

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040824\
 Data File : VX040931.D
 Acq On : 08 Apr 2024 15:45
 Operator : JC/MD
 Sample : P2026-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50312

Quant Time: Apr 09 02:49:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

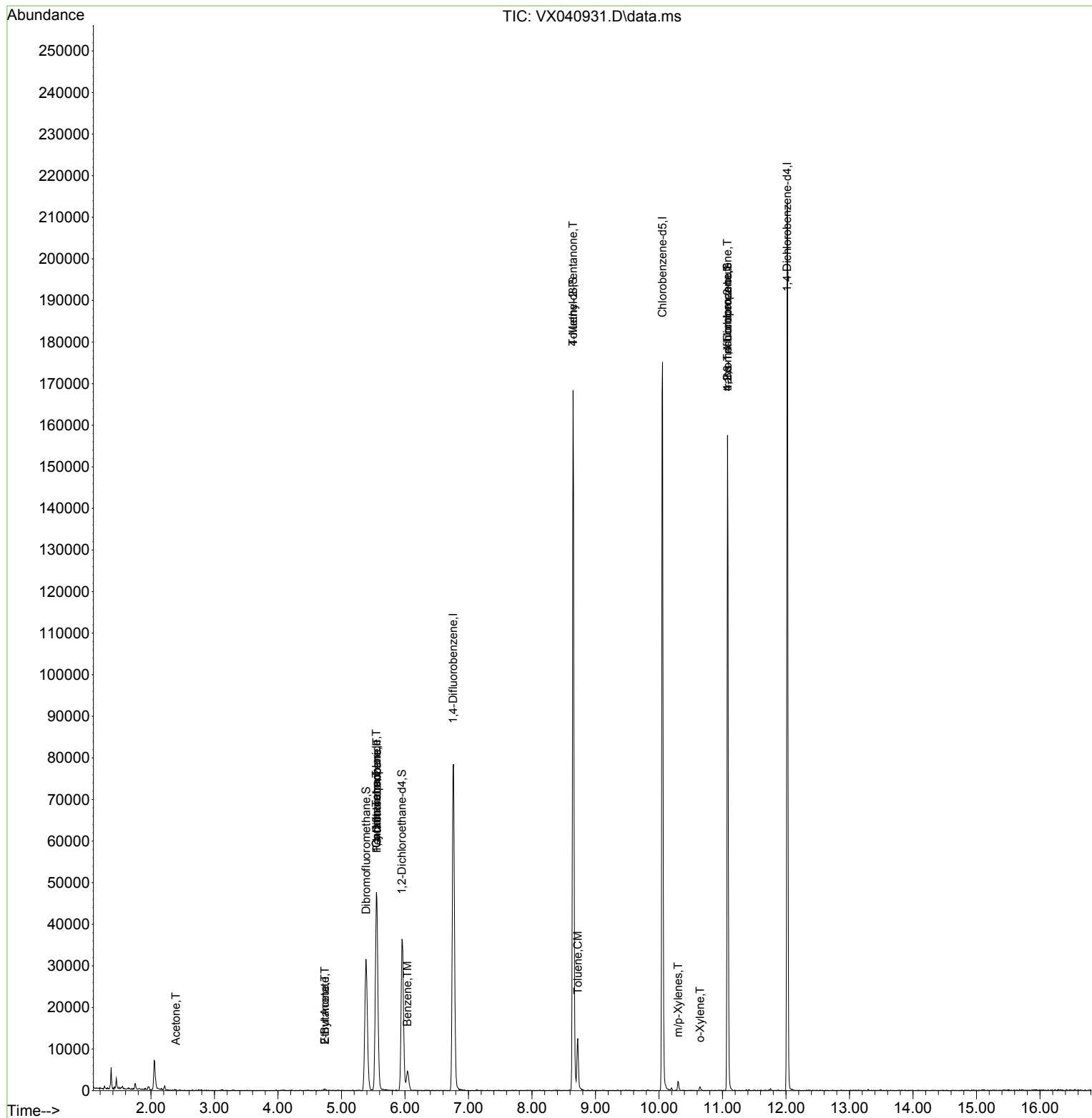
Internal Standards						
1) Pentafluorobenzene	5.556	168	41602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	75747	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	76127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	38769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	37368	50.061	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.120%	
35) Dibromofluoromethane	5.385	113	26489	49.372	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.740%	
50) Toluene-d8	8.647	98	96639	49.848	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.700%	
62) 4-Bromofluorobenzene	11.079	95	39109	50.515	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.020%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	240	0.828	ug/l #	47
25) 2-Butanone	4.739	43	787	1.828	ug/l #	51
31) Cyclohexane	5.550	56	1227	1.549	ug/l #	39
36) 1,1-Dichloropropene	5.556	75	3954	5.187	ug/l #	49
37) Ethyl Acetate	4.739	43	787	0.841	ug/l #	69
38) Carbon Tetrachloride	5.550	117	4718	5.591	ug/l #	14
40) Benzene	6.038	78	5521	2.609	ug/l #	81
51) 4-Methyl-2-Pentanone	8.647	43	487	0.508	ug/l #	1
52) Toluene	8.720	92	4342	3.252	ug/l	83
68) m/p-Xylenes	10.299	106	570	0.528	ug/l	81
69) o-Xylene	10.647	106	328	0.322	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	22954	27.765	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	22954	74.912	ug/l #	5

