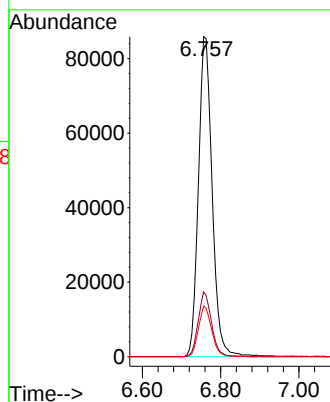
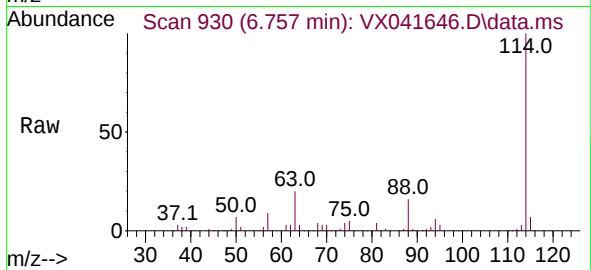




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041646.D
Acq: 24 May 2024 11:48

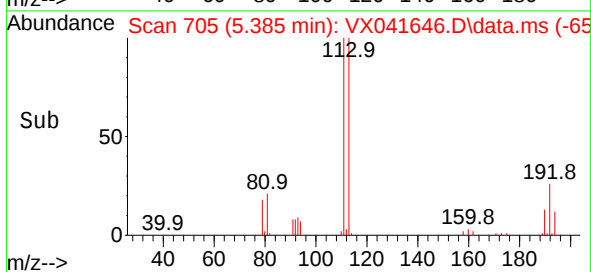
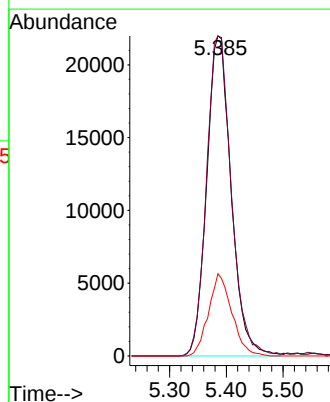
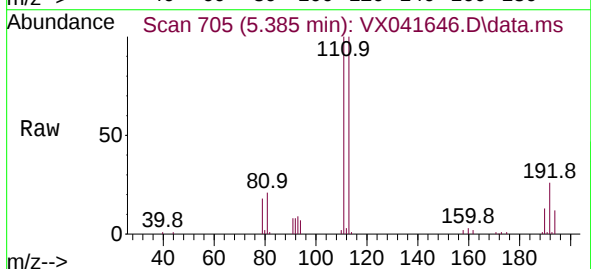
Instrument :
MSVOA_X
ClientSampleId :

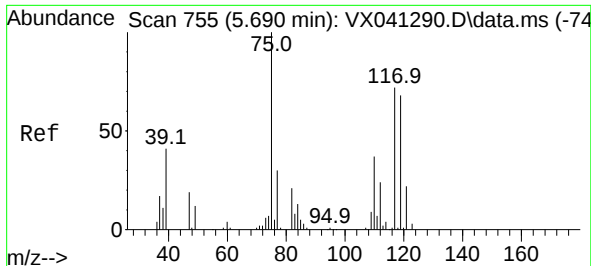
Tgt Ion:114 Resp: 210502
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.049 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041646.D
Acq: 24 May 2024 11:48

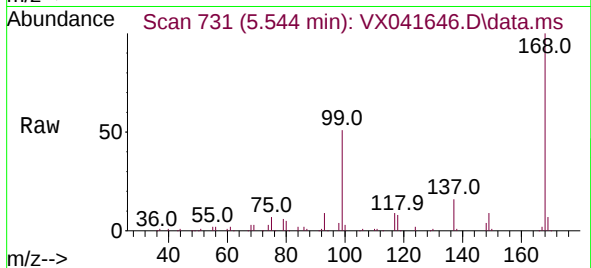
Tgt Ion:113 Resp: 65689
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 24.6 13.3 19.9#



