

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040524\
 Data File : VX040888.D
 Acq On : 05 Apr 2024 09:14
 Operator : JC/MD
 Sample : VX0405MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405MBL01

Quant Time: Apr 05 23:14:55 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)

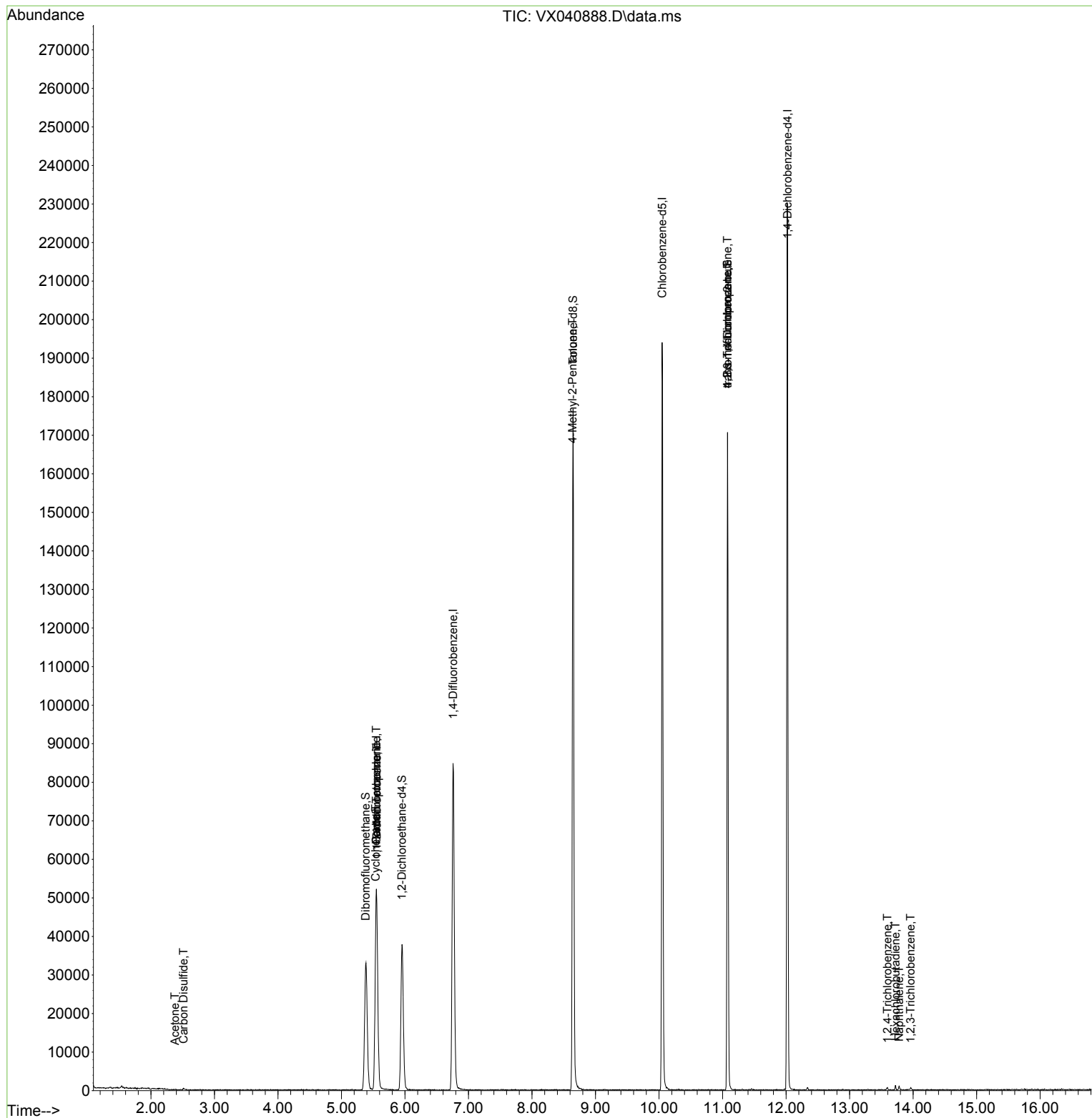
Internal Standards						
1) Pentafluorobenzene	5.549	168	45713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	82348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	81154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	39920	48.670	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.340%		
35) Dibromofluoromethane	5.379	113	28316	48.547	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.100%		
50) Toluene-d8	8.646	98	103375	49.048	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.100%		
62) 4-Bromofluorobenzene	11.079	95	42769	50.814	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.620%		
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	107	0.336	ug/l #	47
17) Carbon Disulfide	2.513	76	365	0.247	ug/l #	76
31) Cyclohexane	5.537	56	1239	1.424	ug/l #	47
36) 1,1-Dichloropropene	5.556	75	4399	5.308	ug/l #	52
38) Carbon Tetrachloride	5.549	117	5092	5.550	ug/l #	17
51) 4-Methyl-2-Pentanone	8.640	43	647	0.621	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	25309	27.563	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	25309	74.365	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	313	0.323	ug/l	69
94) Hexachlorobutadiene	13.725	225	214	0.577	ug/l #	78
95) Naphthalene	13.780	128	1003	0.322	ug/l #	88
96) 1,2,3-Trichlorobenzene	13.963	180	228	0.247	ug/l	81