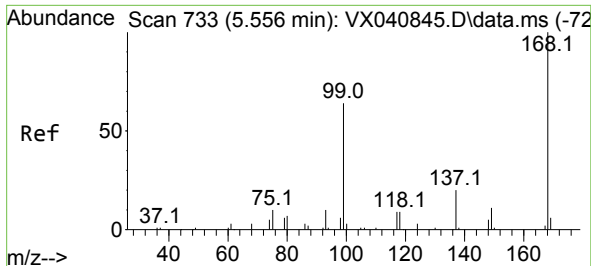
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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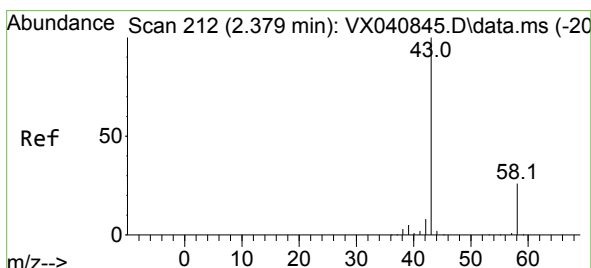
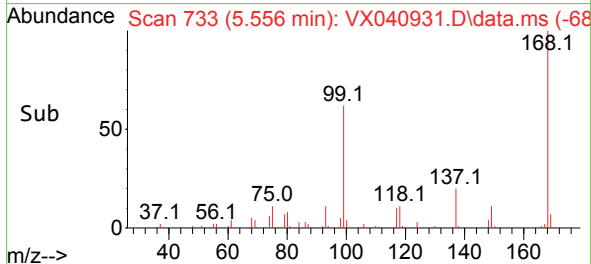
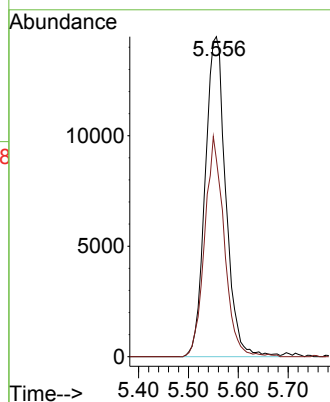
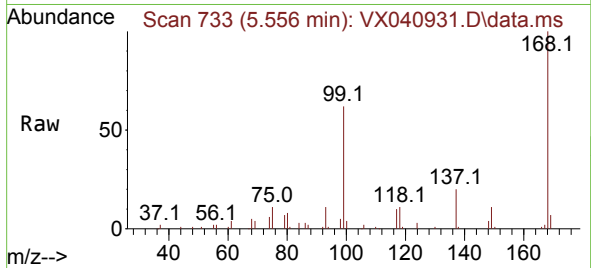




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040931.D
Acq: 08 Apr 2024 15:45

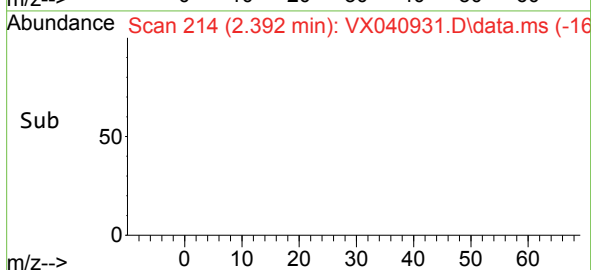
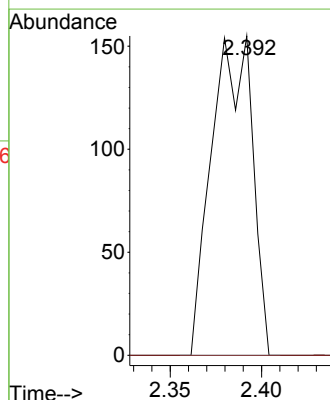
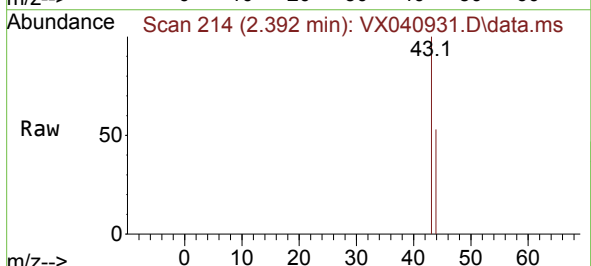
Instrument :
MSVOA_X
ClientSampleId :
50312

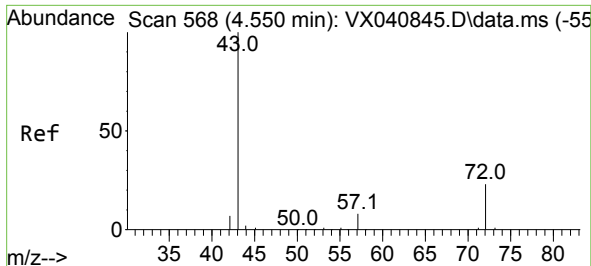
Tgt Ion:168 Resp: 41602
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#16
Acetone
Concen: 0.828 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX040931.D
Acq: 08 Apr 2024 15:45

Tgt Ion: 43 Resp: 240
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#

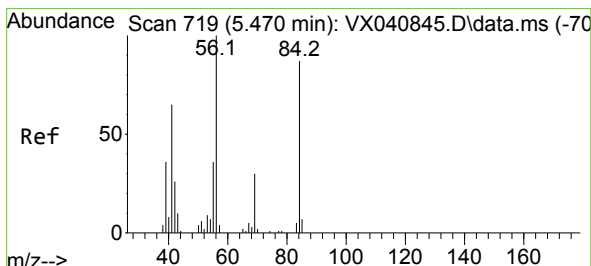
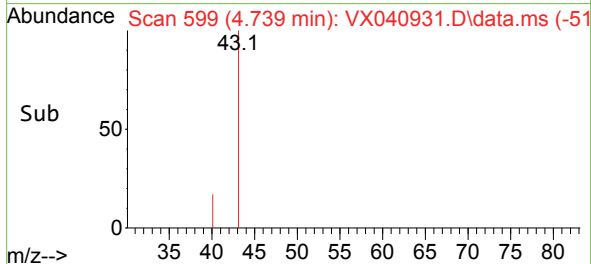
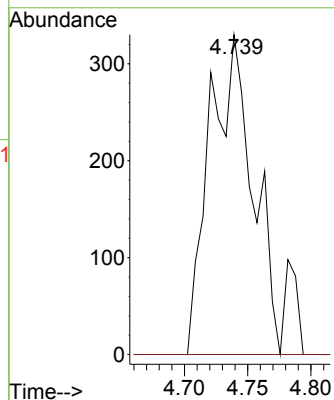
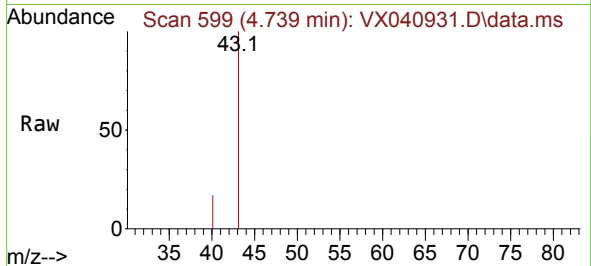




#25
2-Butanone
Concen: 1.828 ug/l
RT: 4.739 min Scan# 51
Delta R.T. 0.189 min
Lab File: VX040931.D
Acq: 08 Apr 2024 15:45