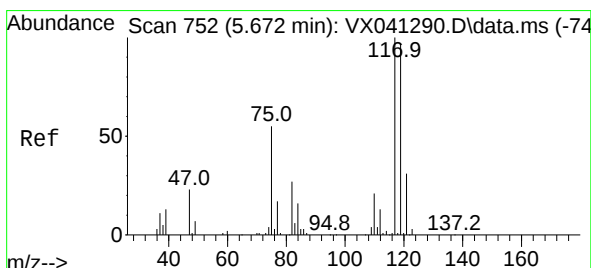
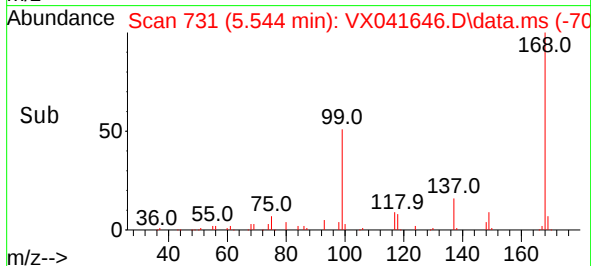
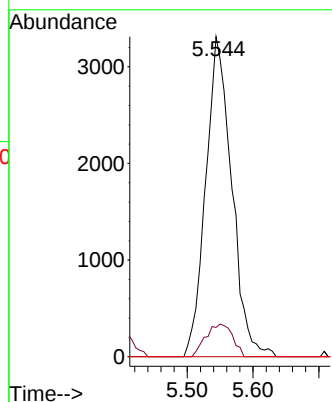


#36
1,1-Dichloropropene
Concen: 5.338 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX041646.D
Acq: 24 May 2024 11:48

Instrument :
MSVOA_X
ClientSampleId :

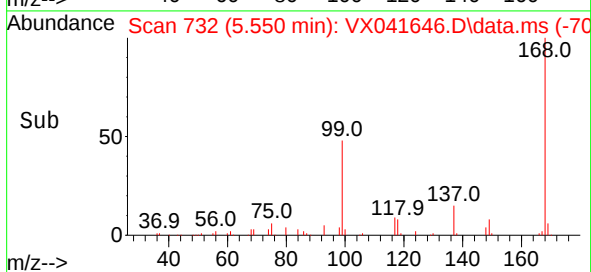
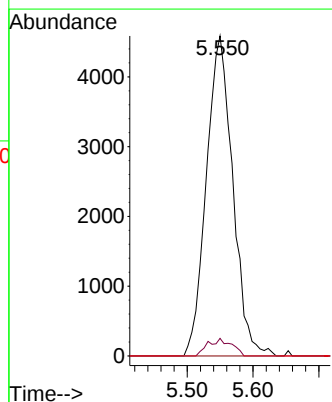
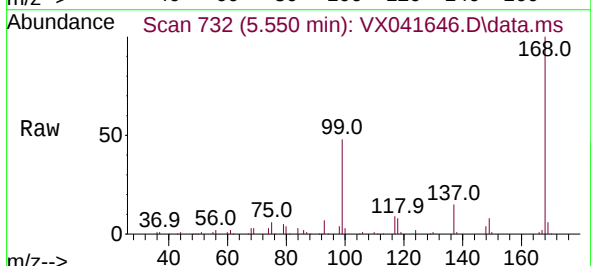


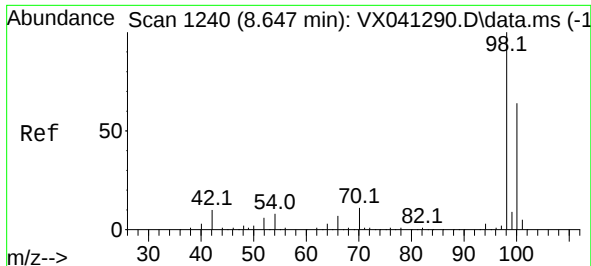
Tgt Ion: 75 Resp: 9105
Ion Ratio Lower Upper
75 100
110 10.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.551 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041646.D
Acq: 24 May 2024 11:48

Tgt Ion: 117 Resp: 12801
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 54.733 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041646.D

Acq: 24 May 2024 11:48

Instrument :