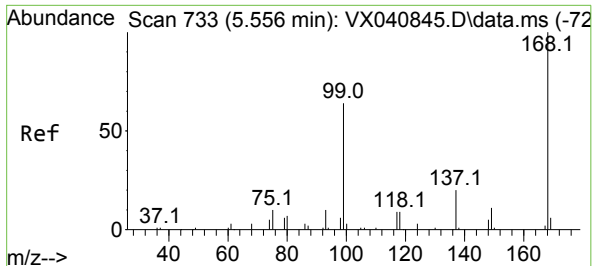
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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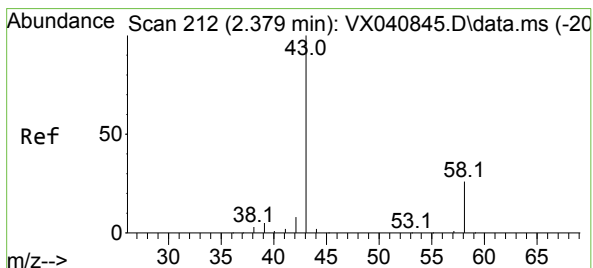
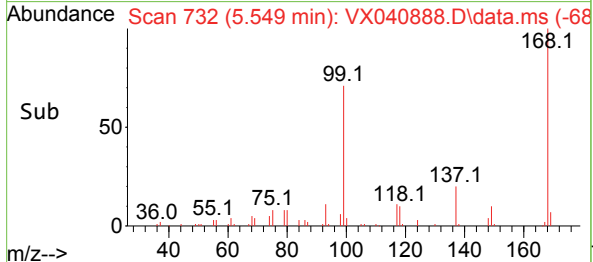
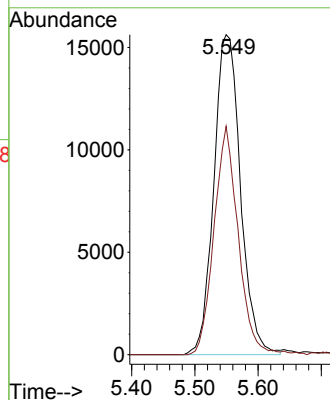
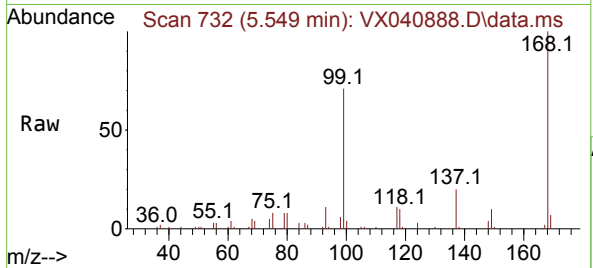




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX040888.D
Acq: 05 Apr 2024 09:14

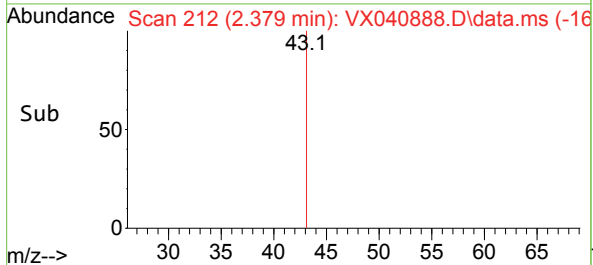
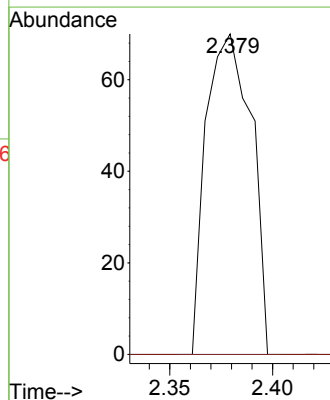
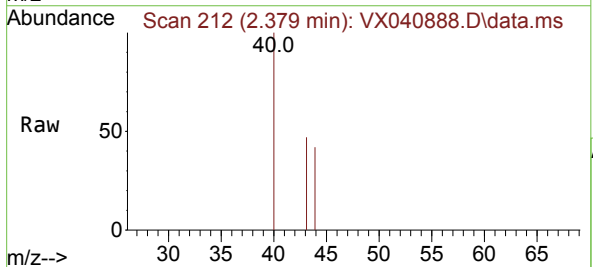
Instrument : MSVOA_X
ClientSampleId : VX0405MBL01

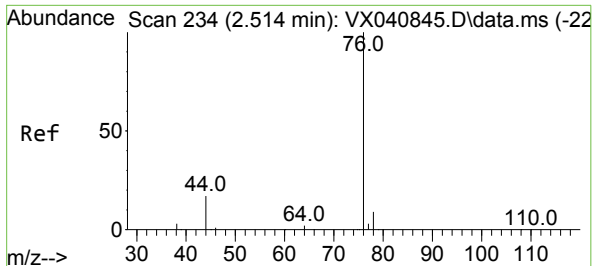
Tgt Ion:168 Resp: 45713
Ion Ratio Lower Upper
168 100
99 71.4 56.6 85.0



#16
Acetone
Concen: 0.336 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040888.D
Acq: 05 Apr 2024 09:14

