

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
 Data File : VX042047.D
 Acq On : 26 Jun 2024 12:49
 Operator : JC/MD
 Sample : VX0626WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 03:42:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

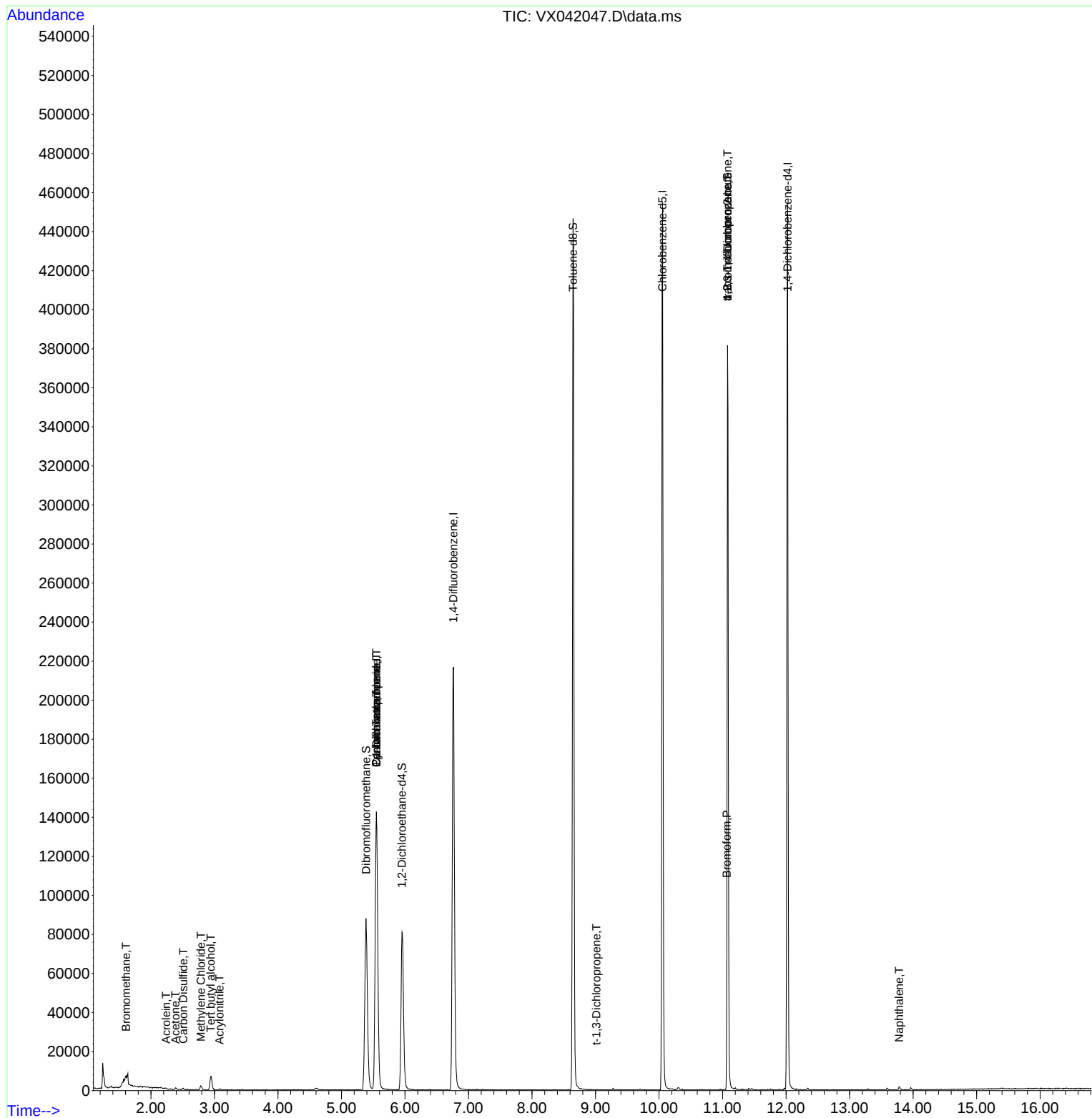
Internal Standards						
1) Pentafluorobenzene	5.550	168	159968	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	244958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79141	42.903	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	85.800%	
35) Dibromofluoromethane	5.385	113	76590	44.065	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	88.140%	
50) Toluene-d8	8.647	98	280705	45.971	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	91.940%#	
62) 4-Bromofluorobenzene	11.079	95	102921	45.726	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	91.460%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	341	0.451	ug/l	89
6) Chloroethane	1.660	64	99	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	4204	12.009	ug/l	# 78
13) Acrolein	2.239	56	194	0.494	ug/l	# 76
15) Acrylonitrile	3.081	53	204	0.223	ug/l	# 47
16) Acetone	2.386	43	955	1.179	ug/l	100
17) Carbon Disulfide	2.508	76	1043	0.371	ug/l	96
20) Methylene Chloride	2.788	84	1392	0.785	ug/l	# 84
31) Cyclohexane	5.550	56	2133	0.989	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8862	4.801	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	13568	6.653	ug/l	# 15
53) t-1,3-Dichloropropene	9.013	75	45	0.912	ug/l	# 43
71) Bromoform	11.067	173	48	0.906	ug/l	# 29
76) 1,2,3-Trichloropropane	11.079	75	45972	22.812	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	45972	64.783	ug/l	# 5
95) Naphthalene	13.780	128	1734	0.962	ug/l	# 95

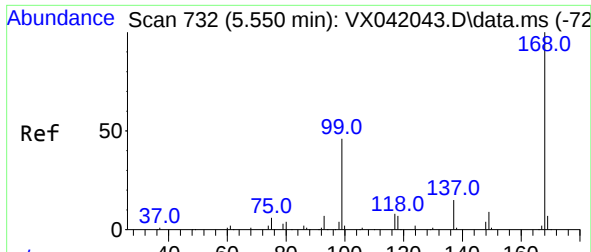
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
Data File : VX042047.D
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Operator : JC/MD
Sample : VX0626WBL01
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MSVOA_X
ClientSampleId :

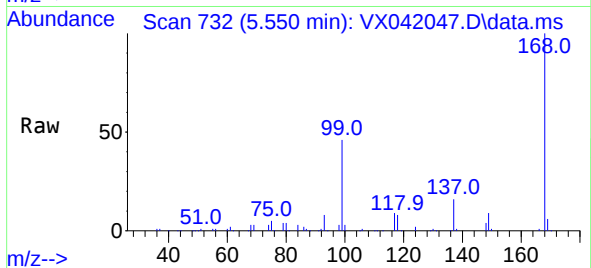
Quant Time: Jun 27 03:42:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
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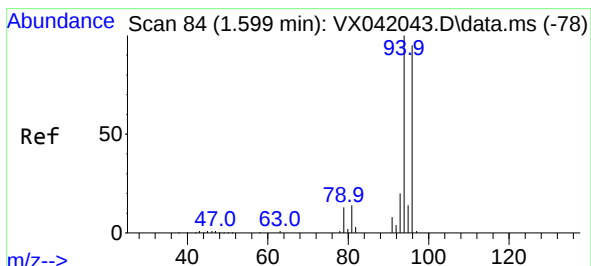
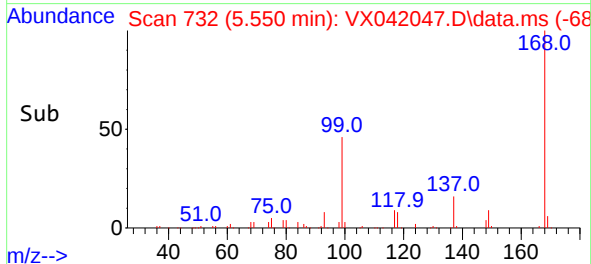
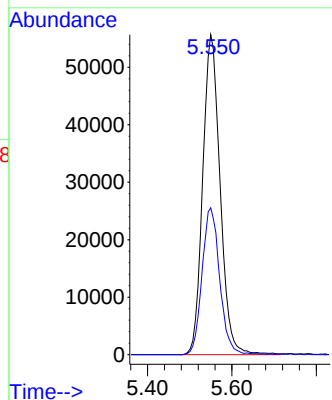


