

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040337.D
 Acq On : 19 Feb 2024 17:44
 Operator : JC/MD
 Sample : P1414-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB020724

Quant Time: Feb 20 01:19:35 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)

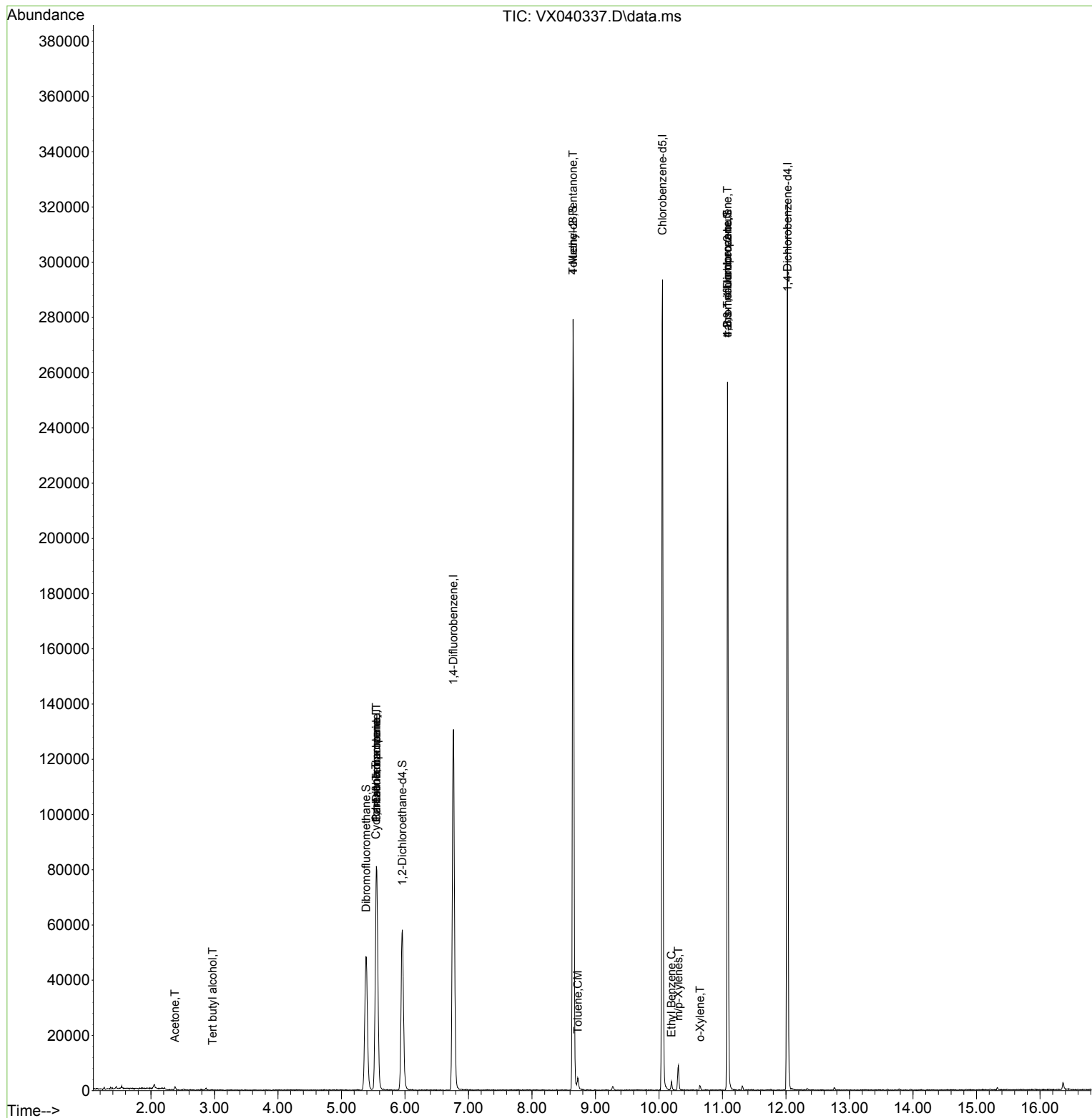
Internal Standards						
1) Pentafluorobenzene	5.550	168	73583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	131765	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56345	51.471	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.940%		
35) Dibromofluoromethane	5.385	113	42304	45.974	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 91.940%		
50) Toluene-d8	8.647	98	162793	47.295	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 94.580%		
62) 4-Bromofluorobenzene	11.079	95	64038	45.617	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.240%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	169	0.793	ug/l #	78
16) Acetone	2.380	43	1278	2.843	ug/l #	88
20) Methylene Chloride	2.782	84	169	Below Cal	#	5
31) Cyclohexane	5.544	56	2057	1.575	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	6598	5.119	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7851	6.406	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	896	0.586	ug/l #	1
52) Toluene	8.720	92	1453	0.615	ug/l	91
67) Ethyl Benzene	10.195	91	1735	0.363	ug/l #	51
68) m/p-Xylenes	10.305	106	1949	1.080	ug/l	88
69) o-Xylene	10.647	106	461	0.263	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	35645	26.069	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	35645	71.558	ug/l #	5

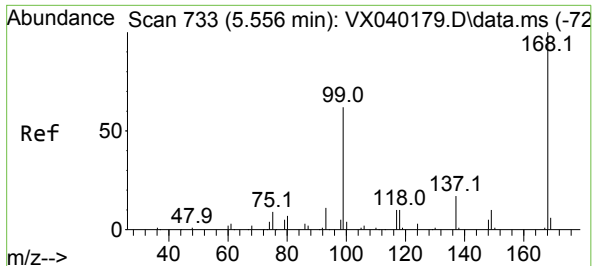
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
Data File : VX040337.D
Acq On : 19 Feb 2024 17:44
Operator : JC/MD
Sample : P1414-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB020724

Quant Time: Feb 20 01:19:35 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

