

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040824\
 Data File : VX040932.D
 Acq On : 08 Apr 2024 16:08
 Operator : JC/MD
 Sample : P2026-04 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50313

Quant Time: Apr 09 02:50:09 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)

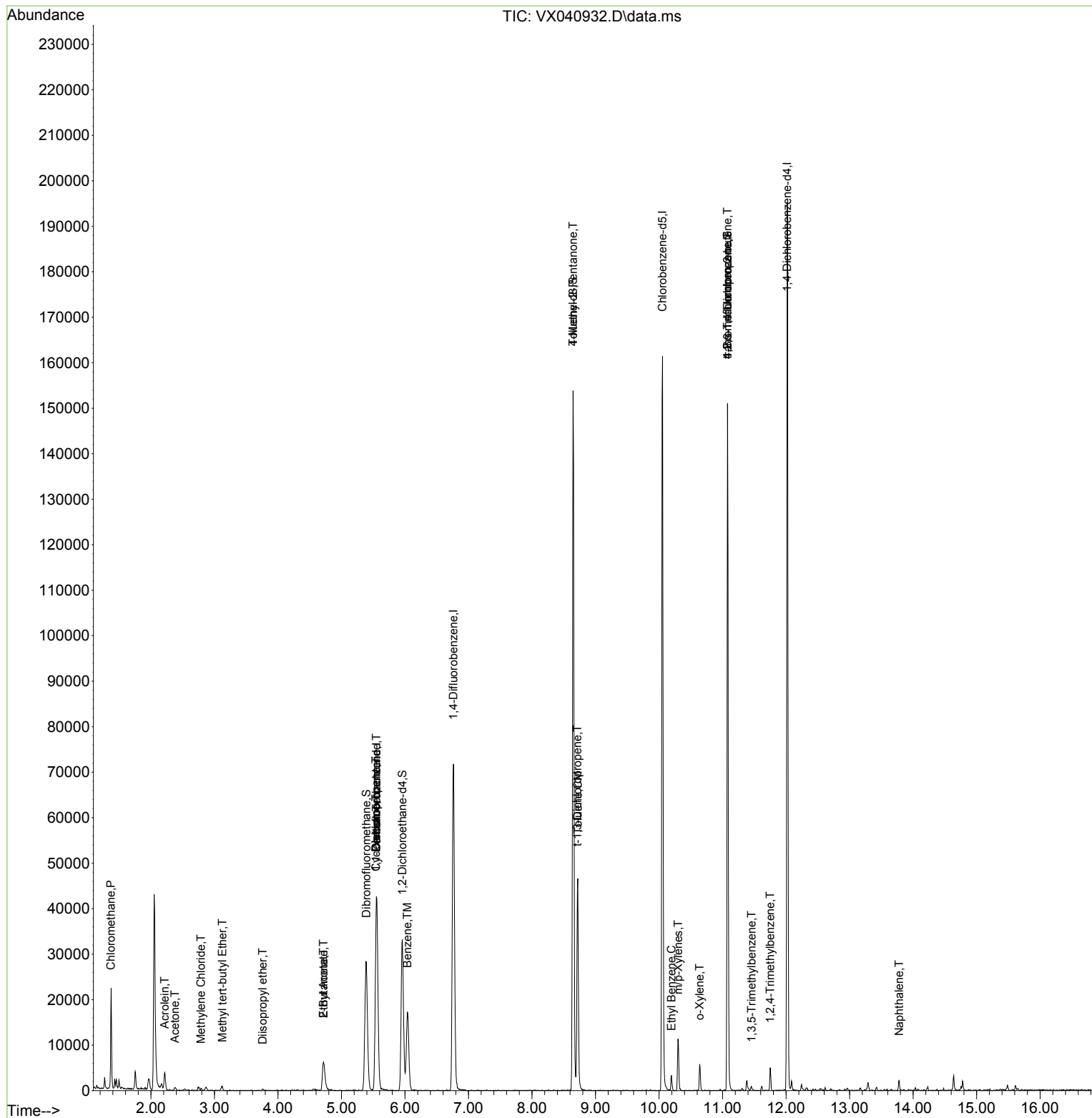
Internal Standards						
1) Pentafluorobenzene	5.550	168	37547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	69758	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	69963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	36956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	33444	49.642	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.280%		
35) Dibromofluoromethane	5.391	113	24174	48.926	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.860%		
50) Toluene-d8	8.647	98	87522	49.021	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.040%		
62) 4-Bromofluorobenzene	11.079	95	36669	51.430	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.860%		
Target Compounds					Qvalue	
3) Chloromethane	1.367	50	242	0.550	ug/l #	43
13) Acrolein	2.215	56	49	0.730	ug/l #	1
16) Acetone	2.380	43	826	3.158	ug/l #	80
19) Methyl tert-butyl Ether	3.123	73	904	0.611	ug/l	92
20) Methylene Chloride	2.788	84	154	0.318	ug/l #	84
22) Diisopropyl ether	3.757	45	361	0.247	ug/l #	68
25) 2-Butanone	4.714	43	11854	30.505	ug/l #	51
31) Cyclohexane	5.544	56	1104	1.544	ug/l #	35
36) 1,1-Dichloropropene	5.544	75	3627	5.166	ug/l #	48
37) Ethyl Acetate	4.714	43	11854	13.750	ug/l	99
38) Carbon Tetrachloride	5.550	117	4404	5.666	ug/l #	11
40) Benzene	6.037	78	20071	10.300	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	470	0.532	ug/l #	1
52) Toluene	8.720	92	17227	14.011	ug/l	98
53) t-1,3-Dichloropropene	8.714	75	271	1.083	ug/l #	1
67) Ethyl Benzene	10.195	91	2108	0.773	ug/l	99
68) m/p-Xylenes	10.299	106	2484	2.502	ug/l	87
69) o-Xylene	10.640	106	1246	1.332	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	22466	28.508	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.457	105	692	0.314	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	22466	76.916	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	2353	1.060	ug/l	95
95) Naphthalene	13.780	128	1662	0.621	ug/l	95

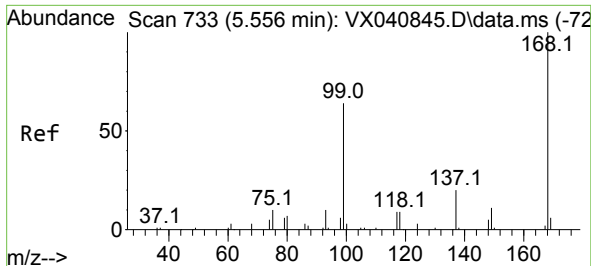
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040824\
Data File : VX040932.D
Acq On : 08 Apr 2024 16:08
Operator : JC/MD
Sample : P2026-04 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
50313

Quant Time: Apr 09 02:50:09 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





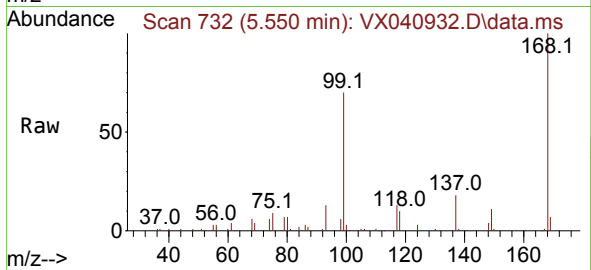
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

Instrument :

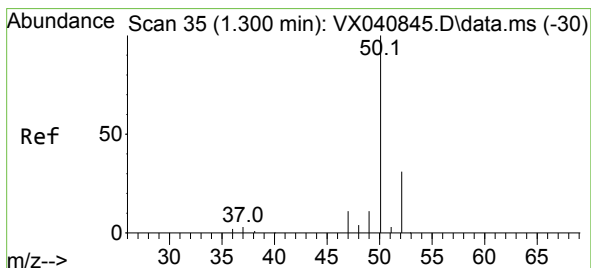
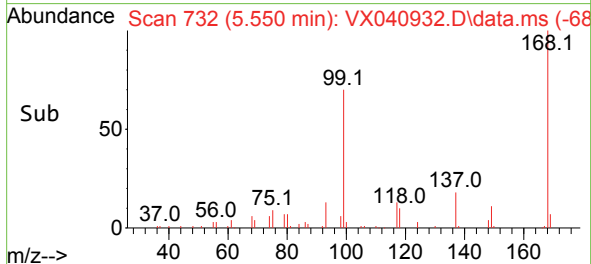
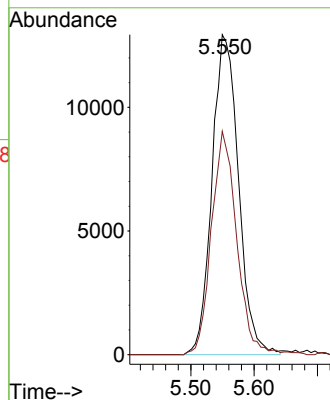
MSVOA_X

ClientSampleId :

