

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040237.D
 Acq On : 14 Feb 2024 21:39
 Operator : JC/MD
 Sample : P1424-03 500X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 15 00:10:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	73789	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	126456	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64523	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	49547	45.135	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.260%
35) Dibromofluoromethane	5.391	113	40857	46.265	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.647	98	153307	46.409	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.820%
62) 4-Bromofluorobenzene	11.079	95	61745	45.830	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.660%

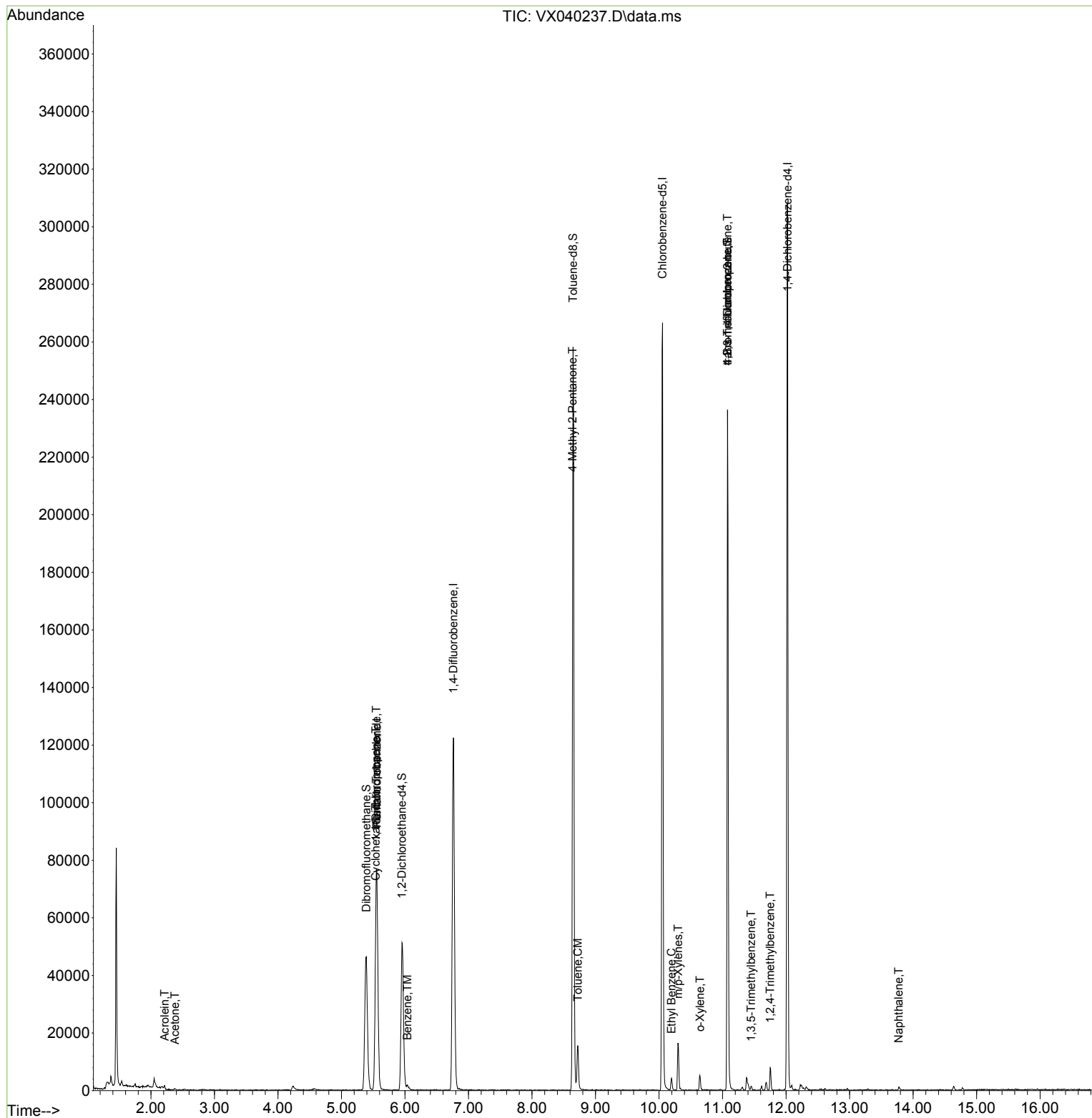
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.215	56	44	0.223	ug/l	# 1
16) Acetone	2.380	43	511	1.133	ug/l	94
20) Methylene Chloride	2.794	84	31	Below Cal	#	55
31) Cyclohexane	5.538	56	1705	1.302	ug/l	# 44
36) 1,1-Dichloropropene	5.544	75	6141	4.964	ug/l	# 49
38) Carbon Tetrachloride	5.550	117	7437	6.323	ug/l	# 14
40) Benzene	6.037	78	1722	0.498	ug/l	96
51) 4-Methyl-2-Pentanone	8.641	43	784	0.534	ug/l	# 1
52) Toluene	8.720	92	6008	2.651	ug/l	96
67) Ethyl Benzene	10.195	91	2878	0.633	ug/l	97
68) m/p-Xylenes	10.299	106	4107	2.392	ug/l	98
69) o-Xylene	10.646	106	1223	0.733	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	31496	24.105	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.451	105	870	0.227	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.079	75	31496	66.434	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.750	105	3744	0.967	ug/l	96
95) Naphthalene	13.774	128	1193	0.268	ug/l	# 85

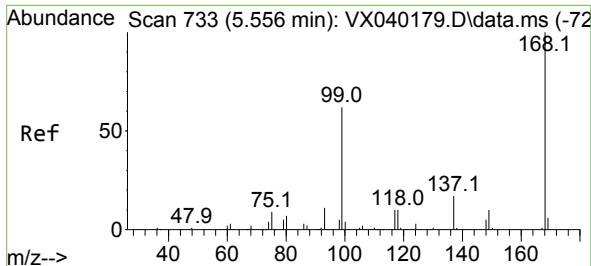
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

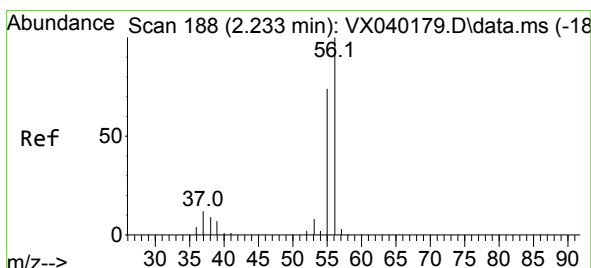
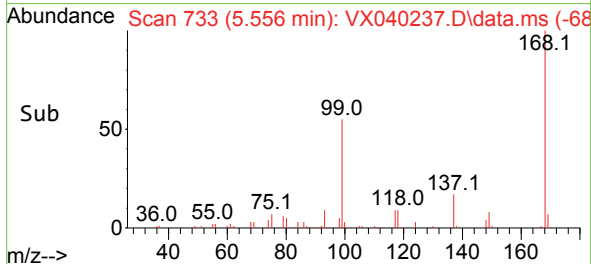
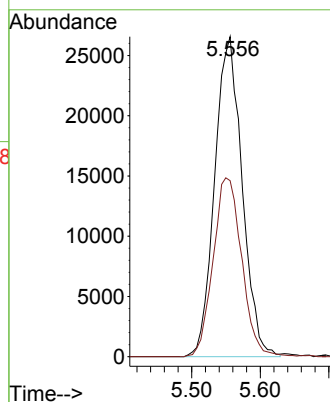
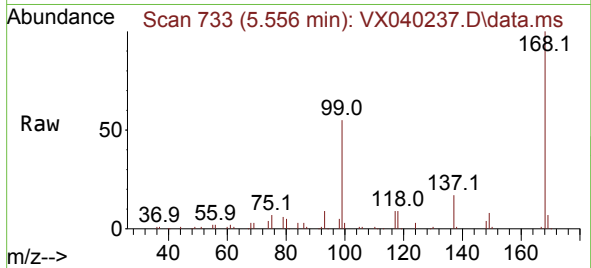