MSVOA_X

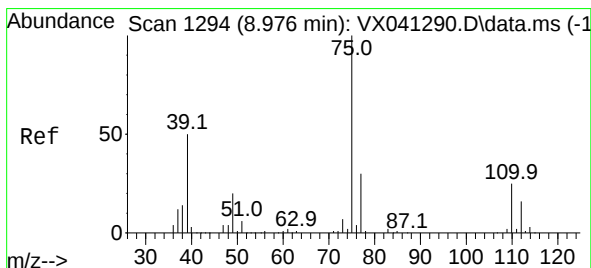
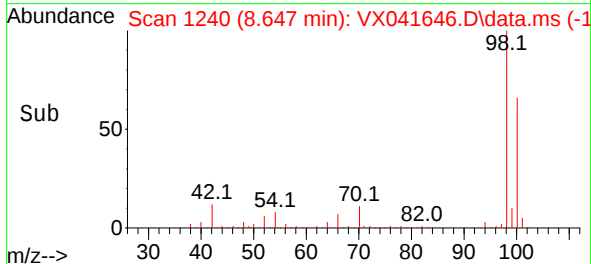
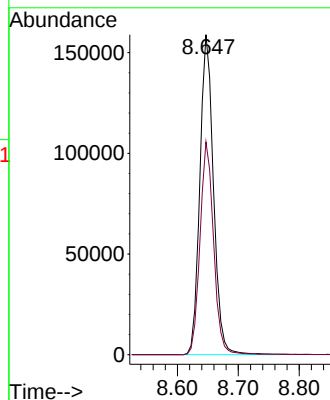
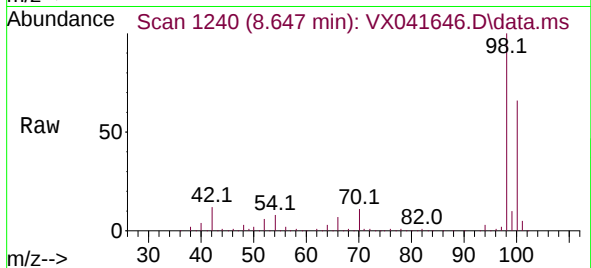
ClientSampleId :

Tgt Ion: 98 Resp: 247121

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



#53

t-1,3-Dichloropropene

Concen: 2.461 ug/l

RT: 9.006 min Scan# 1299

Delta R.T. 0.030 min

Lab File: VX041646.D

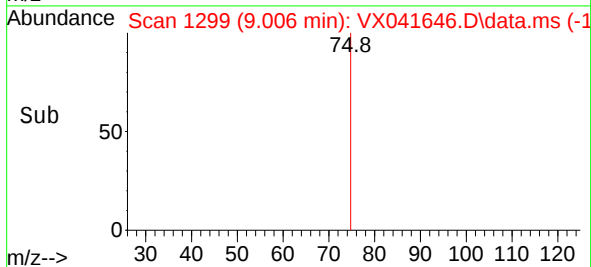
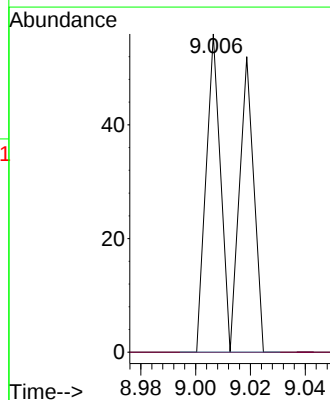
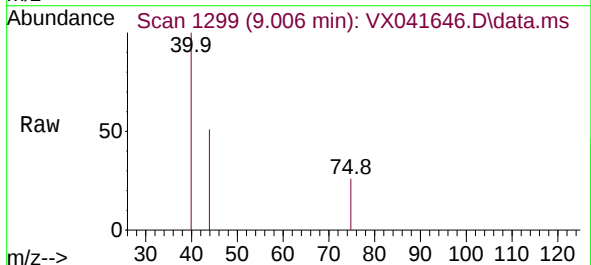
Acq: 24 May 2024 11:48