50313

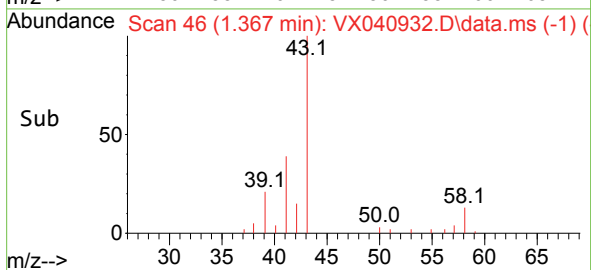
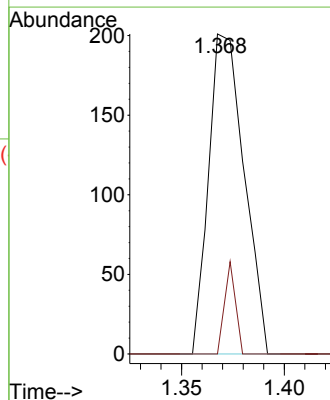
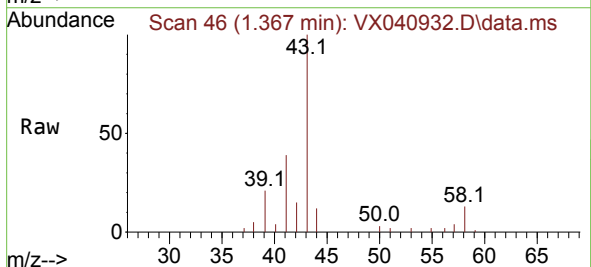


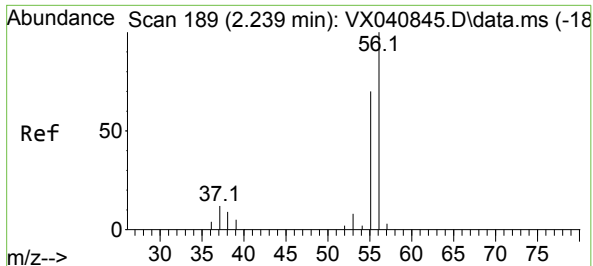
Tgt Ion:168 Resp: 37547
Ion Ratio Lower Upper
168 100
99 69.8 56.6 85.0



#3
Chloromethane
Concen: 0.550 ug/l
RT: 1.367 min Scan# 46
Delta R.T. 0.067 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

Tgt Ion: 50 Resp: 242
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#13

Acrolein

Concen: 0.730 ug/l

RT: 2.215 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX040932.D

Acq: 08 Apr 2024 16:08

Instrument :

MSVOA_X

ClientSampleId :

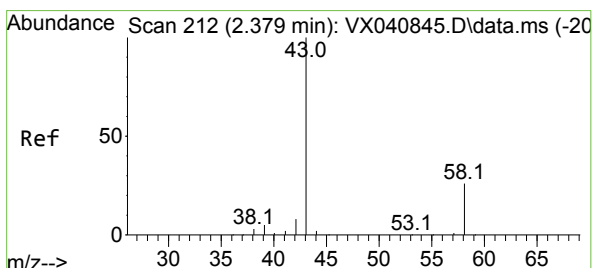
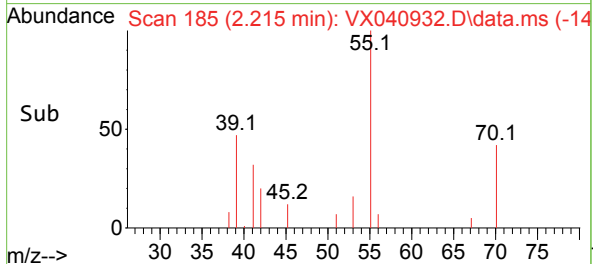
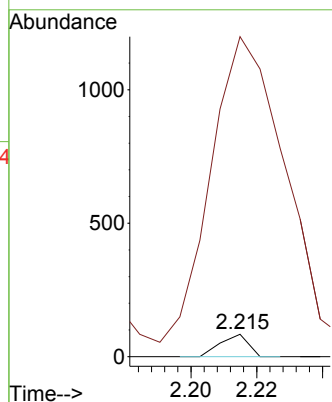
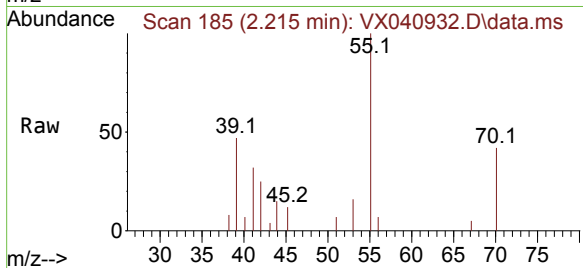
50313

Tgt Ion: 56 Resp: 49

Ion Ratio Lower Upper

56 100

55 3967.3 57.1 85.7#



#16

Acetone

Concen: 3.158 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX040932.D

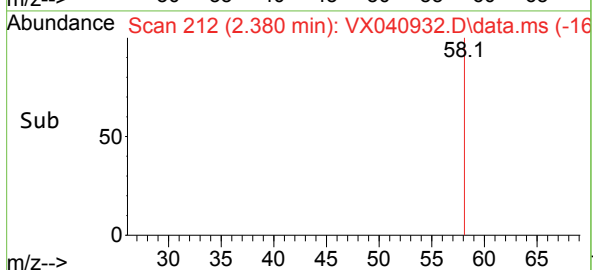
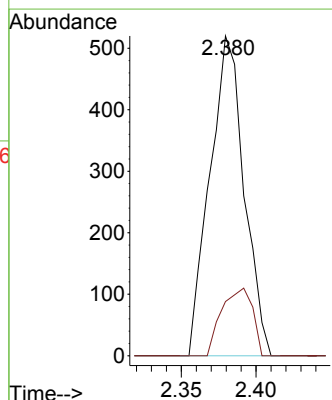
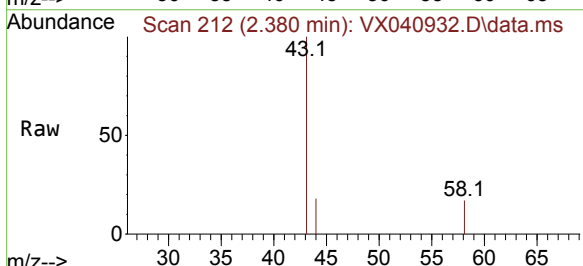
Acq: 08 Apr 2024 16:08

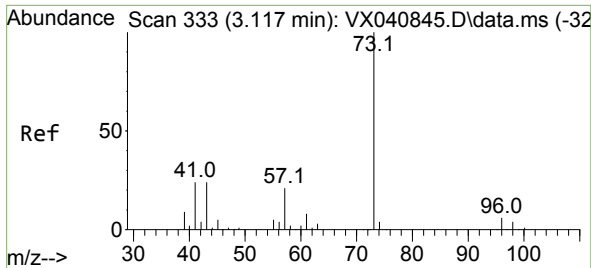
Tgt Ion: 43 Resp: 826

Ion Ratio Lower Upper

43 100

58 16.9 21.9 32.9#

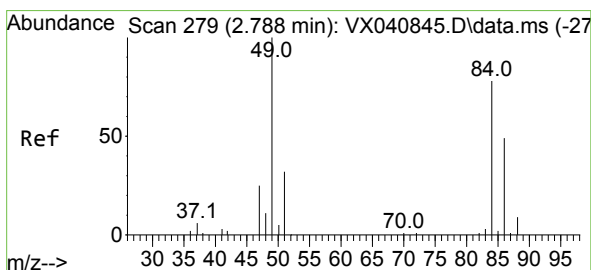
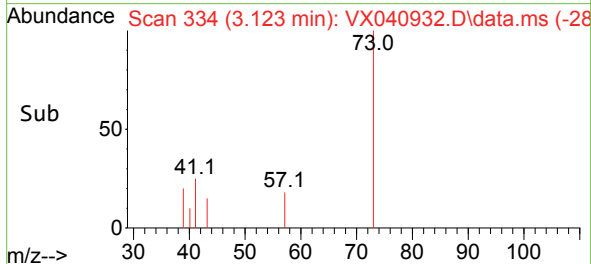
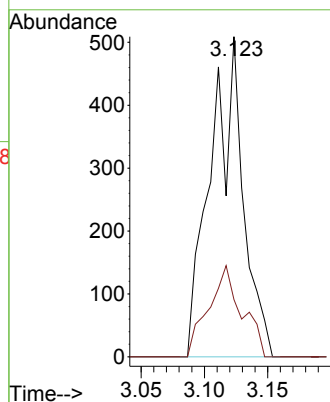
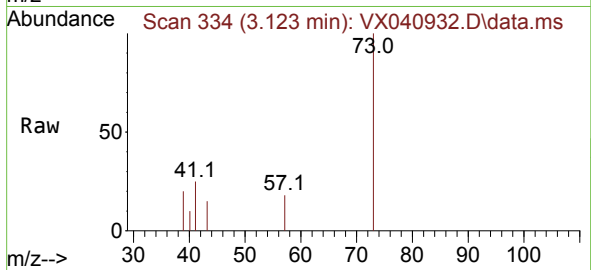




#19
Methyl tert-butyl Ether
Concen: 0.611 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

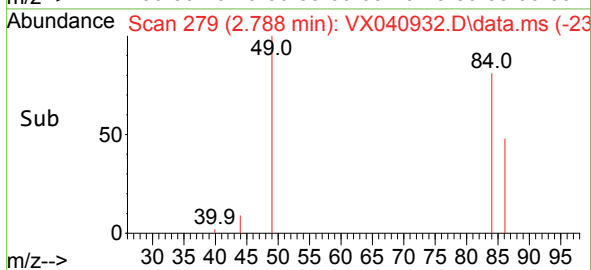
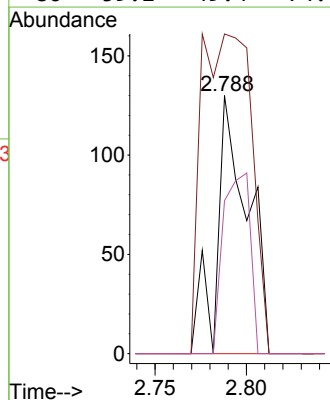
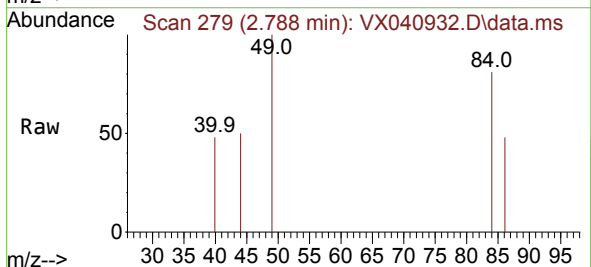
Instrument :
MSVOA_X
ClientSampleId :
50313