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

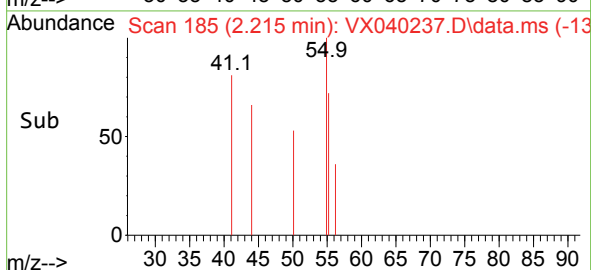
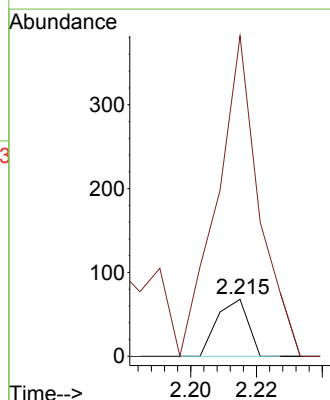
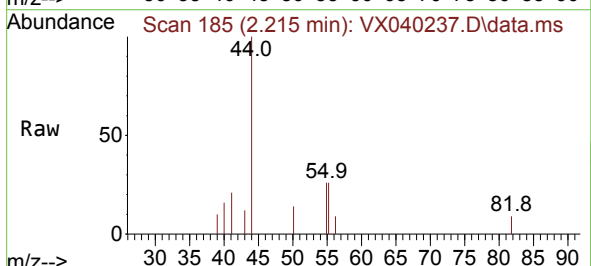
Instrument :
MSVOA_X
ClientSampleId :

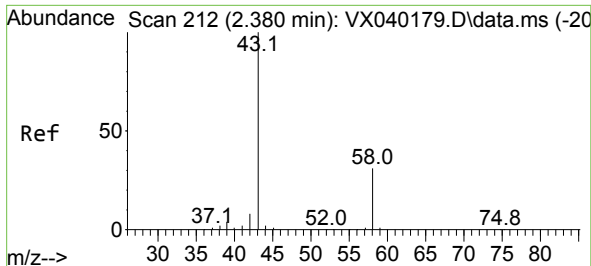
Tgt Ion:168 Resp: 73789
Ion Ratio Lower Upper
168 100
99 55.0 56.6 85.0#



#13
Acrolein
Concen: 0.223 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 768.2 57.1 85.7#





#16

Acetone

Concen: 1.133 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX040237.D

Acq: 14 Feb 2024 21:39

Instrument :

MSVOA_X

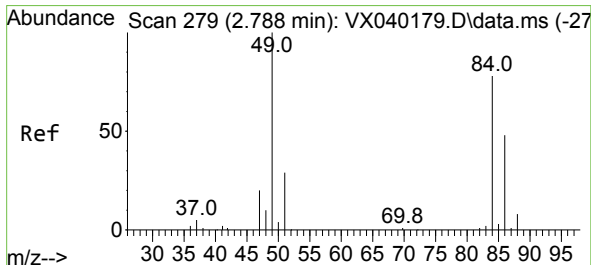
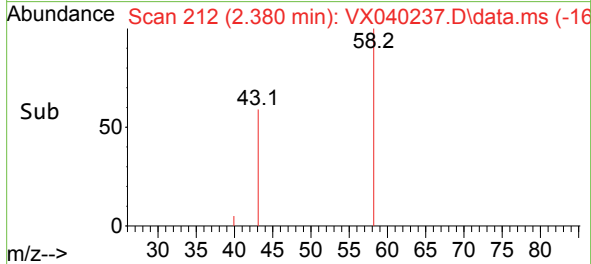
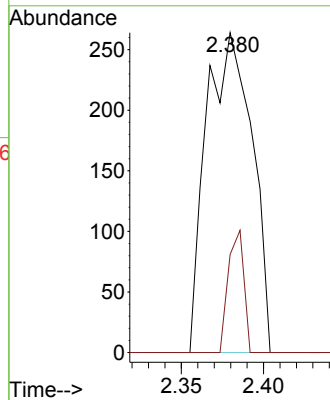
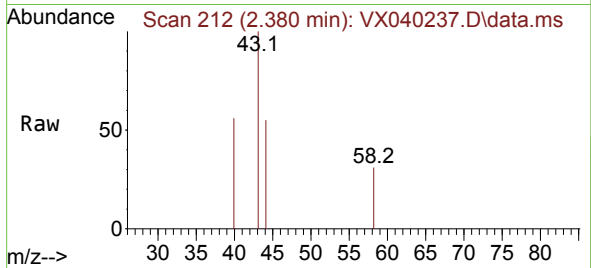
ClientSampleId :

Tgt Ion: 43 Resp: 511

Ion Ratio Lower Upper

43 100

58 30.7 21.9 32.9



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX040237.D

Acq: 14 Feb 2024 21:39

Tgt Ion: 84 Resp: 31

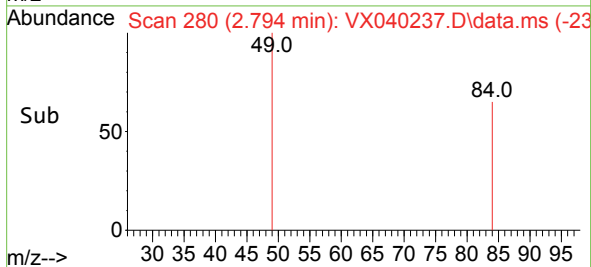
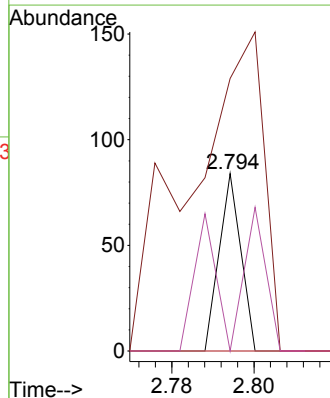
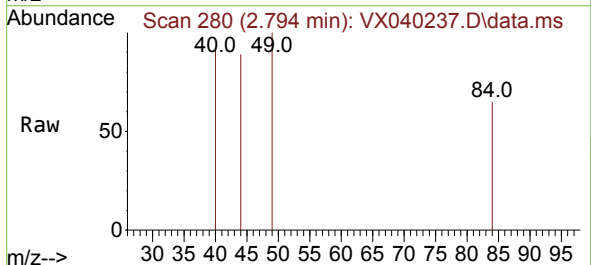
Ion Ratio Lower Upper