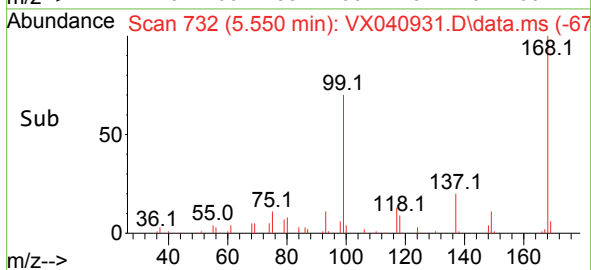
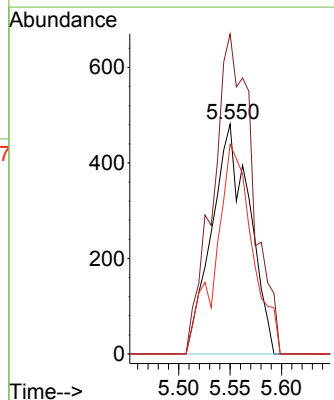
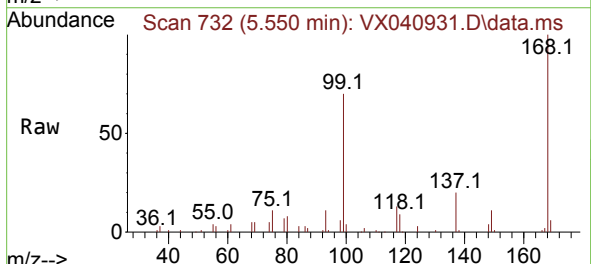
Instrument :
MSVOA_X
ClientSampleId :
50312

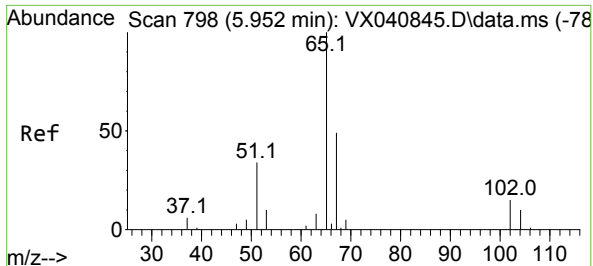
Tgt Ion: 43 Resp: 787
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.549 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX040931.D
Acq: 08 Apr 2024 15:45

Tgt Ion: 56 Resp: 1227
Ion Ratio Lower Upper
56 100
69 139.3 23.4 35.2#
84 91.3 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 50.061 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040931.D

Acq: 08 Apr 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

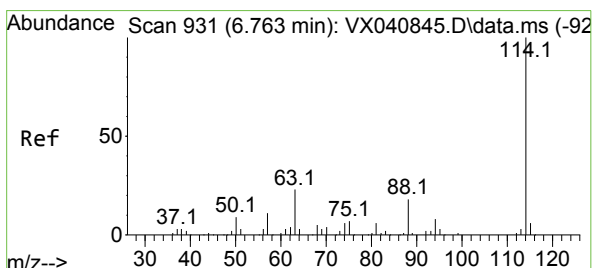
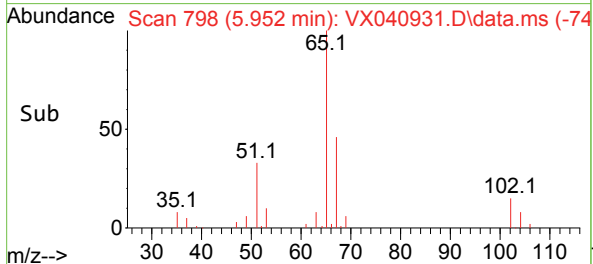
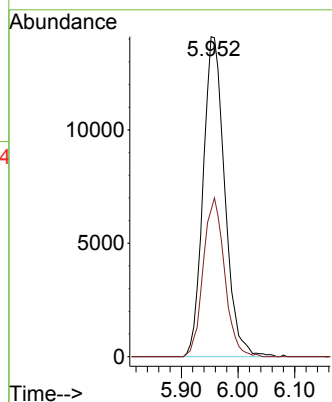
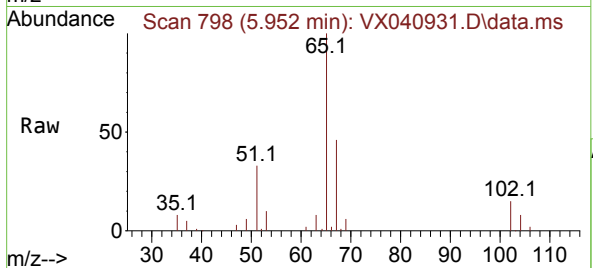
50312

Tgt Ion: 65 Resp: 37368

Ion Ratio Lower Upper

65 100

67 48.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040931.D

Acq: 08 Apr 2024 15:45

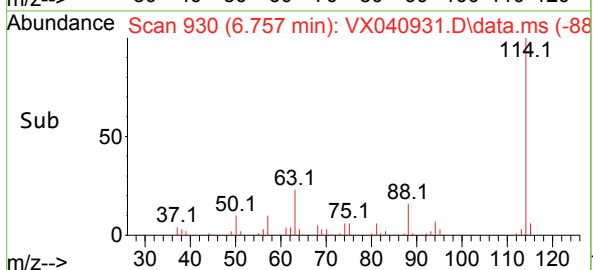
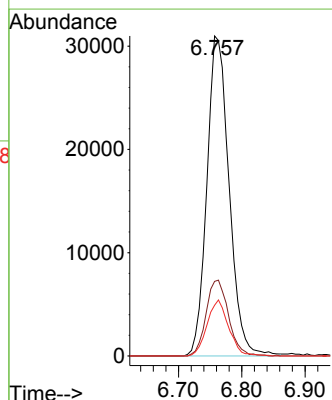
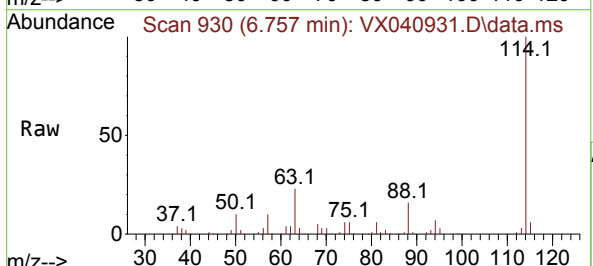
Tgt Ion: 114 Resp: 75747

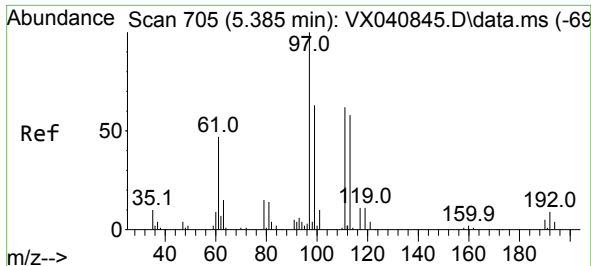
Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.0