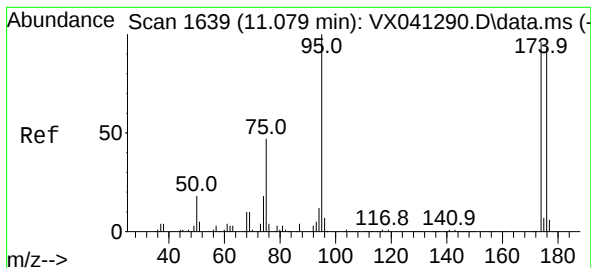
Tgt Ion: 75 Resp: 40

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

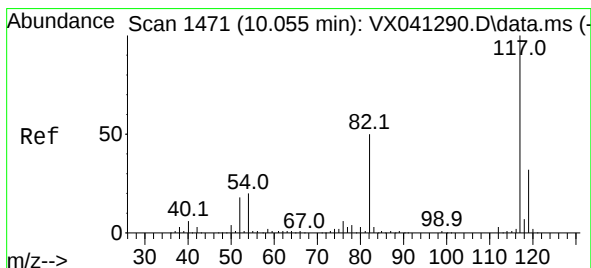
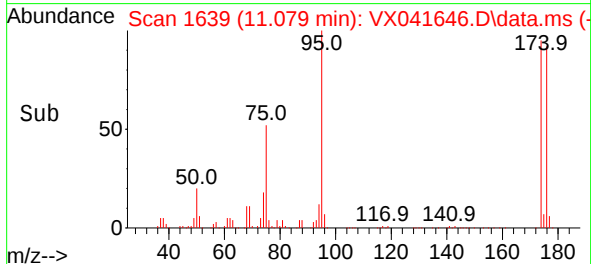
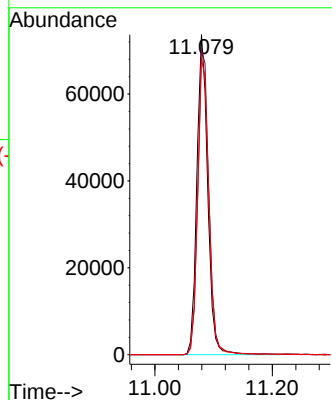
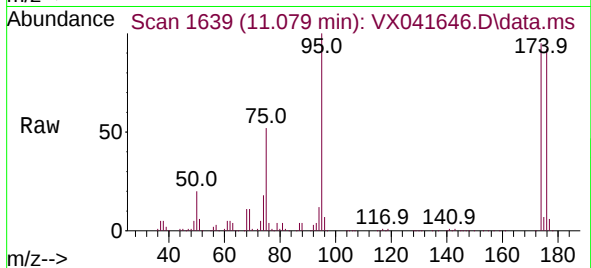




#62
4-Bromofluorobenzene
Concen: 53.939 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041646.D
Acq: 24 May 2024 11:48

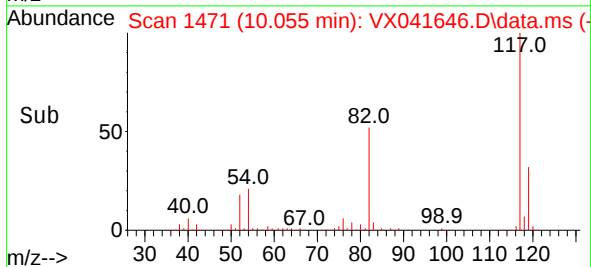
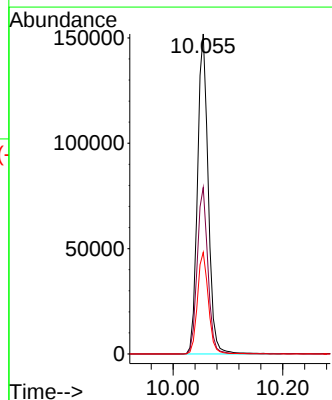
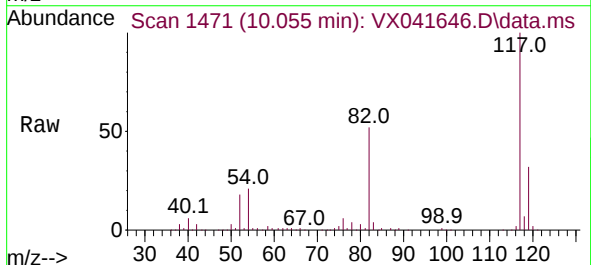
Instrument :
MSVOA_X
ClientSampleId :