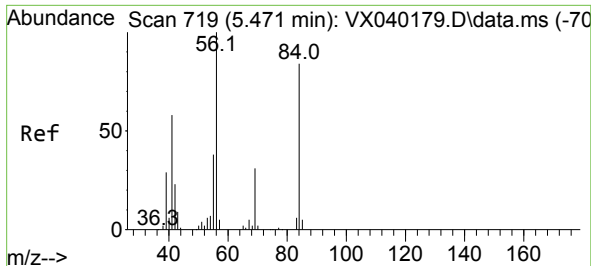
84 100

49 153.6 103.6 155.4

51 0.0 33.8 50.6#

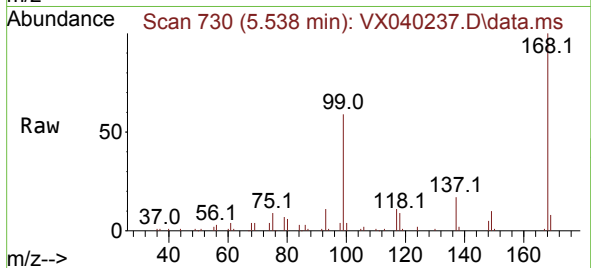
86 0.0 49.4 74.0#



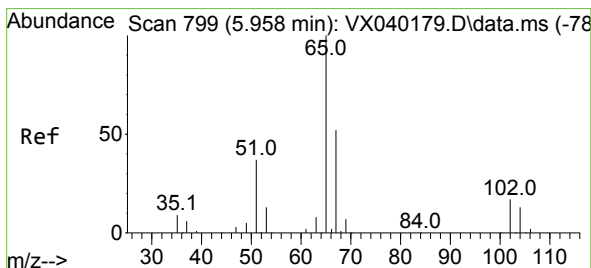
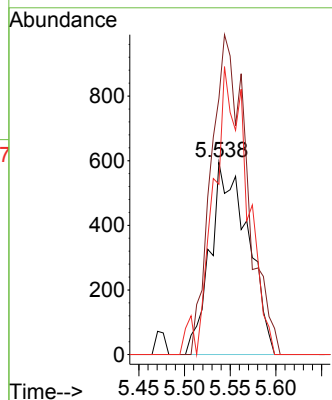
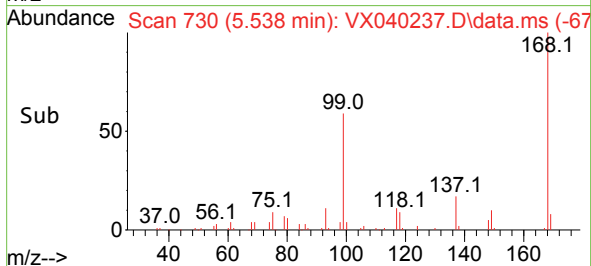


#31
Cyclohexane
Concen: 1.302 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

Instrument :
MSVOA_X
ClientSampleId :

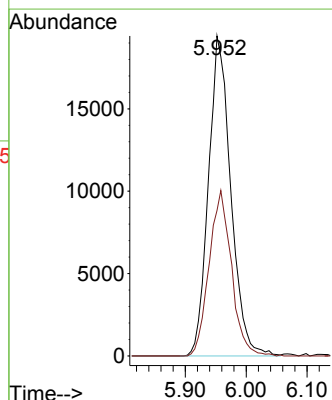
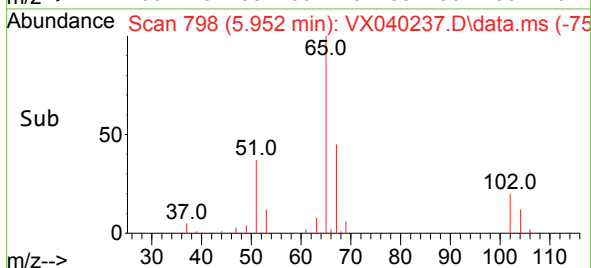
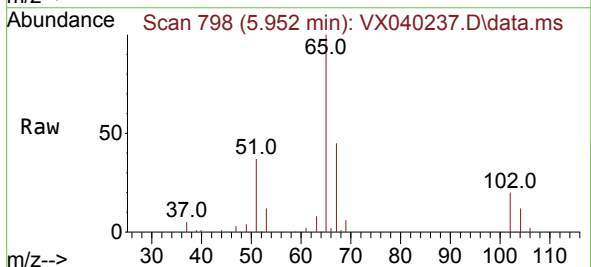


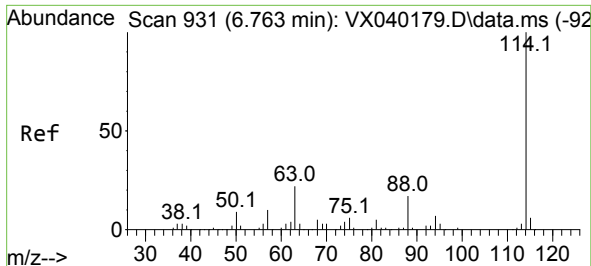
Tgt Ion: 56 Resp: 1705
Ion Ratio Lower Upper
56 100
69 133.3 23.4 35.2#
84 88.6 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 45.135 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

Tgt Ion: 65 Resp: 49547
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

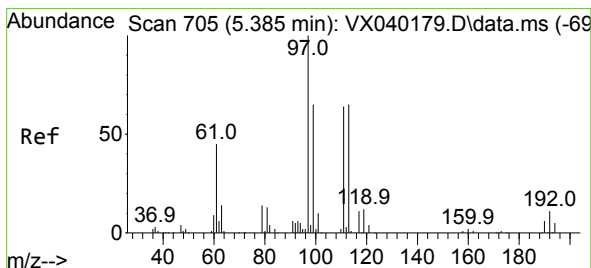
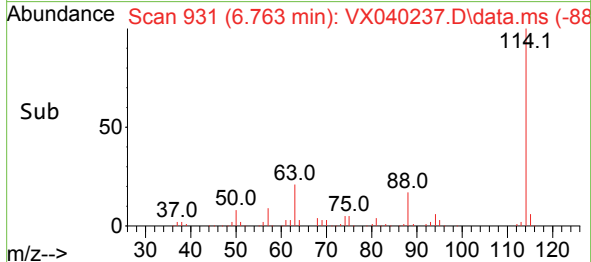
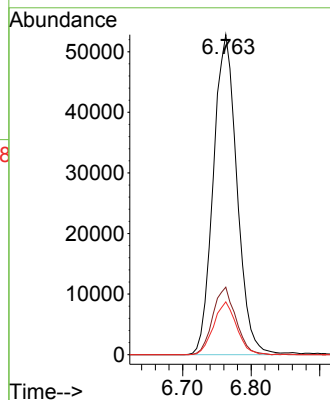
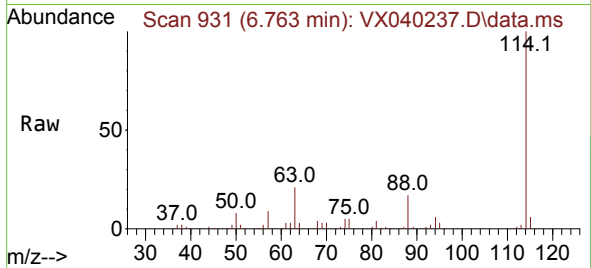




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

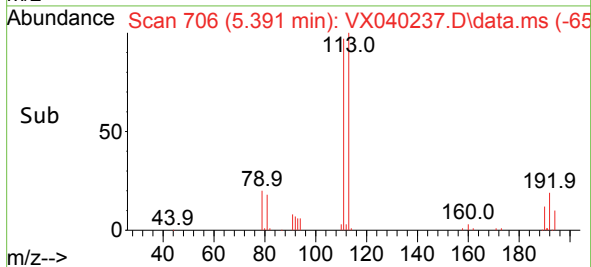
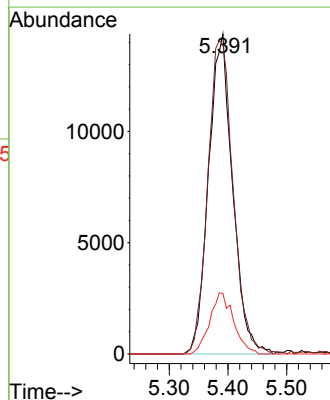
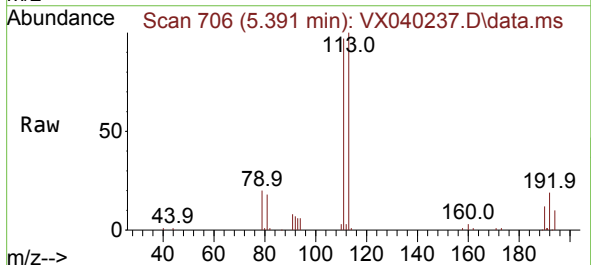
Instrument :
MSVOA_X
ClientSampleId :