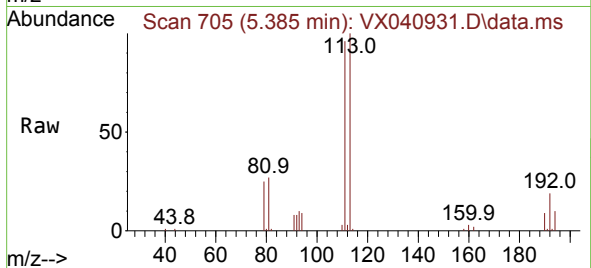
88 15.9 0.0 36.6



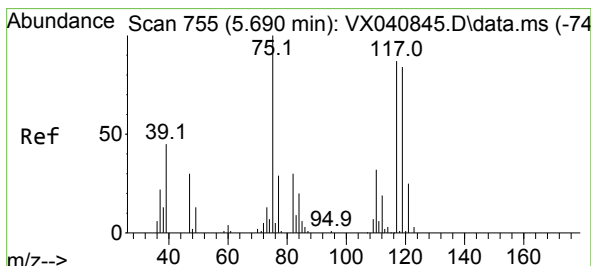
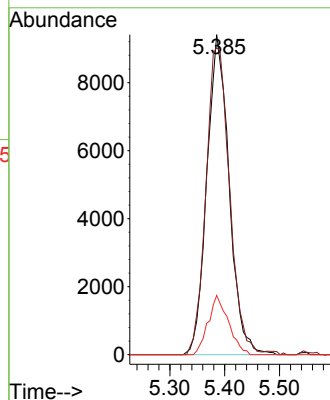
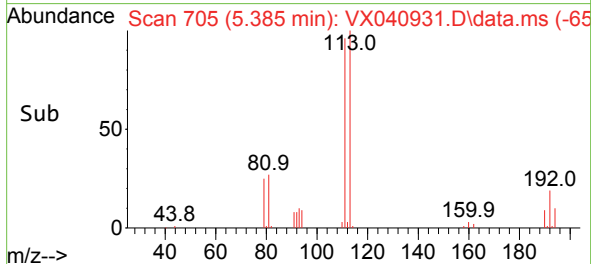


#35
Dibromofluoromethane
Concen: 49.372 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040931.D
Acq: 08 Apr 2024 15:45

Instrument :
MSVOA_X
ClientSampleId :
50312

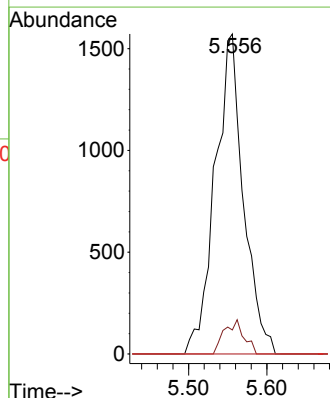
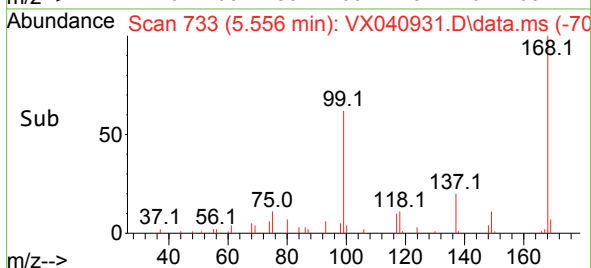
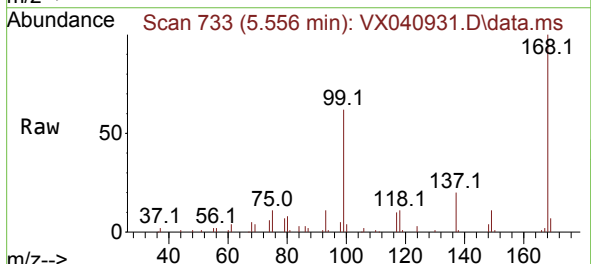


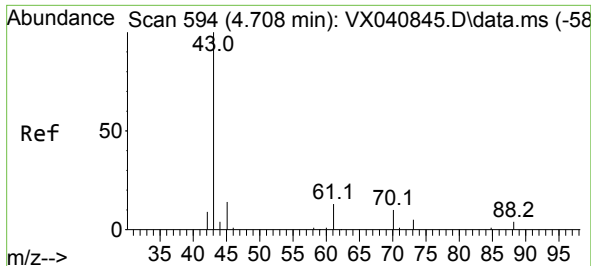
Tgt Ion:113 Resp: 26489
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 16.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.187 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX040931.D
Acq: 08 Apr 2024 15:45

Tgt Ion: 75 Resp: 3954
Ion Ratio Lower Upper
75 100
110 7.4 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.841 ug/l

RT: 4.739 min Scan# 594

Delta R.T. 0.031 min

Lab File: VX040931.D

Acq: 08 Apr 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

50312

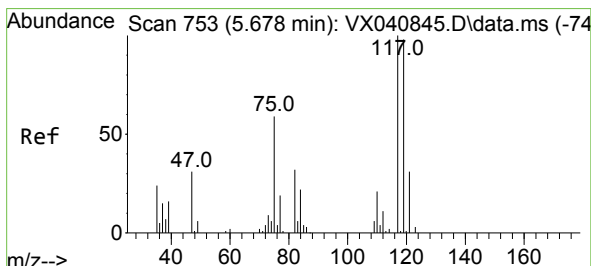
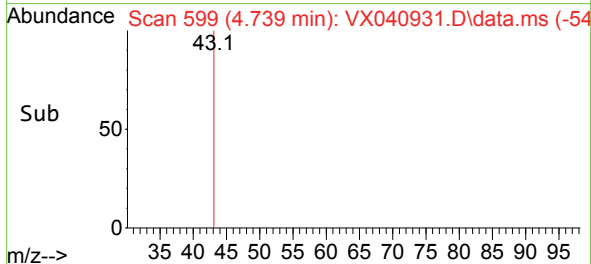
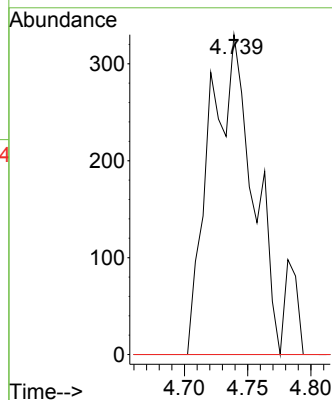
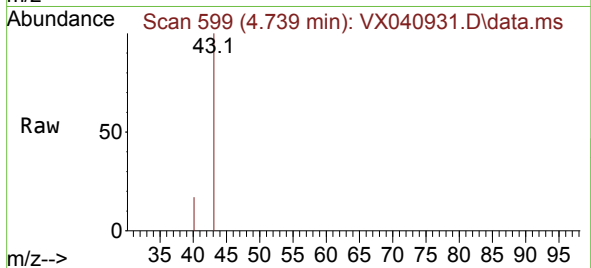
Tgt Ion: 43 Resp: 787