Tgt Ion: 43 Resp: 107
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#

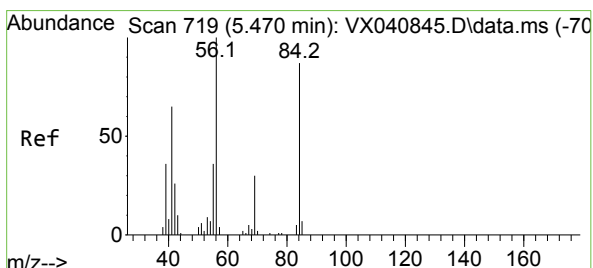
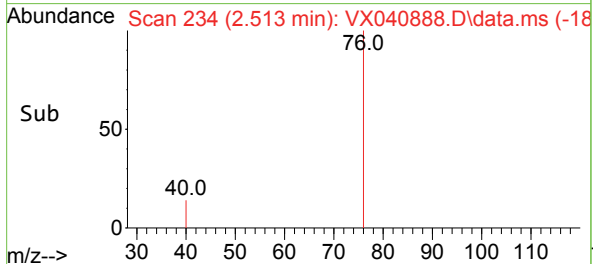
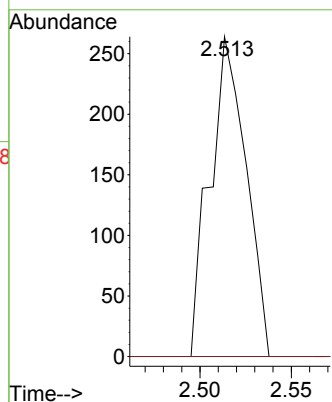
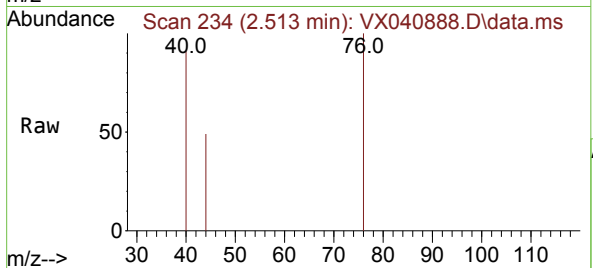




#17
Carbon Disulfide
Concen: 0.247 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040888.D
Acq: 05 Apr 2024 09:14

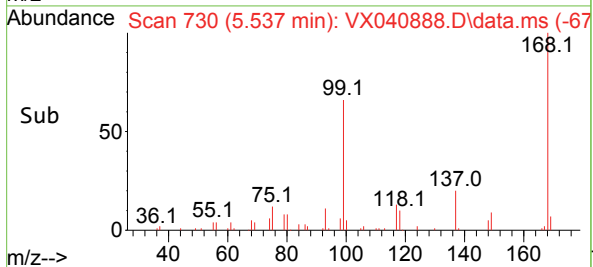
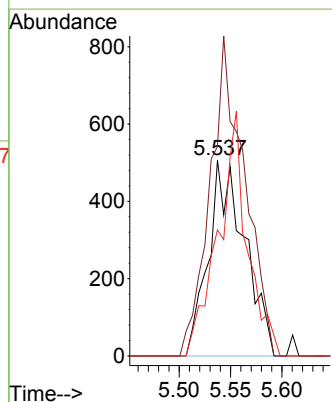
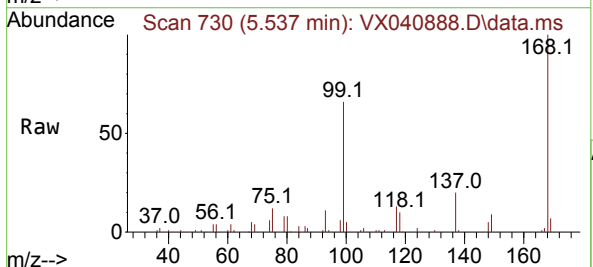
Instrument :
MSVOA_X
ClientSampleId :
VX0405MBL01

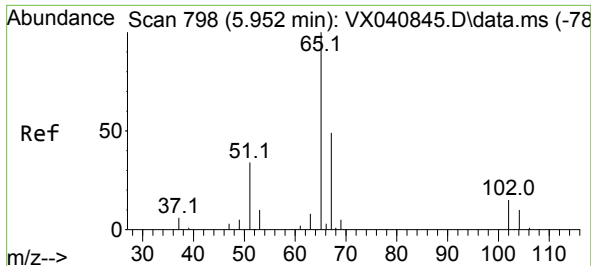
Tgt Ion: 76 Resp: 365
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#31
Cyclohexane
Concen: 1.424 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.067 min
Lab File: VX040888.D
Acq: 05 Apr 2024 09:14

Tgt Ion: 56 Resp: 1239
Ion Ratio Lower Upper
56 100
69 106.9 23.4 35.2#
84 64.3 65.9 98.9#