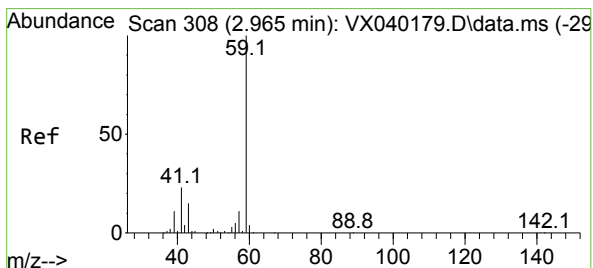
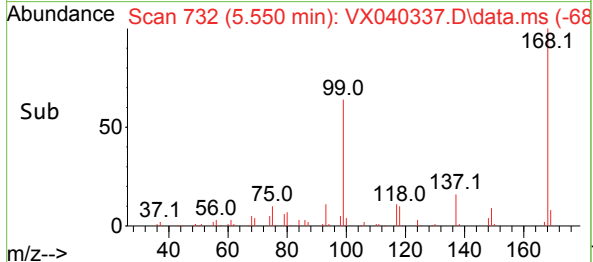
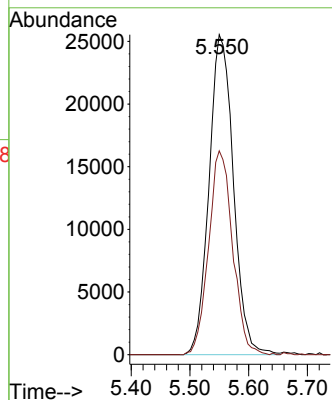
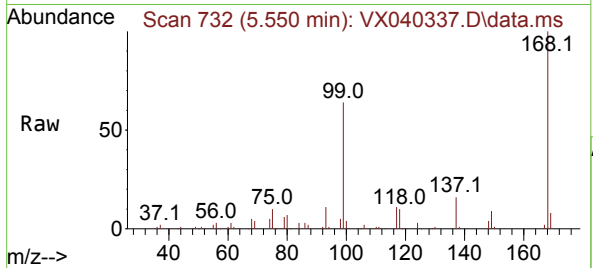




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040337.D
Acq: 19 Feb 2024 17:44

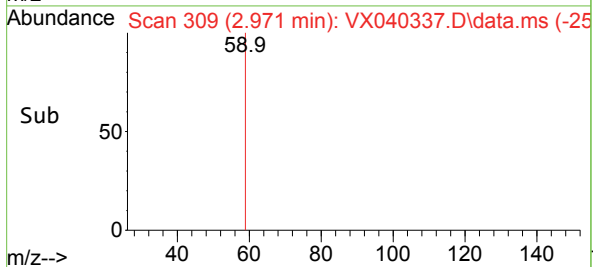
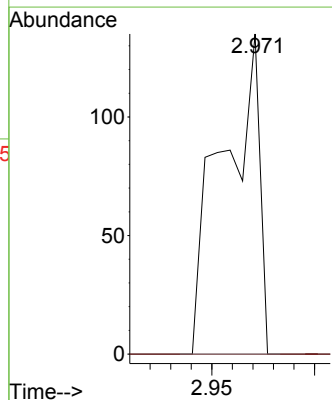
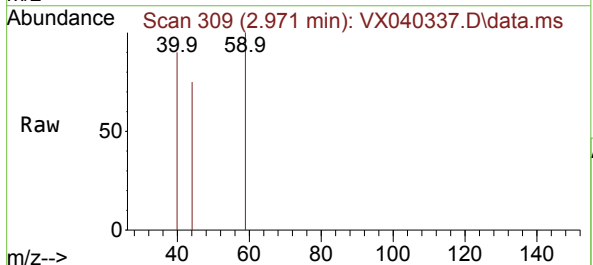
Instrument :
MSVOA_X
ClientSampleId :
TB020724

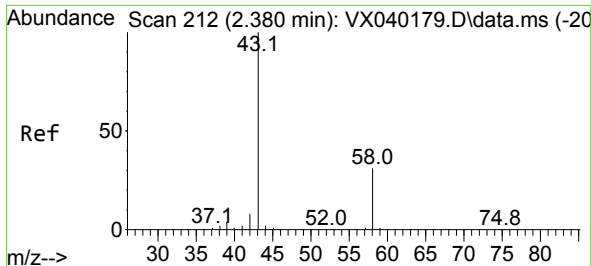
Tgt Ion:168 Resp: 73583
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.793 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.006 min
Lab File: VX040337.D
Acq: 19 Feb 2024 17:44

Tgt Ion: 59 Resp: 169
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

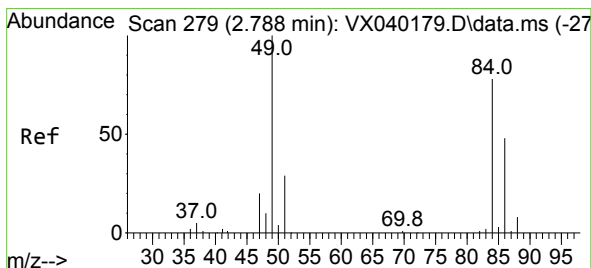
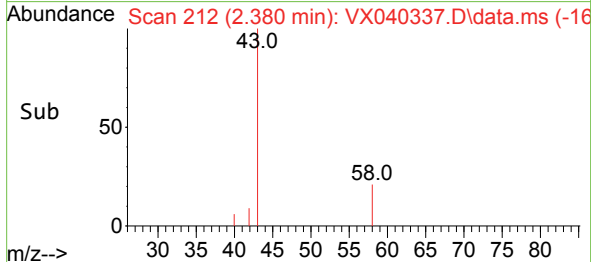
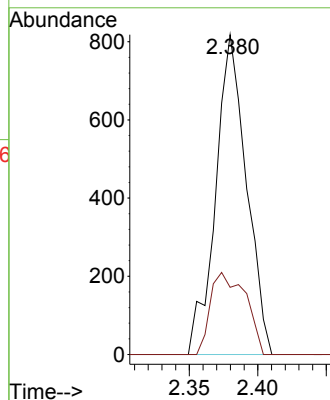
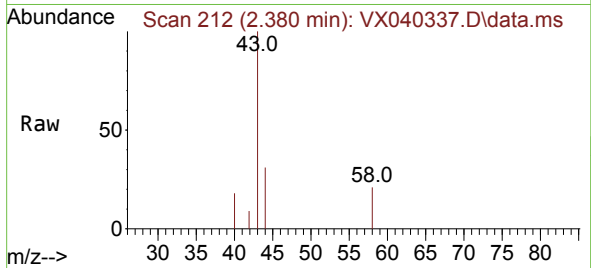




#16
Acetone
Concen: 2.843 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040337.D
Acq: 19 Feb 2024 17:44