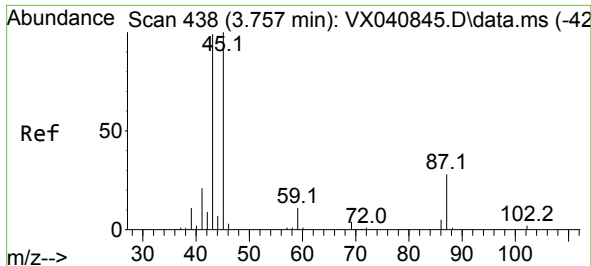
Tgt Ion: 73 Resp: 904
Ion Ratio Lower Upper
73 100
57 17.9 17.3 25.9



#20
Methylene Chloride
Concen: 0.318 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

Tgt Ion: 84 Resp: 154
Ion Ratio Lower Upper
84 100
49 123.8 103.6 155.4
51 0.0 33.8 50.6#
86 59.2 49.4 74.0

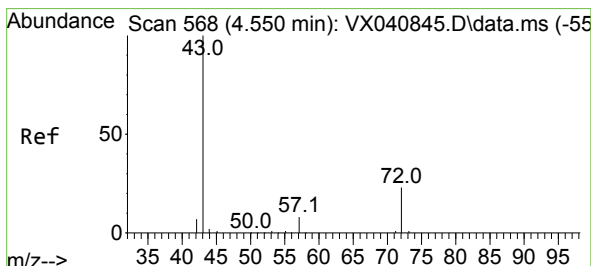
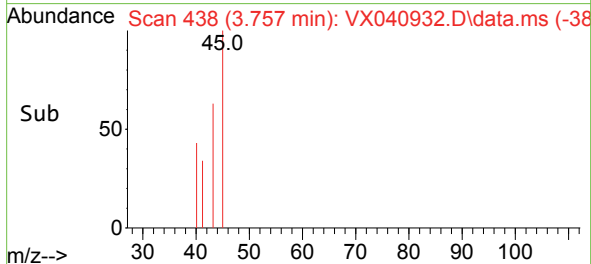
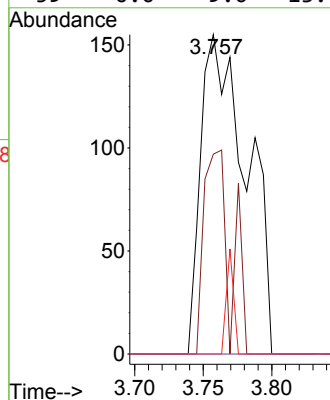
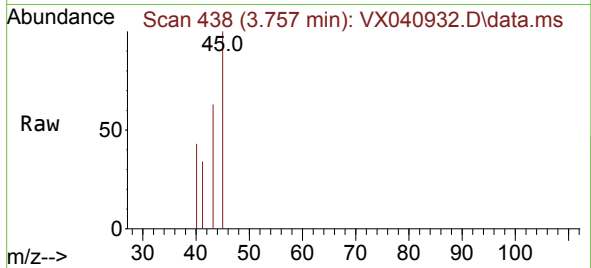




#22
Diisopropyl ether
Concen: 0.247 ug/l
RT: 3.757 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

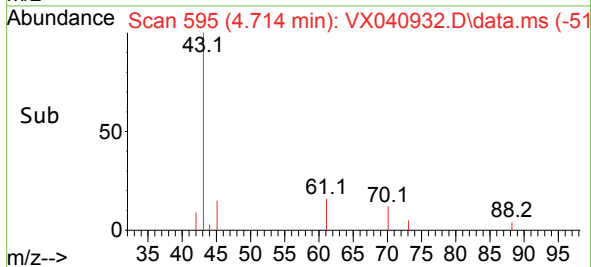
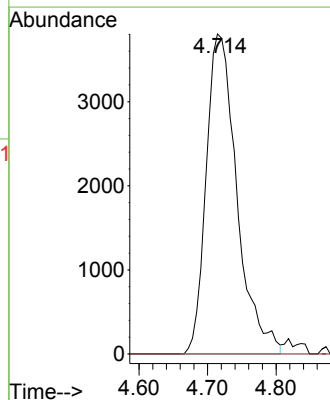
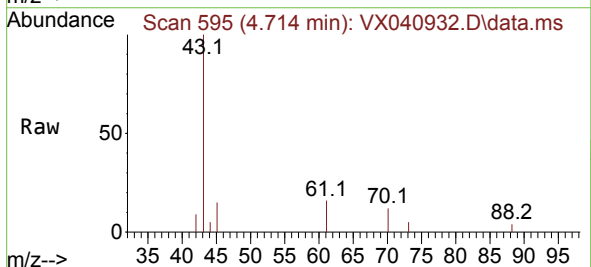
Instrument :
MSVOA_X
ClientSampleId :
50313

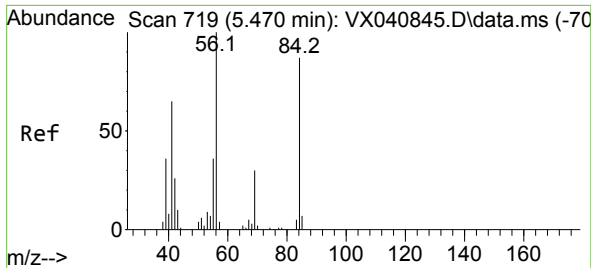
Tgt Ion: 45 Resp: 361
Ion Ratio Lower Upper
45 100
43 62.6 69.7 104.5#
87 0.0 20.8 31.2#
59 0.0 9.0 13.4#



#25
2-Butanone
Concen: 30.505 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.165 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

Tgt Ion: 43 Resp: 11854
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#

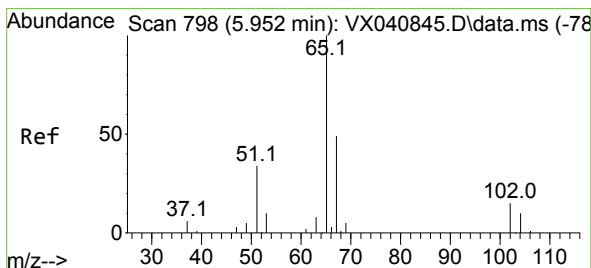
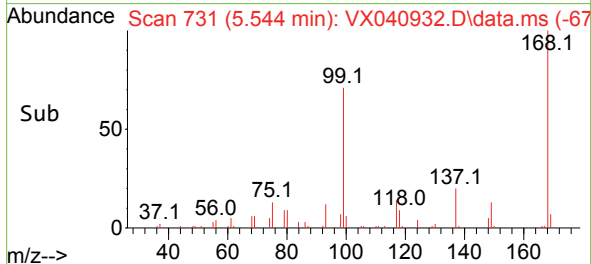
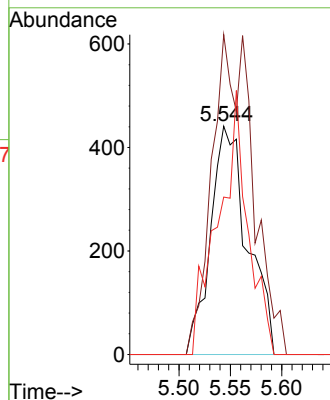
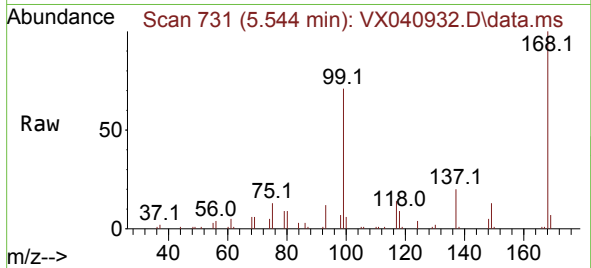




#31
Cyclohexane
Concen: 1.544 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