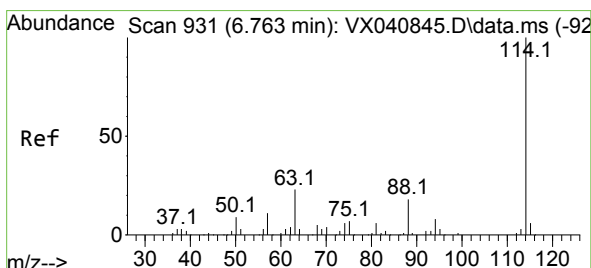
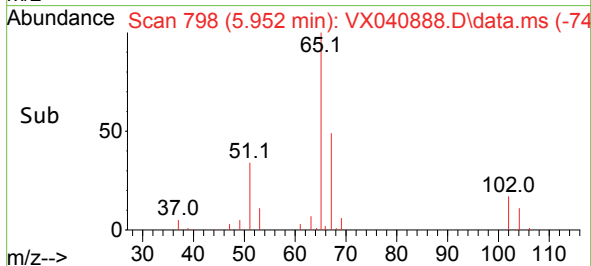
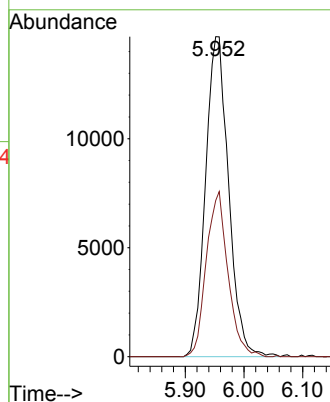
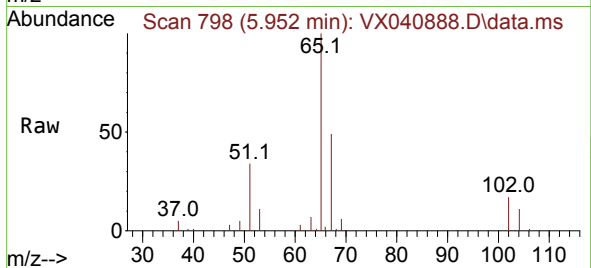




#33
 1,2-Dichloroethane-d4
 Concen: 48.670 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX040888.D
 Acq: 05 Apr 2024 09:14

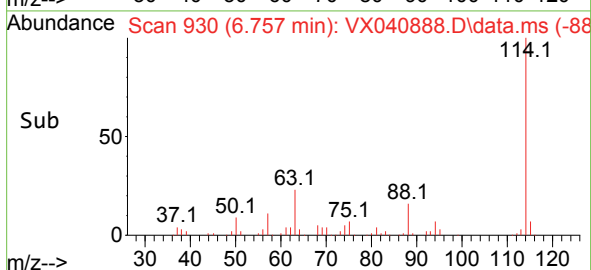
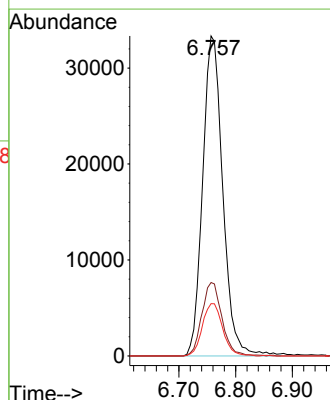
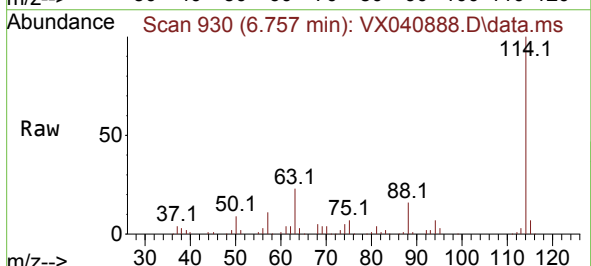
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405MBL01

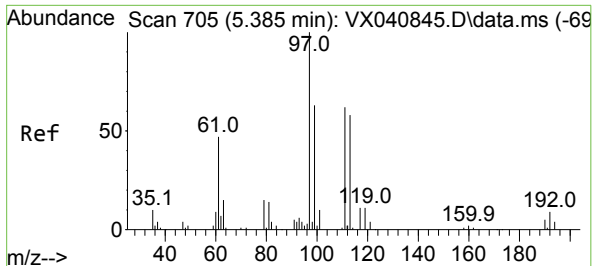
Tgt Ion: 65 Resp: 39920
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX040888.D
 Acq: 05 Apr 2024 09:14

Tgt Ion: 114 Resp: 82348
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.0
 88 16.3 0.0 36.6

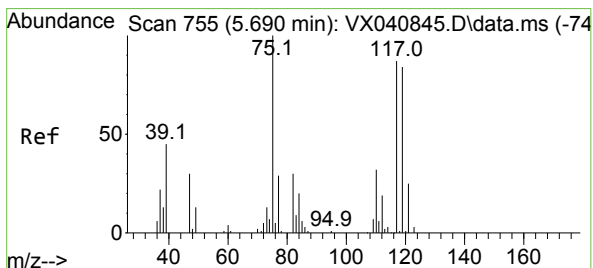
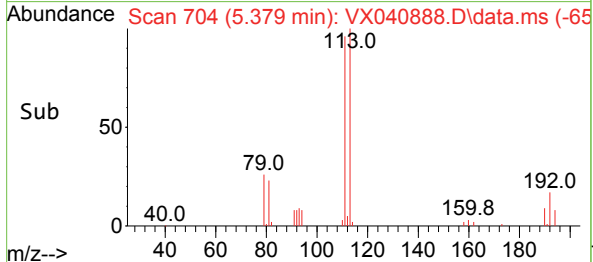
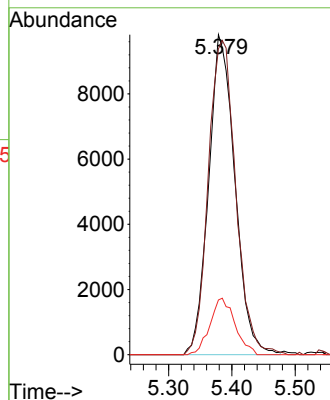
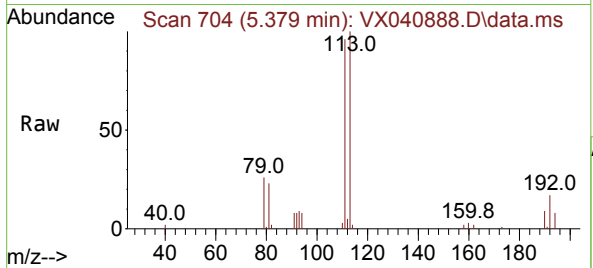




