

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
 Data File : VX041247.D
 Acq On : 26 Apr 2024 10:10
 Operator : JC/MD
 Sample : VX0426WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 27 02:12:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

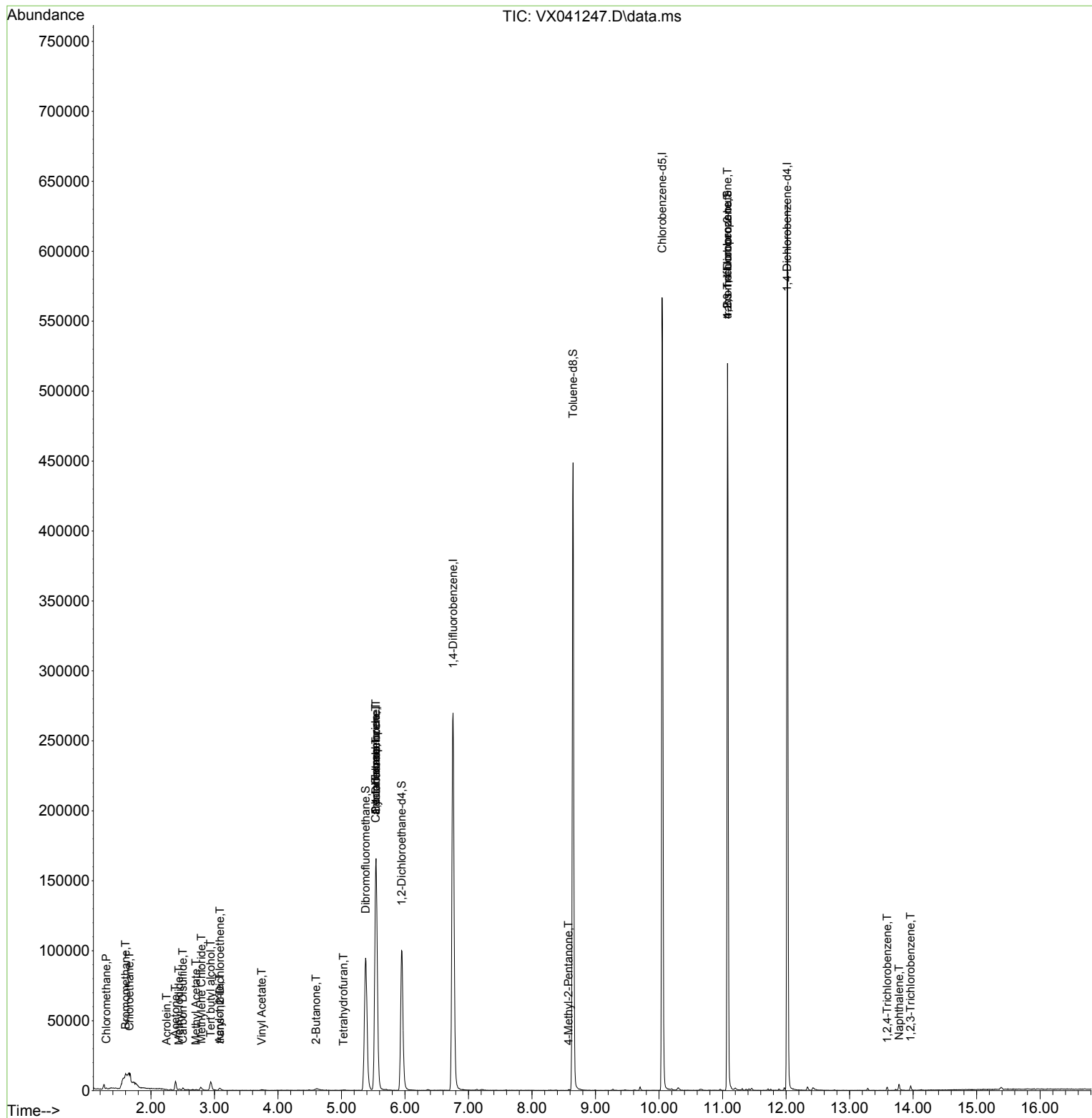
Internal Standards						
1) Pentafluorobenzene	5.544	168	178025	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	297963	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	283053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	141345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97578	57.580	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.160%
35) Dibromofluoromethane	5.379	113	81171	44.785	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.560%
50) Toluene-d8	8.647	98	273764	44.769	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.540%#
62) 4-Bromofluorobenzene	11.079	95	127325	56.412	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.820%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	489	0.321	ug/l	89
5) Bromomethane	1.599	94	890	1.037	ug/l	88
6) Chloroethane	1.660	64	376	0.649	ug/l	96
10) Methyl Iodide	2.441	142	885	0.528	ug/l	# 78
11) Tert butyl alcohol	2.941	59	3716	12.240	ug/l	# 78
13) Acrolein	2.246	56	260	0.763	ug/l	# 73
15) Acrylonitrile	3.081	53	714	0.920	ug/l	93
16) Acetone	2.386	43	6870	11.137	ug/l	90
17) Carbon Disulfide	2.502	76	2020	0.745	ug/l	99
18) Methyl Acetate	2.709	43	564	0.309	ug/l	95
20) Methylene Chloride	2.794	84	1187	0.788	ug/l	# 74
21) trans-1,2-Dichloroethene	3.087	96	452	0.315	ug/l	# 69
23) Vinyl Acetate	3.745	43	1359	0.349	ug/l	# 73
25) 2-Butanone	4.599	43	226	0.215	ug/l	# 51
29) Tetrahydrofuran	5.032	42	224	0.312	ug/l	# 70
31) Cyclohexane	5.544	56	3099	1.359	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	10832	4.671	ug/l	# 52
38) Carbon Tetrachloride	5.538	117	15349	5.926	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.574	43	607	0.237	ug/l	# 86
76) 1,2,3-Trichloropropane	11.079	75	62816	27.583	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	62816	77.821	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	848	0.266	ug/l	92
95) Naphthalene	13.780	128	3909	0.426	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1105	0.329	ug/l	97

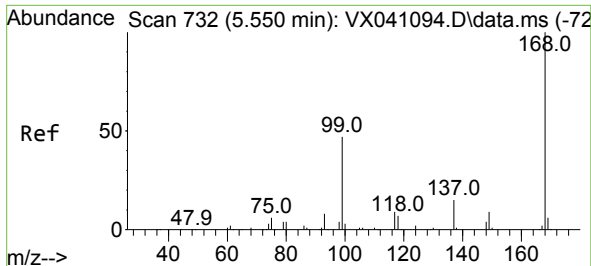
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
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MSVOA_X
ClientSampleId :

Quant Time: Apr 27 02:12:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration



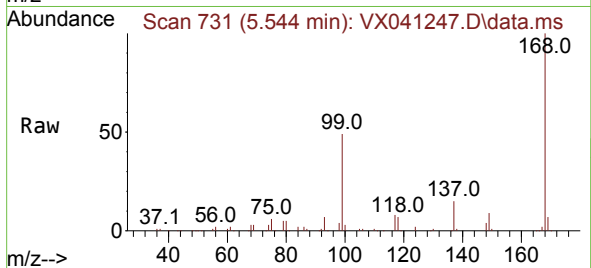


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

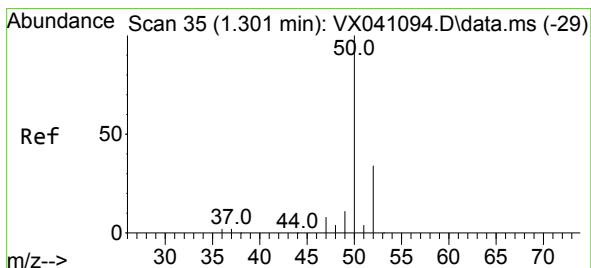
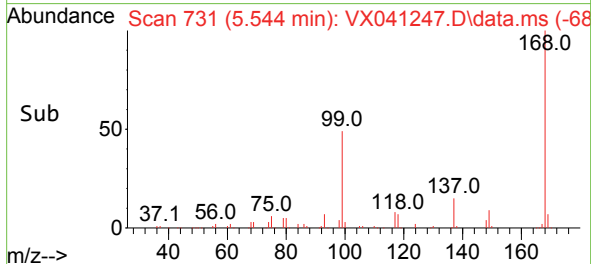
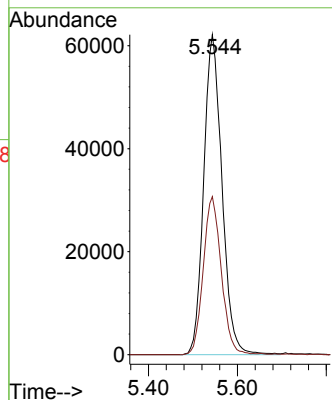
Instrument :

MSVOA_X

ClientSampleId :

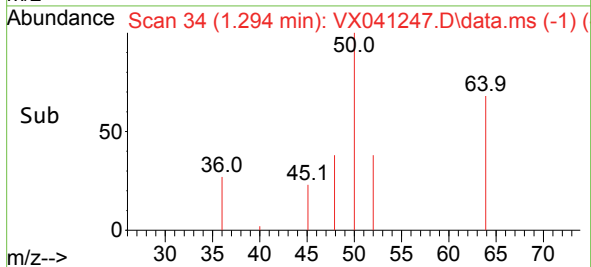
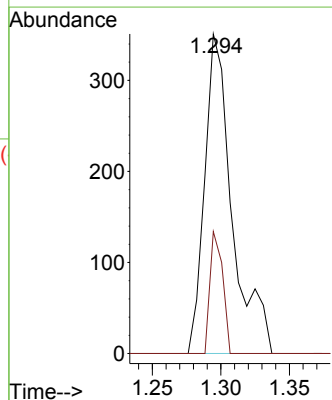
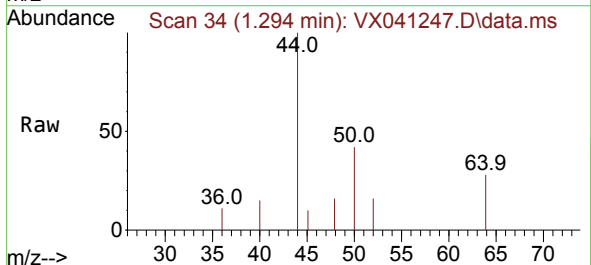