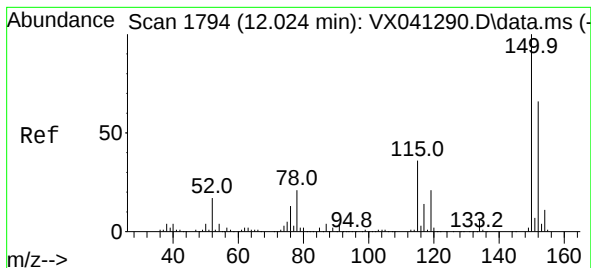
Tgt Ion: 95 Resp: 94275
Ion Ratio Lower Upper
95 100
174 98.6 0.0 135.6
176 95.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041646.D
Acq: 24 May 2024 11:48

Tgt Ion: 117 Resp: 207331
Ion Ratio Lower Upper
117 100
82 52.0 46.2 69.4
119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041646.D

Acq: 24 May 2024 11:48

Instrument :

MSVOA_X

ClientSampleId :

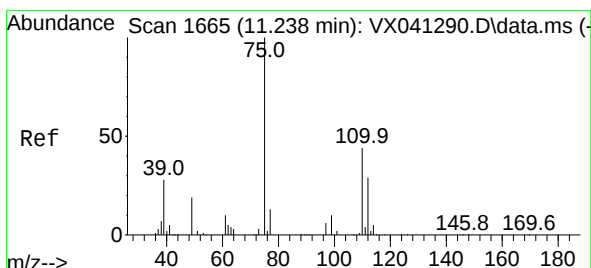
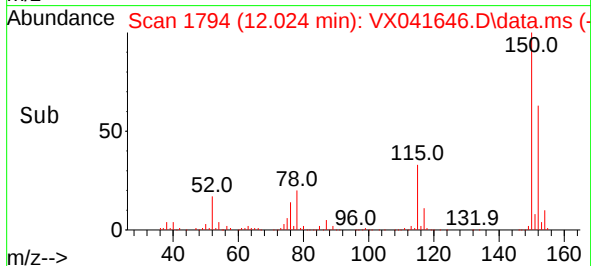
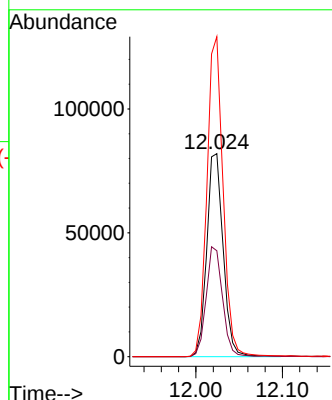
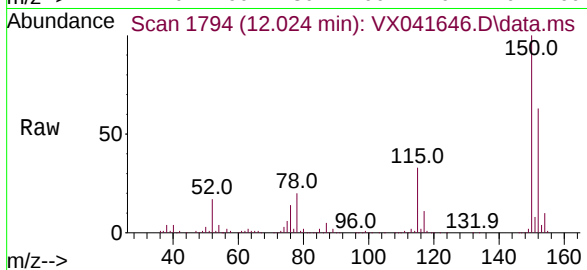
Tgt Ion:152 Resp: 107631

Ion Ratio Lower Upper

152 100

115 54.0 43.3 129.9

150 155.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 28.154 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041646.D

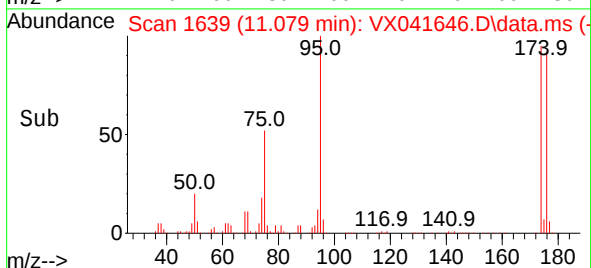
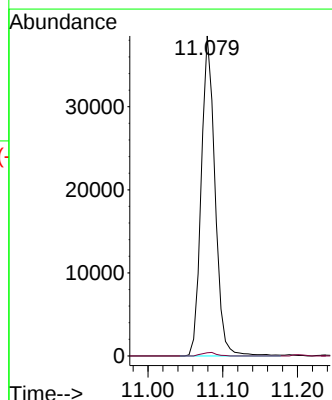
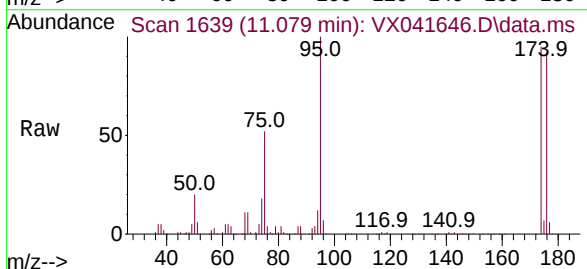
Acq: 24 May 2024 11:48