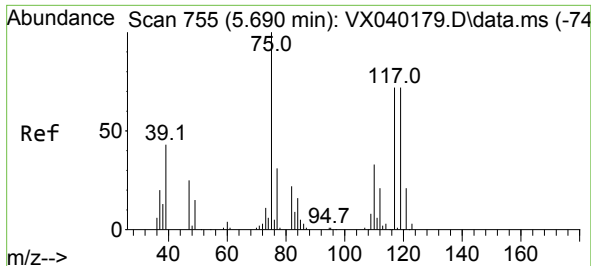
Tgt Ion:114 Resp: 126456
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.265 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

Tgt Ion:113 Resp: 40857
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 19.0 13.3 19.9

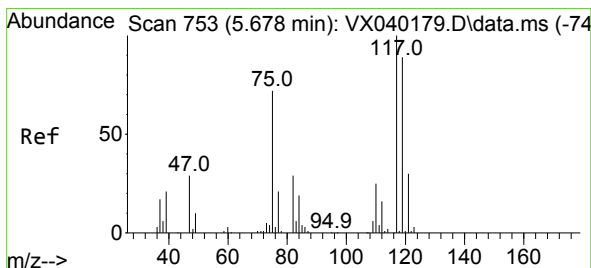
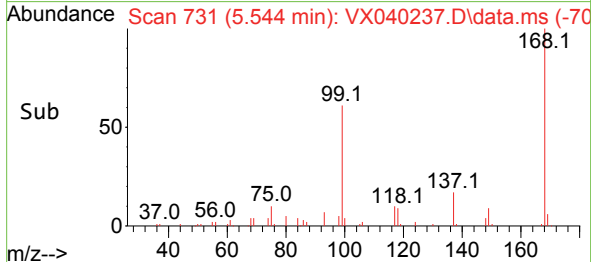
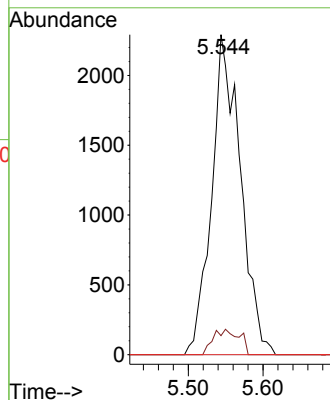
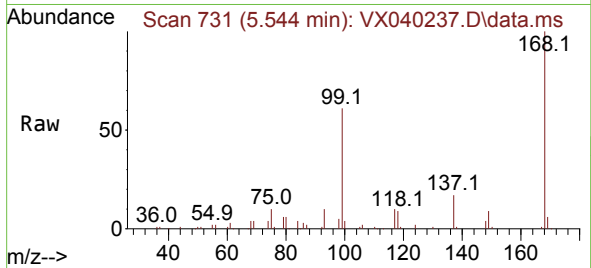




#36
1,1-Dichloropropene
Concen: 4.964 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

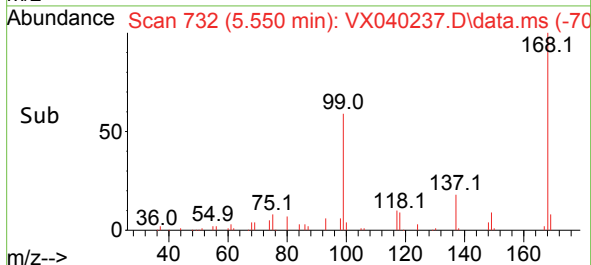
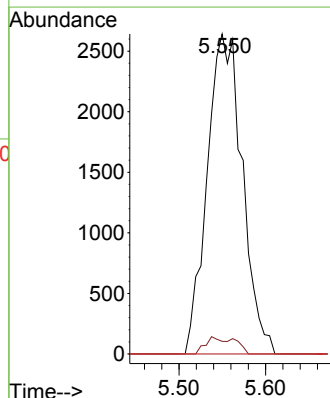
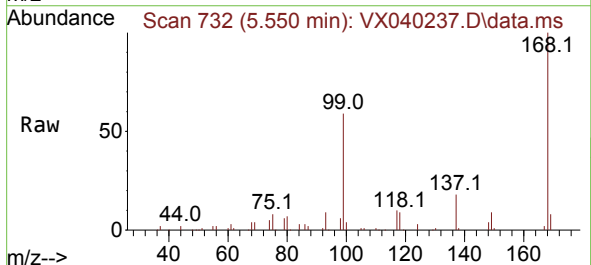
Instrument :
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ClientSampleId :

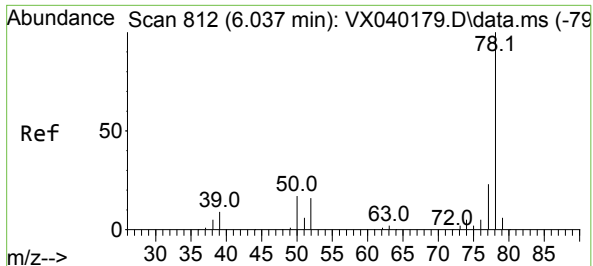
Tgt Ion: 75 Resp: 6141
Ion Ratio Lower Upper
75 100
110 7.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.323 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

Tgt Ion: 117 Resp: 7437
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#

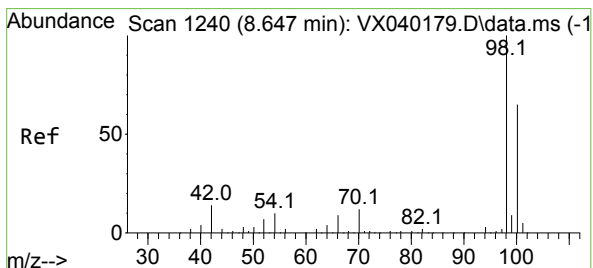
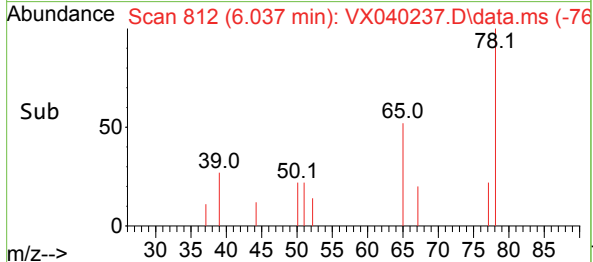
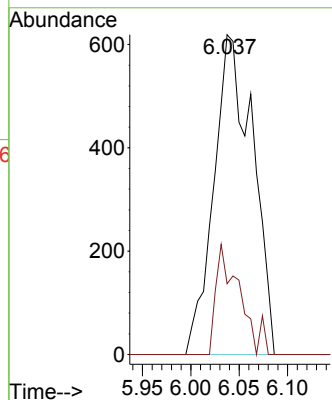
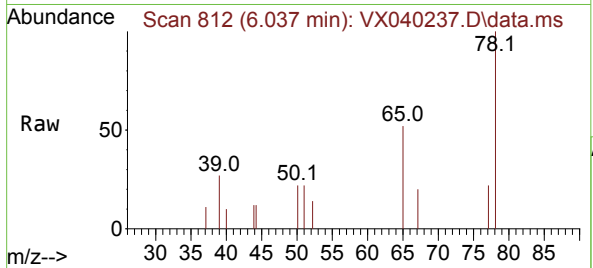