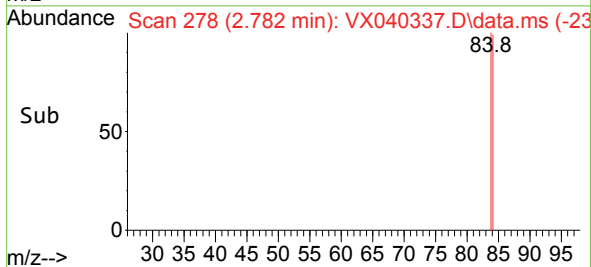
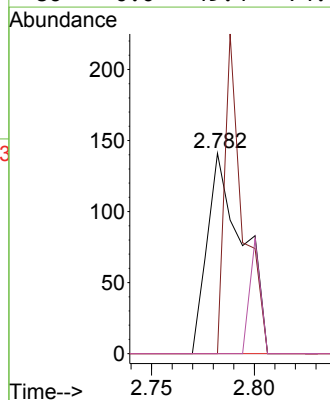
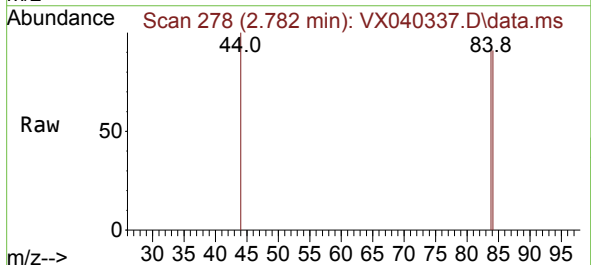
Instrument :
MSVOA_X
ClientSampleId :
TB020724

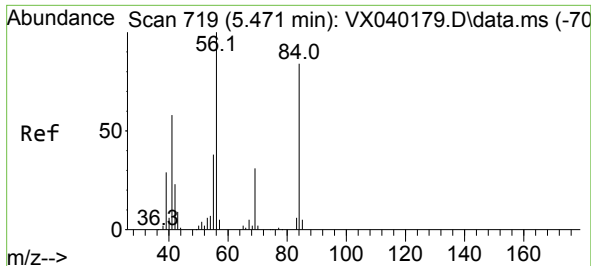
Tgt Ion: 43 Resp: 1278
Ion Ratio Lower Upper
43 100
58 21.0 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX040337.D
Acq: 19 Feb 2024 17:44

Tgt Ion: 84 Resp: 169
Ion Ratio Lower Upper
84 100
49 0.0 103.6 155.4#
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#

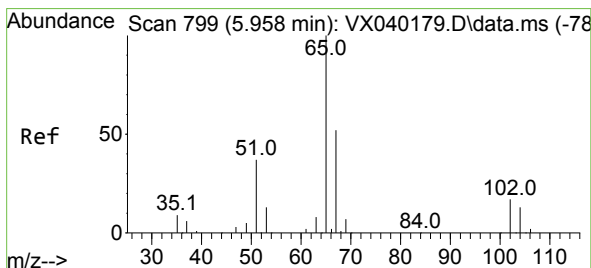
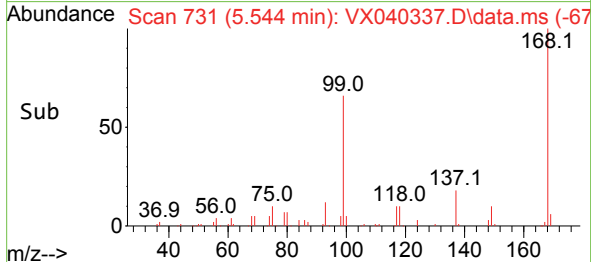
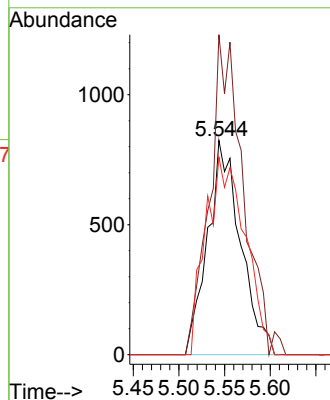
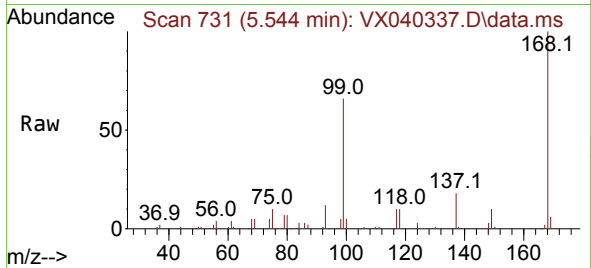




#31
Cyclohexane
Concen: 1.575 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX040337.D
Acq: 19 Feb 2024 17:44

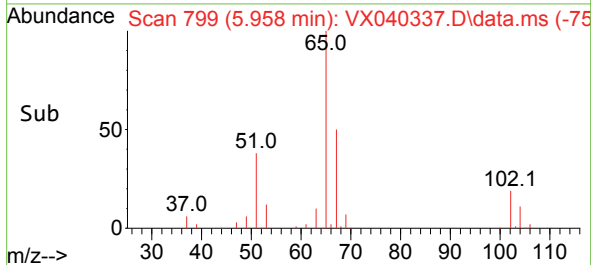
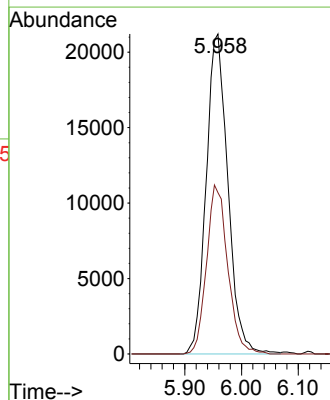
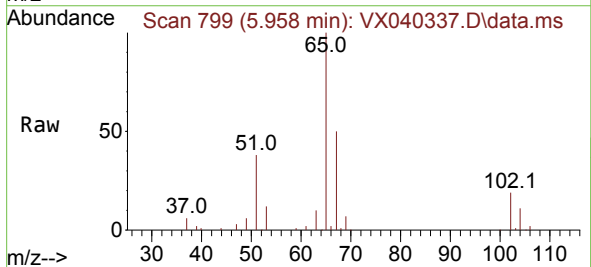
Instrument :
MSVOA_X
ClientSampleId :
TB020724

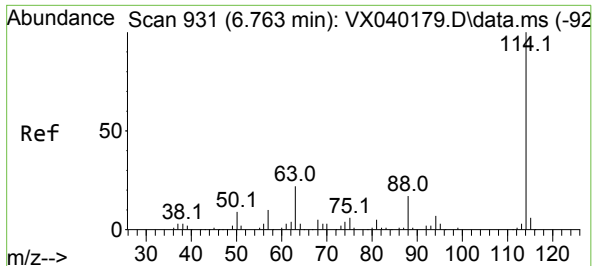
Tgt Ion: 56 Resp: 2057
Ion Ratio Lower Upper
56 100
69 149.4 23.4 35.2#
84 92.2 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 51.471 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040337.D
Acq: 19 Feb 2024 17:44