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042047.D
Acq: 26 Jun 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :

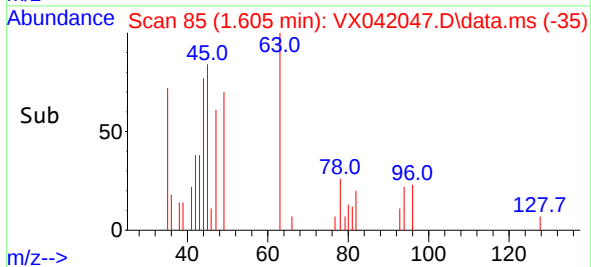
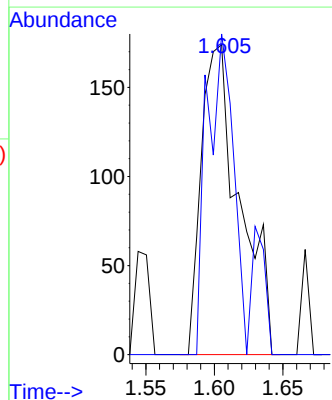
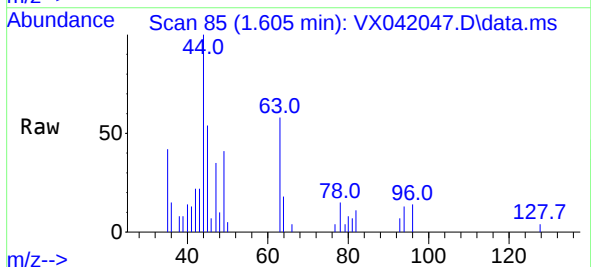


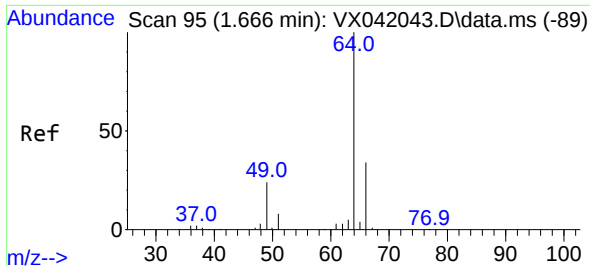
Tgt Ion:168 Resp: 159968
Ion Ratio Lower Upper
168 100
99 45.9 56.6 85.0#



#5
Bromomethane
Concen: 0.451 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX042047.D
Acq: 26 Jun 2024 12:49

Tgt Ion: 94 Resp: 341
Ion Ratio Lower Upper
94 100
96 103.4 74.6 111.8

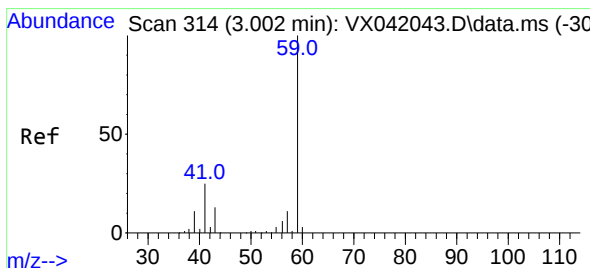
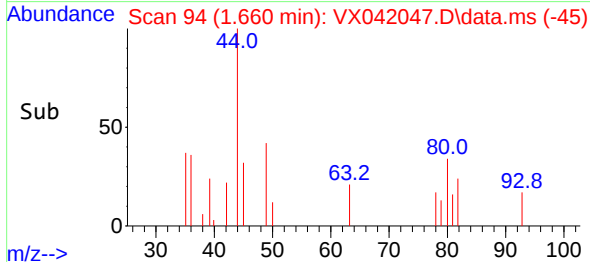
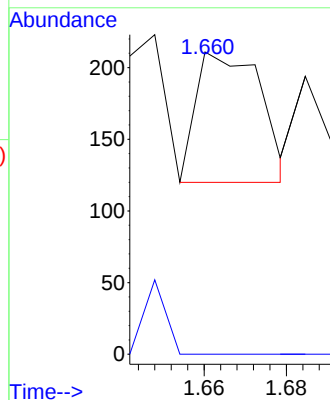
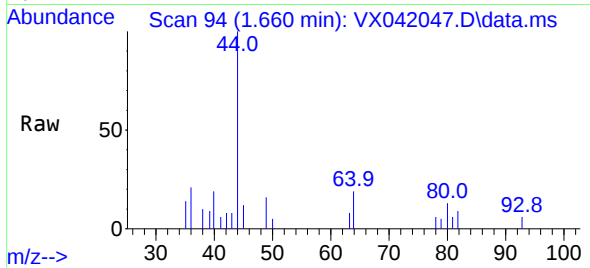




#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX042047.D
Acq: 26 Jun 2024 12:49

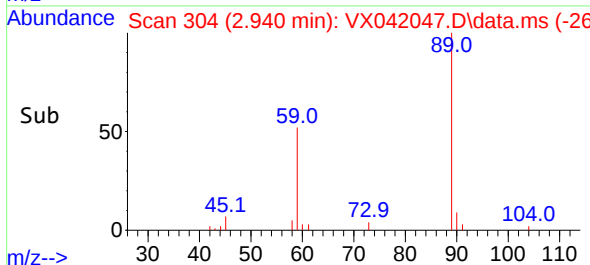
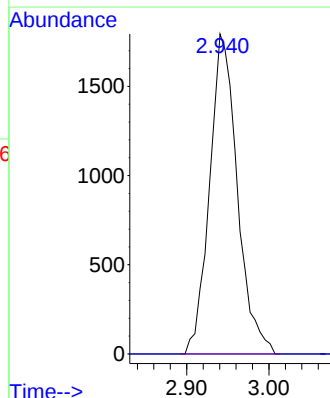
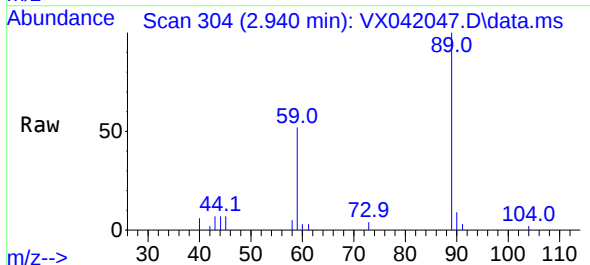
Instrument :
MSVOA_X
ClientSampleId :

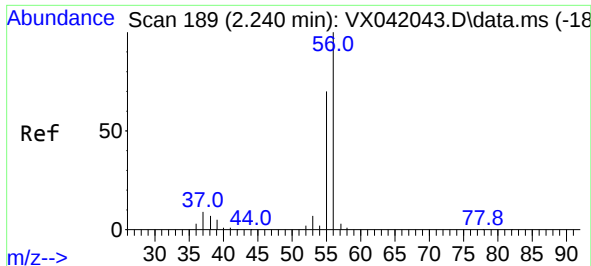
Tgt Ion: 64 Resp: 99
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 12.009 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX042047.D
Acq: 26 Jun 2024 12:49