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 5.591 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX040931.D

Acq: 08 Apr 2024 15:45

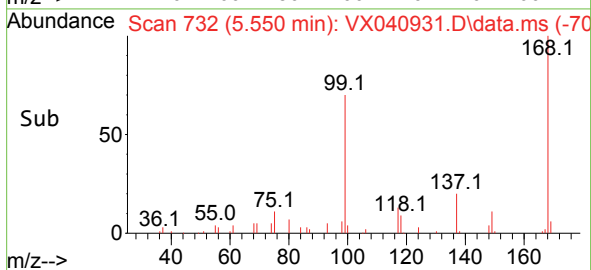
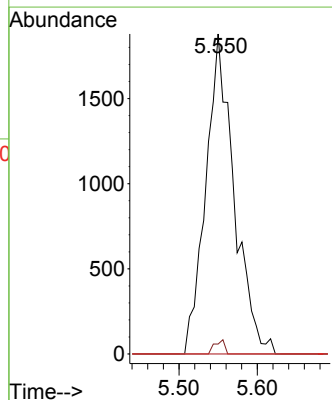
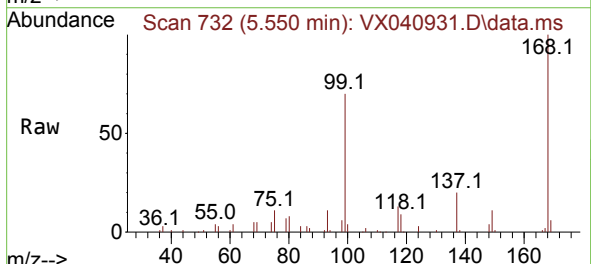
Tgt Ion: 117 Resp: 4718

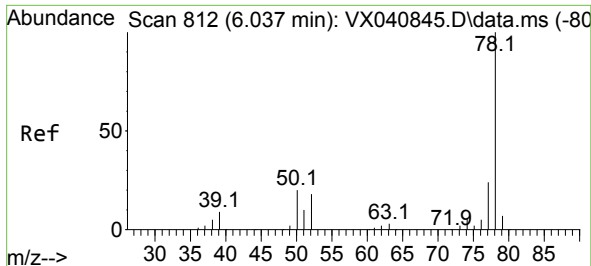
Ion Ratio Lower Upper

117 100

119 3.1 78.2 117.2#

121 0.0 24.4 36.6#

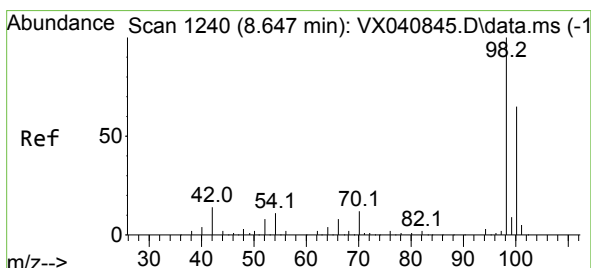
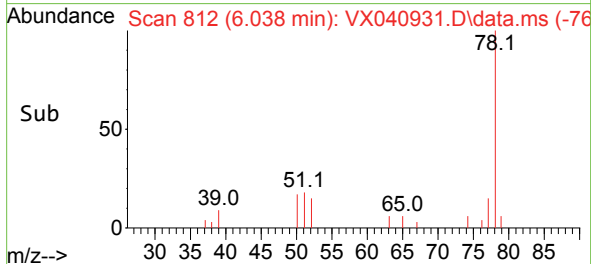
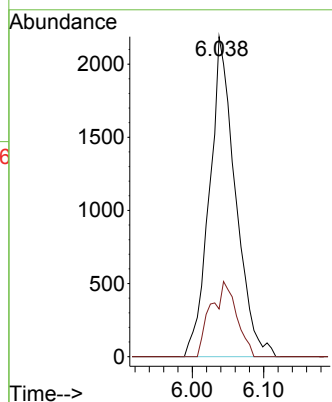
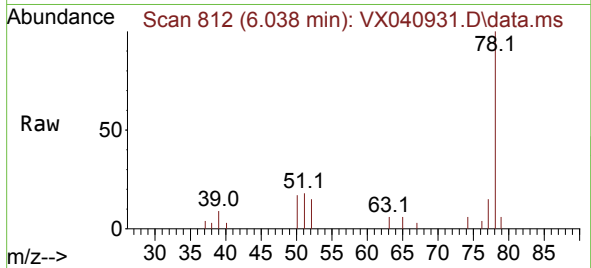




#40
Benzene
Concen: 2.609 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040931.D
Acq: 08 Apr 2024 15:45

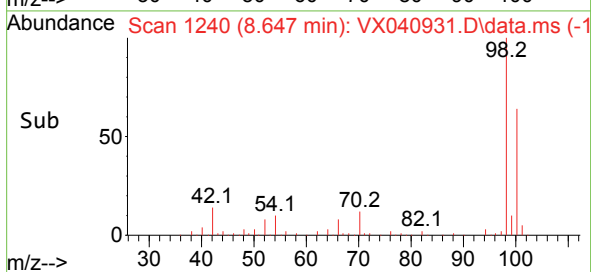
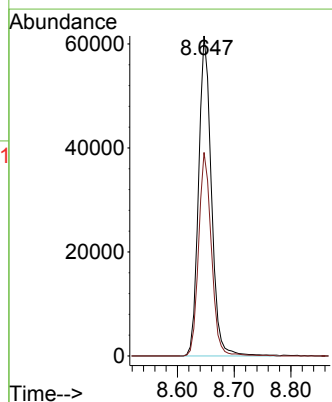
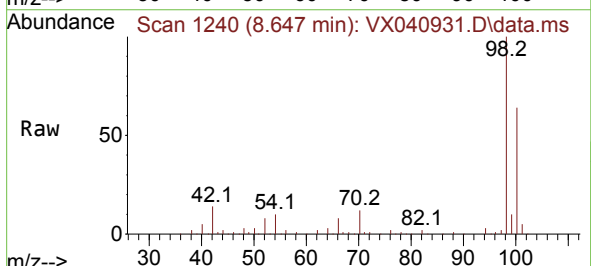
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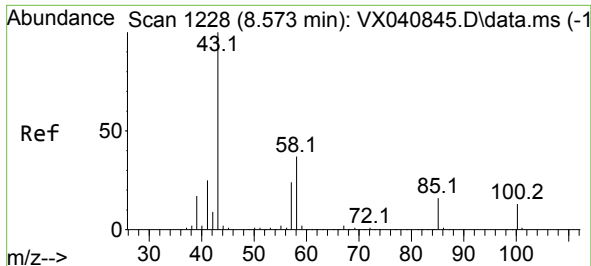
Tgt Ion: 78 Resp: 5521
Ion Ratio Lower Upper
78 100
77 14.9 19.3 28.9#