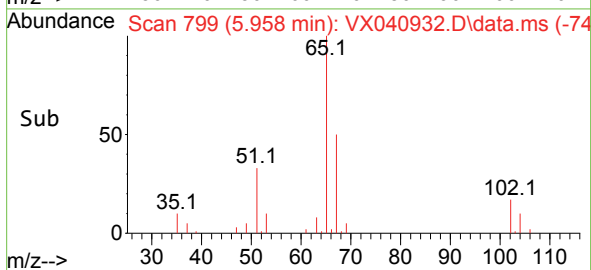
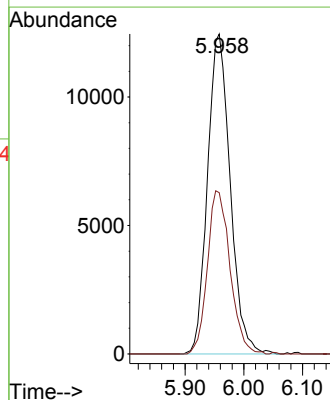
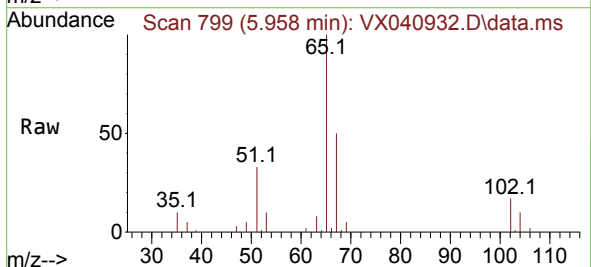
Instrument :
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ClientSampleId :
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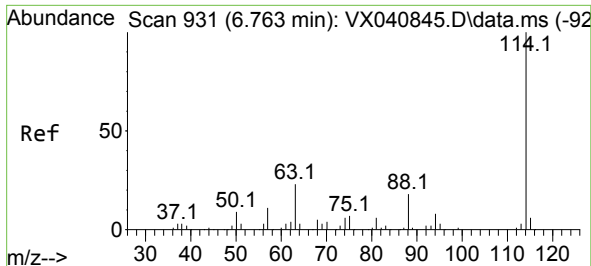
Tgt Ion: 56 Resp: 1104
Ion Ratio Lower Upper
56 100
69 140.1 23.4 35.2#
84 68.9 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 49.642 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

Tgt Ion: 65 Resp: 33444
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

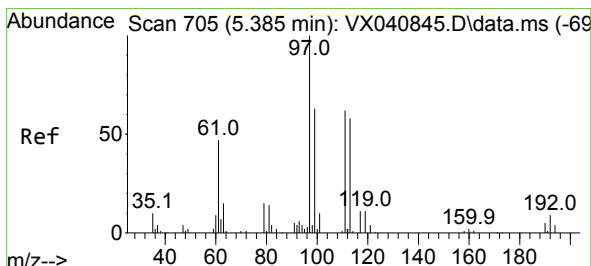
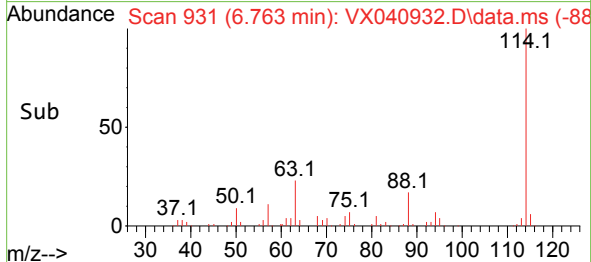
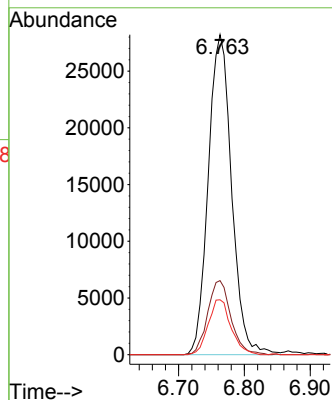
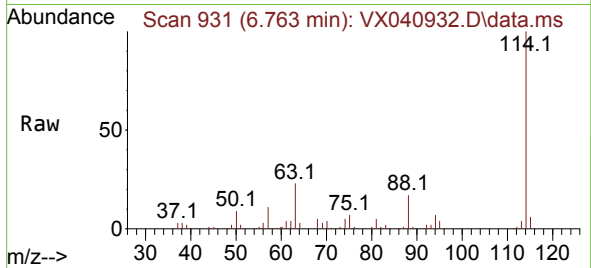




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

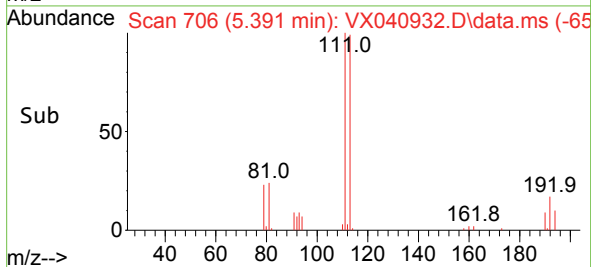
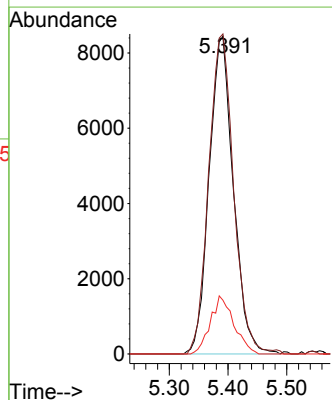
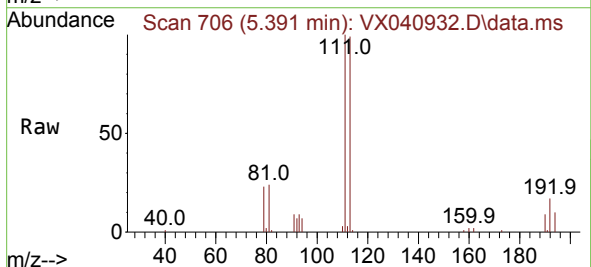
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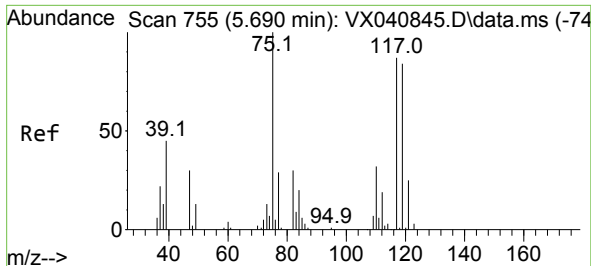
Tgt Ion:114 Resp: 69758
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.926 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

Tgt Ion:113 Resp: 24174
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 17.7 13.3 19.9

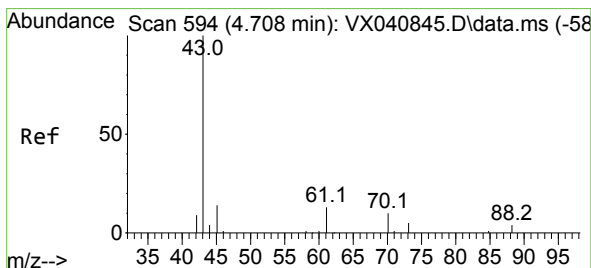
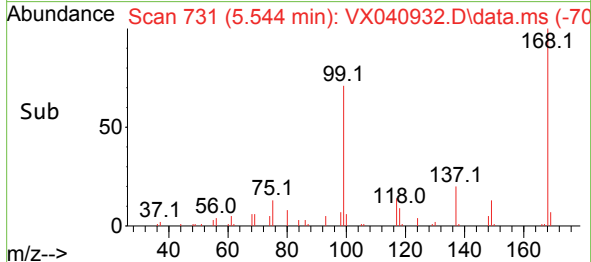
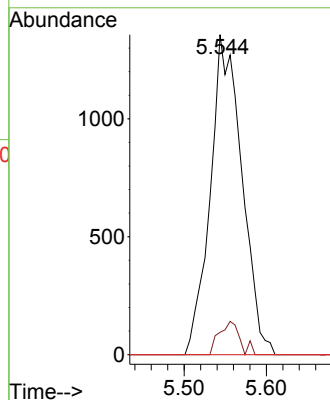
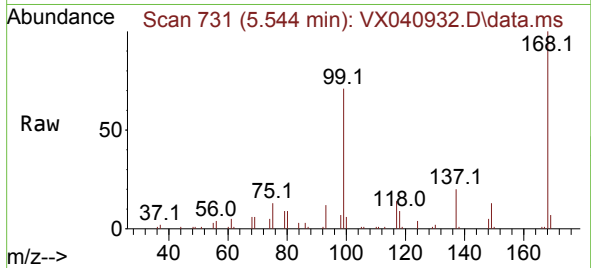




#36
1,1-Dichloropropene
Concen: 5.166 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

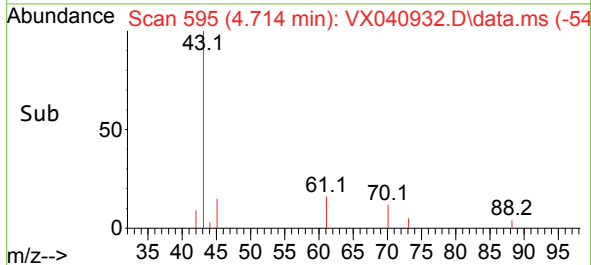
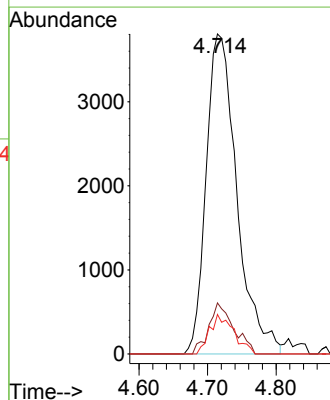
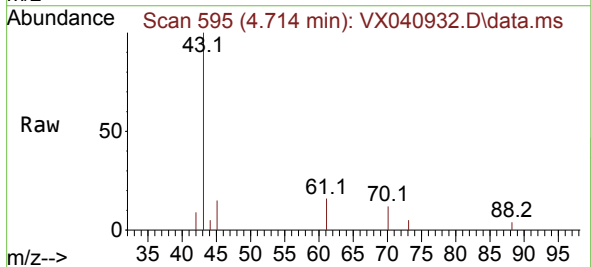
Instrument :
MSVOA_X
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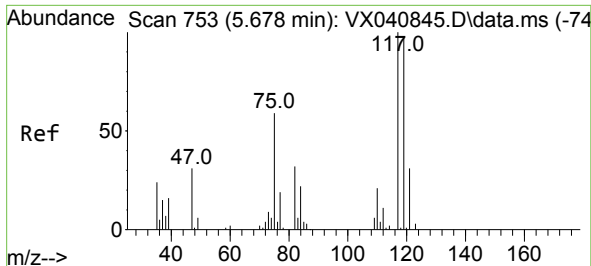
Tgt Ion: 75 Resp: 3627
Ion Ratio Lower Upper
75 100
110 6.8 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 13.750 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