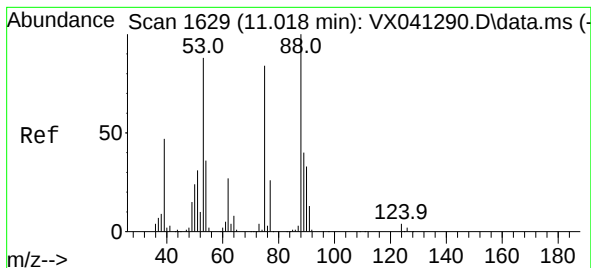
Tgt Ion: 75 Resp: 49383

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

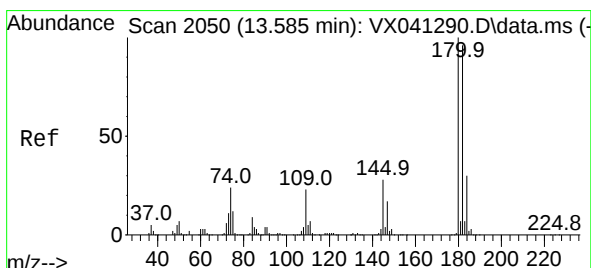
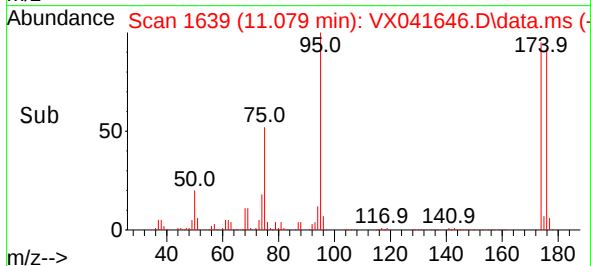
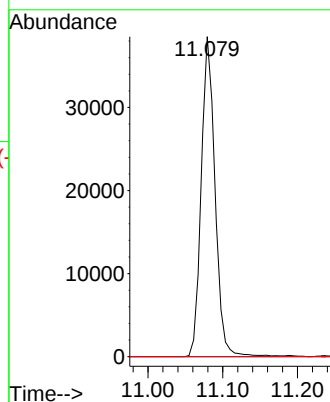
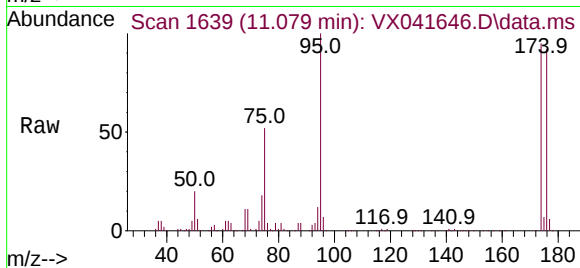




#81
trans-1,4-Dichloro-2-butene
Concen: 76.687 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041646.D
Acq: 24 May 2024 11:48

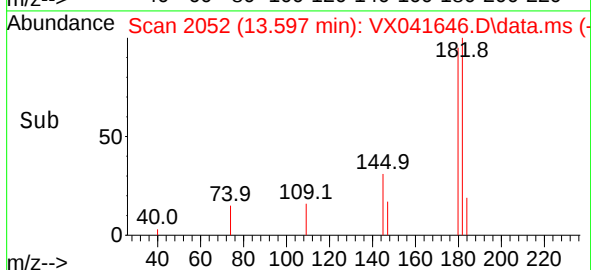
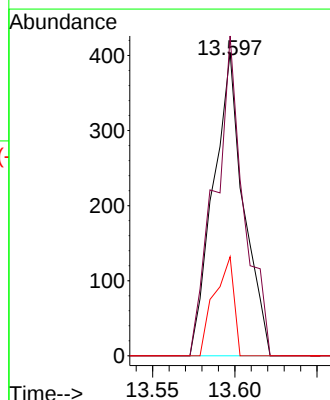
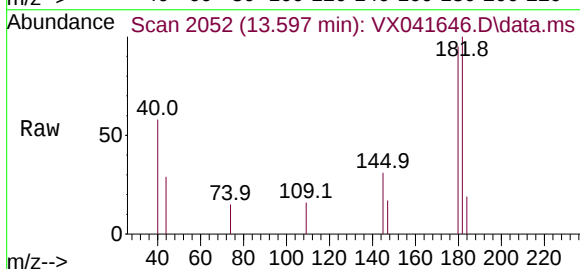
Instrument :
MSVOA_X
ClientSampleId :