#50
Toluene-d8
Concen: 49.848 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040931.D
Acq: 08 Apr 2024 15:45

Tgt Ion: 98 Resp: 96639
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

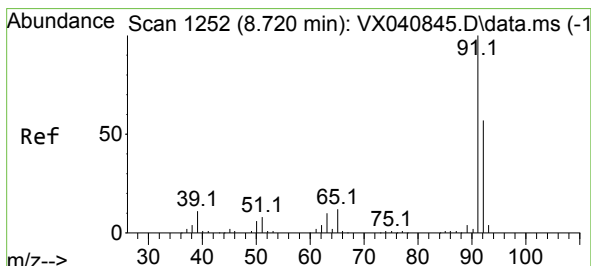
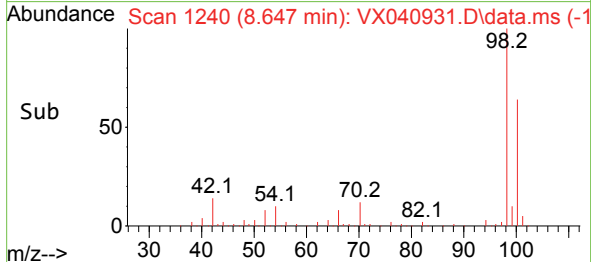
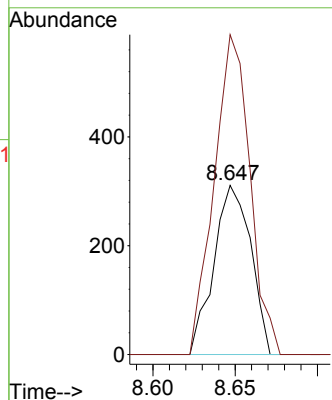
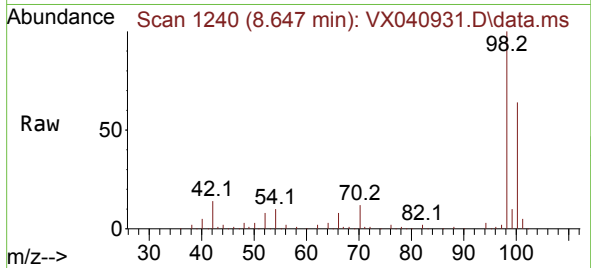




#51
4-Methyl-2-Pentanone
Concen: 0.508 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040931.D
Acq: 08 Apr 2024 15:45

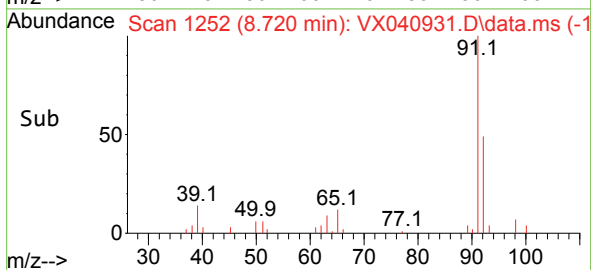
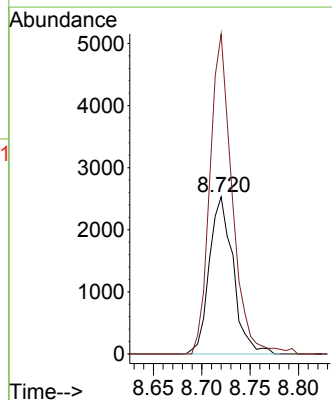
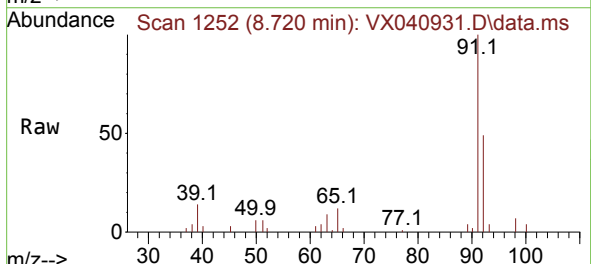
Instrument :
MSVOA_X
ClientSampleId :
50312

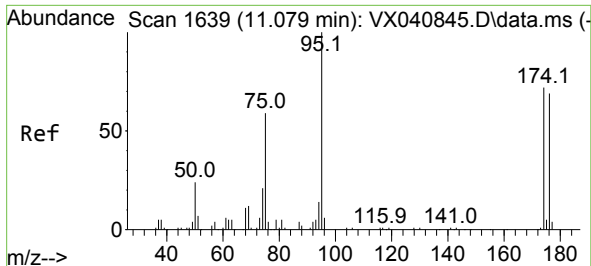
Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
58 183.2 30.4 45.6#



#52
Toluene
Concen: 3.252 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040931.D
Acq: 08 Apr 2024 15:45