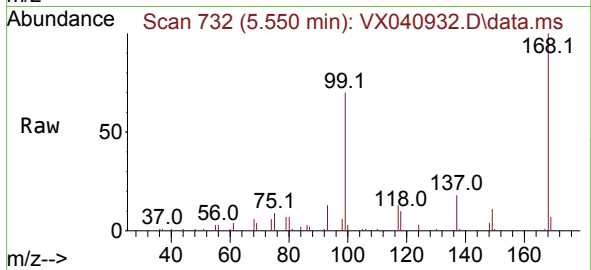
Tgt Ion: 43 Resp: 11854
Ion Ratio Lower Upper
43 100
61 12.9 10.6 16.0
70 9.7 8.3 12.5



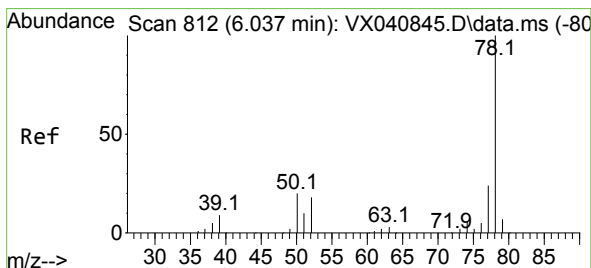
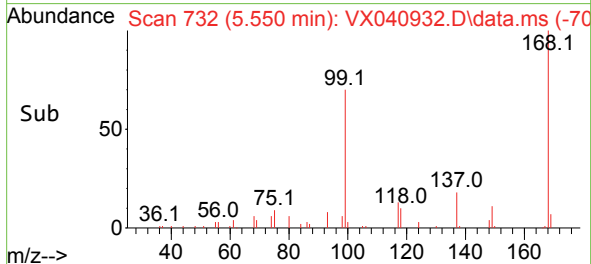
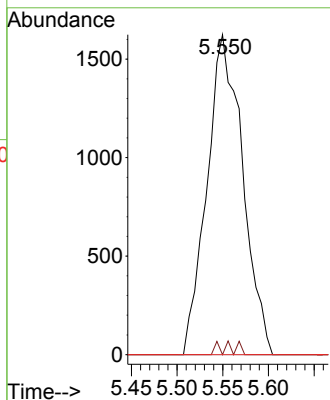


#38
Carbon Tetrachloride
Concen: 5.666 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

Instrument :
MSVOA_X
ClientSampleId :
50313

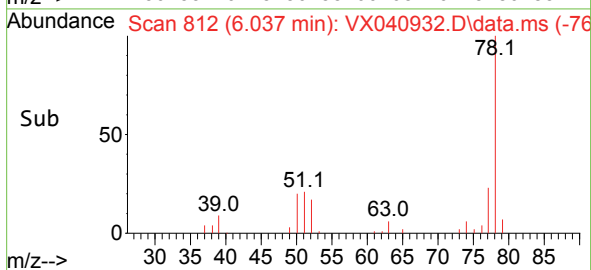
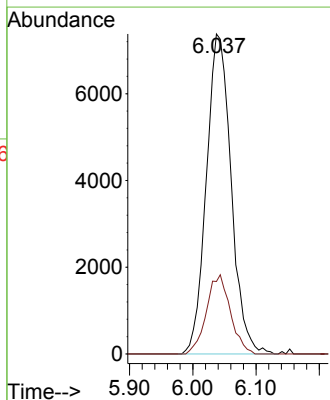
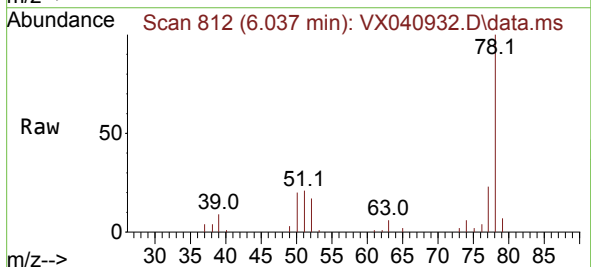


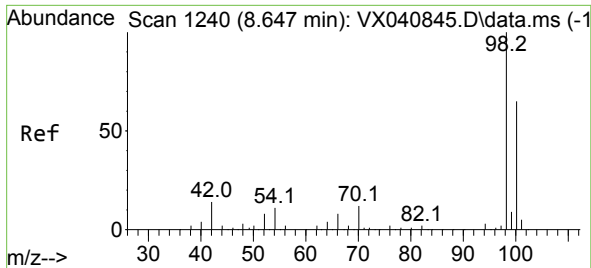
Tgt Ion:117 Resp: 4404
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 10.300 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

Tgt Ion: 78 Resp: 20071
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9

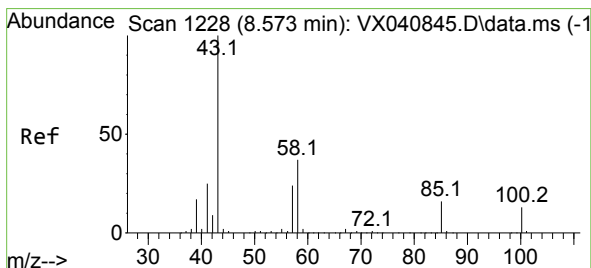
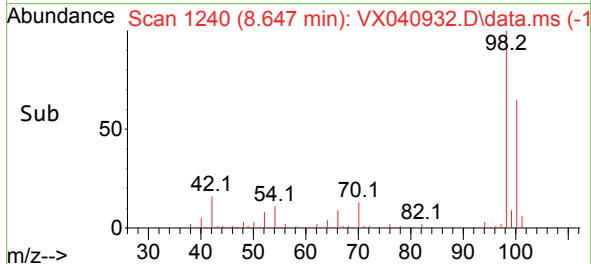
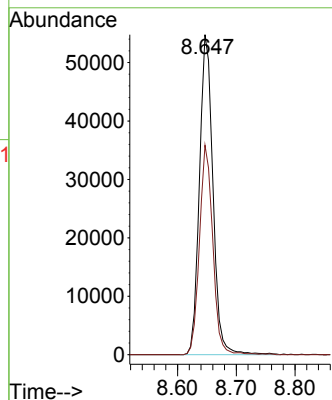
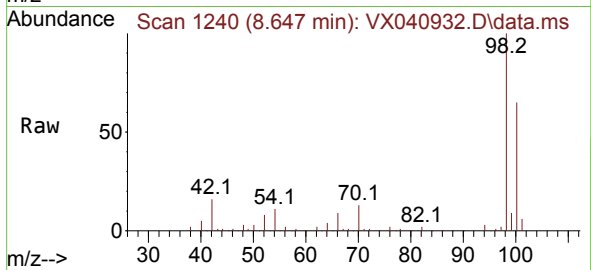




#50
Toluene-d8
Concen: 49.021 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

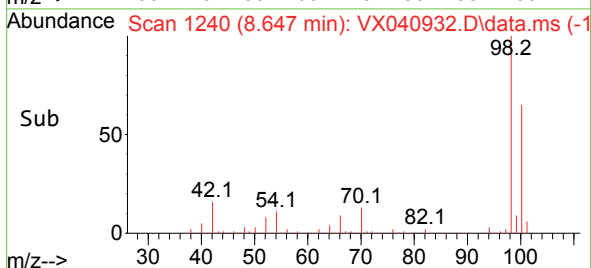
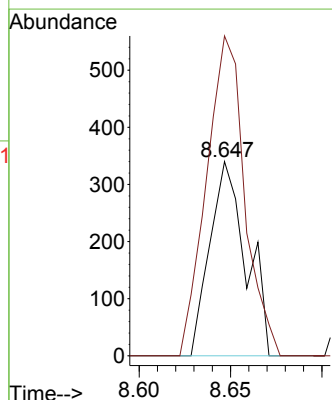
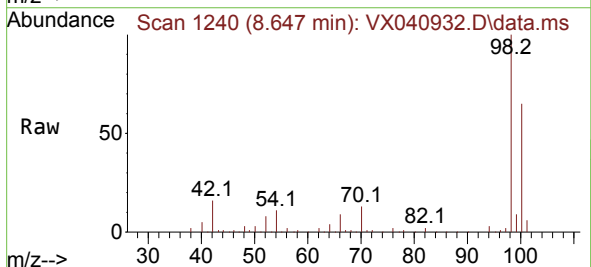
Instrument :
MSVOA_X
ClientSampleId :
50313

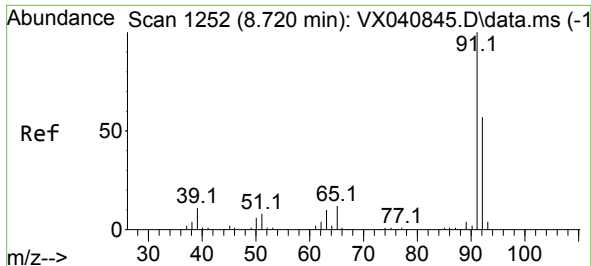
Tgt Ion: 98 Resp: 87522
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.532 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