#40
Benzene
Concen: 0.498 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

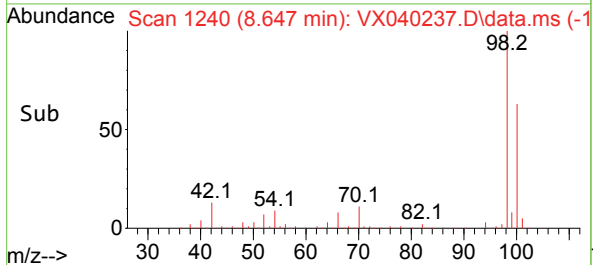
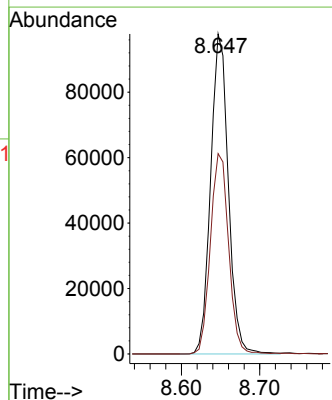
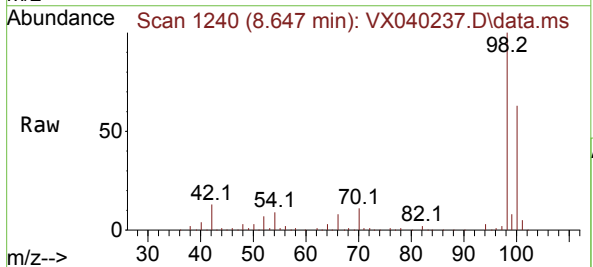
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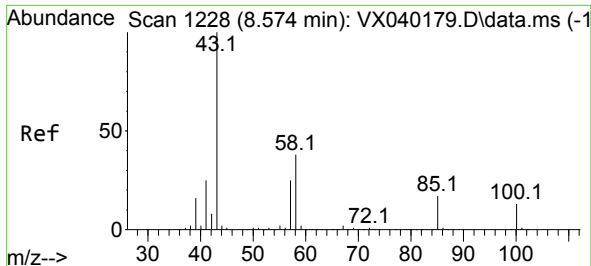
Tgt Ion: 78 Resp: 1722
Ion Ratio Lower Upper
78 100
77 22.1 19.3 28.9



#50
Toluene-d8
Concen: 46.409 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

Tgt Ion: 98 Resp: 153307
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.534 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX040237.D

Acq: 14 Feb 2024 21:39

Instrument :

MSVOA_X

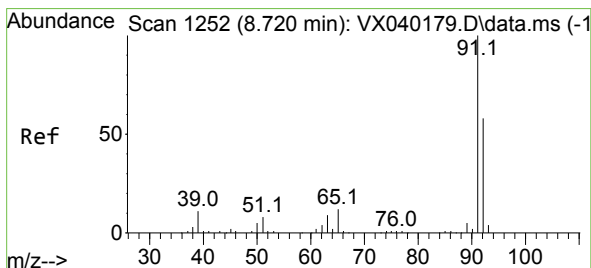
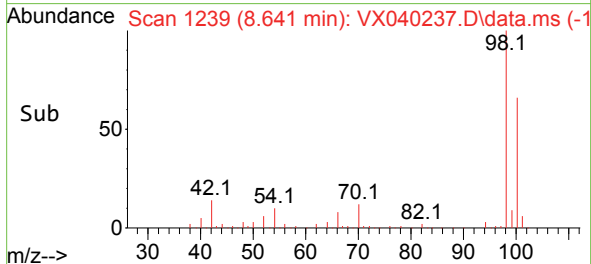
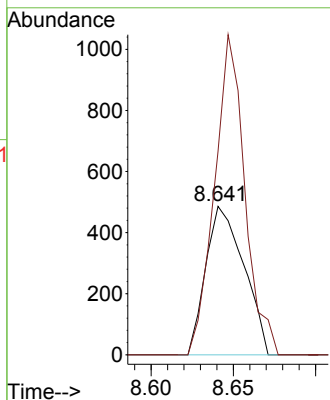
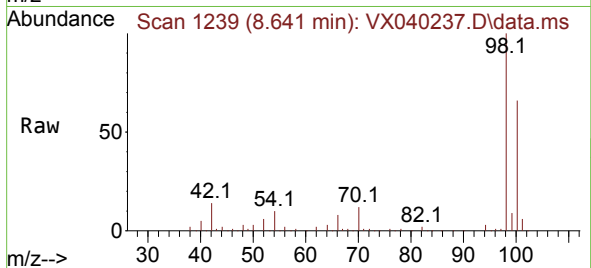
ClientSampleId :

Tgt Ion: 43 Resp: 784

Ion Ratio Lower Upper

43 100

58 171.7 30.4 45.6#



#52

Toluene

Concen: 2.651 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX040237.D

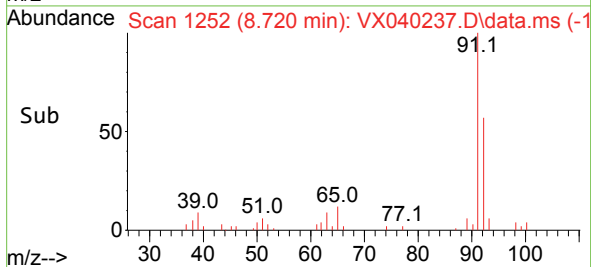
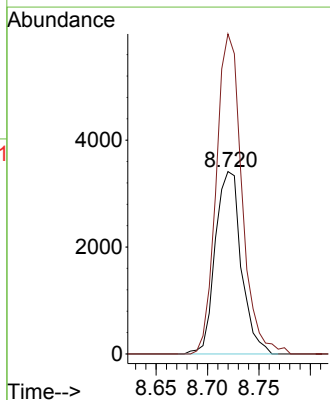
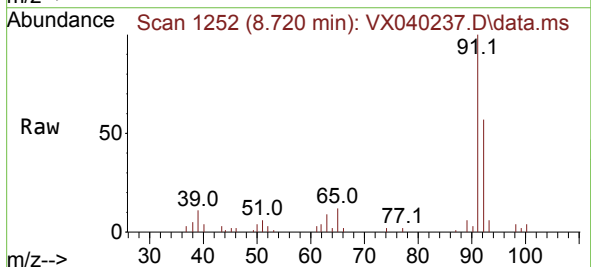
Acq: 14 Feb 2024 21:39