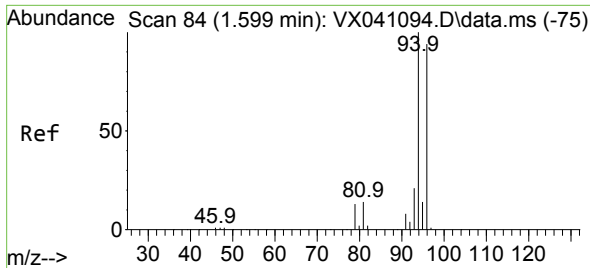
Tgt Ion:168 Resp: 178025
Ion Ratio Lower Upper
168 100
99 49.4 56.6 85.0#



#3
Chloromethane
Concen: 0.321 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

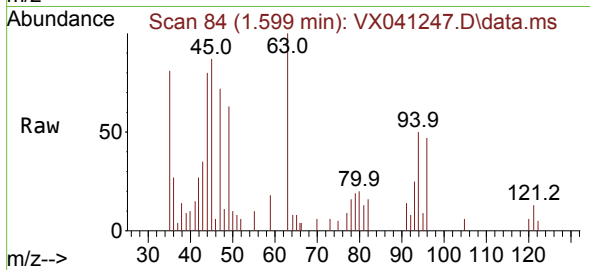
Tgt Ion: 50 Resp: 489
Ion Ratio Lower Upper
50 100
52 38.2 25.5 38.3



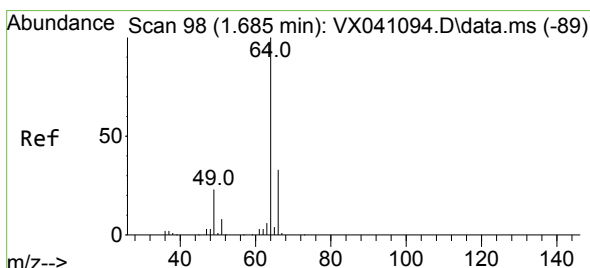
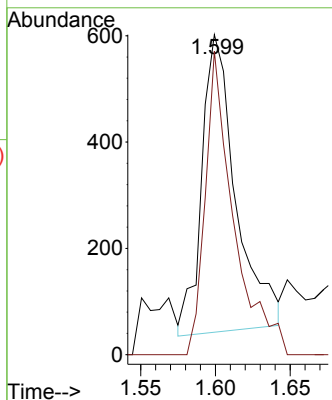
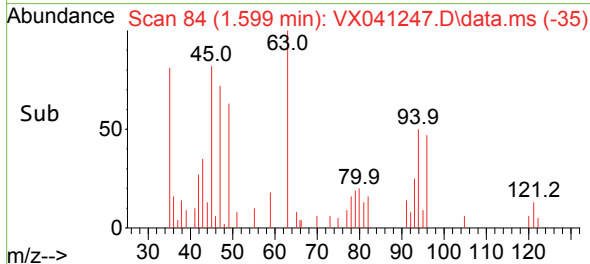


#5
Bromomethane
Concen: 1.037 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :

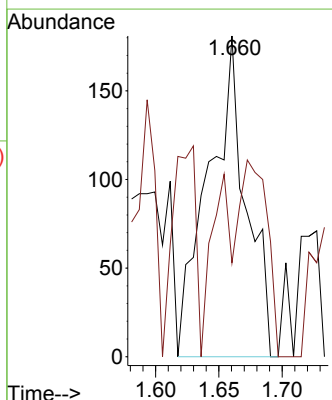
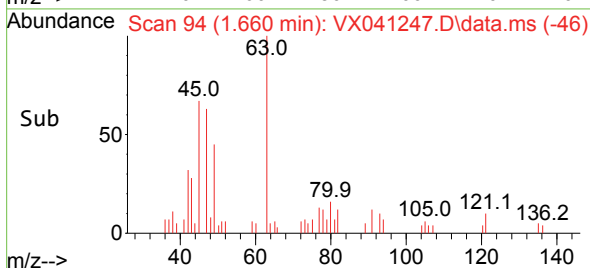
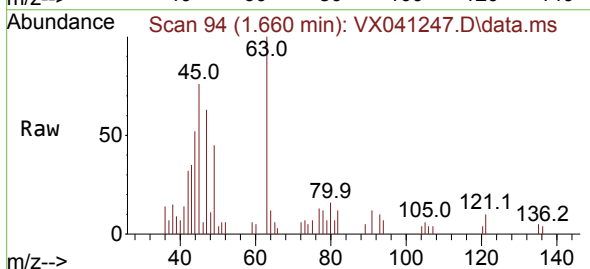


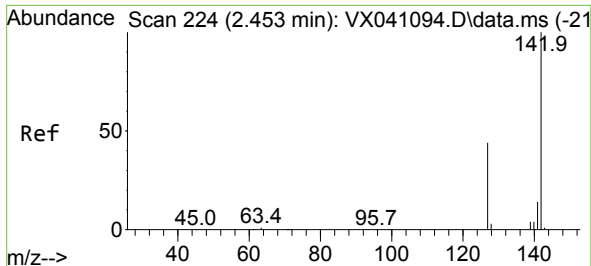
Tgt Ion: 94 Resp: 890
Ion Ratio Lower Upper
94 100
96 104.4 74.6 111.8



#6
Chloroethane
Concen: 0.649 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

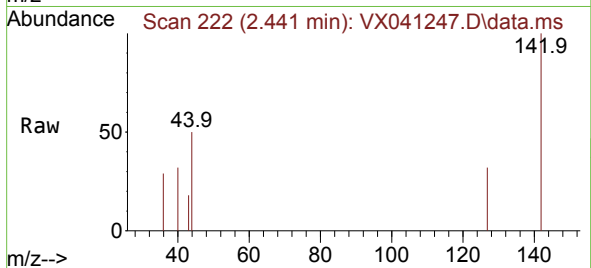
Tgt Ion: 64 Resp: 376
Ion Ratio Lower Upper
64 100
66 29.3 25.1 37.7



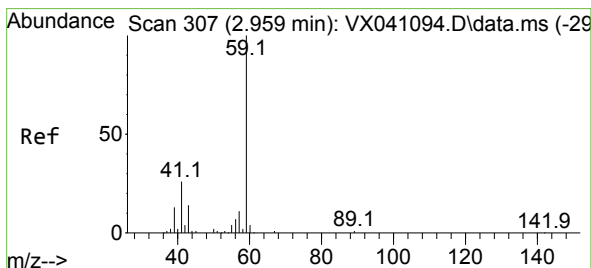
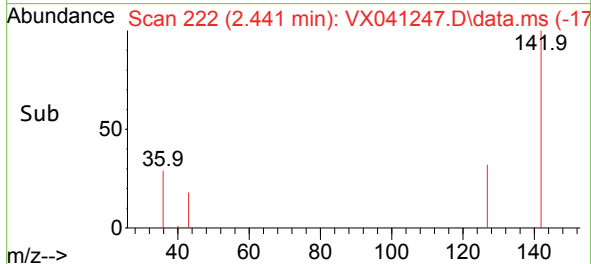
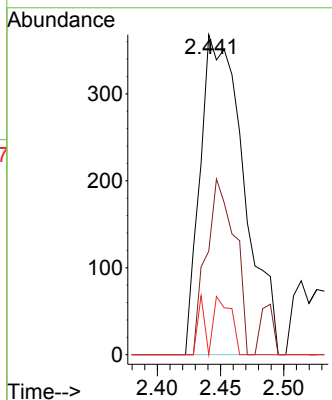


#10
Methyl Iodide
Concen: 0.528 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :

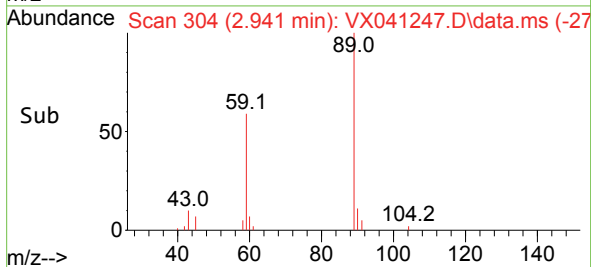
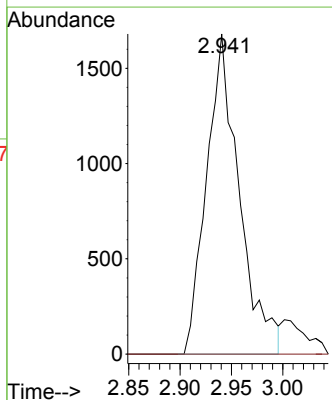
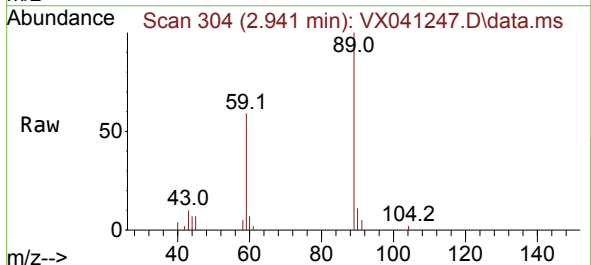