Tgt Ion: 92 Resp: 4342
Ion Ratio Lower Upper
92 100
91 190.7 134.2 201.2

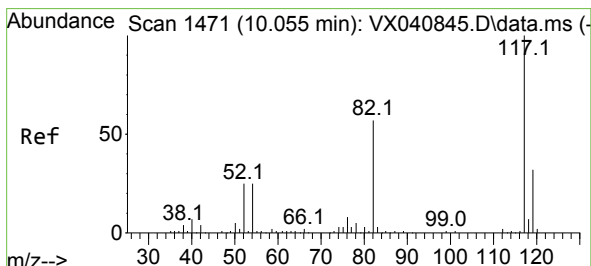
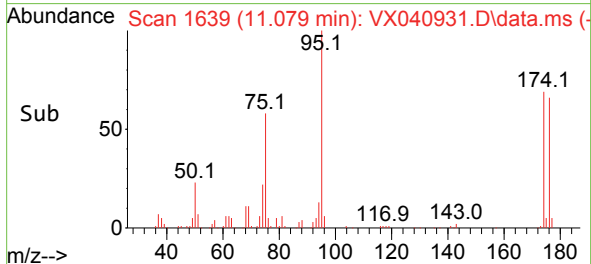
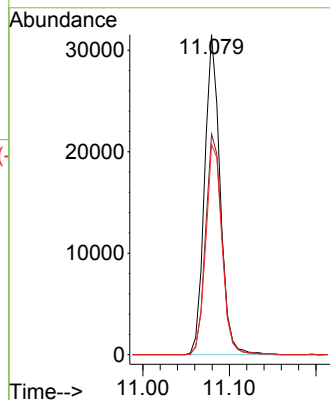
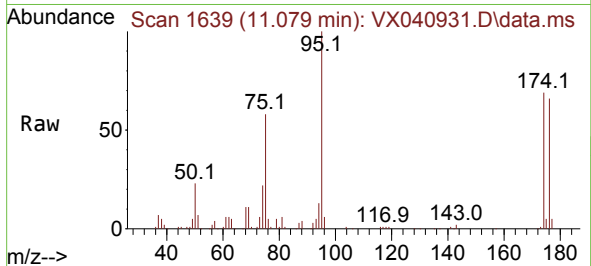




#62
4-Bromofluorobenzene
Concen: 50.515 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040931.D
Acq: 08 Apr 2024 15:45

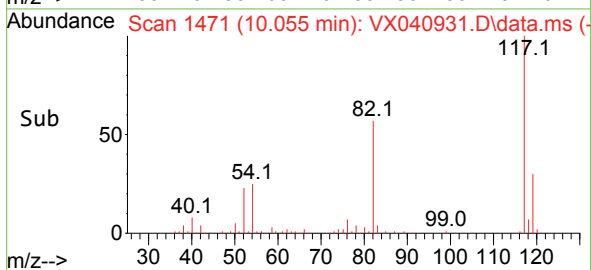
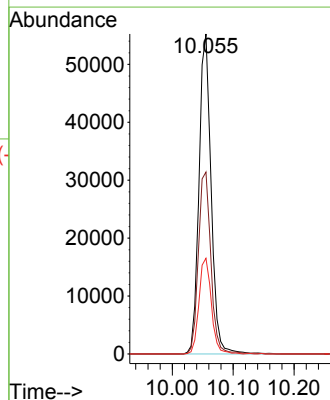
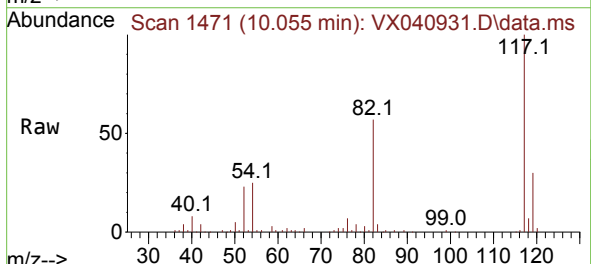
Instrument :
MSVOA_X
ClientSampleId :
50312

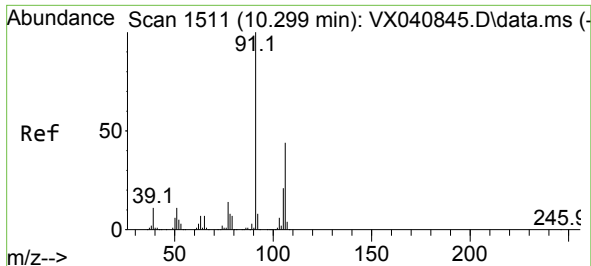
Tgt Ion: 95 Resp: 39109
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 69.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040931.D
Acq: 08 Apr 2024 15:45

Tgt Ion: 117 Resp: 76127
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 29.9 25.5 38.3

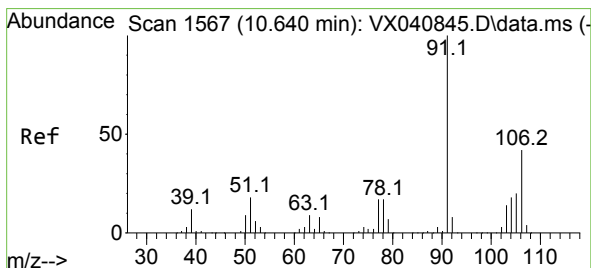
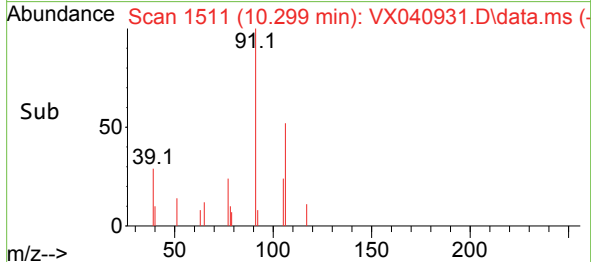
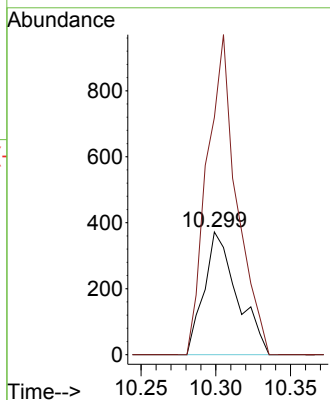
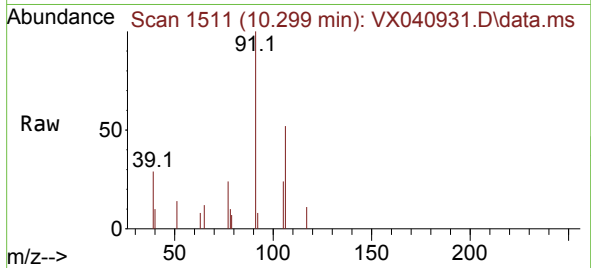




#68
m/p-Xylenes
Concen: 0.528 ug/l
RT: 10.299 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040931.D
Acq: 08 Apr 2024 15:45