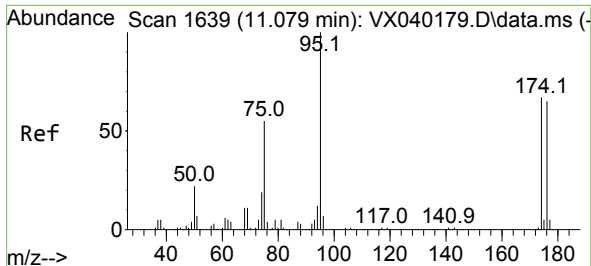
Tgt Ion: 92 Resp: 6008

Ion Ratio Lower Upper

92 100

91 172.9 134.2 201.2

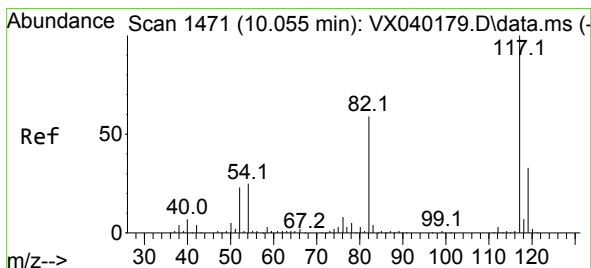
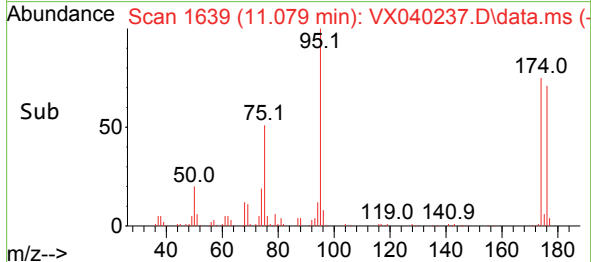
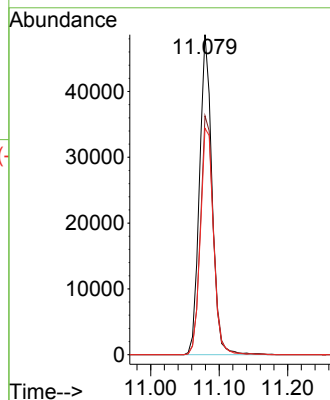
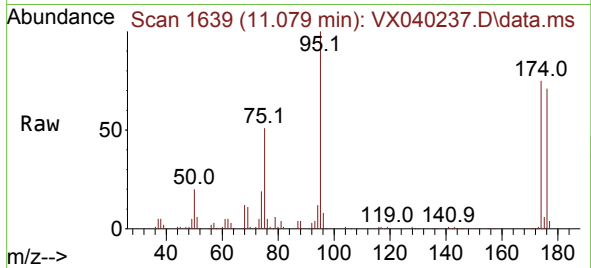




#62
4-Bromofluorobenzene
Concen: 45.830 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

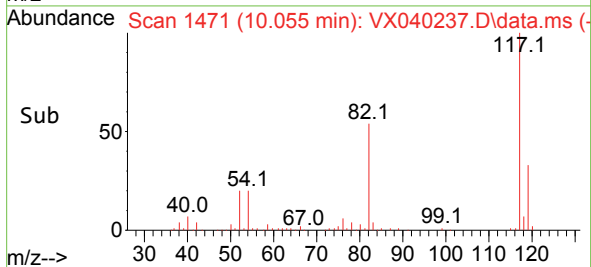
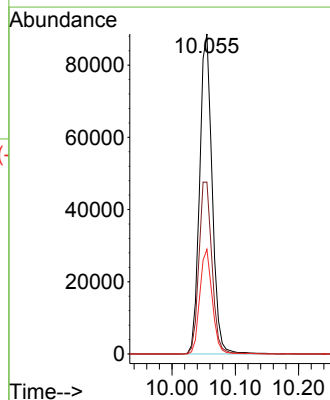
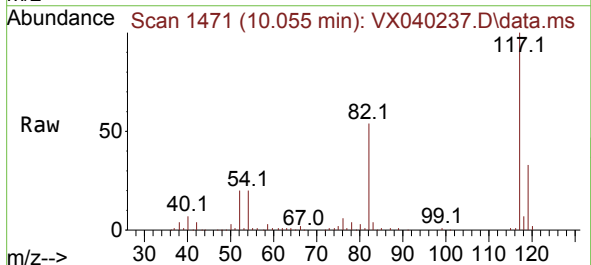
Instrument :
MSVOA_X
ClientSampleId :

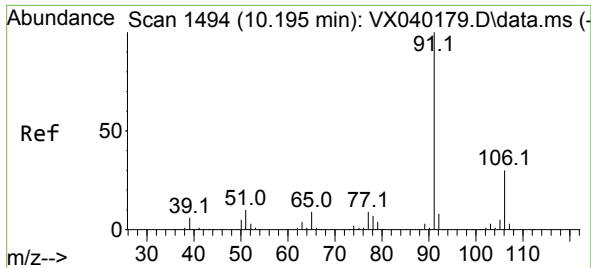
Tgt Ion: 95 Resp: 61745
Ion Ratio Lower Upper
95 100
174 77.8 0.0 135.6
176 74.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

Tgt Ion: 117 Resp: 122306
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 32.7 25.5 38.3

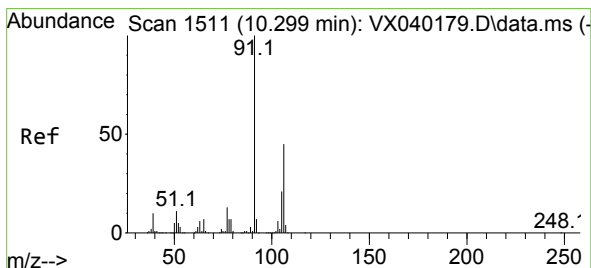
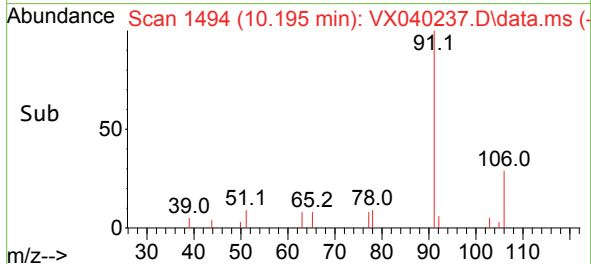
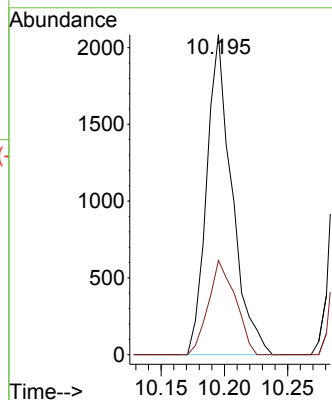
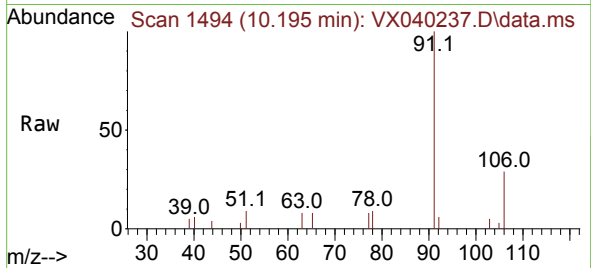




#67
Ethyl Benzene
Concen: 0.633 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

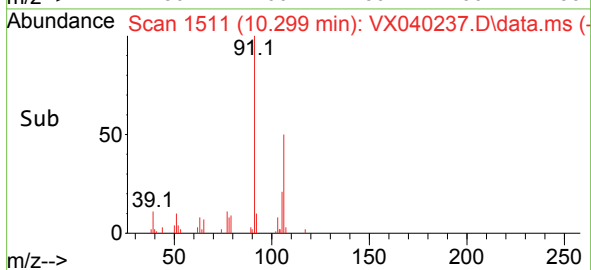
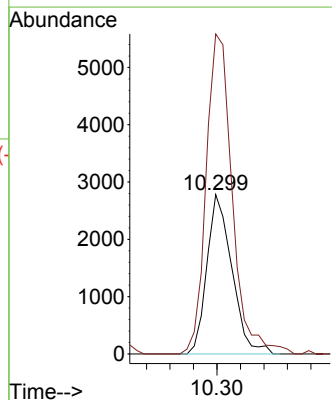
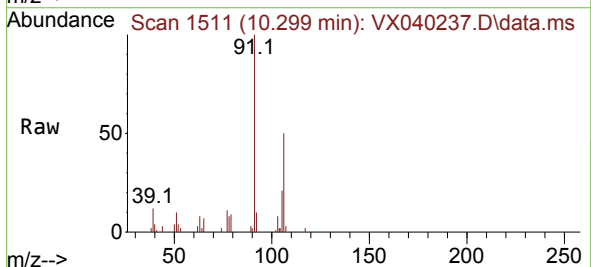
Instrument :
MSVOA_X
ClientSampleId :