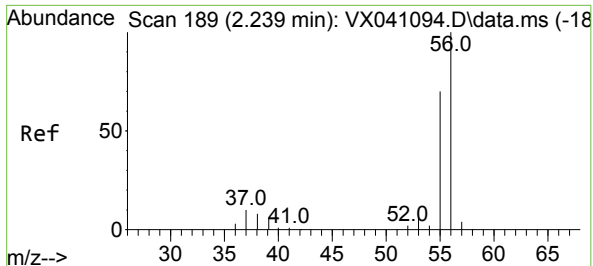
Tgt Ion:142 Resp: 885
Ion Ratio Lower Upper
142 100
127 35.8 41.6 62.4#
141 7.2 11.6 17.4#



#11
Tert butyl alcohol
Concen: 12.240 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.122 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

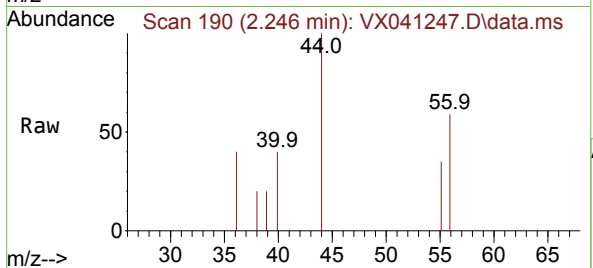
Tgt Ion: 59 Resp: 3716
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



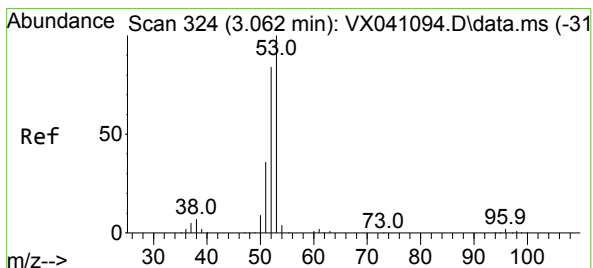
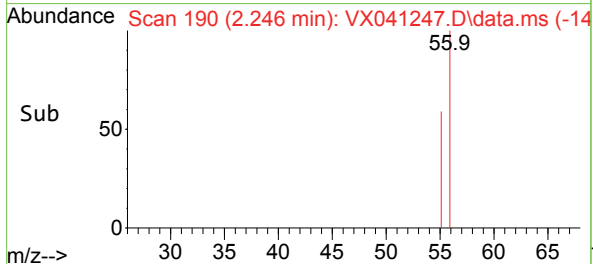
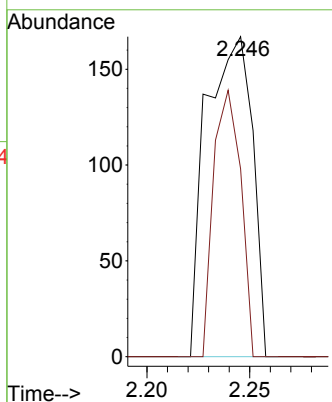


#13
Acrolein
Concen: 0.763 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :

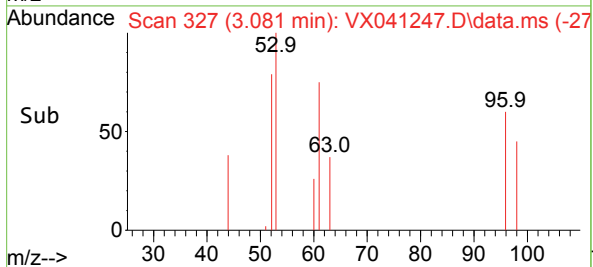
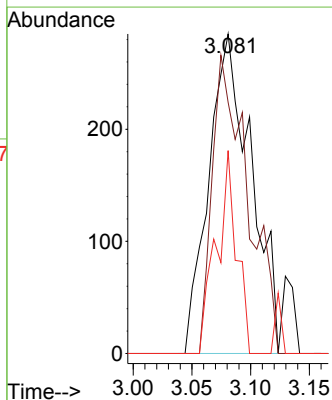
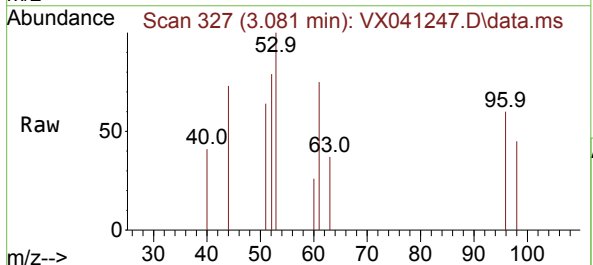


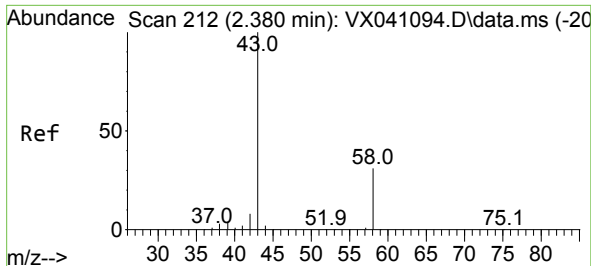
Tgt Ion: 56 Resp: 260
Ion Ratio Lower Upper
56 100
55 49.2 57.1 85.7#



#15
Acrylonitrile
Concen: 0.920 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

Tgt Ion: 53 Resp: 714
Ion Ratio Lower Upper
53 100
52 78.4 66.0 99.0
51 30.4 29.8 44.6

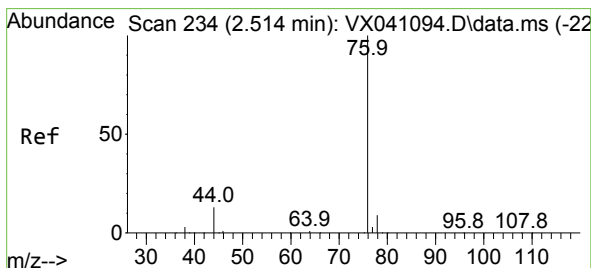
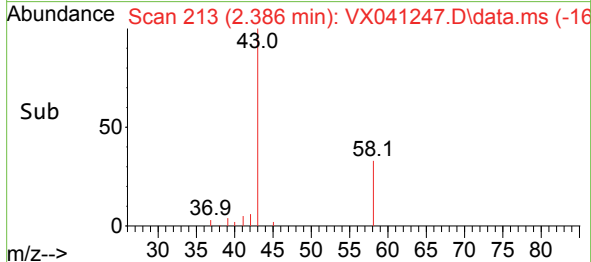
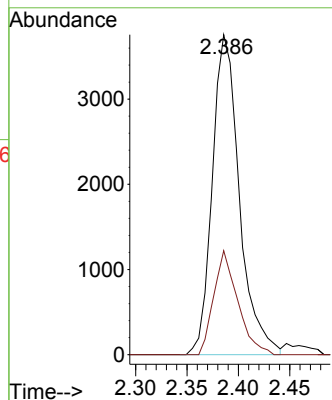
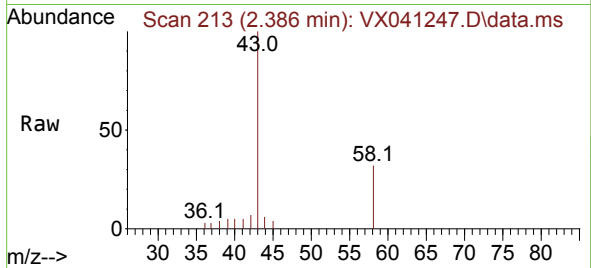




#16
Acetone
Concen: 11.137 ug/l
RT: 2.386 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

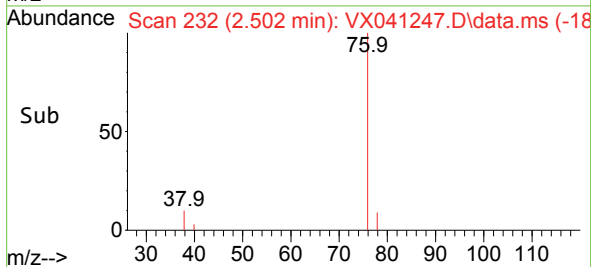
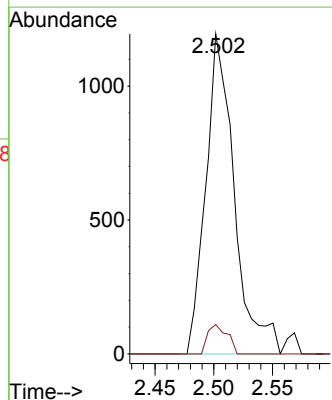
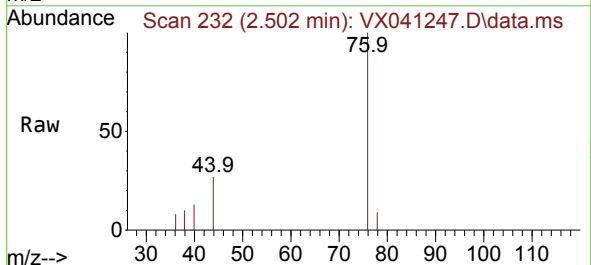
Instrument :
MSVOA_X
ClientSampleId :

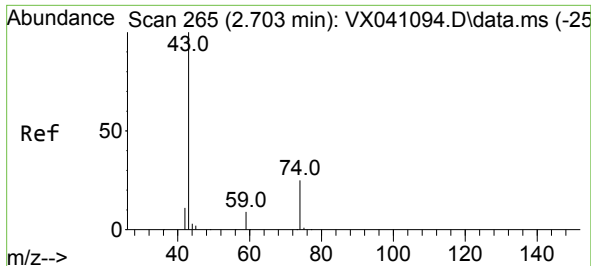
Tgt Ion: 43 Resp: 6870
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9