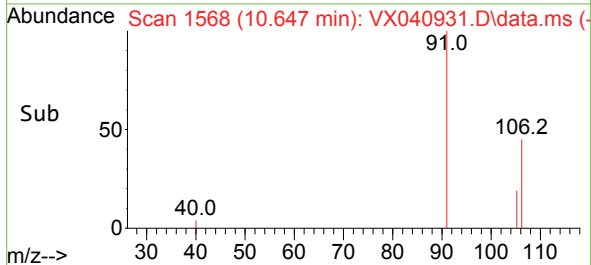
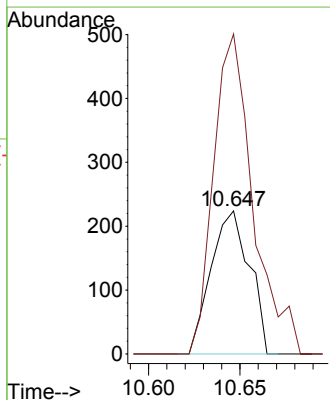
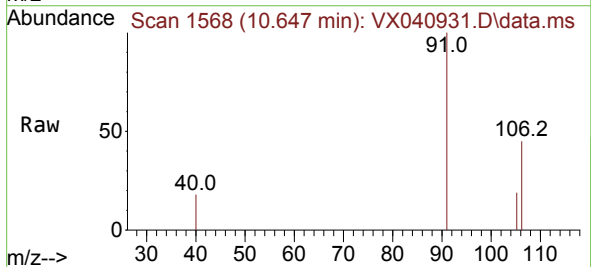
Instrument :
MSVOA_X
ClientSampleId :
50312

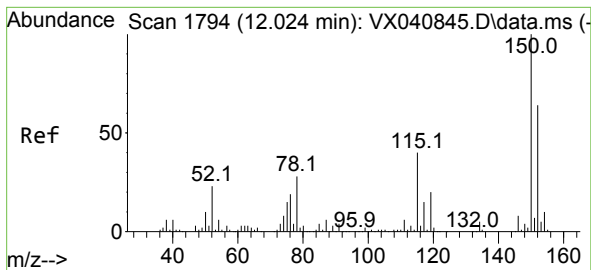
Tgt Ion:106 Resp: 570
Ion Ratio Lower Upper
106 100
91 236.1 165.5 248.3



#69
o-Xylene
Concen: 0.322 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX040931.D
Acq: 08 Apr 2024 15:45

Tgt Ion:106 Resp: 328
Ion Ratio Lower Upper
106 100
91 229.6 108.9 326.8

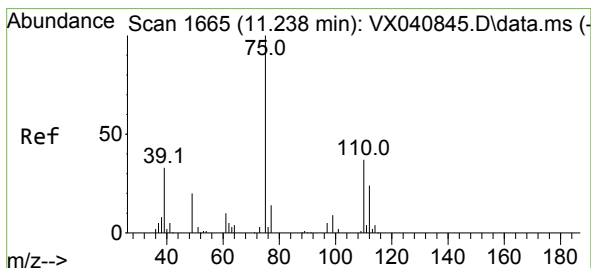
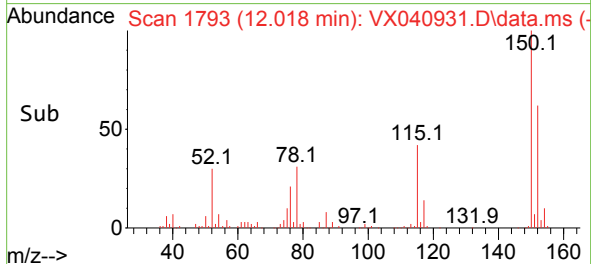
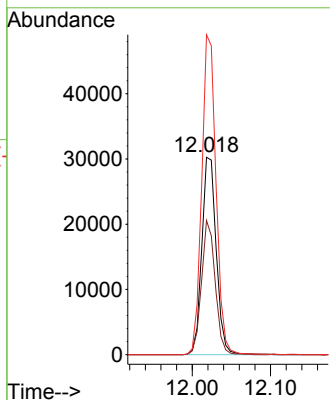
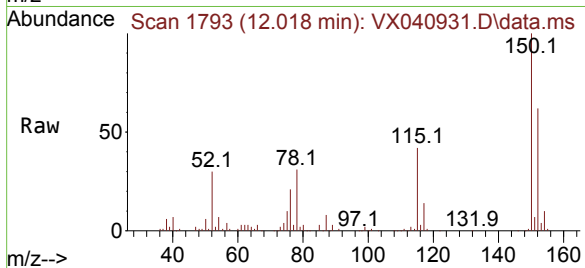




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040931.D
Acq: 08 Apr 2024 15:45

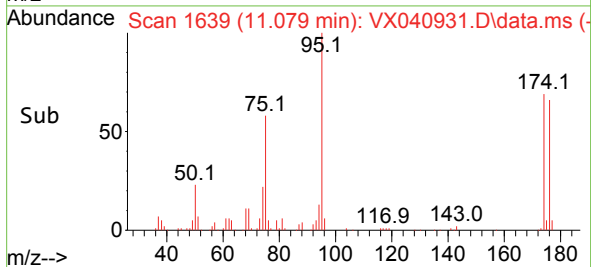
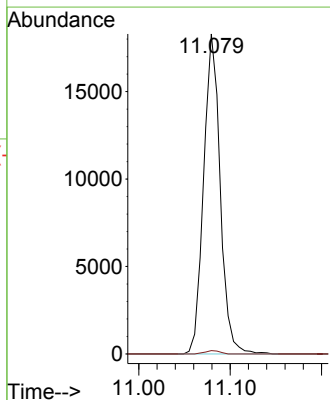
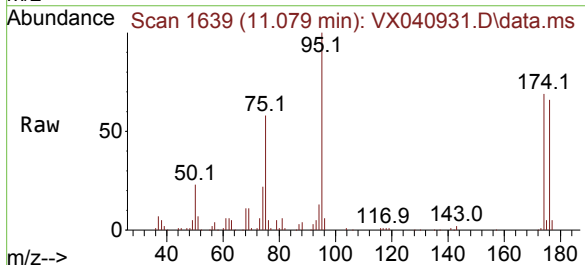
Instrument :
MSVOA_X
ClientSampleId :
50312

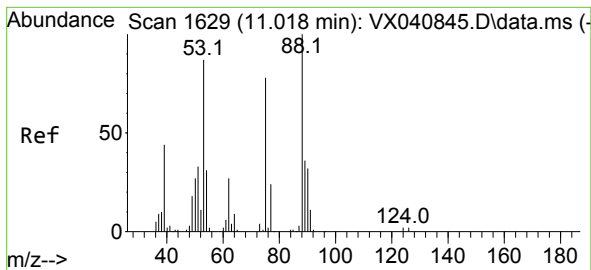
Tgt Ion:152 Resp: 38769
Ion Ratio Lower Upper
152 100
115 64.4 43.3 129.9
150 160.3 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 27.765 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040931.D
Acq: 08 Apr 2024 15:45

Tgt Ion: 75 Resp: 22954
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.912 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040931.D
 Acq: 08 Apr 2024 15:45

Instrument :
 MSVOA_X
 ClientSampleId :
 50312

Tgt Ion: 75 Resp: 22954
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