Tgt Ion: 59 Resp: 4204
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

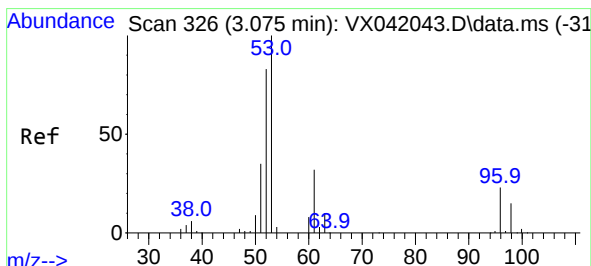
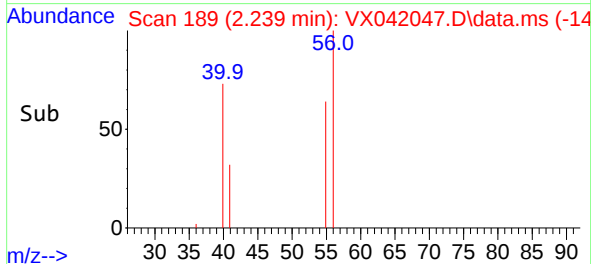
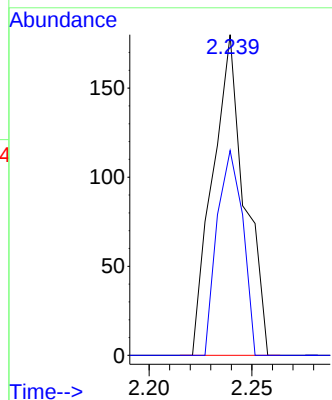
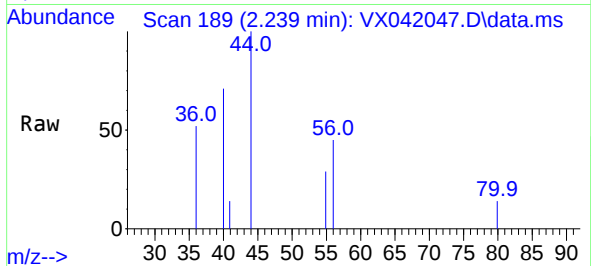




#13
Acrolein
Concen: 0.494 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042047.D
Acq: 26 Jun 2024 12:49

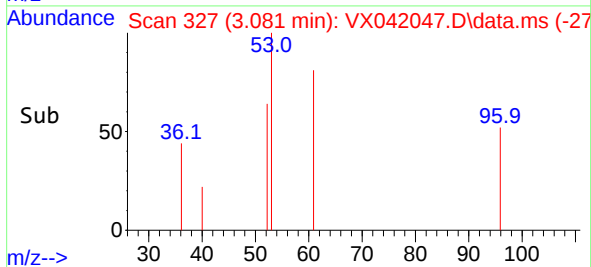
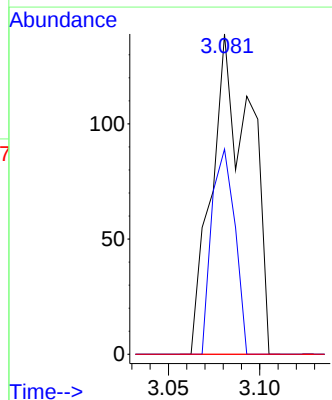
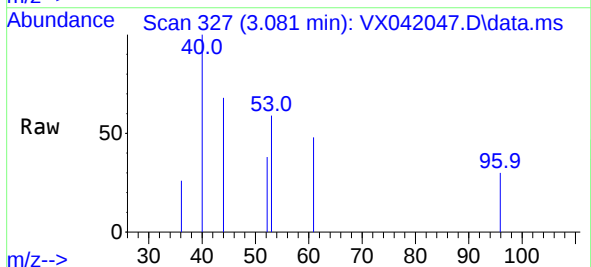
Instrument :
MSVOA_X
ClientSampleId :

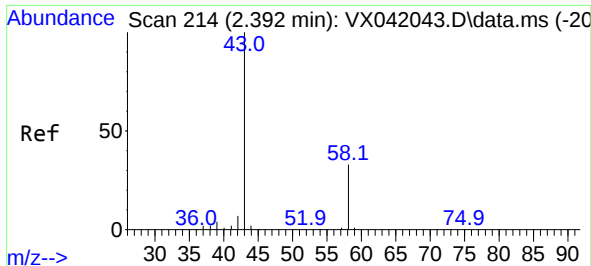
Tgt Ion: 56 Resp: 194
Ion Ratio Lower Upper
56 100
55 51.5 57.1 85.7#



#15
Acrylonitrile
Concen: 0.223 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX042047.D
Acq: 26 Jun 2024 12:49

Tgt Ion: 53 Resp: 204
Ion Ratio Lower Upper
53 100
52 38.7 66.0 99.0#
51 0.0 29.8 44.6#

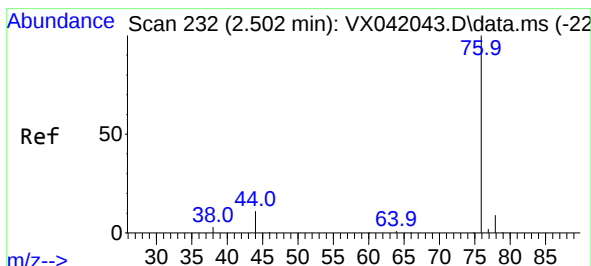
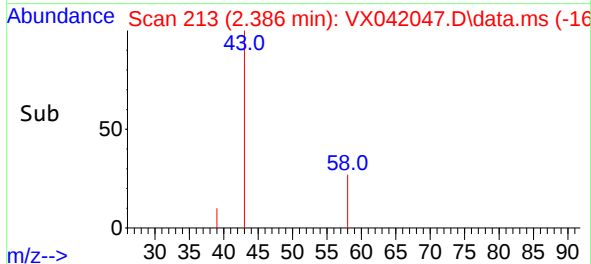
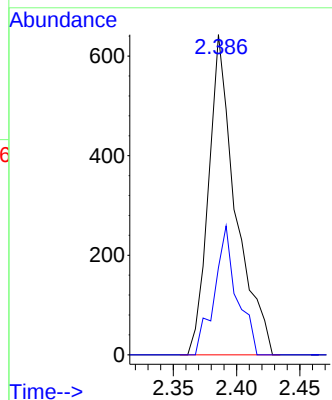
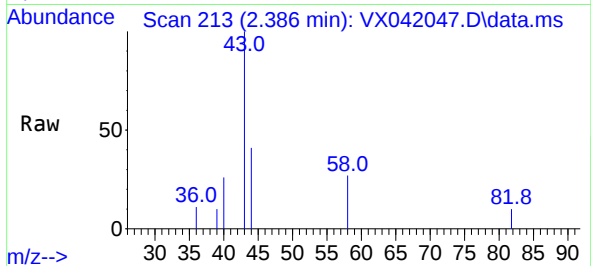




#16
Acetone
Concen: 1.179 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX042047.D
Acq: 26 Jun 2024 12:49