Tgt Ion: 65 Resp: 56345
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

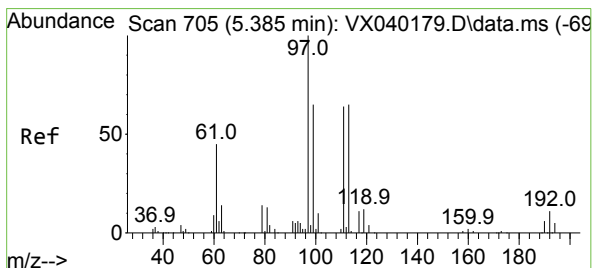
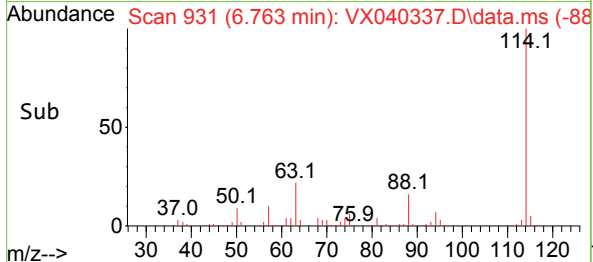
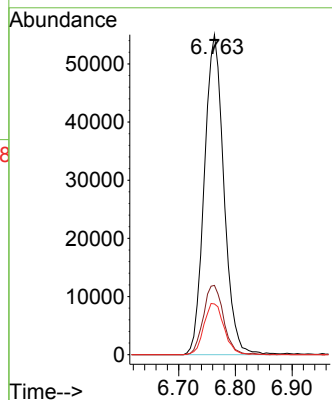
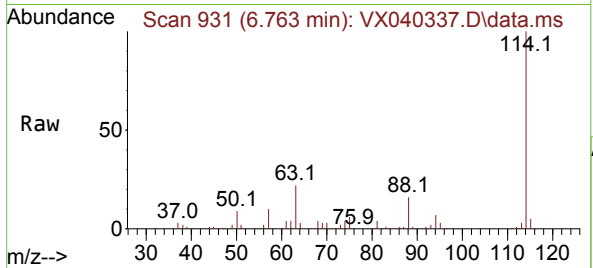




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040337.D
Acq: 19 Feb 2024 17:44

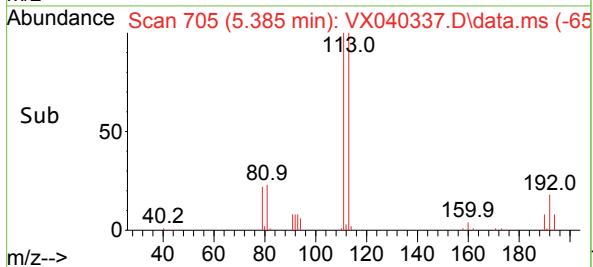
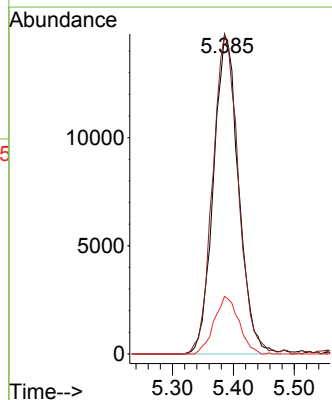
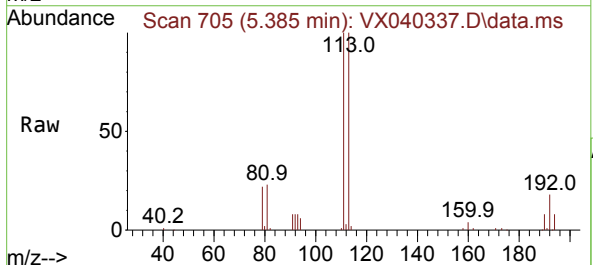
Instrument :
MSVOA_X
ClientSampleId :
TB020724

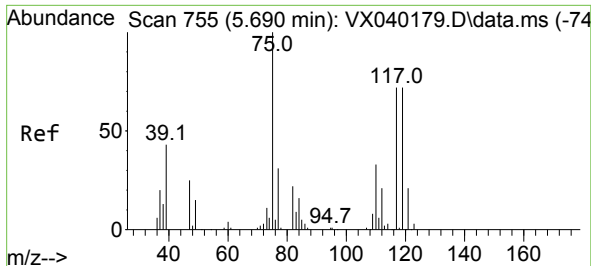
Tgt Ion:114 Resp: 131765
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.974 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040337.D
Acq: 19 Feb 2024 17:44

Tgt Ion:113 Resp: 42304
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 17.7 13.3 19.9

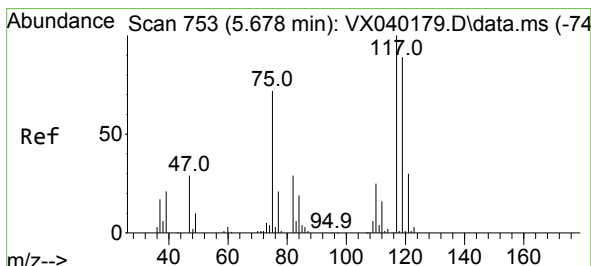
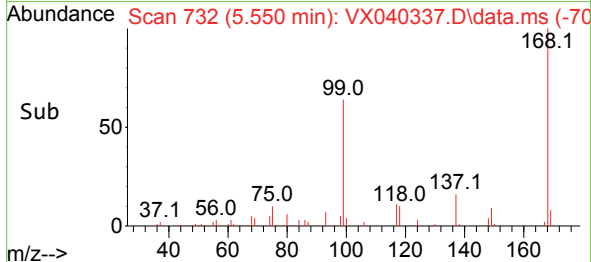
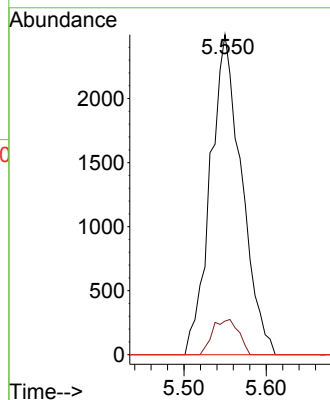
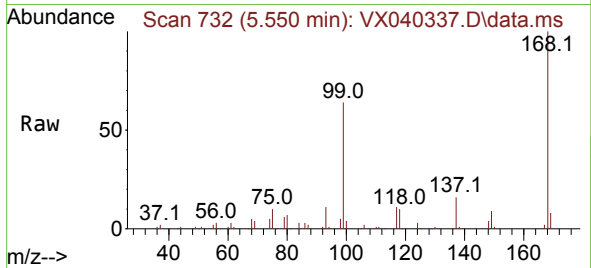