#35
Dibromofluoromethane
Concen: 48.547 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX040888.D
Acq: 05 Apr 2024 09:14

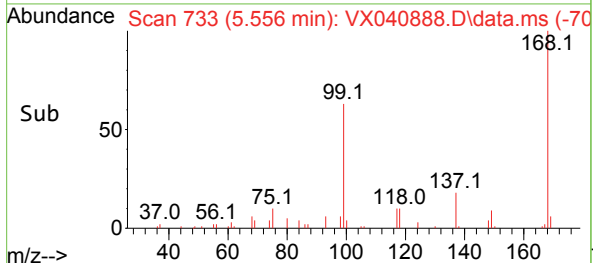
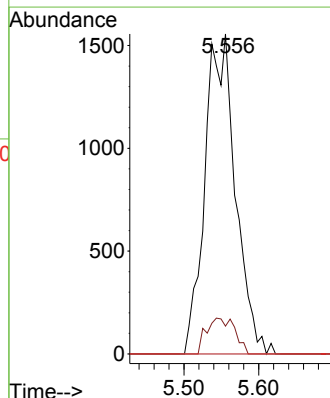
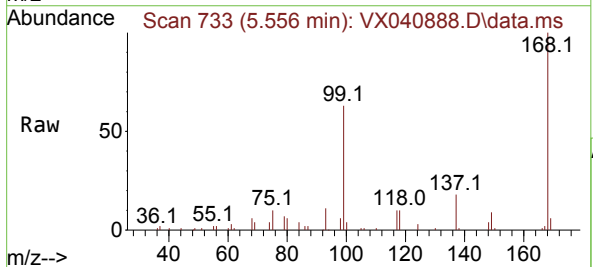
Instrument :
MSVOA_X
ClientSampleId :
VX0405MBL01

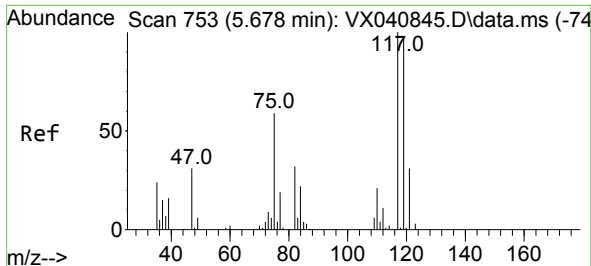
Tgt Ion:113 Resp: 28316
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 16.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.308 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX040888.D
Acq: 05 Apr 2024 09:14

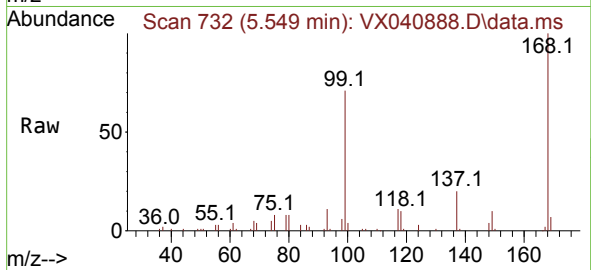
Tgt Ion: 75 Resp: 4399
Ion Ratio Lower Upper
75 100
110 10.5 17.0 50.9#
77 0.0 24.7 37.1#



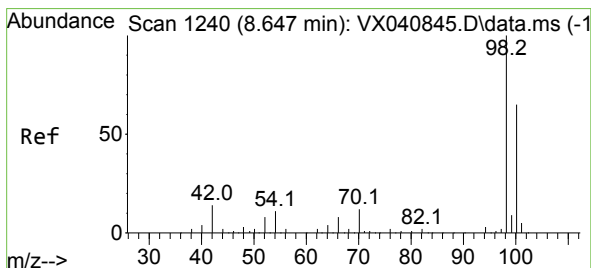
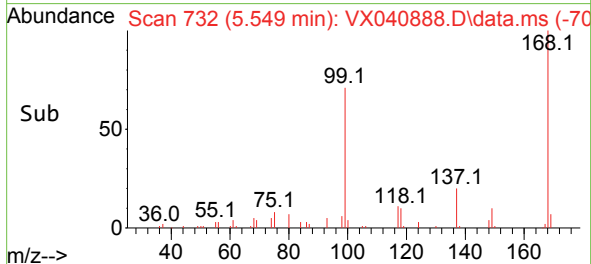
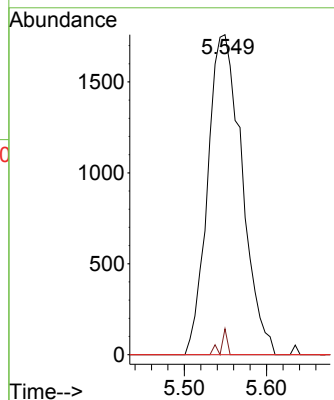