#17
Carbon Disulfide
Concen: 0.745 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

Tgt Ion: 76 Resp: 2020
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

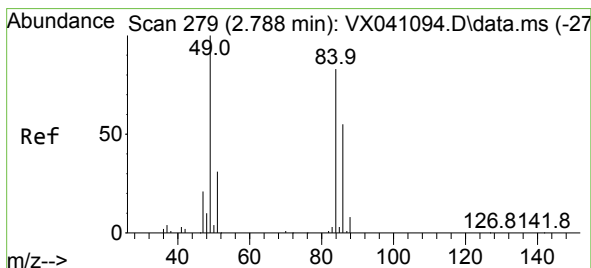
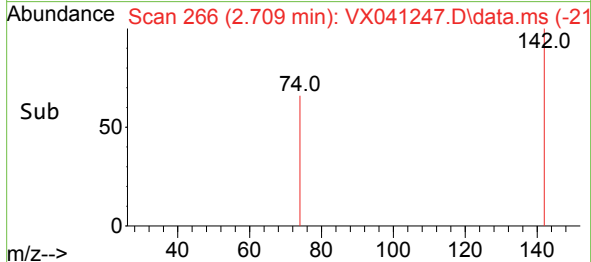
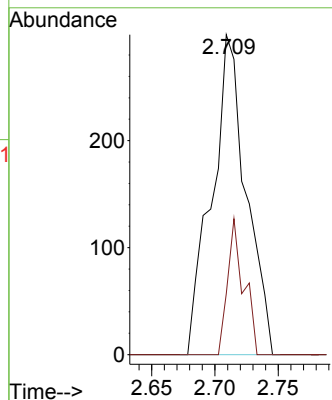
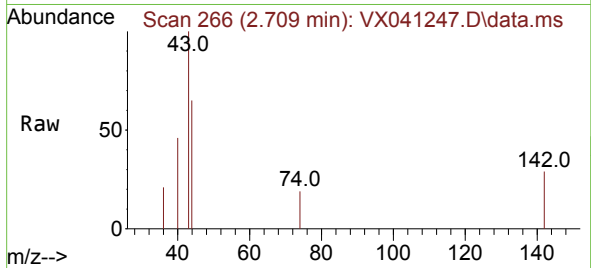




#18
Methyl Acetate
Concen: 0.309 ug/l
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

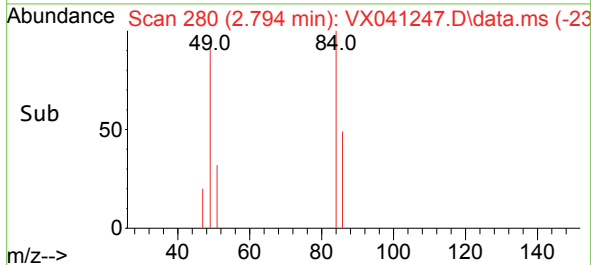
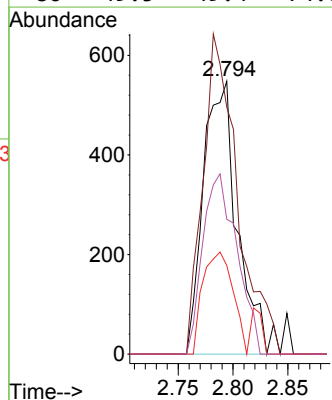
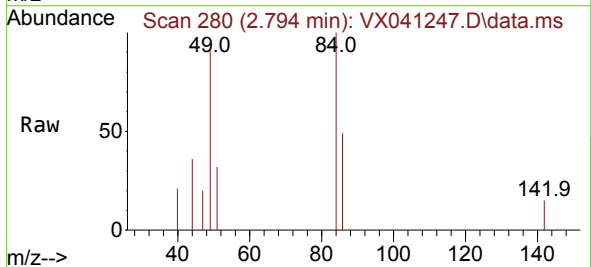
Instrument :
MSVOA_X
ClientSampleId :

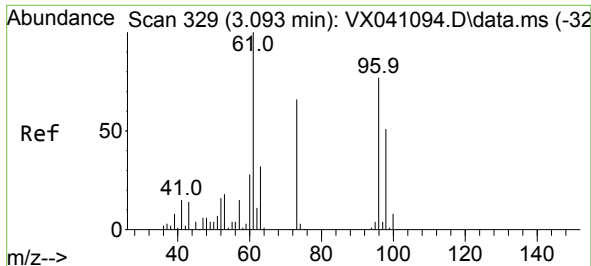
Tgt Ion: 43 Resp: 564
Ion Ratio Lower Upper
43 100
74 20.0 17.8 26.8



#20
Methylene Chloride
Concen: 0.788 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

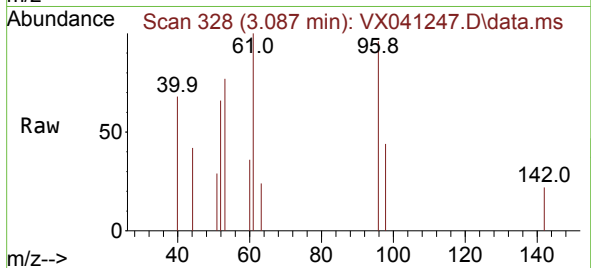
Tgt Ion: 84 Resp: 1187
Ion Ratio Lower Upper
84 100
49 90.5 103.6 155.4#
51 32.5 33.8 50.6#
86 49.5 49.4 74.0



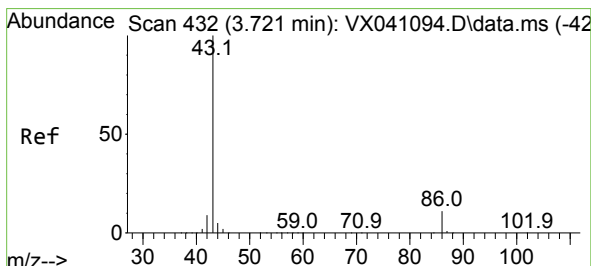
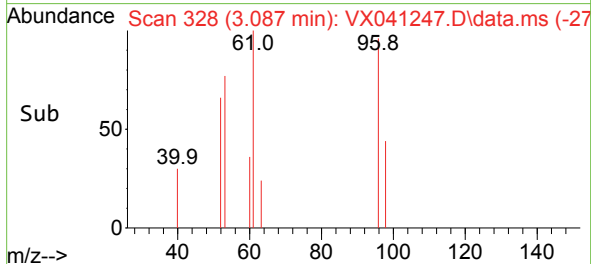
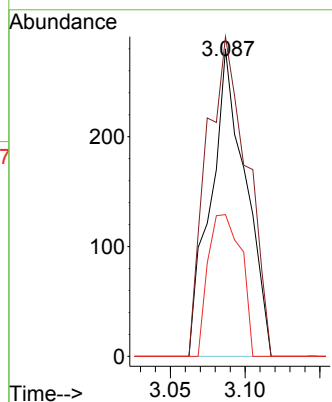


#21
trans-1,2-Dichloroethene
Concen: 0.315 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :

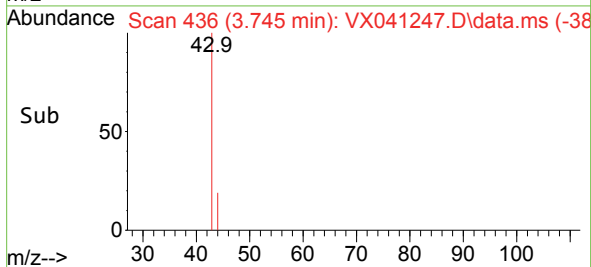
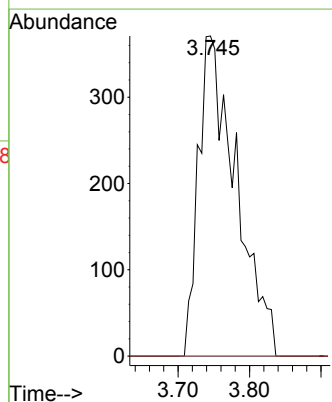
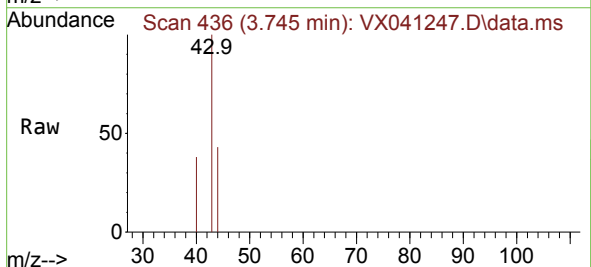


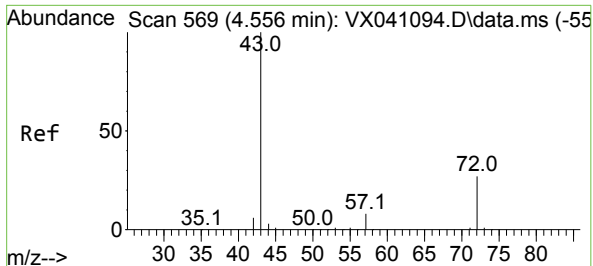
Tgt Ion: 96 Resp: 452
Ion Ratio Lower Upper
96 100
61 103.9 119.2 178.8#
98 46.1 48.7 73.1#



#23
Vinyl Acetate
Concen: 0.349 ug/l
RT: 3.745 min Scan# 436
Delta R.T. 0.024 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