#36
1,1-Dichloropropene
Concen: 5.119 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040337.D
Acq: 19 Feb 2024 17:44

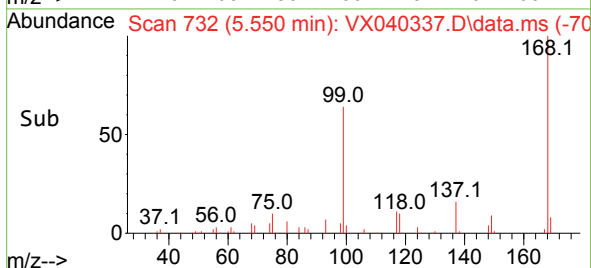
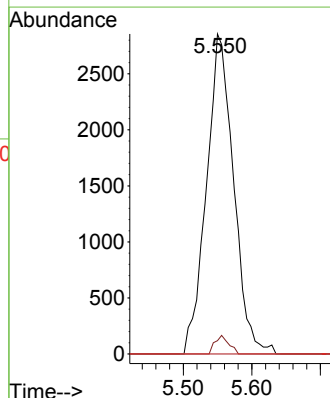
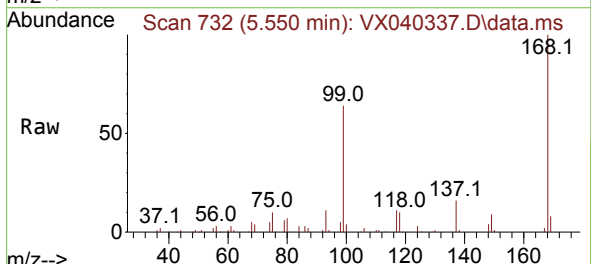
Instrument :
MSVOA_X
ClientSampleId :
TB020724

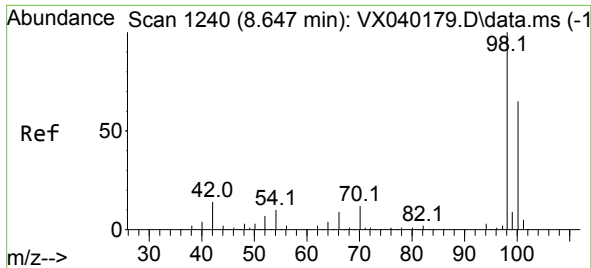
Tgt Ion: 75 Resp: 6598
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.406 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040337.D
Acq: 19 Feb 2024 17:44

Tgt Ion: 117 Resp: 7851
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#

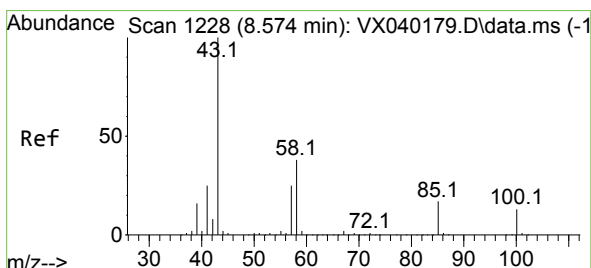
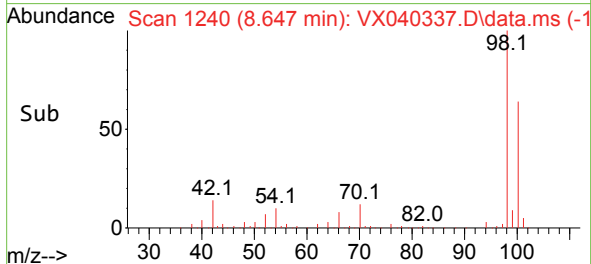
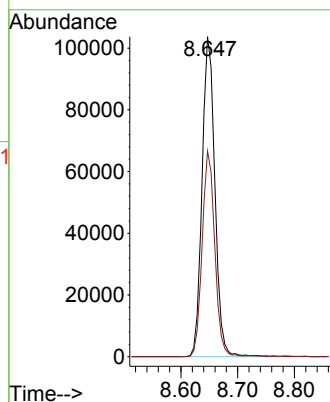
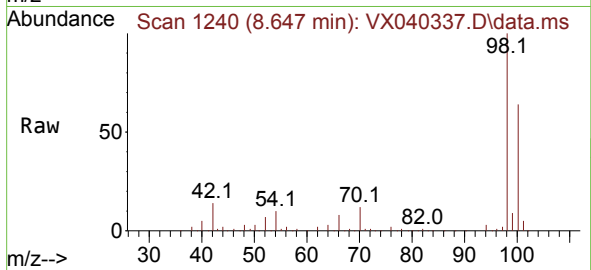




#50
Toluene-d8
Concen: 47.295 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040337.D
Acq: 19 Feb 2024 17:44

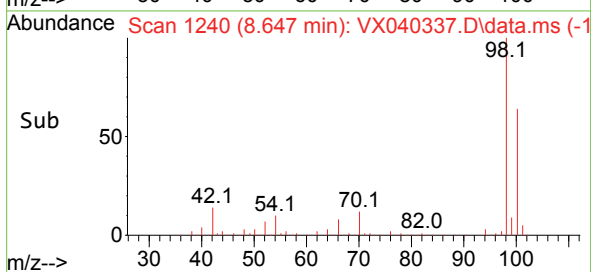
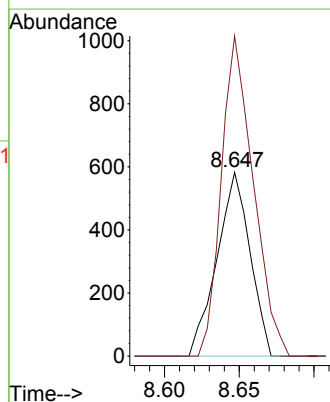
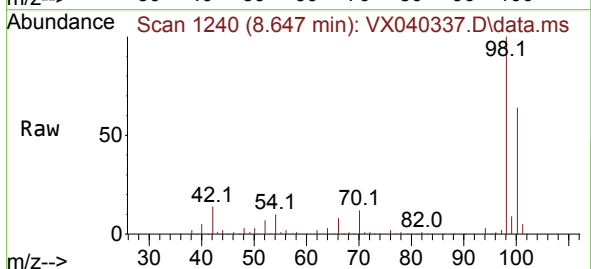
Instrument :
MSVOA_X
ClientSampleId :
TB020724