Tgt Ion: 43 Resp: 470
Ion Ratio Lower Upper
43 100
58 173.6 30.4 45.6#

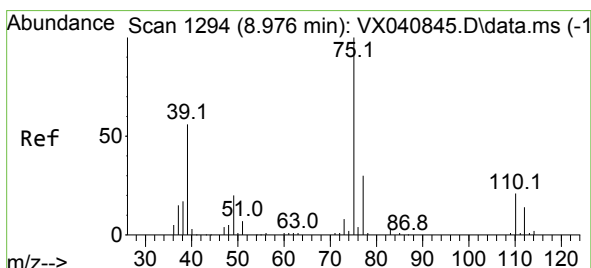
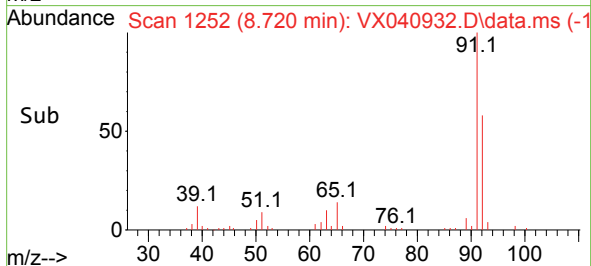
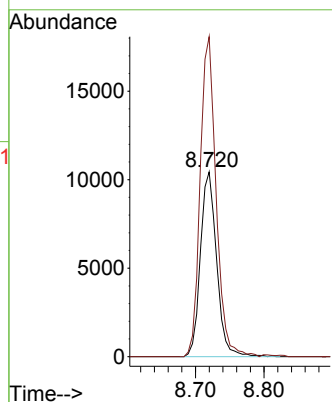
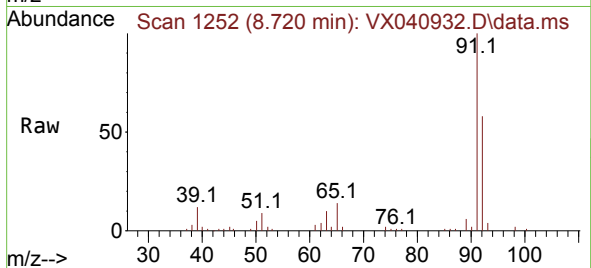




#52
Toluene
Concen: 14.011 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

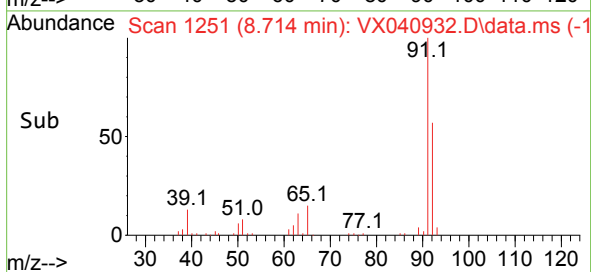
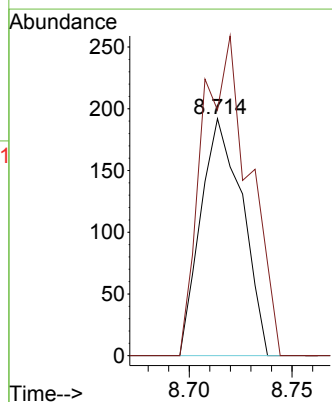
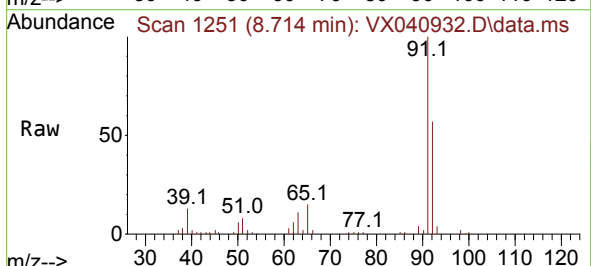
Instrument :
MSVOA_X
ClientSampleId :
50313

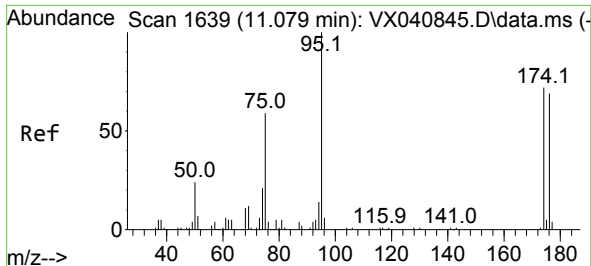
Tgt Ion: 92 Resp: 17227
Ion Ratio Lower Upper
92 100
91 170.0 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 1.083 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.262 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

Tgt Ion: 75 Resp: 271
Ion Ratio Lower Upper
75 100
77 103.6 25.7 38.5#

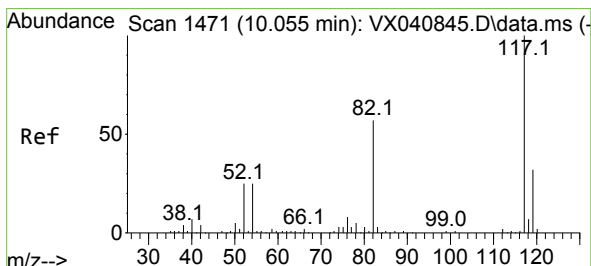
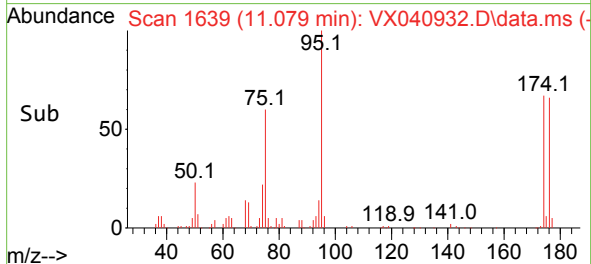
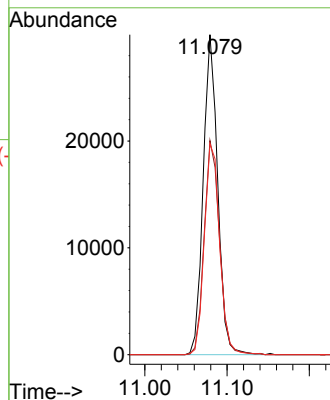
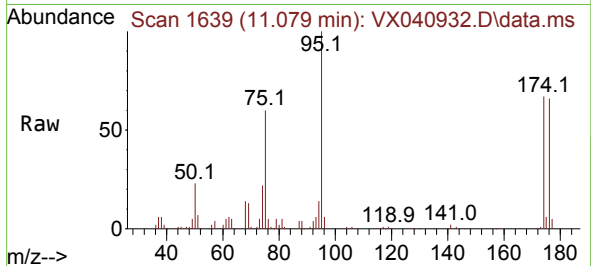




#62
4-Bromofluorobenzene
Concen: 51.430 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

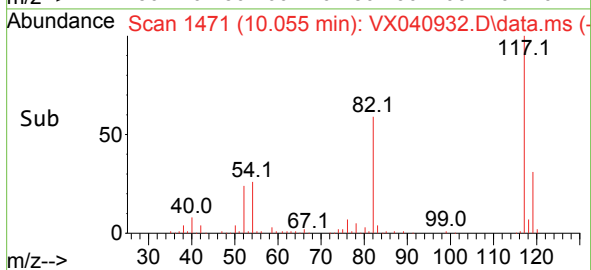
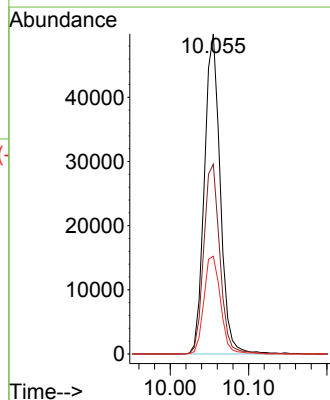
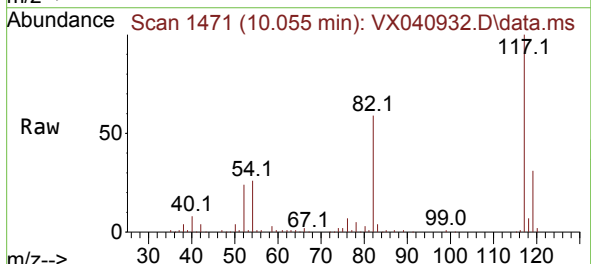
Instrument :
MSVOA_X
ClientSampleId :
50313

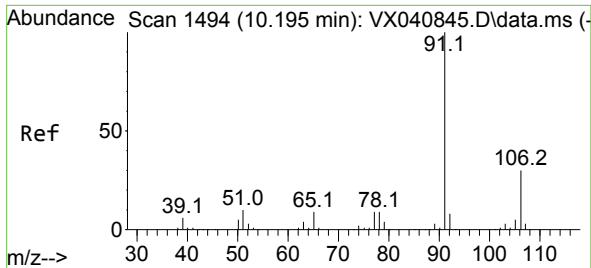
Tgt Ion: 95 Resp: 36669
Ion Ratio Lower Upper
95 100
174 70.7 0.0 135.6
176 69.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

Tgt Ion: 117 Resp: 69963
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.4
119 30.5 25.5 38.3