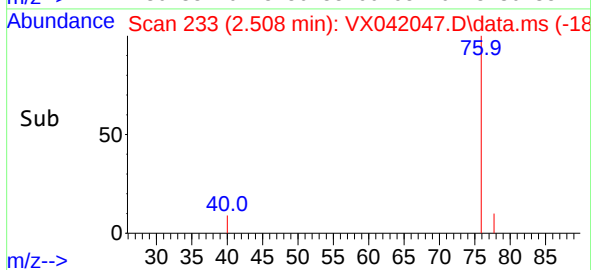
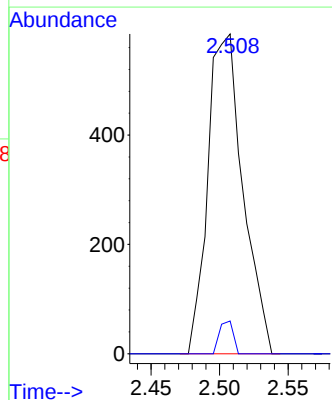
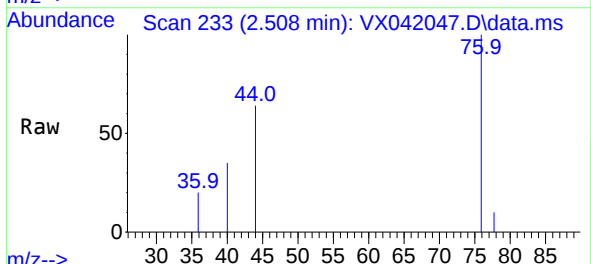
Instrument :
MSVOA_X
ClientSampleId :

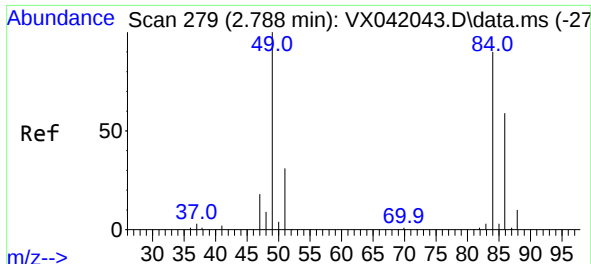
Tgt Ion: 43 Resp: 955
Ion Ratio Lower Upper
43 100
58 27.2 21.9 32.9



#17
Carbon Disulfide
Concen: 0.371 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX042047.D
Acq: 26 Jun 2024 12:49

Tgt Ion: 76 Resp: 1043
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.6





#20

Methylene Chloride

Concen: 0.785 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX042047.D

Acq: 26 Jun 2024 12:49

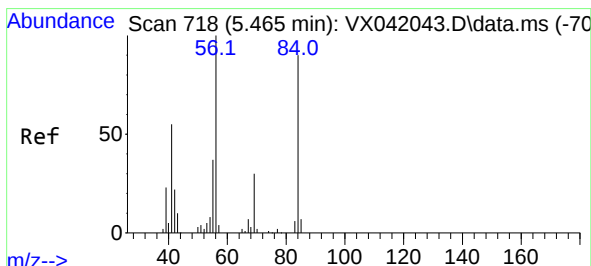
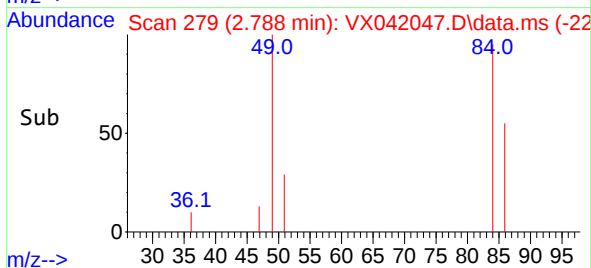
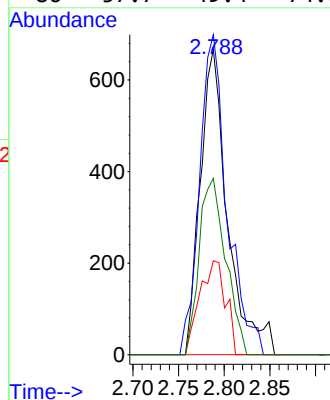
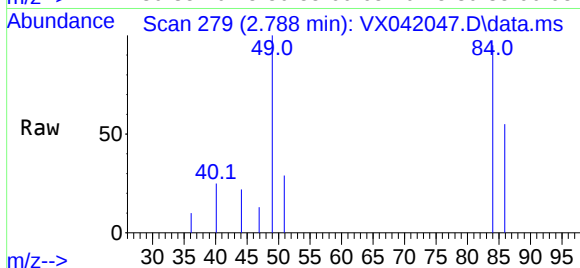
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 84 Resp: 1392

Ion	Ratio	Lower	Upper
84	100		
49	104.8	103.6	155.4
51	30.7	33.8	50.6#
86	57.7	49.4	74.0



#31

Cyclohexane

Concen: 0.989 ug/l

RT: 5.550 min Scan# 732

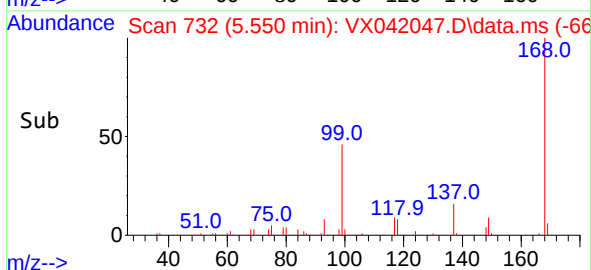
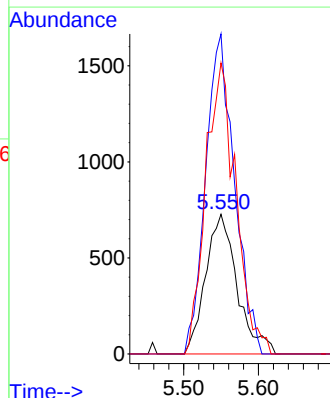
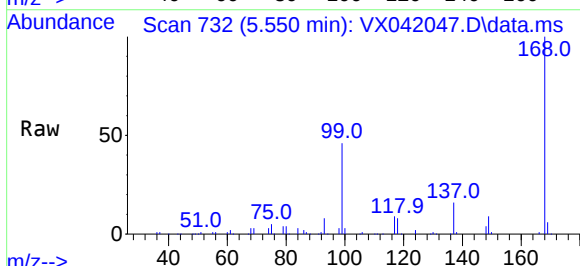
Delta R.T. 0.085 min