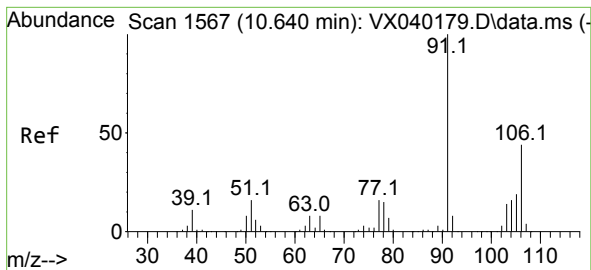
Tgt Ion: 91 Resp: 2878
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3



#68
m/p-Xylenes
Concen: 2.392 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

Tgt Ion: 106 Resp: 4107
Ion Ratio Lower Upper
106 100
91 210.1 165.5 248.3





#69

o-Xylene

Concen: 0.733 ug/l

RT: 10.646 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040237.D

Acq: 14 Feb 2024 21:39

Instrument :

MSVOA_X

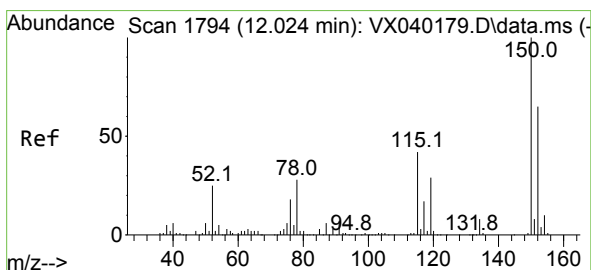
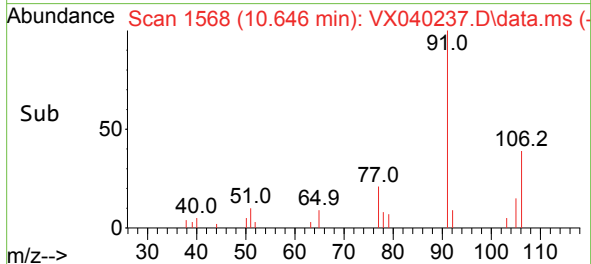
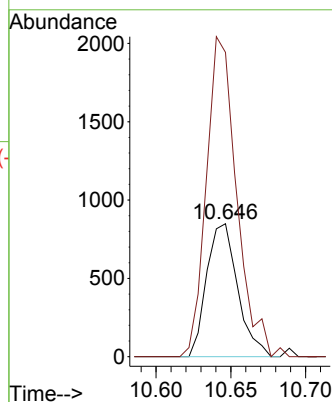
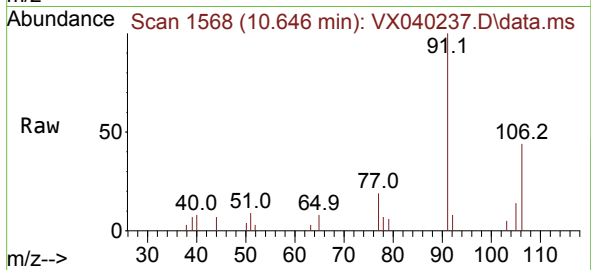
ClientSampleId :

Tgt Ion:106 Resp: 1223

Ion Ratio Lower Upper

106 100

91 236.2 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX040237.D

Acq: 14 Feb 2024 21:39

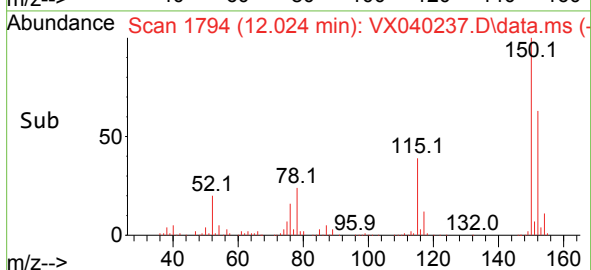
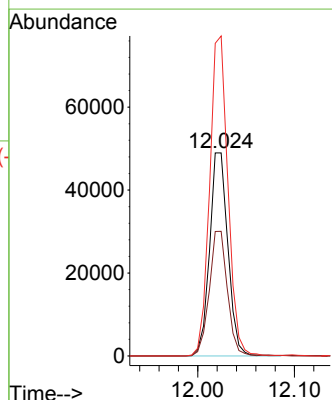
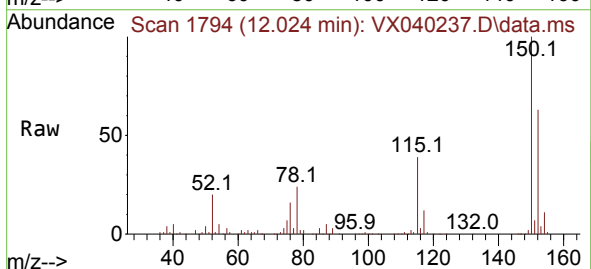
Tgt Ion:152 Resp: 64523

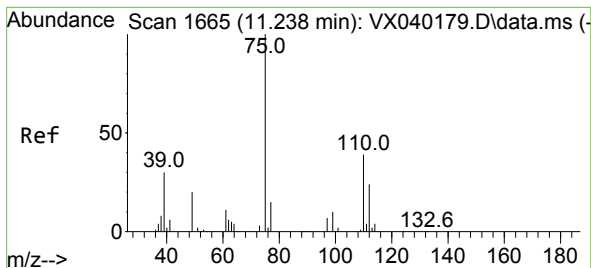
Ion Ratio Lower Upper

152 100

115 60.9 43.3 129.9

150 157.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.105 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX040237.D

Acq: 14 Feb 2024 21:39

Instrument :

MSVOA_X

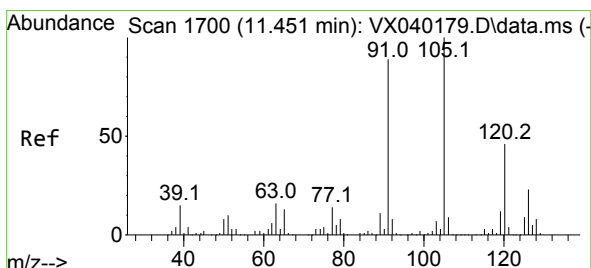
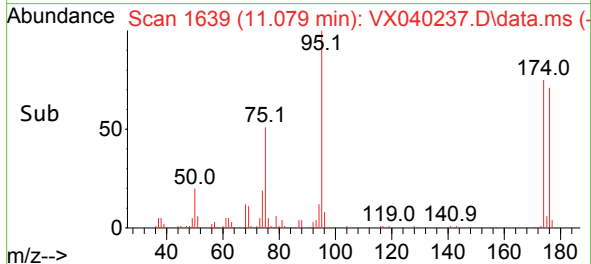
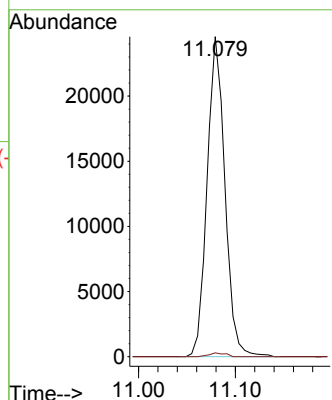
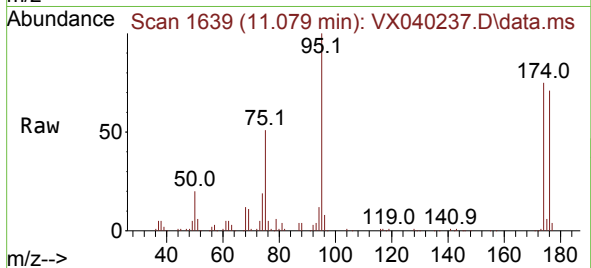
ClientSampleId :