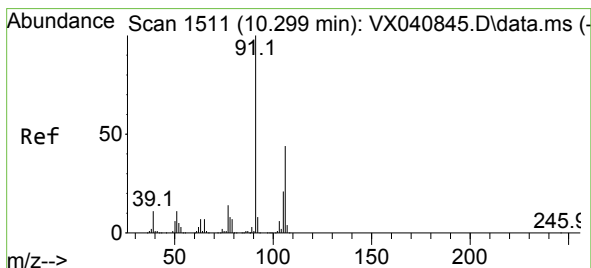
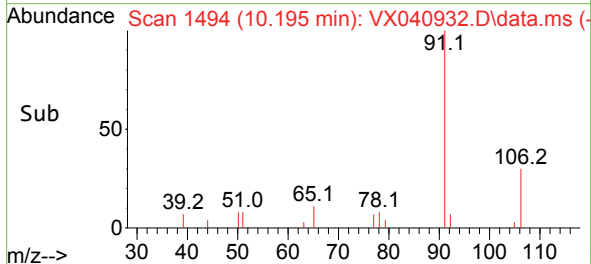
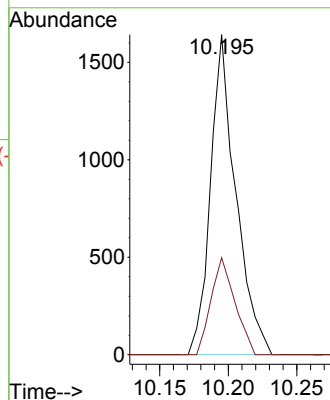
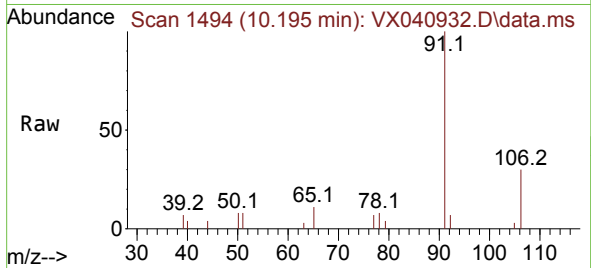




#67
Ethyl Benzene
Concen: 0.773 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

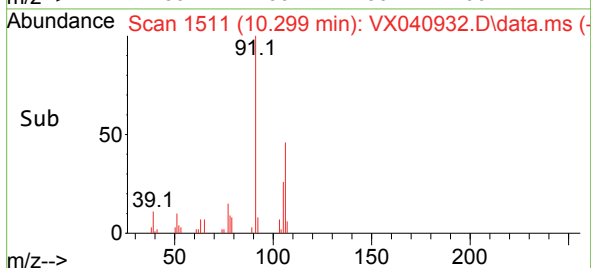
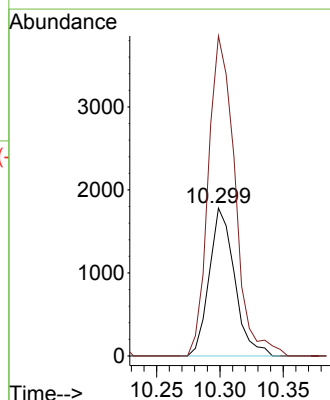
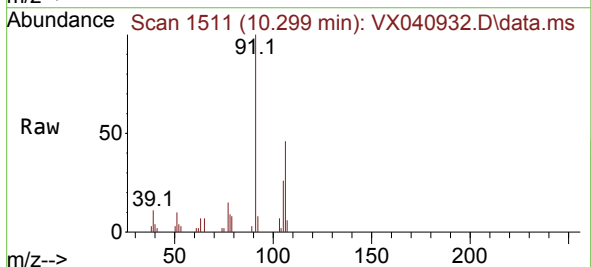
Instrument :
MSVOA_X
ClientSampleId :
50313

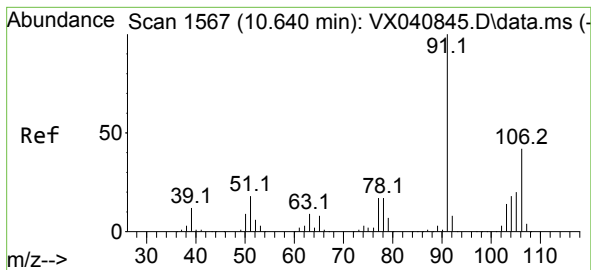
Tgt Ion: 91 Resp: 2108
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3



#68
m/p-Xylenes
Concen: 2.502 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

Tgt Ion: 106 Resp: 2484
Ion Ratio Lower Upper
106 100
91 227.1 165.5 248.3





#69

o-Xylene

Concen: 1.332 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040932.D

Acq: 08 Apr 2024 16:08

Instrument :

MSVOA_X

ClientSampleId :

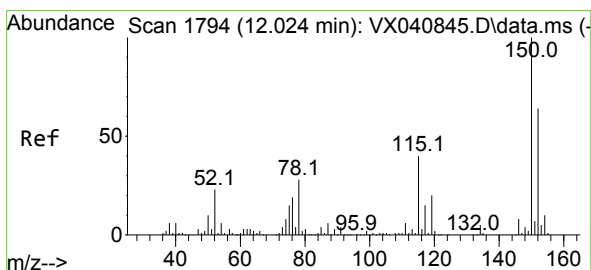
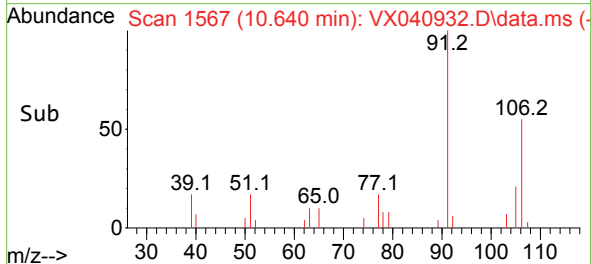
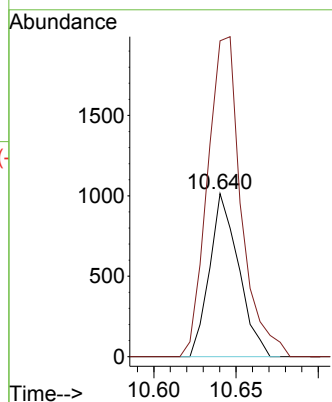
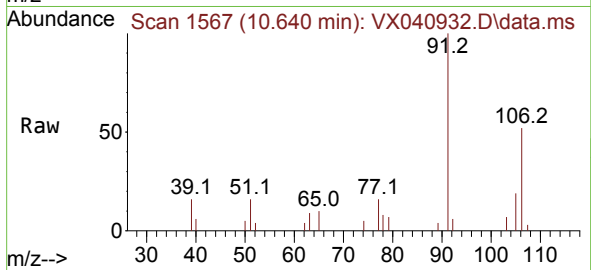
50313

Tgt Ion:106 Resp: 1246

Ion Ratio Lower Upper

106 100

91 227.8 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX040932.D

Acq: 08 Apr 2024 16:08

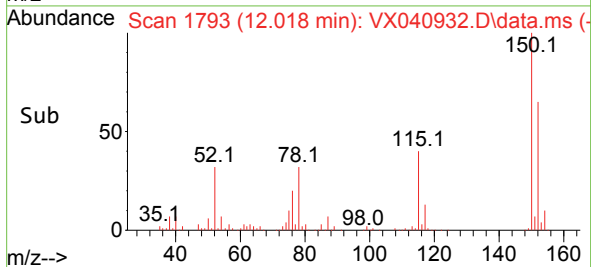
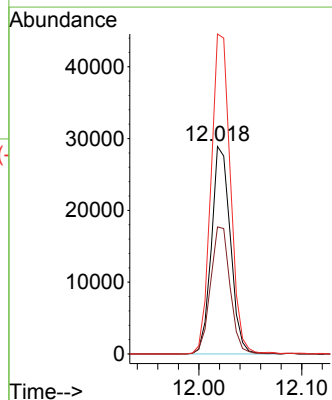
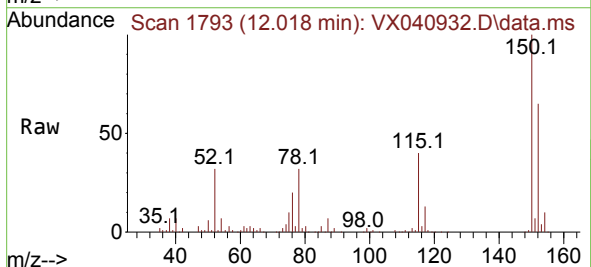
Tgt Ion:152 Resp: 36956