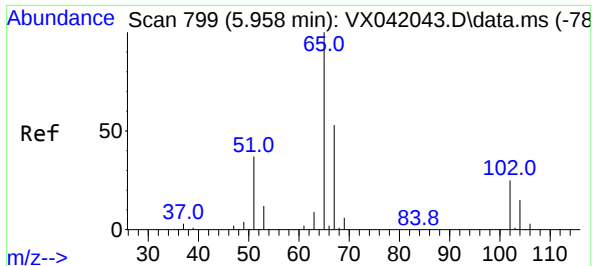
Lab File: VX042047.D

Acq: 26 Jun 2024 12:49

Tgt Ion: 56 Resp: 2133

Ion	Ratio	Lower	Upper
56	100		
69	229.2	23.4	35.2#
84	208.4	65.9	98.9#

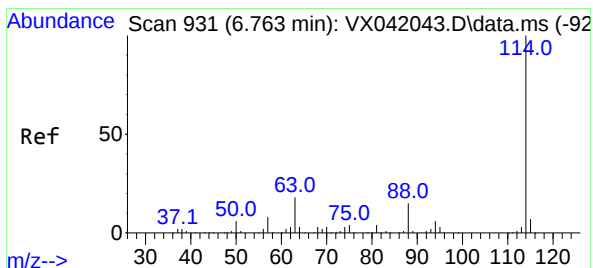
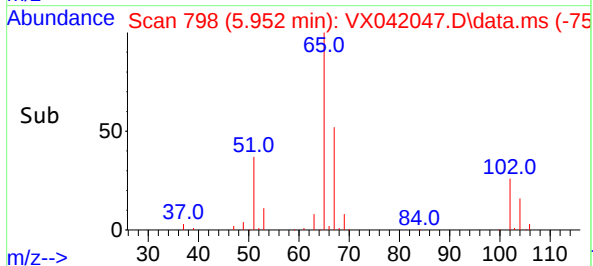
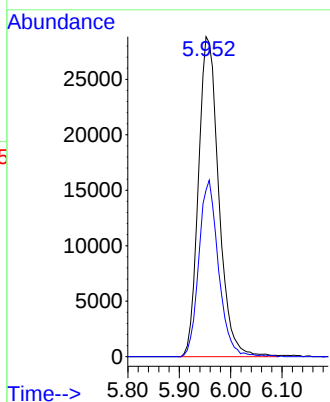
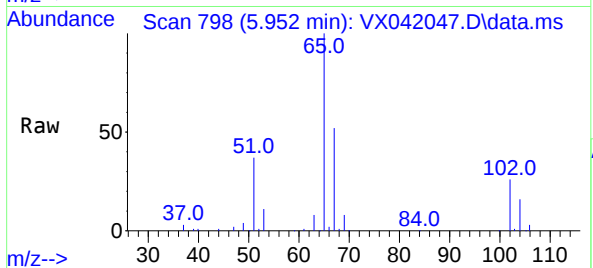




#33
 1,2-Dichloroethane-d4
 Concen: 42.903 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX042047.D
 Acq: 26 Jun 2024 12:49

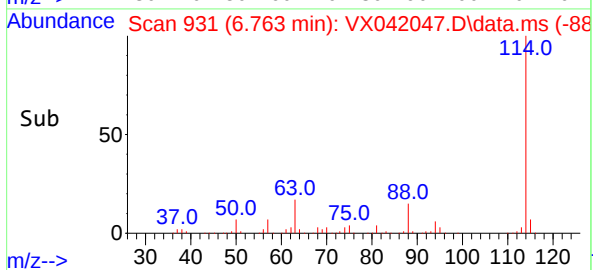
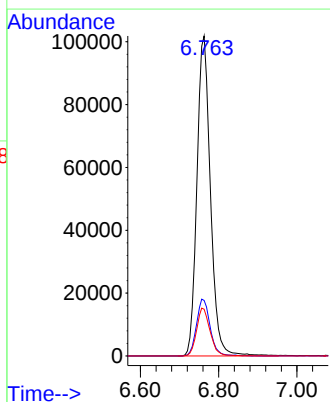
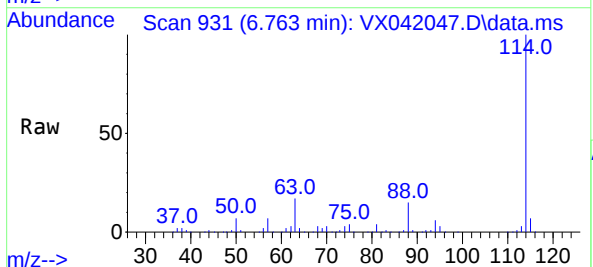
Instrument :
 MSVOA_X
 ClientSampleId :

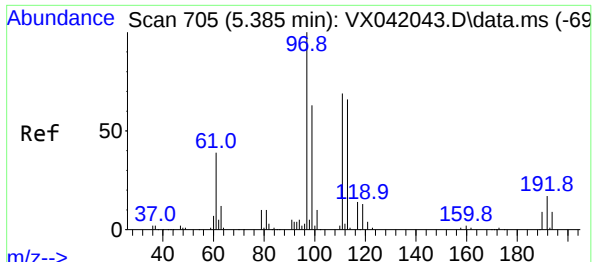
Tgt Ion: 65 Resp: 79141
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX042047.D
 Acq: 26 Jun 2024 12:49

Tgt Ion: 114 Resp: 244958
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 45.0
 88 14.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.065 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX042047.D

Acq: 26 Jun 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

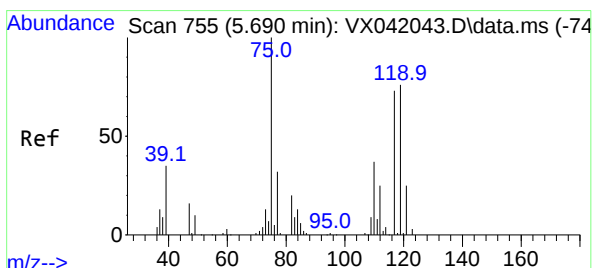
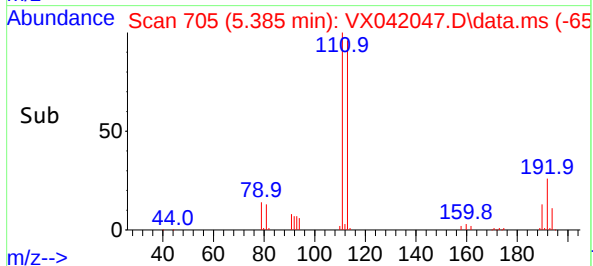
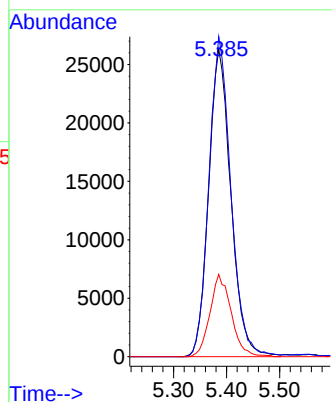
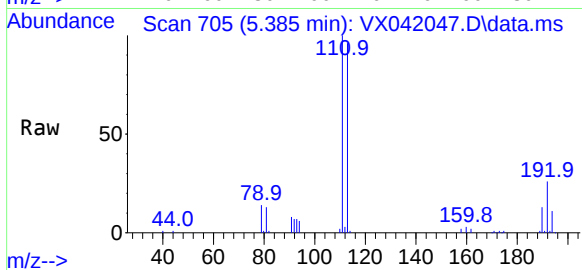
Tgt Ion:113 Resp: 76590

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

192 25.6 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 4.801 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX042047.D

Acq: 26 Jun 2024 12:49

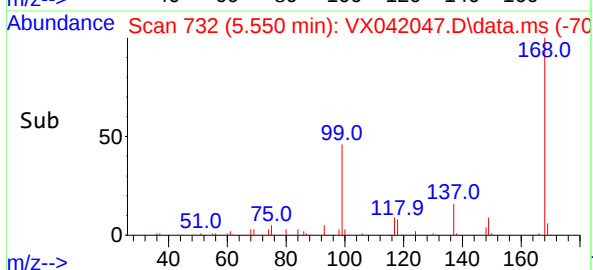
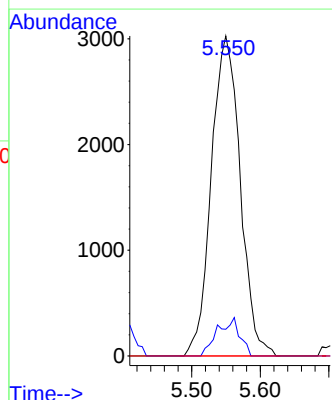
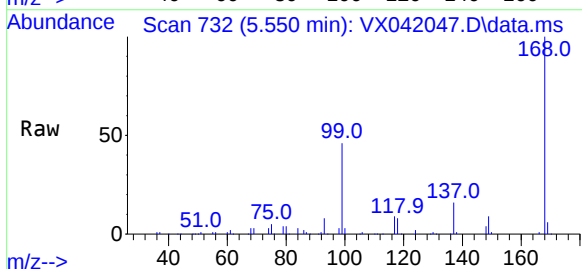
Tgt Ion: 75 Resp: 8862