#38
Carbon Tetrachloride
Concen: 5.550 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040888.D
Acq: 05 Apr 2024 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX0405MBL01

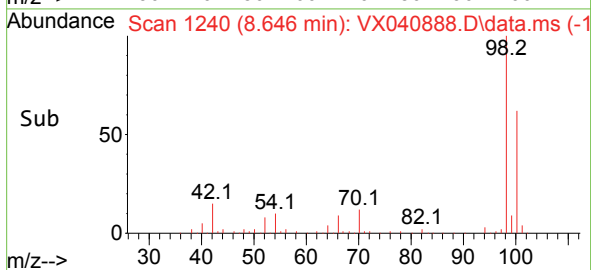
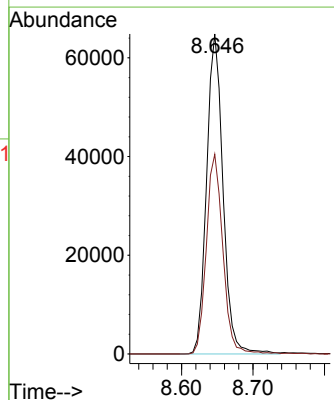
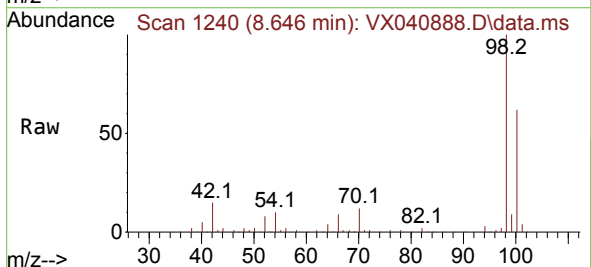


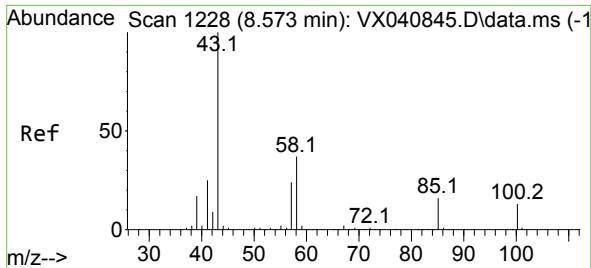
Tgt Ion:117 Resp: 5092
Ion Ratio Lower Upper
117 100
119 8.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.048 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040888.D
Acq: 05 Apr 2024 09:14

Tgt Ion: 98 Resp: 103375
Ion Ratio Lower Upper
98 100
100 62.8 53.1 79.7

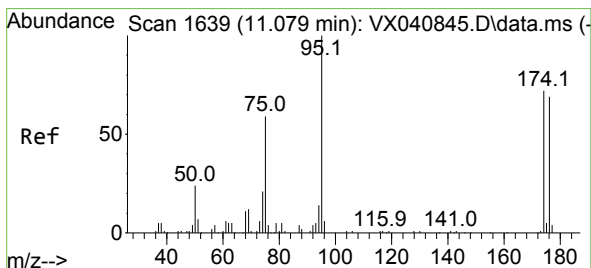
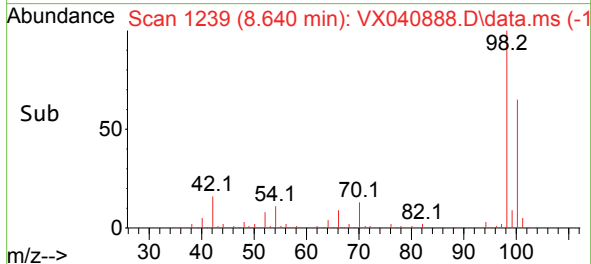
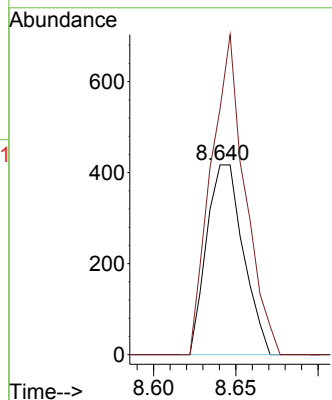
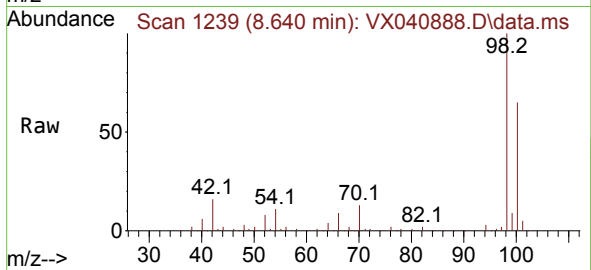