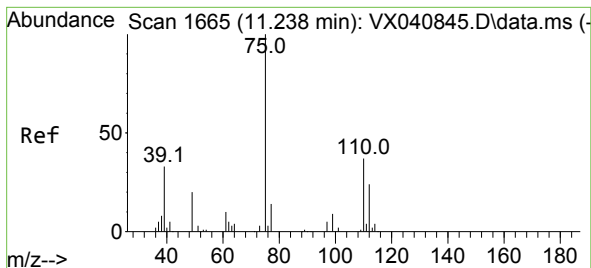
Ion Ratio Lower Upper

152 100

115 63.2 43.3 129.9

150 158.4 0.0 345.0

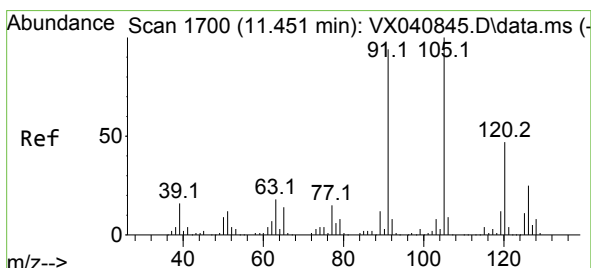
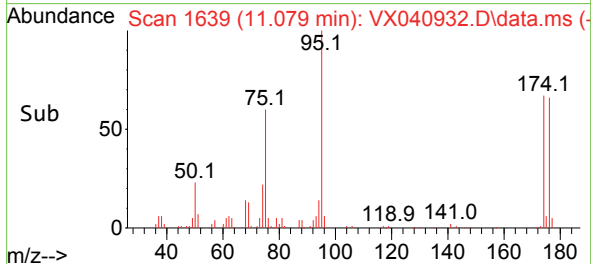
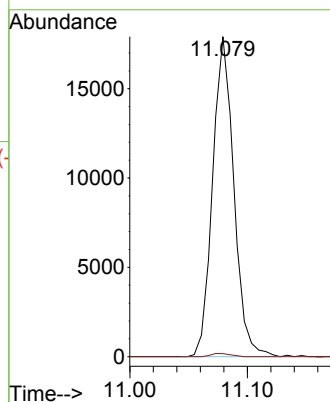
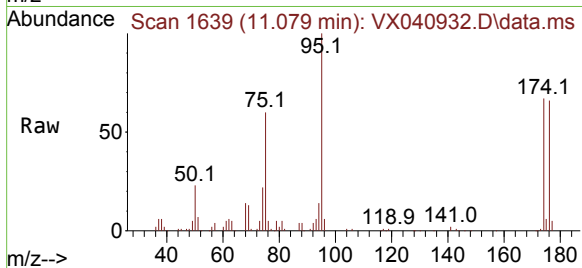




#76
1,2,3-Trichloropropane
Concen: 28.508 ug/l
RT: 11.079 min Scan# 110
Delta R.T. -0.158 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

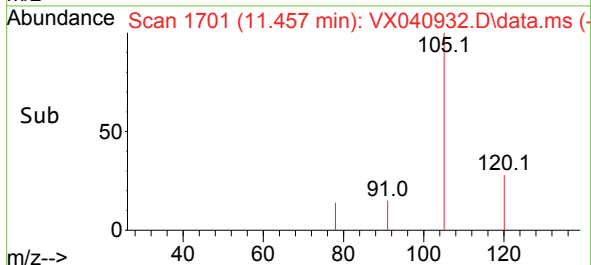
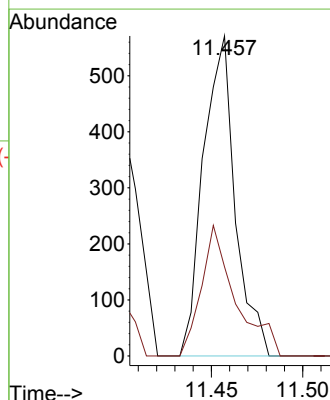
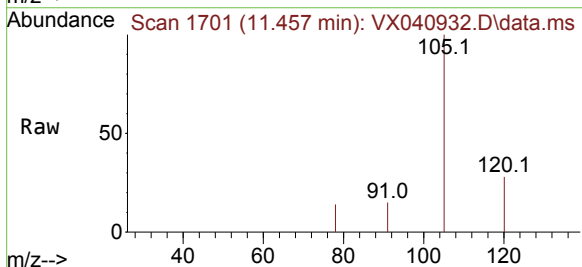
Instrument :
MSVOA_X
ClientSampleId :
50313

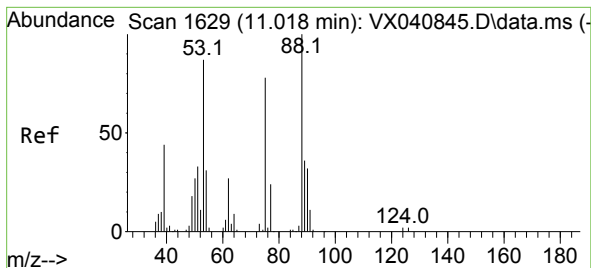
Tgt Ion: 75 Resp: 22466
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.314 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

Tgt Ion: 105 Resp: 692
Ion Ratio Lower Upper
105 100
120 43.9 24.1 72.3

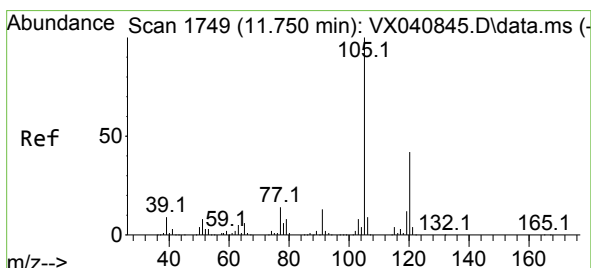
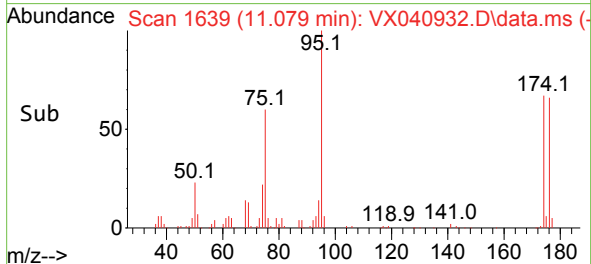
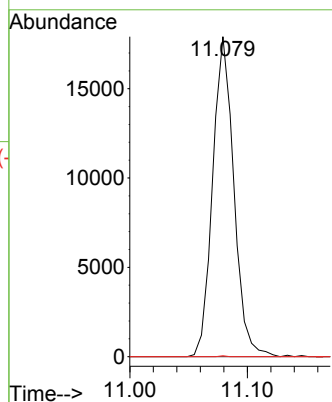
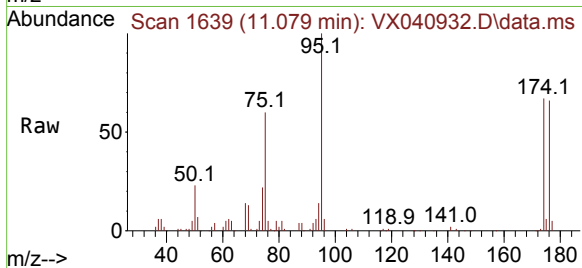




#81
trans-1,4-Dichloro-2-butene
Concen: 76.916 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

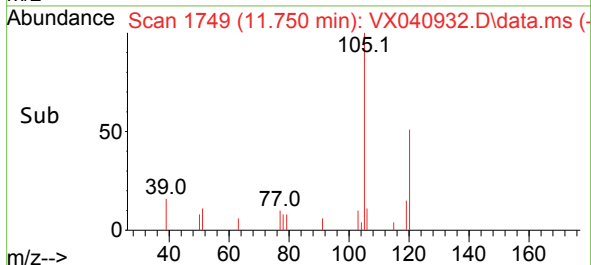
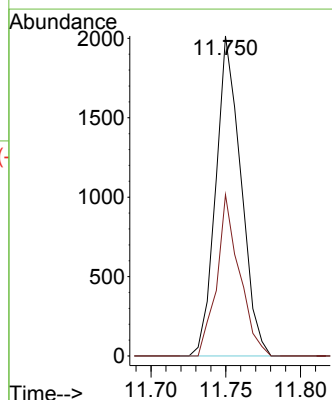
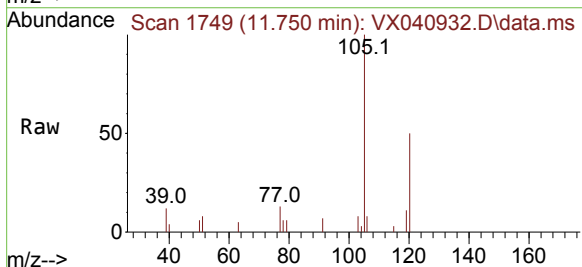
Instrument :
MSVOA_X
ClientSampleId :
50313

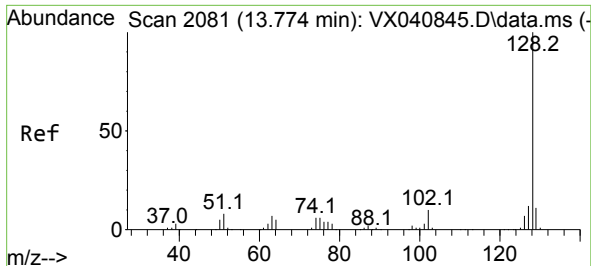
Tgt Ion: 75 Resp: 22466
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 1.060 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040932.D
Acq: 08 Apr 2024 16:08

Tgt Ion: 105 Resp: 2353
Ion Ratio Lower Upper
105 100
120 45.4 21.2 63.6





#95

Naphthalene

Concen: 0.621 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX040932.D

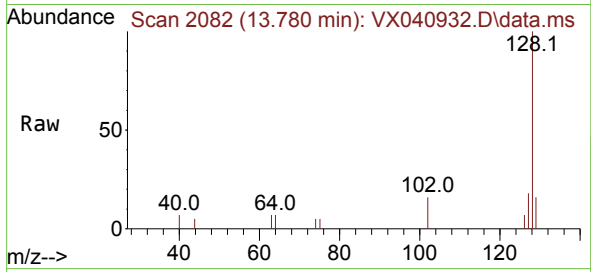
Acq: 08 Apr 2024 16:08

Instrument :

MSVOA_X

ClientSampleId :

50313



Tgt Ion:128 Resp: 1662

Ion Ratio Lower Upper

128 100

127 10.4 10.3 15.5

129 10.0 8.8 13.2