Tgt Ion: 43 Resp: 1359
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.8#





#25

2-Butanone

Concen: 0.215 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.030 min

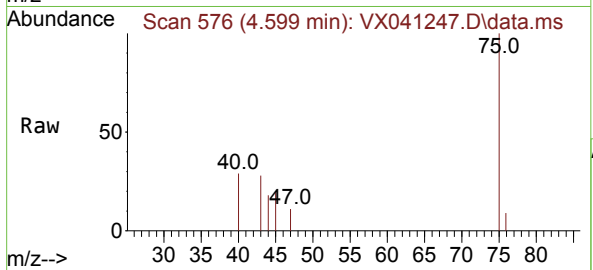
Lab File: VX041247.D

Acq: 26 Apr 2024 10:10

Instrument :

MSVOA_X

ClientSampleId :

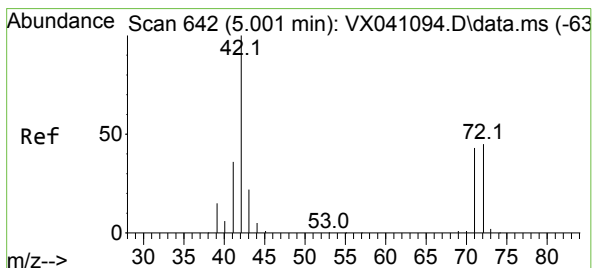
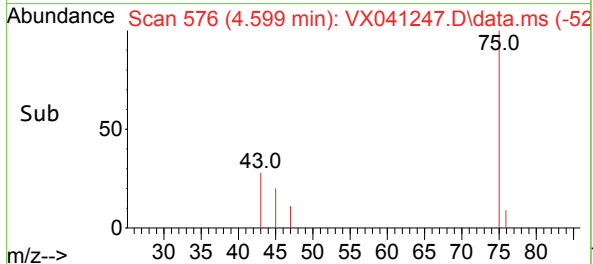
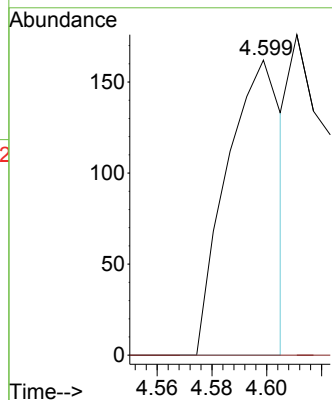


Tgt Ion: 43 Resp: 226

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#29

Tetrahydrofuran

Concen: 0.312 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.018 min

Lab File: VX041247.D

Acq: 26 Apr 2024 10:10

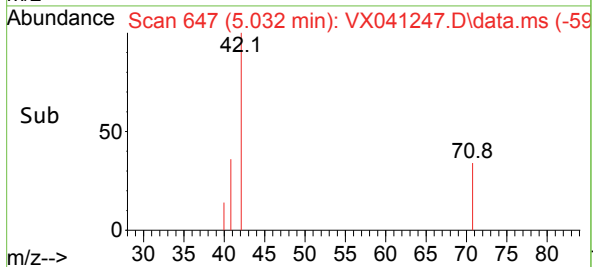
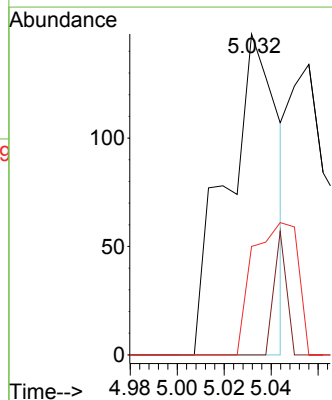
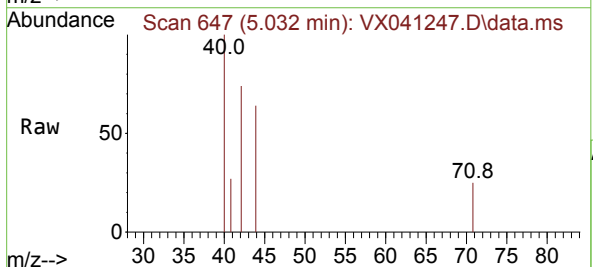
Tgt Ion: 42 Resp: 224

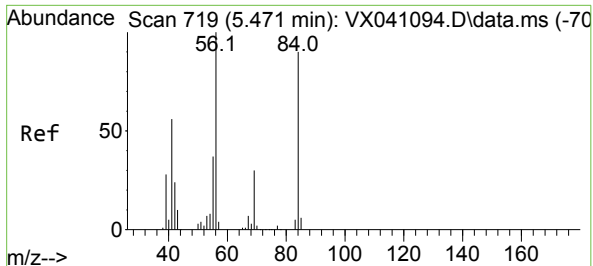
Ion Ratio Lower Upper

42 100

72 9.4 34.2 51.4#

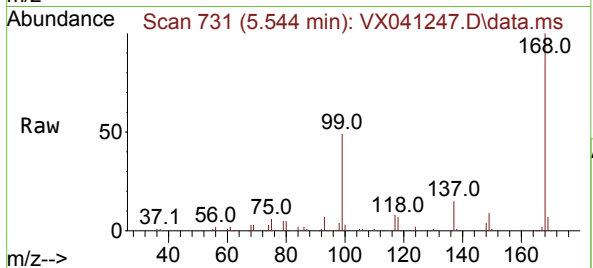
71 36.2 32.2 48.2



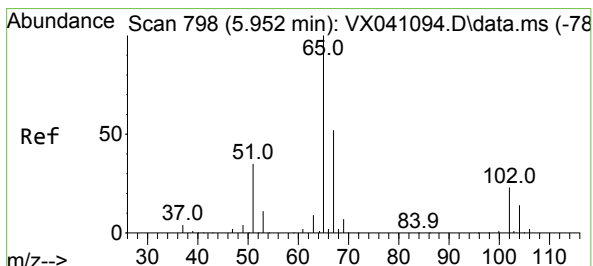
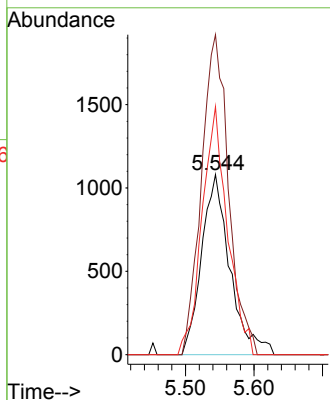
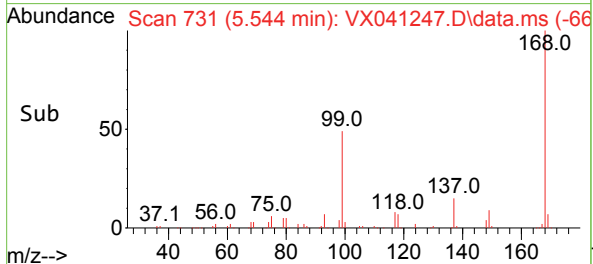


#31
Cyclohexane
Concen: 1.359 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :

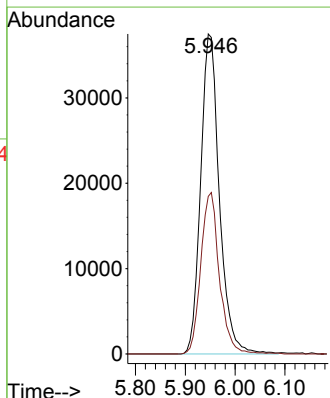
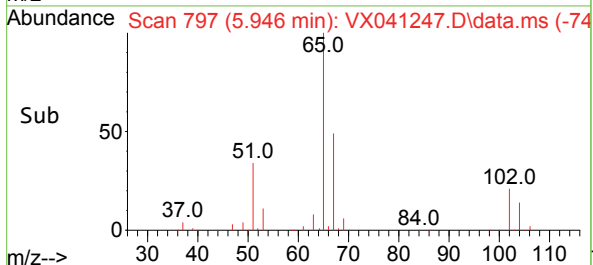
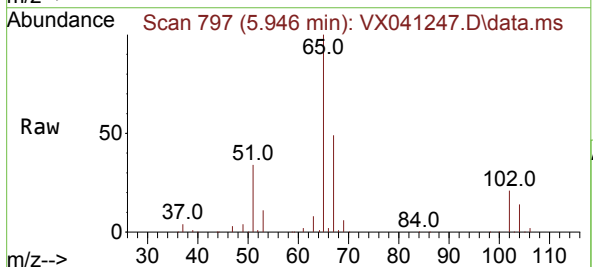


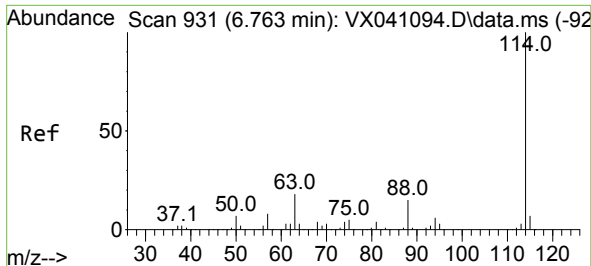
Tgt Ion: 56 Resp: 3099
Ion Ratio Lower Upper
56 100
69 177.6 23.4 35.2#
84 137.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 57.580 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