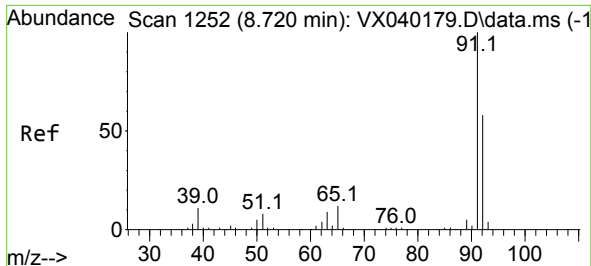
Tgt Ion: 98 Resp: 162793
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.586 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040337.D
Acq: 19 Feb 2024 17:44

Tgt Ion: 43 Resp: 896
Ion Ratio Lower Upper
43 100
58 168.4 30.4 45.6#

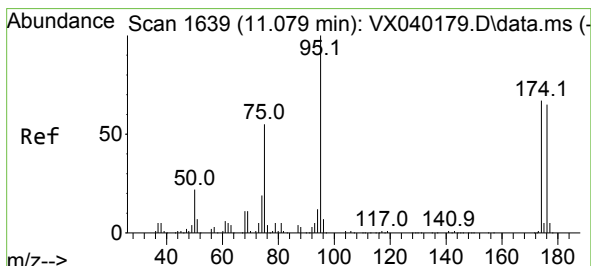
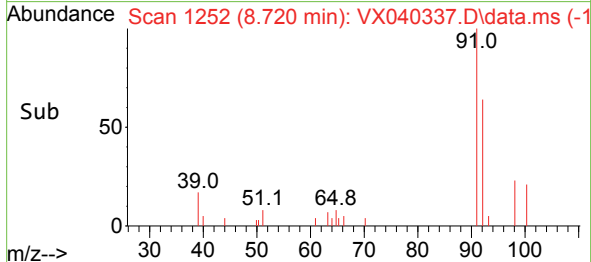
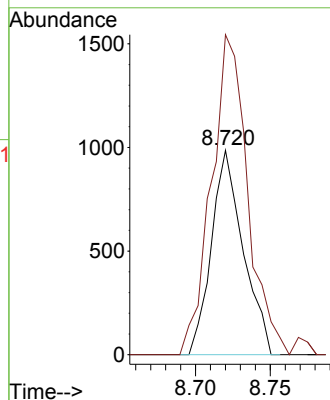
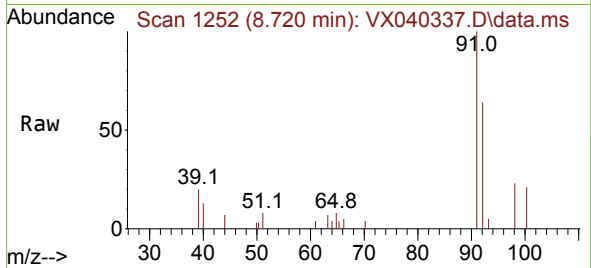




#52
Toluene
Concen: 0.615 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040337.D
Acq: 19 Feb 2024 17:44

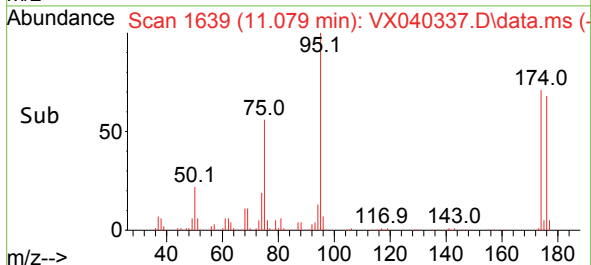
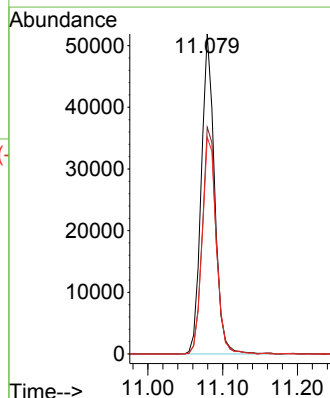
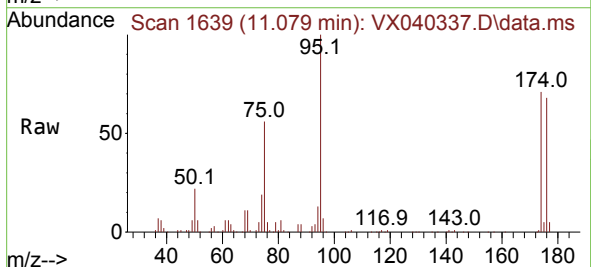
Instrument :
MSVOA_X
ClientSampleId :
TB020724

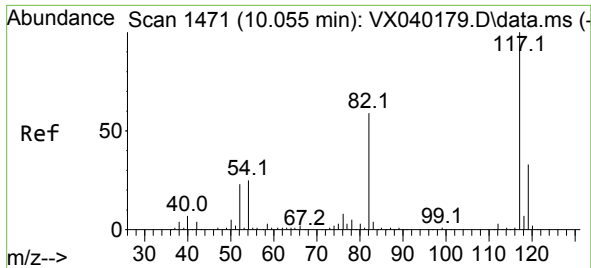
Tgt Ion: 92 Resp: 1453
Ion Ratio Lower Upper
92 100
91 179.3 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 45.617 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040337.D
Acq: 19 Feb 2024 17:44

Tgt Ion: 95 Resp: 64038
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 71.9 0.0 131.0