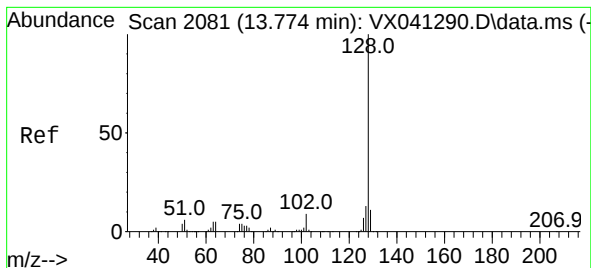
Tgt Ion: 75 Resp: 49383
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.208 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX041646.D
Acq: 24 May 2024 11:48

Tgt Ion:180 Resp: 517
Ion Ratio Lower Upper
180 100
182 100.8 48.3 144.8
145 21.1 18.0 54.0





#95

Naphthalene

Concen: 0.303 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX041646.D

Acq: 24 May 2024 11:48

Instrument :

MSVOA_X

ClientSampleId :

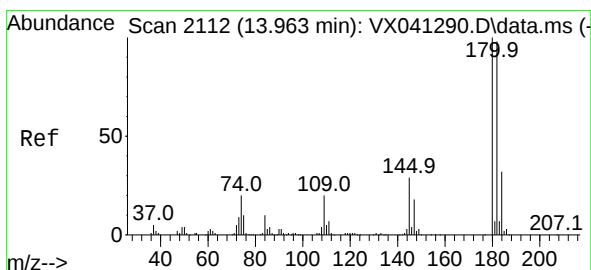
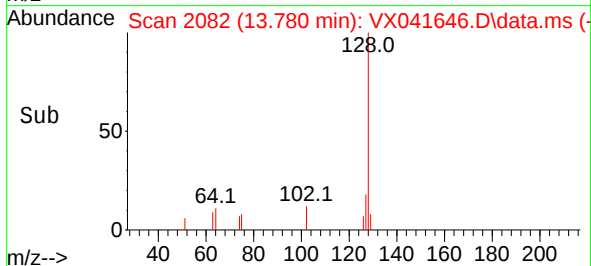
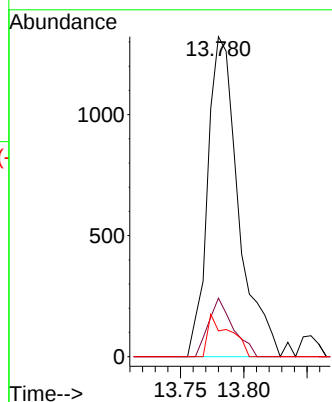
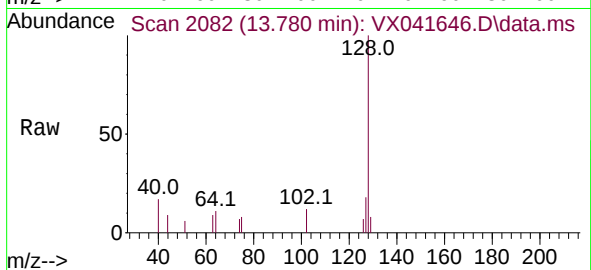
Tgt Ion:128 Resp: 2232

Ion Ratio Lower Upper

128 100

127 14.7 10.3 15.5

129 9.3 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.245 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041646.D

Acq: 24 May 2024 11:48

Tgt Ion:180 Resp: 622

Ion Ratio Lower Upper

180 100

182 92.1 46.9 140.6

145 18.5 17.8 53.5