Tgt Ion: 65 Resp: 97578
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.2

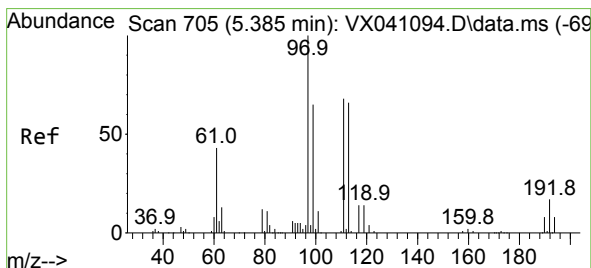
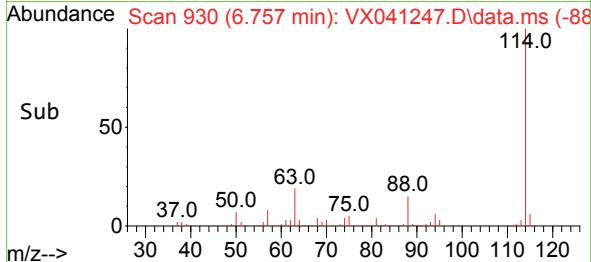
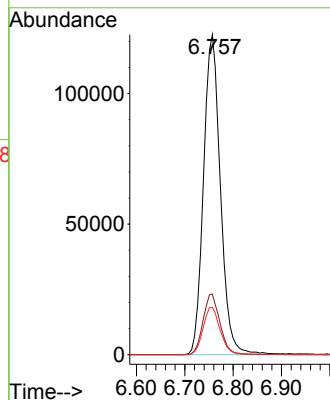
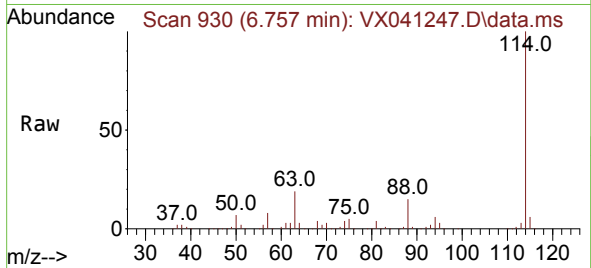




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

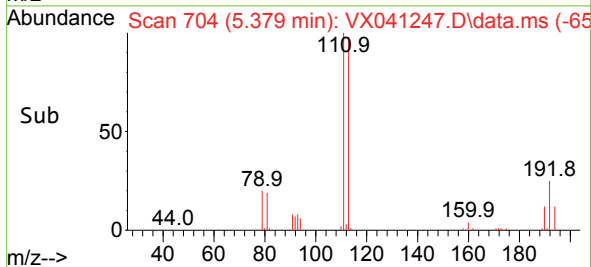
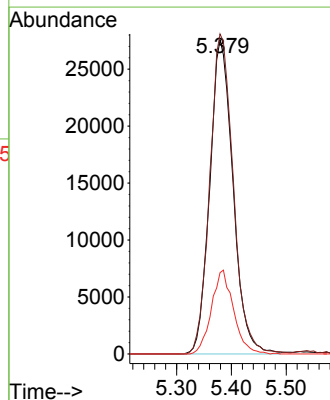
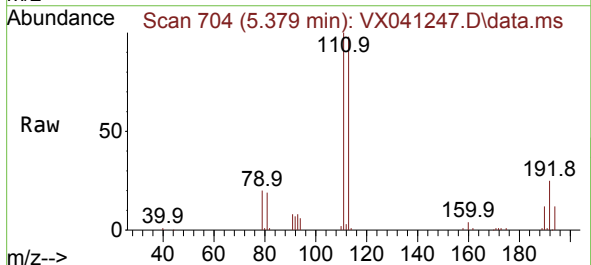
Instrument :
MSVOA_X
ClientSampleId :

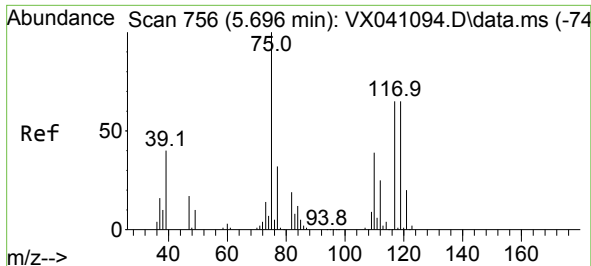
Tgt Ion:114 Resp: 297963
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.785 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

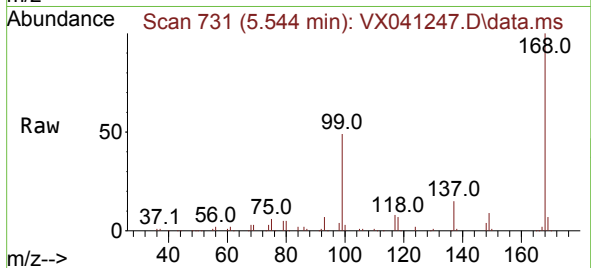
Tgt Ion:113 Resp: 81171
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 25.4 13.3 19.9#



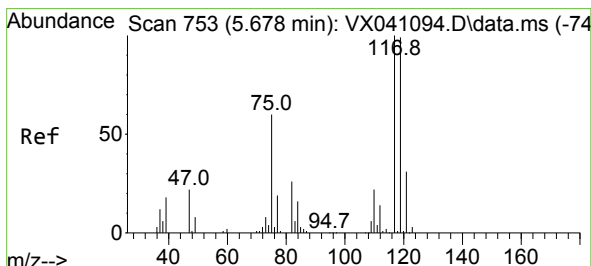
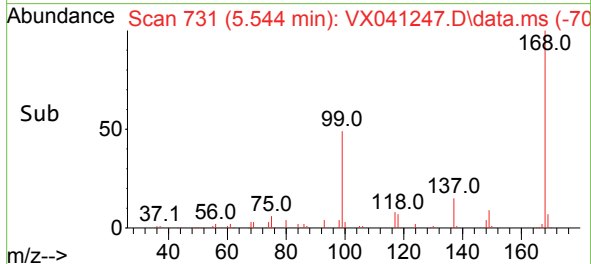
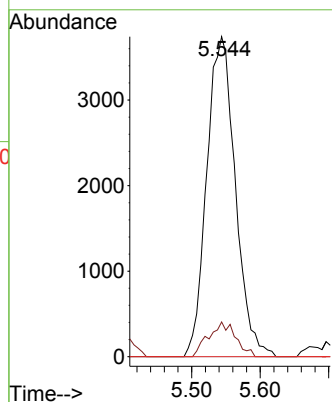


#36
1,1-Dichloropropene
Concen: 4.671 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :

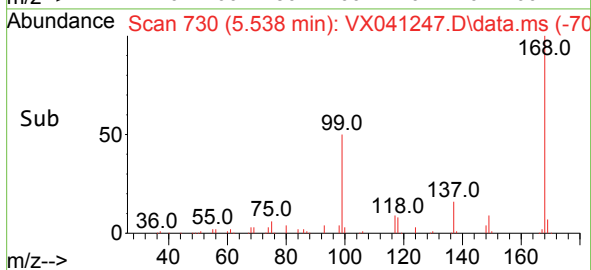
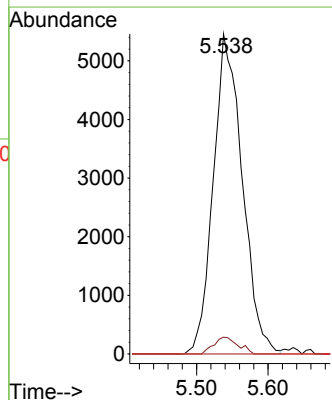
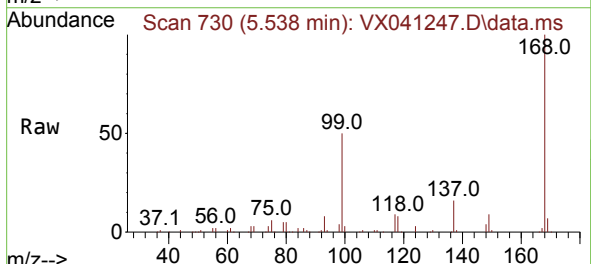


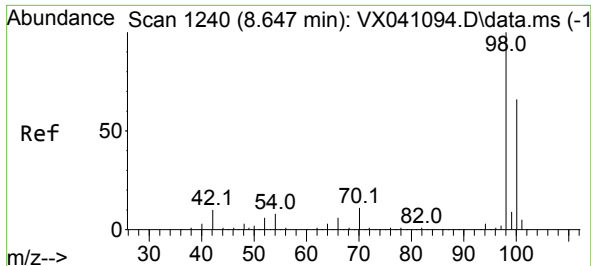
Tgt Ion: 75 Resp: 10832
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.926 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

Tgt Ion: 117 Resp: 15349
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#

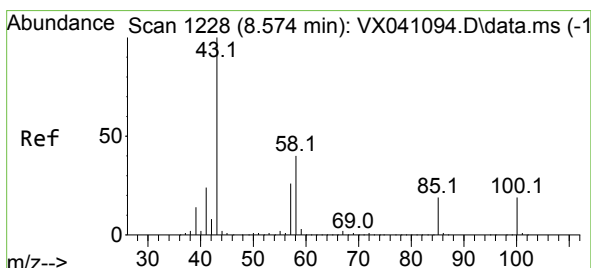
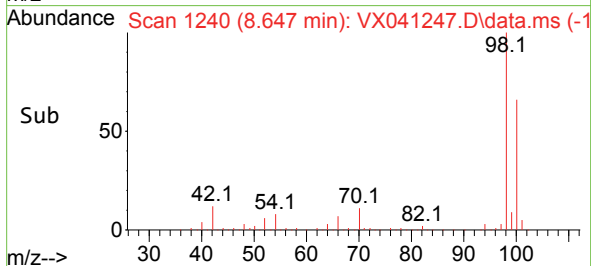
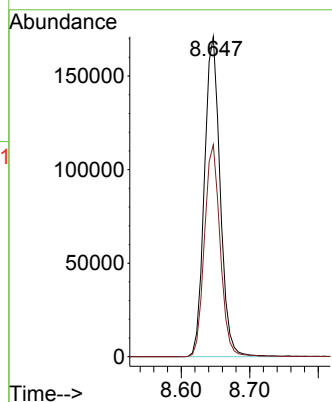
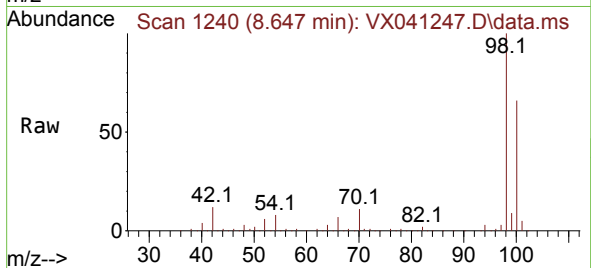