#51
4-Methyl-2-Pentanone
Concen: 0.621 ug/l
RT: 8.640 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX040888.D
Acq: 05 Apr 2024 09:14

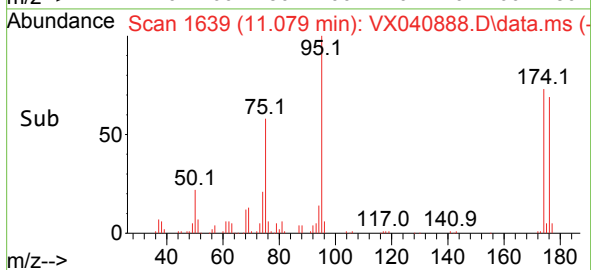
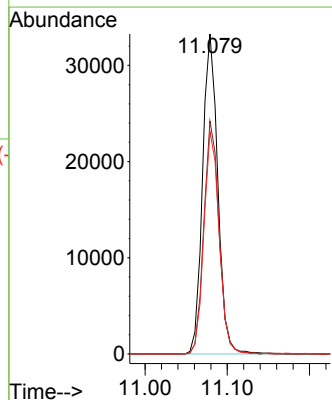
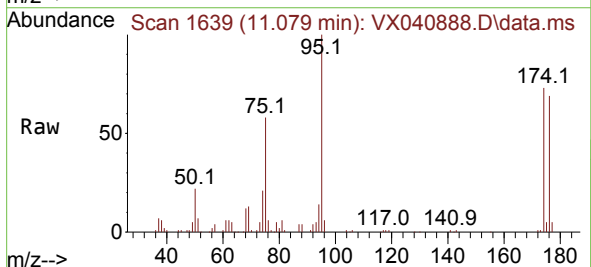
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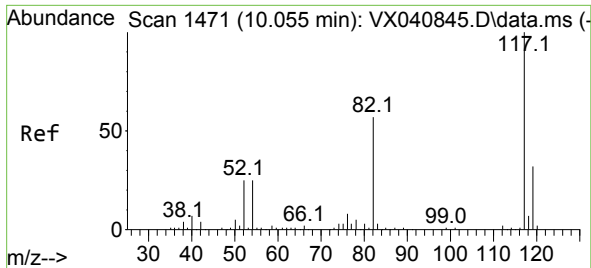
Tgt Ion: 43 Resp: 647
Ion Ratio Lower Upper
43 100
58 156.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.814 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040888.D
Acq: 05 Apr 2024 09:14

Tgt Ion: 95 Resp: 42769
Ion Ratio Lower Upper
95 100
174 72.9 0.0 135.6
176 69.6 0.0 131.0

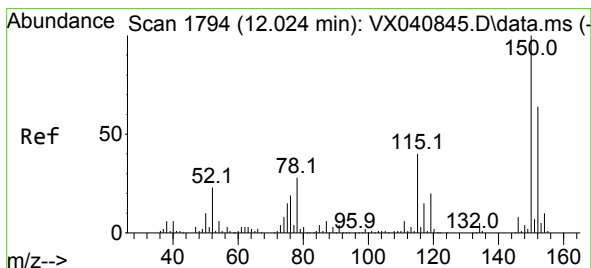
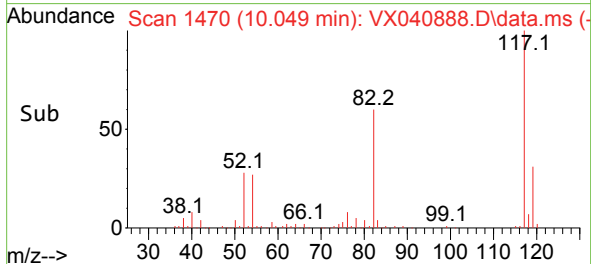
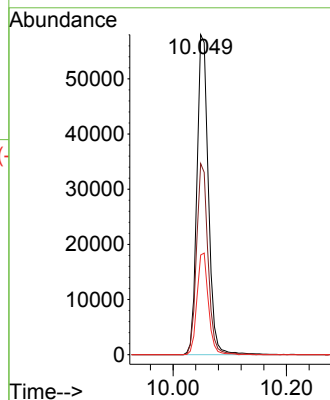
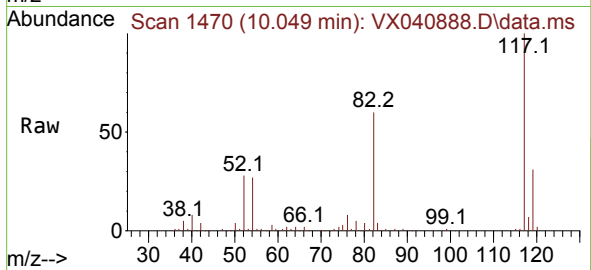




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX040888.D
Acq: 05 Apr 2024 09:14