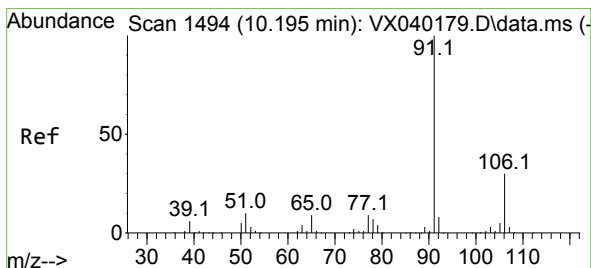
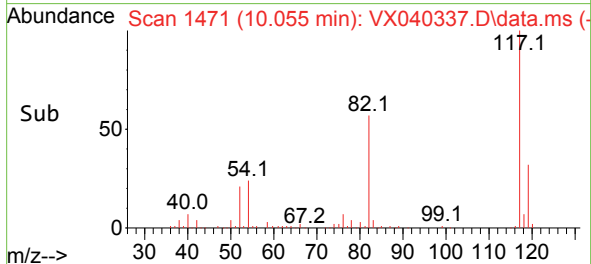
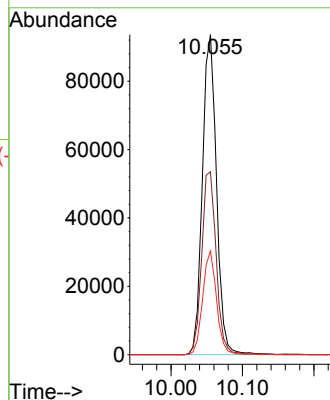
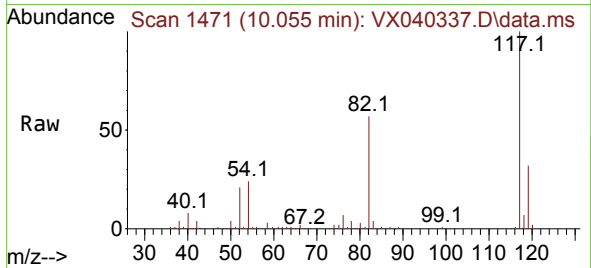




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040337.D
Acq: 19 Feb 2024 17:44

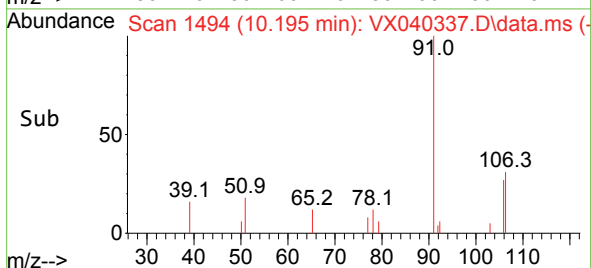
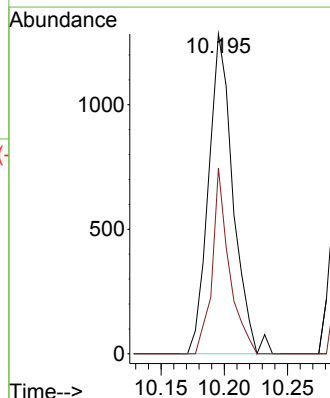
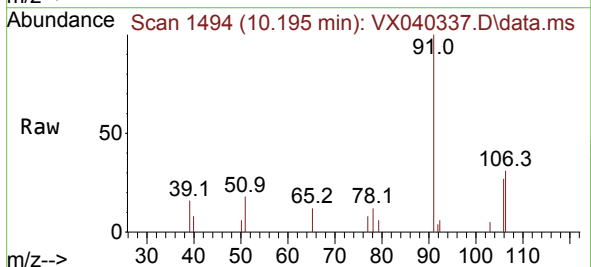
Instrument :
MSVOA_X
ClientSampleId :
TB020724

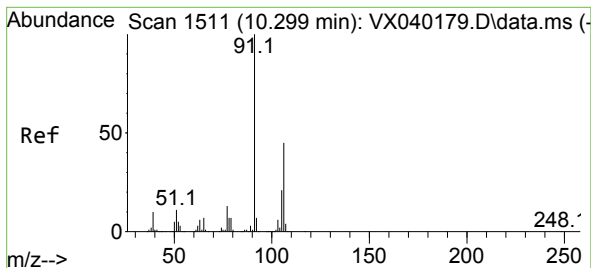
Tgt Ion:117 Resp: 128504
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 32.4 25.5 38.3



#67
Ethyl Benzene
Concen: 0.363 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040337.D
Acq: 19 Feb 2024 17:44

Tgt Ion: 91 Resp: 1735
Ion Ratio Lower Upper
91 100
106 58.1 24.9 37.3#





#68

m/p-Xylenes

Concen: 1.080 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX040337.D

Acq: 19 Feb 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

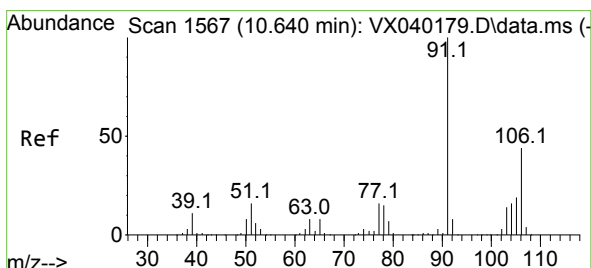
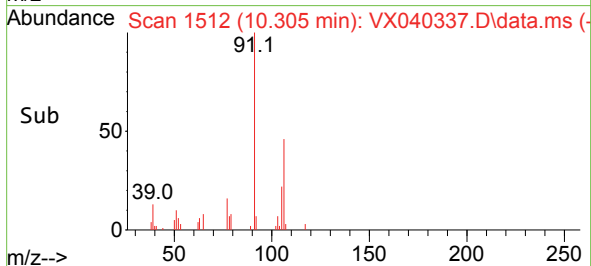
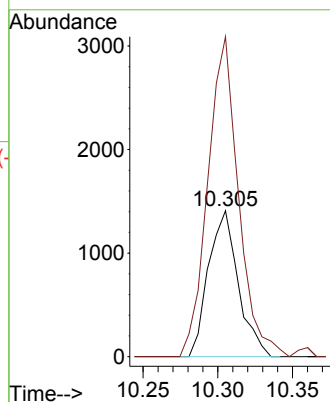
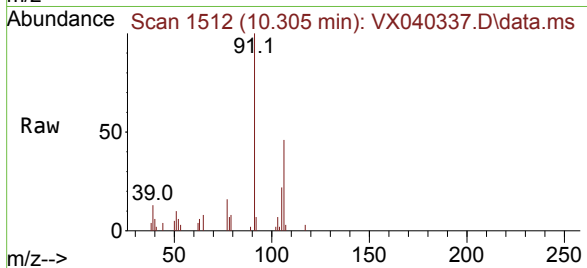
TB020724