#50
Toluene-d8
Concen: 44.769 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

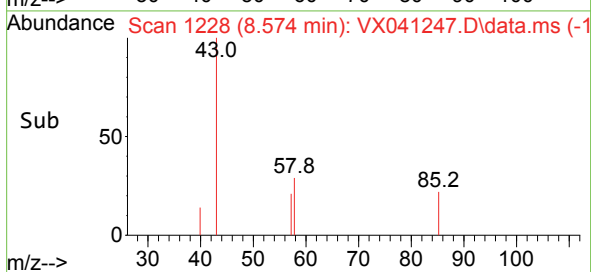
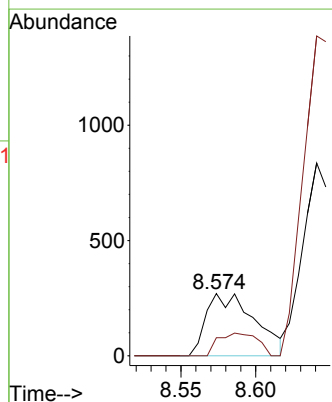
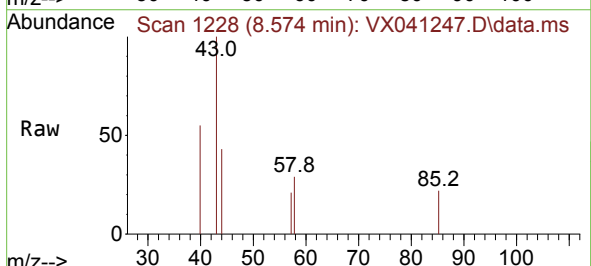
Instrument :
MSVOA_X
ClientSampleId :

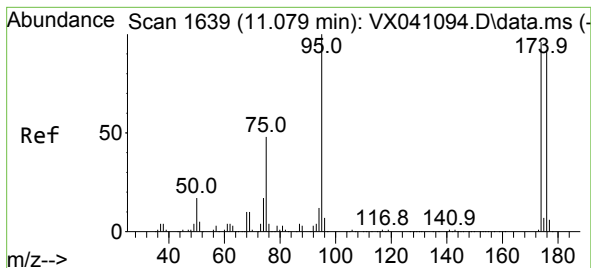
Tgt Ion: 98 Resp: 273764
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.237 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

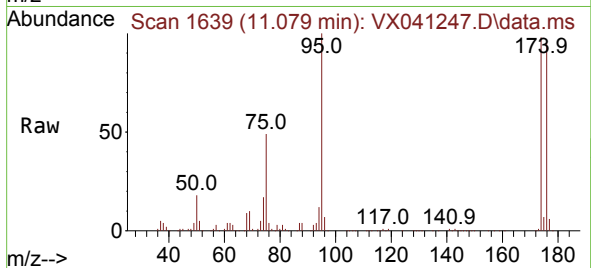
Tgt Ion: 43 Resp: 607
Ion Ratio Lower Upper
43 100
58 29.8 30.4 45.6#



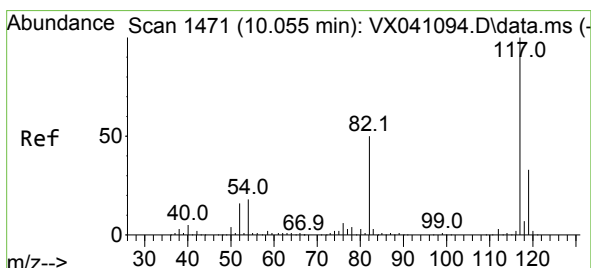
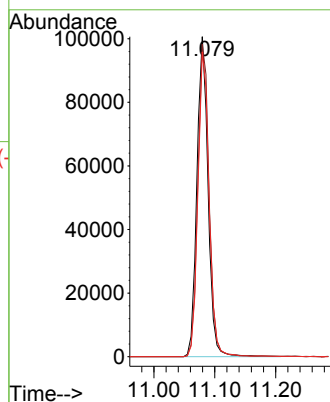
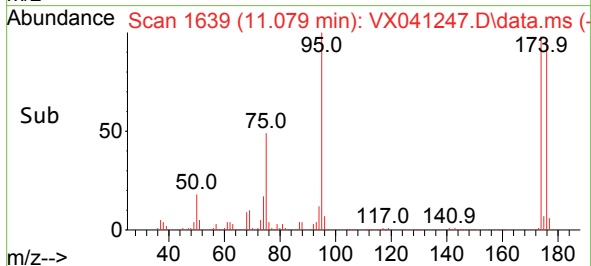


#62
4-Bromofluorobenzene
Concen: 56.412 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

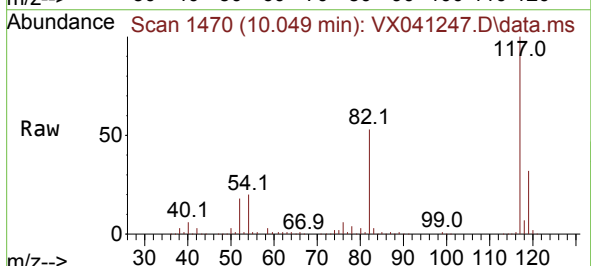
Instrument :
MSVOA_X
ClientSampleId :



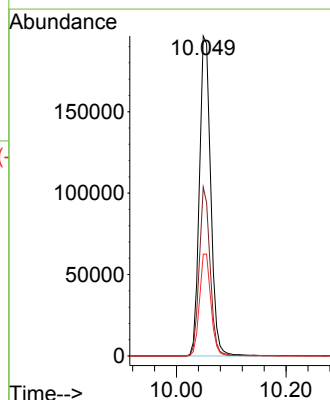
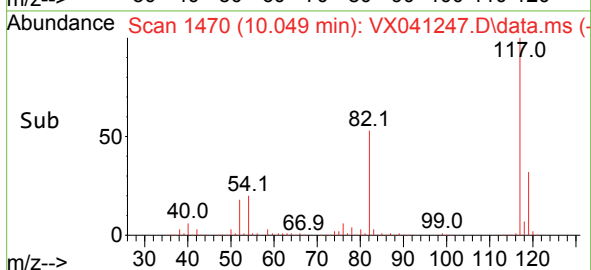
Tgt Ion: 95 Resp: 127325
Ion Ratio Lower Upper
95 100
174 99.5 0.0 135.6
176 95.2 0.0 131.0

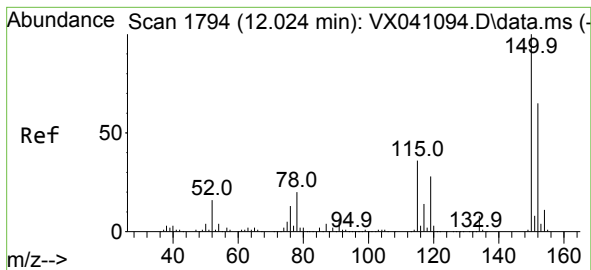


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10



Tgt Ion: 117 Resp: 283053
Ion Ratio Lower Upper
117 100
82 52.8 46.2 69.4
119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX041247.D

Acq: 26 Apr 2024 10:10

Instrument :

MSVOA_X

ClientSampleId :

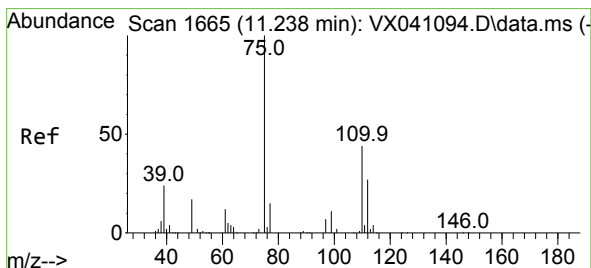
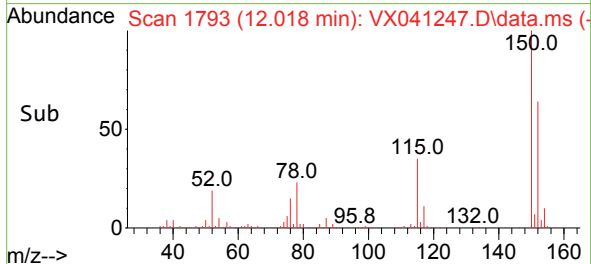
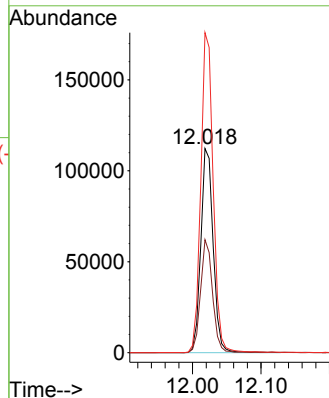
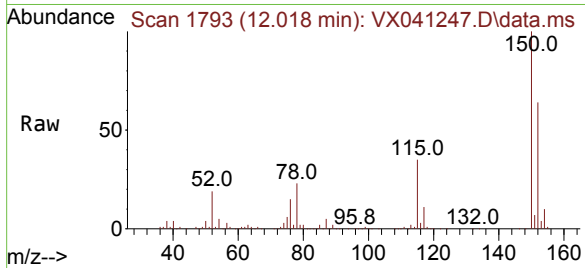
Tgt Ion:152 Resp: 141345