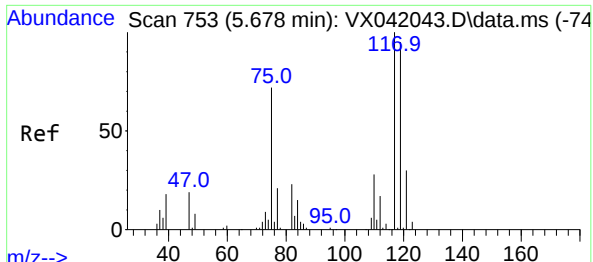
Ion Ratio Lower Upper

75 100

110 9.2 17.0 50.9#

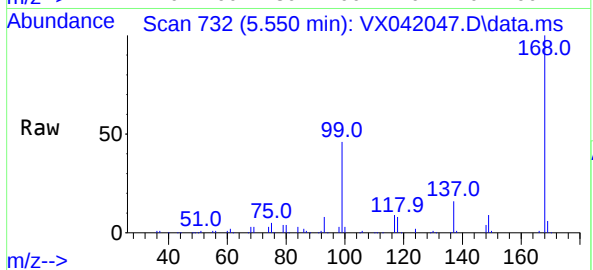
77 0.0 24.7 37.1#



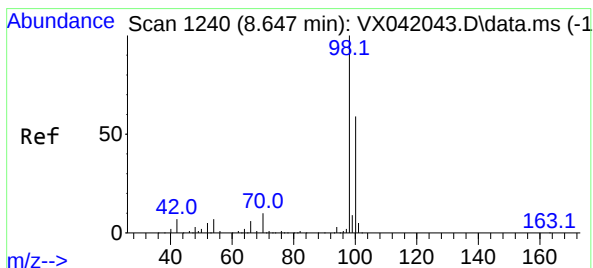
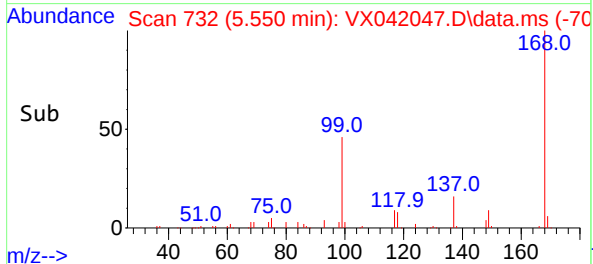
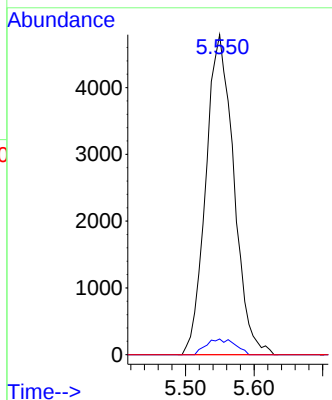


#38
Carbon Tetrachloride
Concen: 6.653 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042047.D
Acq: 26 Jun 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :

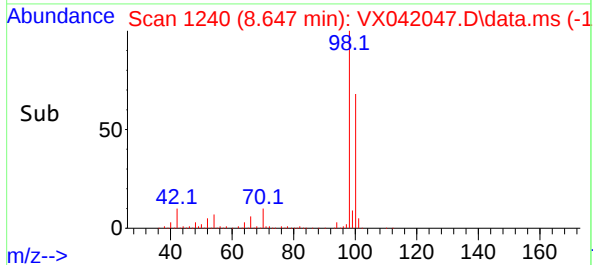
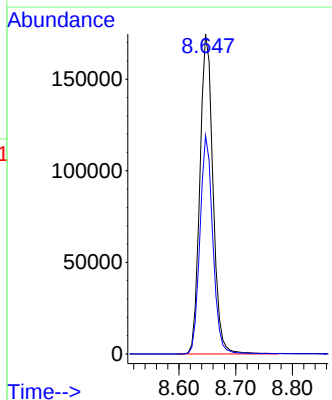
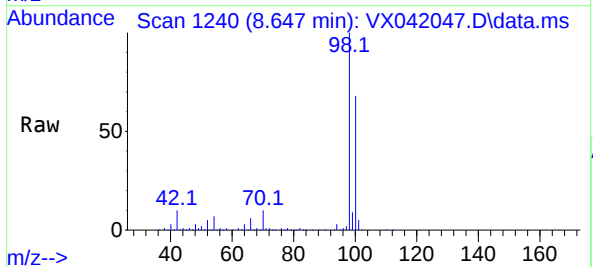


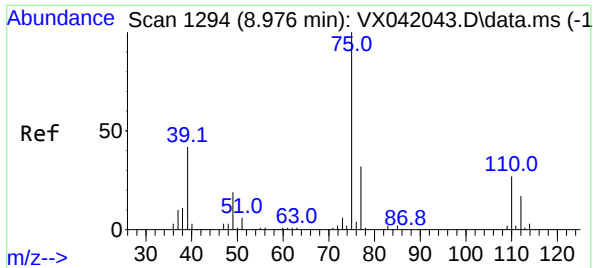
Tgt Ion:117 Resp: 13568
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.971 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042047.D
Acq: 26 Jun 2024 12:49

Tgt Ion: 98 Resp: 280705
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7

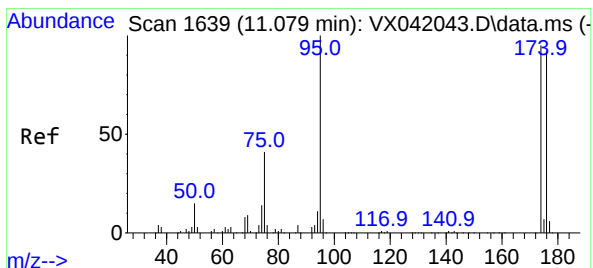
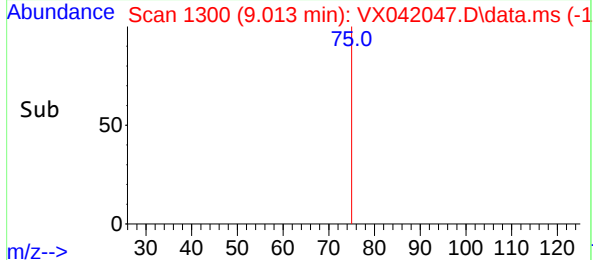
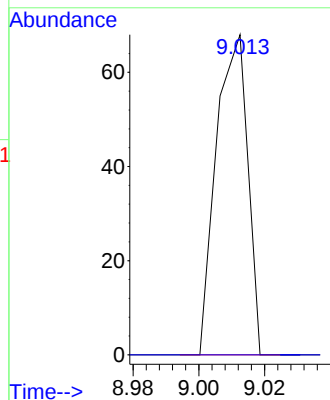
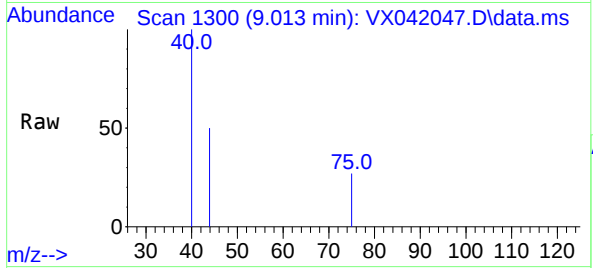