Tgt Ion:106 Resp: 1949

Ion Ratio Lower Upper

106 100

91 225.9 165.5 248.3



#69

o-Xylene

Concen: 0.263 ug/l

RT: 10.647 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX040337.D

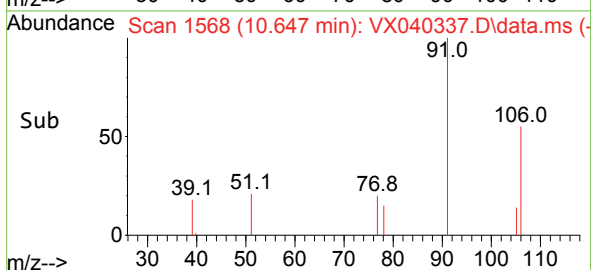
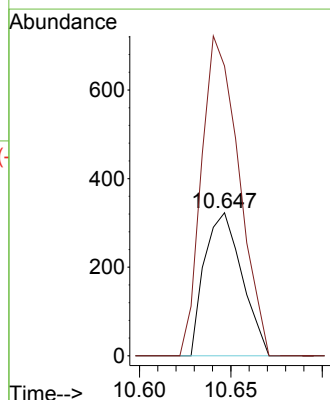
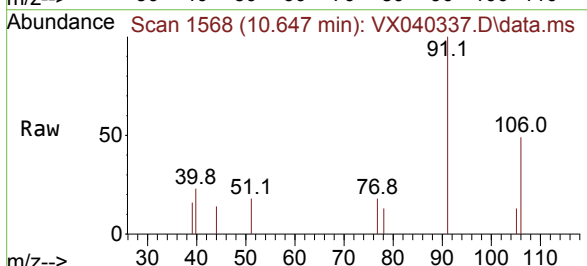
Acq: 19 Feb 2024 17:44

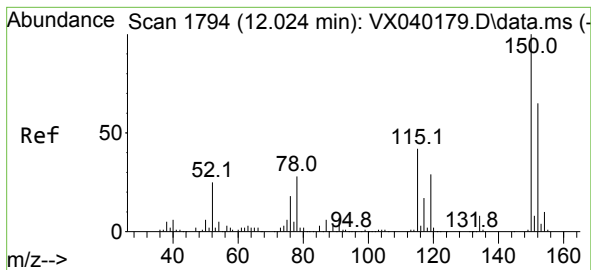
Tgt Ion:106 Resp: 461

Ion Ratio Lower Upper

106 100

91 223.4 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040337.D

Acq: 19 Feb 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

TB020724

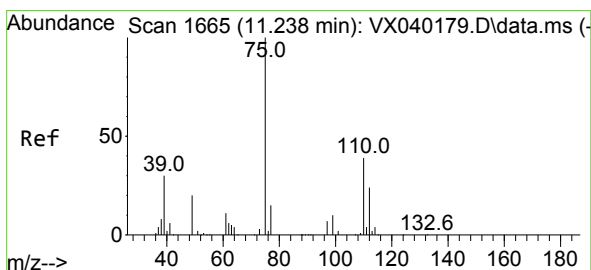
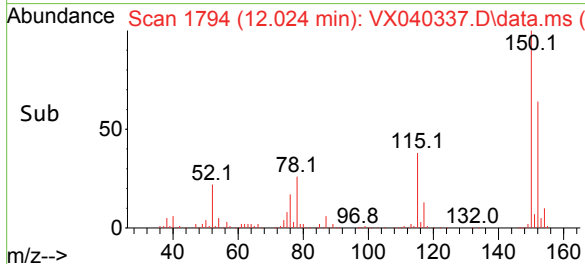
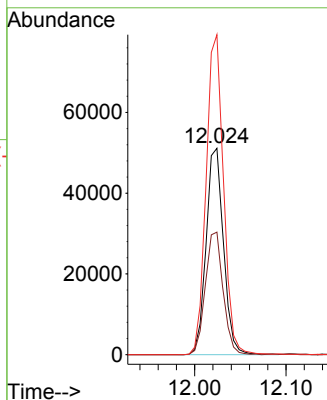
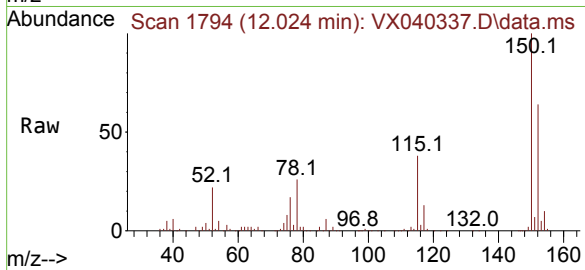
Tgt Ion:152 Resp: 67521

Ion Ratio Lower Upper

152 100

115 60.7 43.3 129.9

150 154.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.069 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040337.D

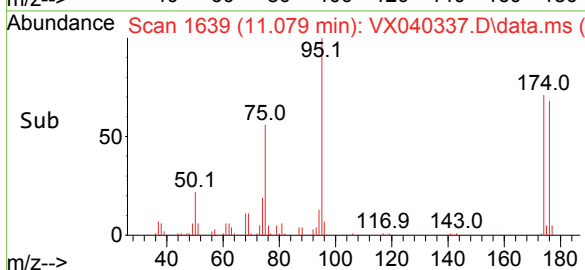
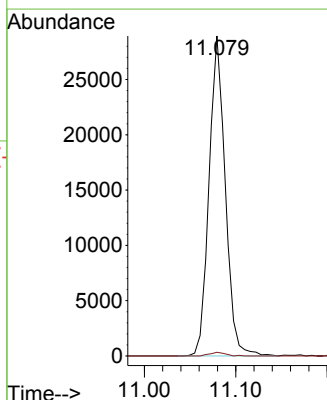
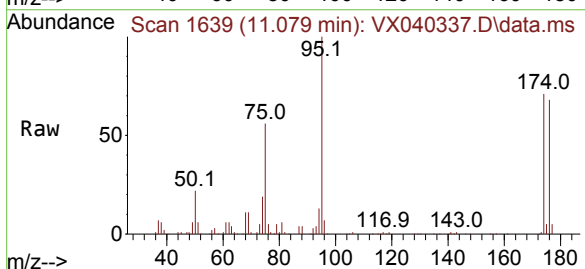
Acq: 19 Feb 2024 17:44

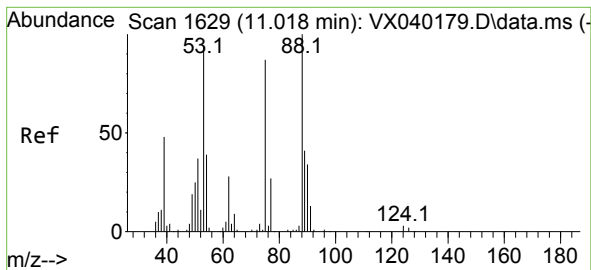
Tgt Ion: 75 Resp: 35645

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.558 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040337.D
 Acq: 19 Feb 2024 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 TB020724

Tgt Ion: 75 Resp: 35645
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