Tgt Ion: 75 Resp: 31496

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#80

1,3,5-Trimethylbenzene

Concen: 0.227 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040237.D

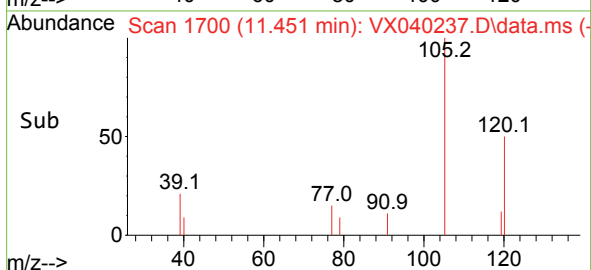
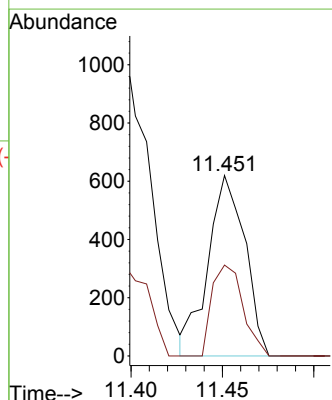
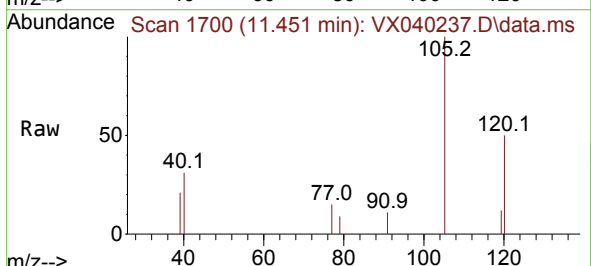
Acq: 14 Feb 2024 21:39

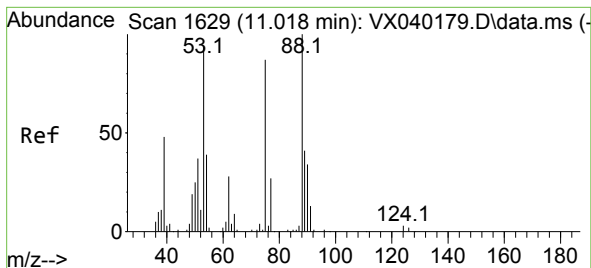
Tgt Ion:105 Resp: 870

Ion Ratio Lower Upper

105 100

120 42.4 24.1 72.3

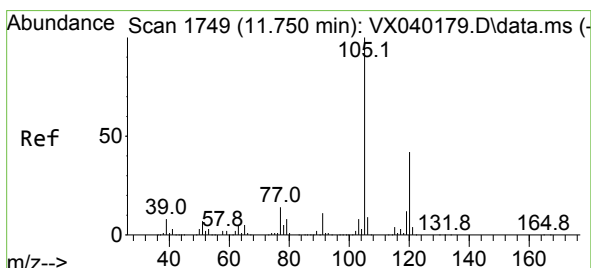
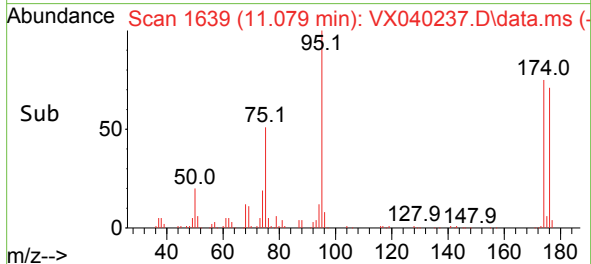
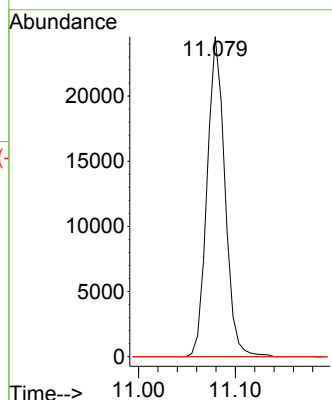
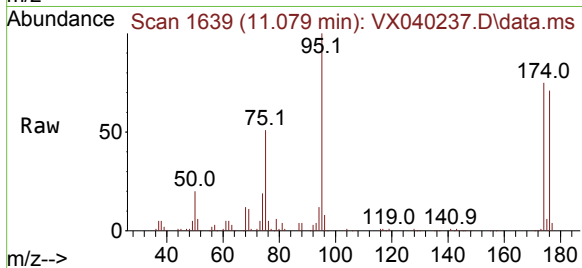




#81
trans-1,4-Dichloro-2-butene
Concen: 66.434 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

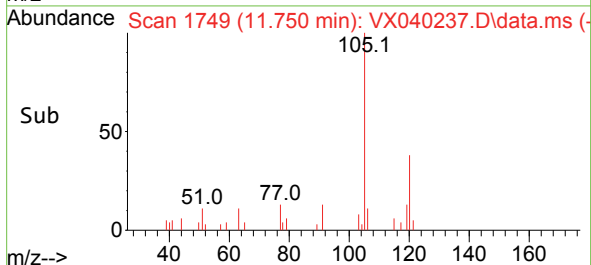
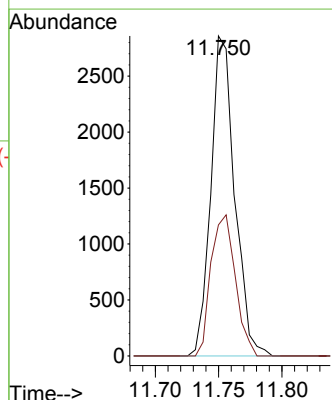
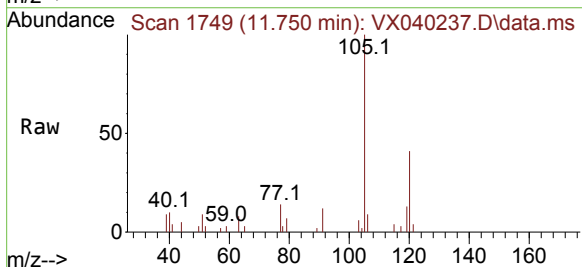
Instrument :
MSVOA_X
ClientSampleId :

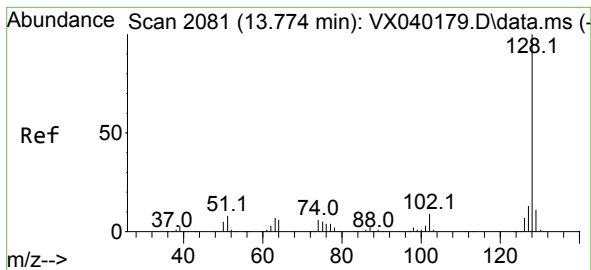
Tgt Ion: 75 Resp: 31496
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.967 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

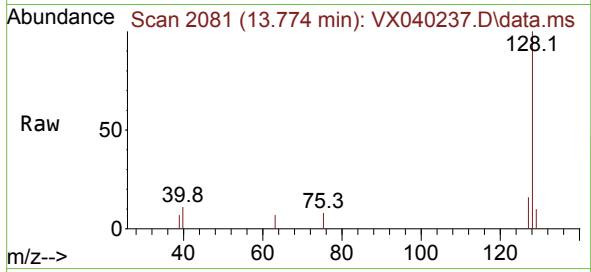
Tgt Ion: 105 Resp: 3744
Ion Ratio Lower Upper
105 100
120 45.1 21.2 63.6





#95
 Naphthalene
 Concen: 0.268 ug/l
 RT: 13.774 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX040237.D
 Acq: 14 Feb 2024 21:39

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	128	Resp:	1193
Ion	Ratio	Lower	Upper
128	100		
127	9.3	10.3	15.5#
129	2.3	8.8	13.2#