#53
t-1,3-Dichloropropene
Concen: 0.912 ug/l
RT: 9.013 min Scan# 11
Delta R.T. 0.031 min
Lab File: VX042047.D
Acq: 26 Jun 2024 12:49

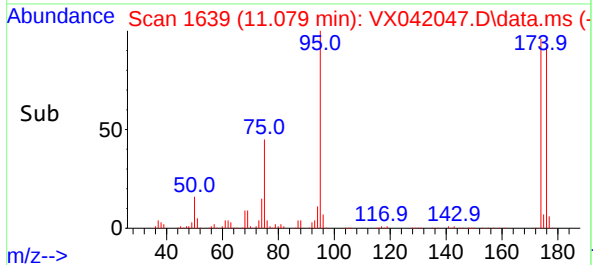
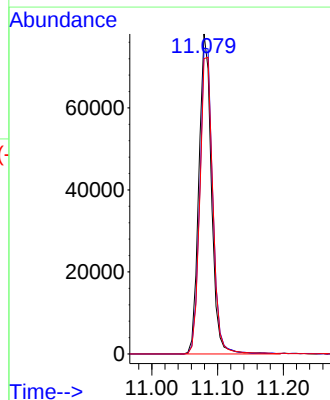
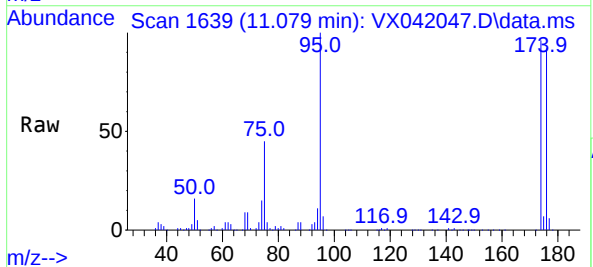
Instrument :
MSVOA_X
ClientSampleId :

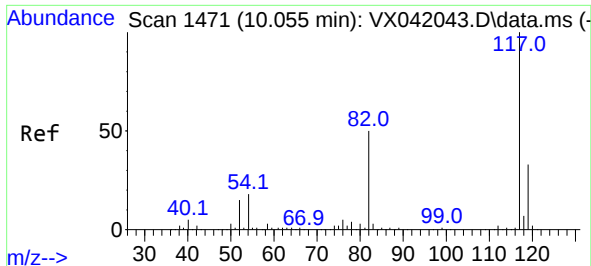
Tgt Ion: 75 Resp: 45
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 45.726 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042047.D
Acq: 26 Jun 2024 12:49

Tgt Ion: 95 Resp: 102921
Ion Ratio Lower Upper
95 100
174 98.4 0.0 135.6
176 96.2 0.0 131.0

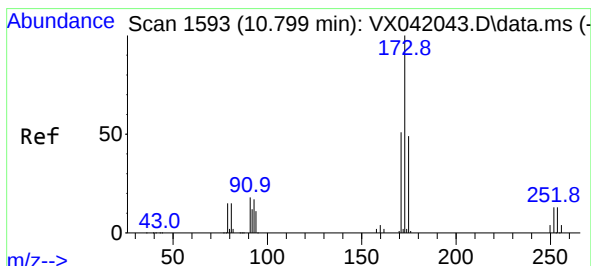
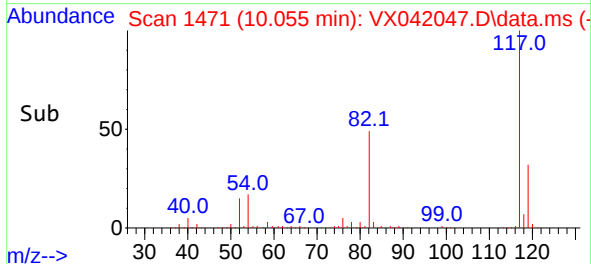
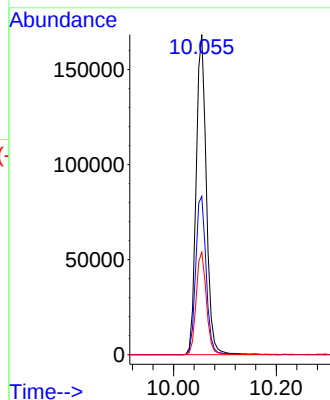
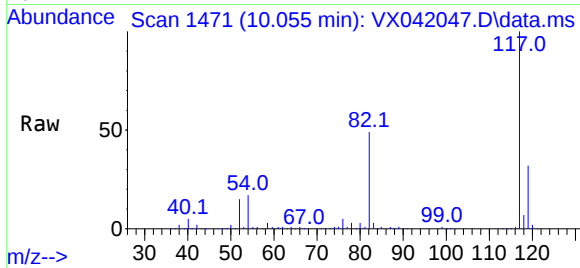




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042047.D
Acq: 26 Jun 2024 12:49

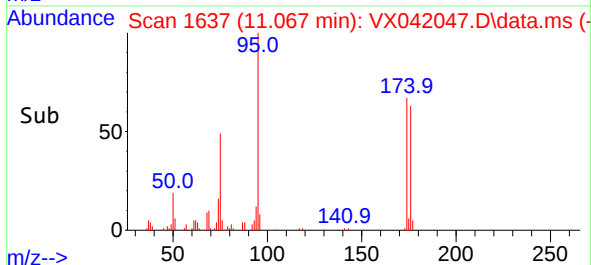
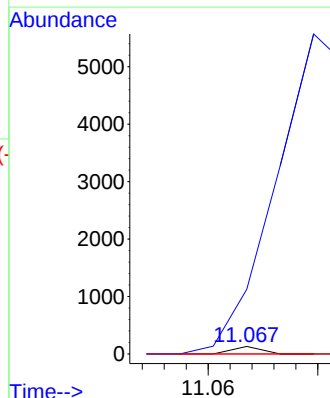
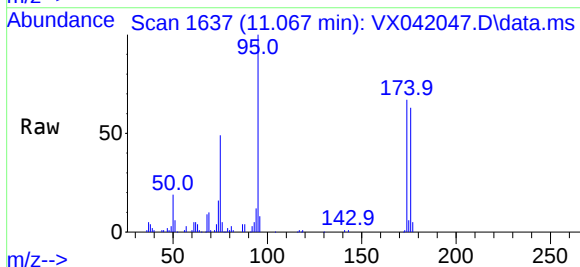
Instrument :
MSVOA_X
ClientSampleId :

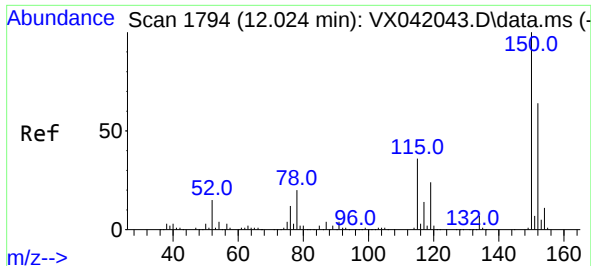
Tgt Ion:117 Resp: 233342
Ion Ratio Lower Upper
117 100
82 49.5 46.2 69.4
119 32.1 25.5 38.3



#71
Bromoform
Concen: 0.906 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.268 min
Lab File: VX042047.D
Acq: 26 Jun 2024 12:49