Ion Ratio Lower Upper

152 100

115 53.8 43.3 129.9

150 156.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.583 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041247.D

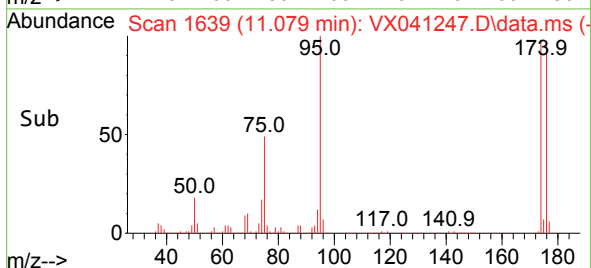
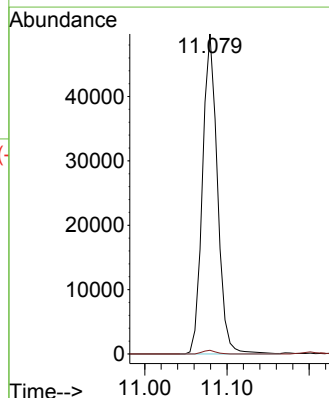
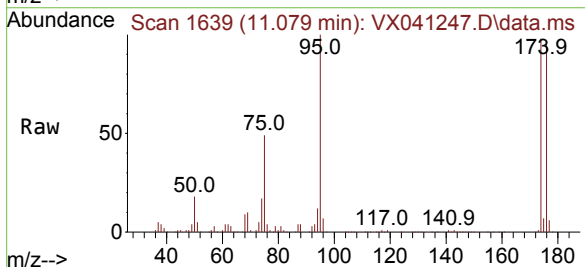
Acq: 26 Apr 2024 10:10

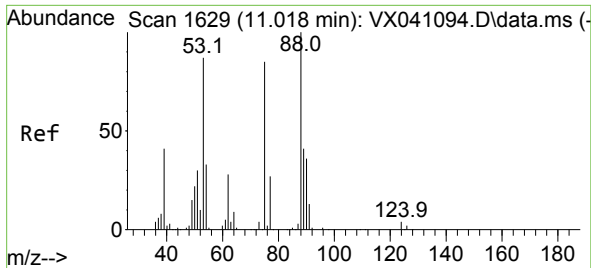
Tgt Ion: 75 Resp: 62816

Ion Ratio Lower Upper

75 100

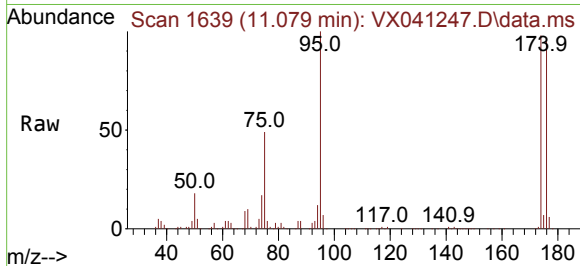
77 1.0 19.1 57.5#



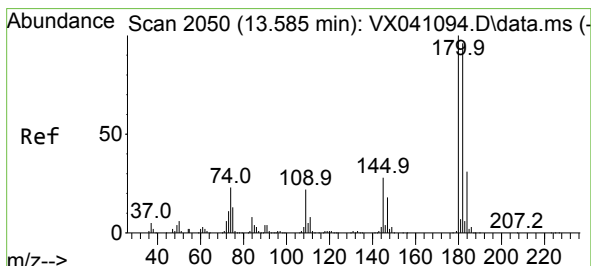
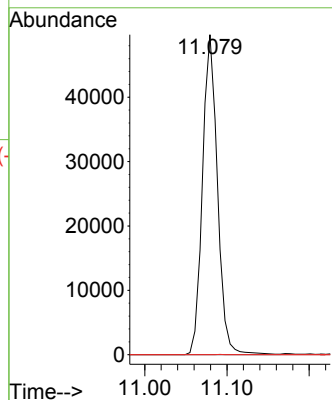
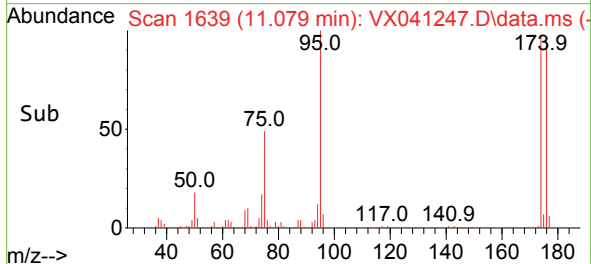


#81
trans-1,4-Dichloro-2-butene
Concen: 77.821 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10

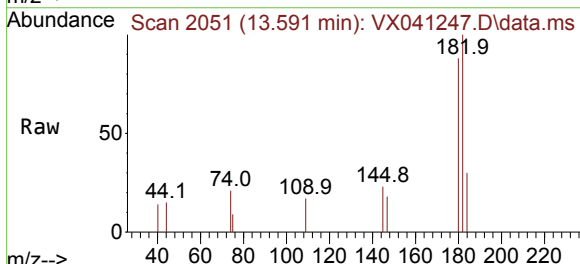
Instrument :
MSVOA_X
ClientSampleId :



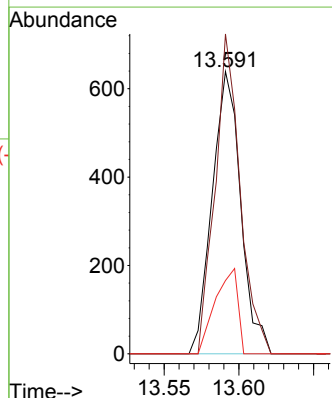
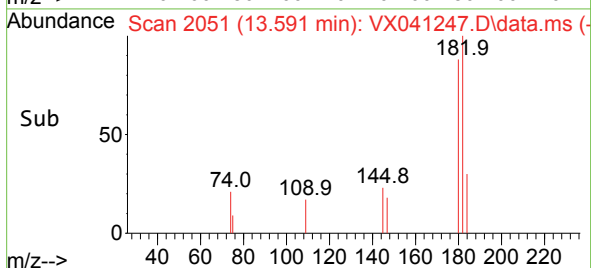
Tgt Ion: 75 Resp: 62816
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

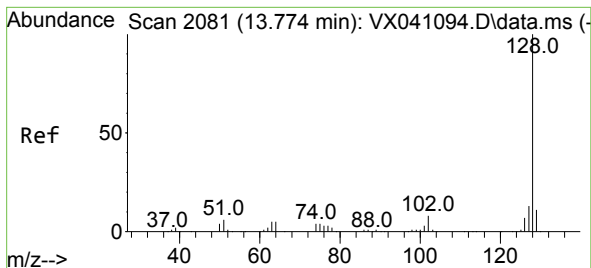


#93
1,2,4-Trichlorobenzene
Concen: 0.266 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041247.D
Acq: 26 Apr 2024 10:10



Tgt Ion: 180 Resp: 848
Ion Ratio Lower Upper
180 100
182 99.3 48.3 144.8
145 23.8 18.0 54.0





#95

Naphthalene

Concen: 0.426 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

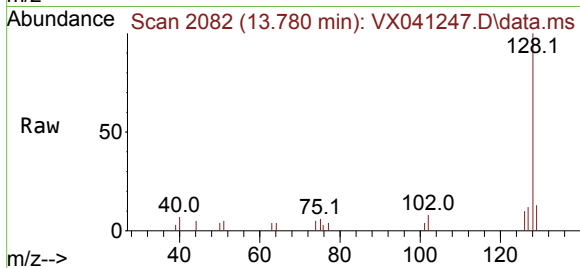
Lab File: VX041247.D

Acq: 26 Apr 2024 10:10

Instrument :

MSVOA_X

ClientSampleId :



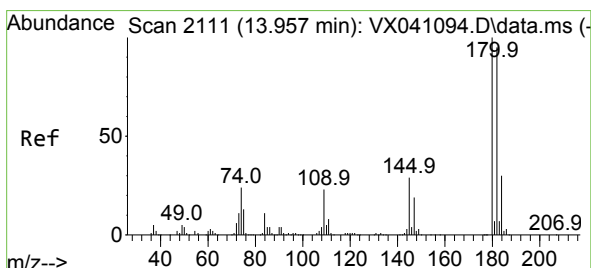
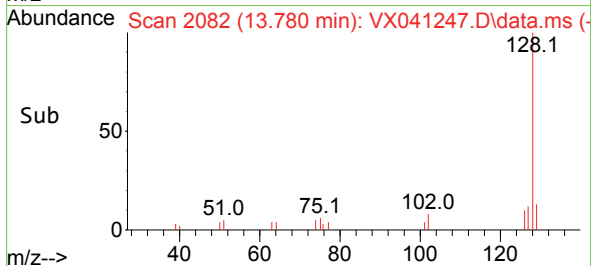
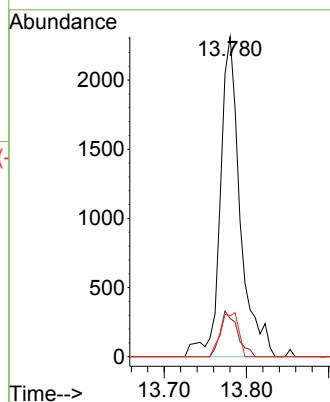
Tgt Ion:128 Resp: 3909

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

129 12.4 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.329 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041247.D

Acq: 26 Apr 2024 10:10

Tgt Ion:180 Resp: 1105

Ion Ratio Lower Upper

180 100

182 93.4 46.9 140.6

145 29.0 17.8 53.5