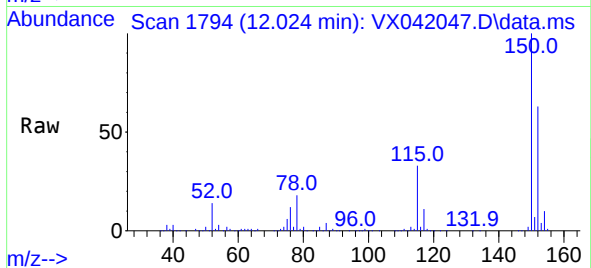
Tgt Ion:173 Resp: 48
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0



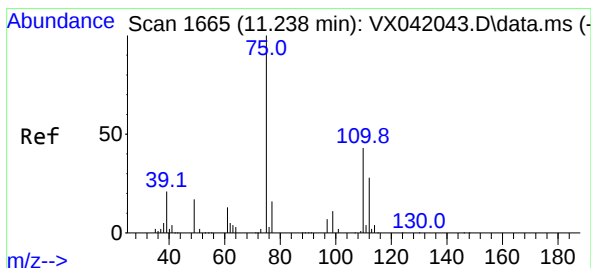
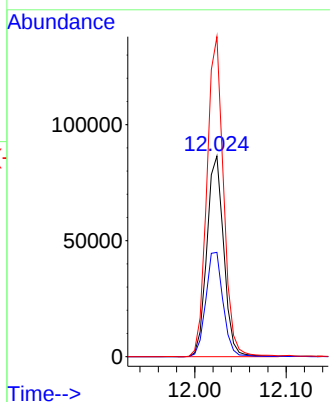
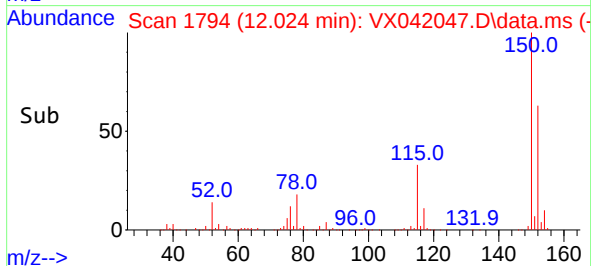


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042047.D
Acq: 26 Jun 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :

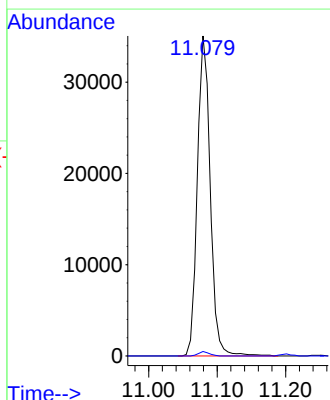
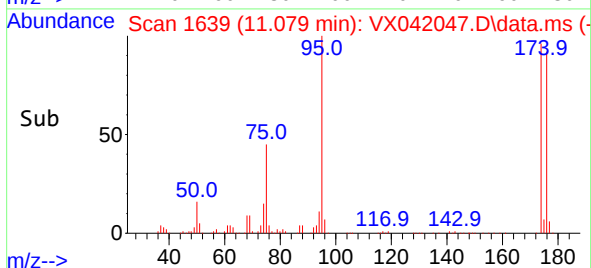
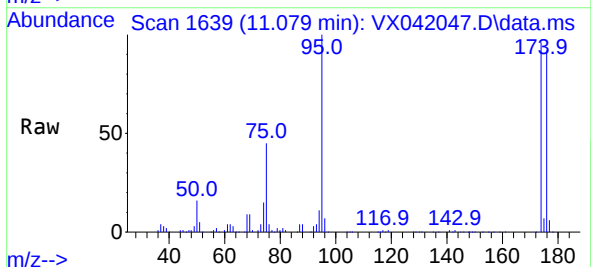


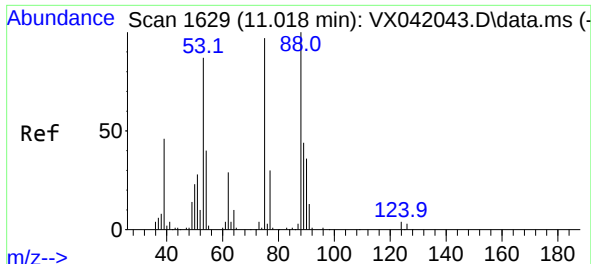
Tgt Ion:152 Resp: 111011
Ion Ratio Lower Upper
152 100
115 53.6 43.3 129.9
150 157.2 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 22.812 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX042047.D
Acq: 26 Jun 2024 12:49

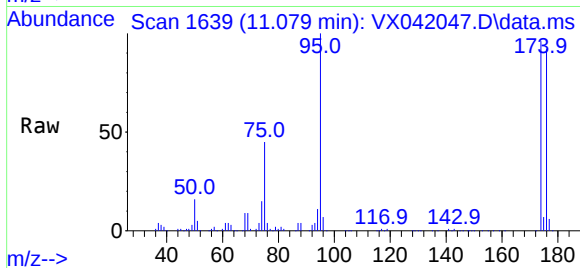
Tgt Ion: 75 Resp: 45972
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



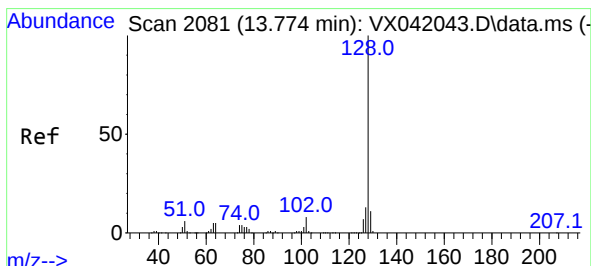
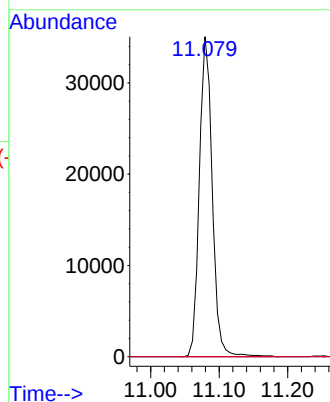
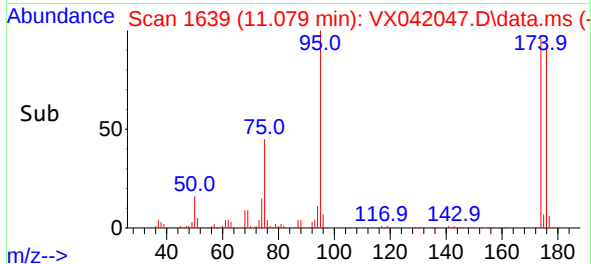


#81
trans-1,4-Dichloro-2-butene
Concen: 64.783 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042047.D
Acq: 26 Jun 2024 12:49

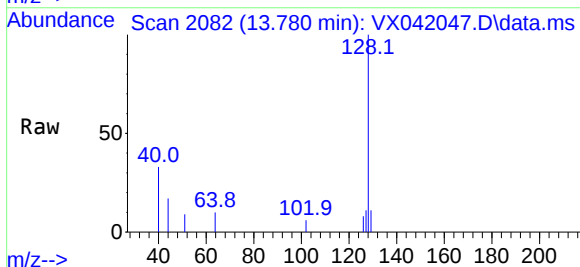
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 45972
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.962 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042047.D
Acq: 26 Jun 2024 12:49



Tgt Ion: 128 Resp: 1734
Ion Ratio Lower Upper
128 100
127 9.5 10.3 15.5#
129 10.8 8.8 13.2