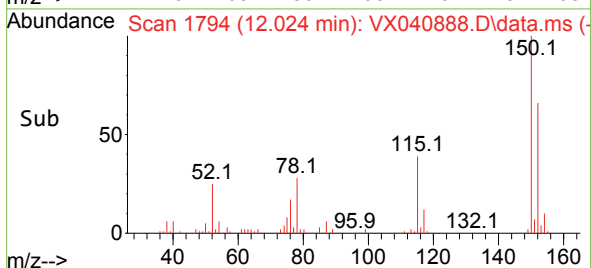
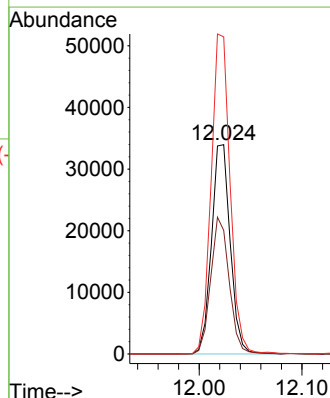
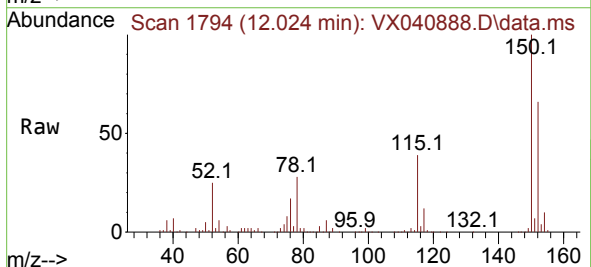
Instrument :
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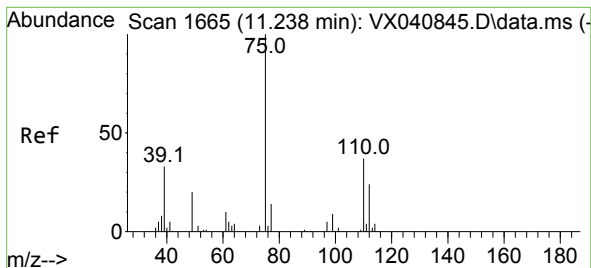
Tgt Ion:117 Resp: 81154
Ion Ratio Lower Upper
117 100
82 59.7 46.2 69.4
119 31.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX040888.D
Acq: 05 Apr 2024 09:14

Tgt Ion:152 Resp: 43061
Ion Ratio Lower Upper
152 100
115 64.1 43.3 129.9
150 154.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.563 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040888.D

Acq: 05 Apr 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

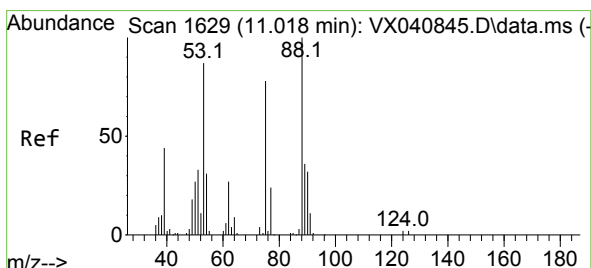
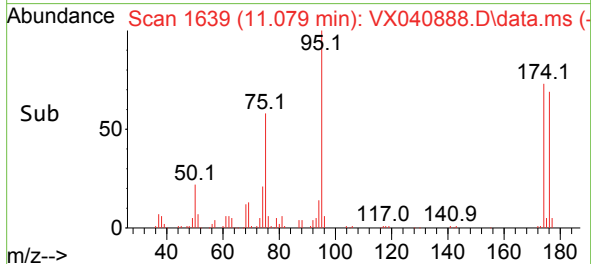
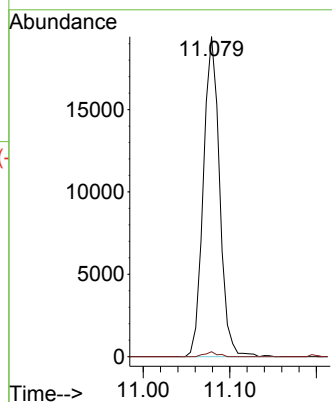
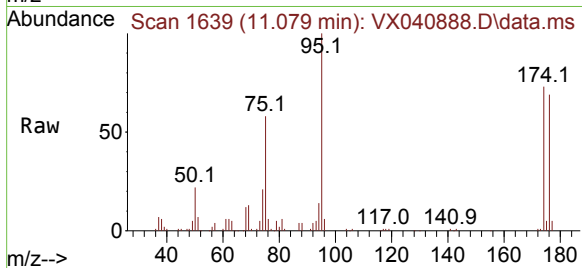
VX0405MBL01

Tgt Ion: 75 Resp: 25309

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.365 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040888.D

Acq: 05 Apr 2024 09:14

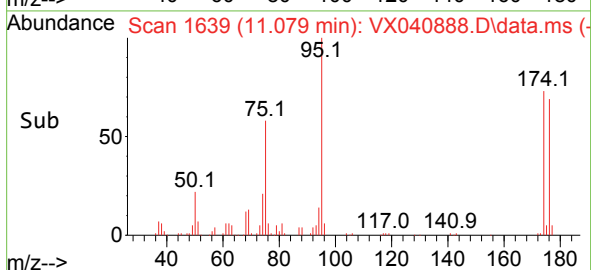
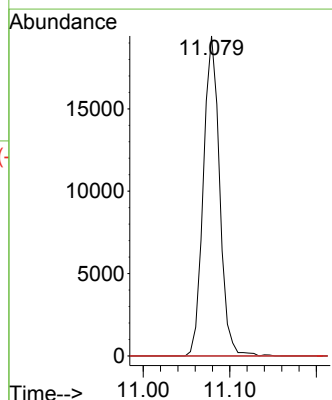
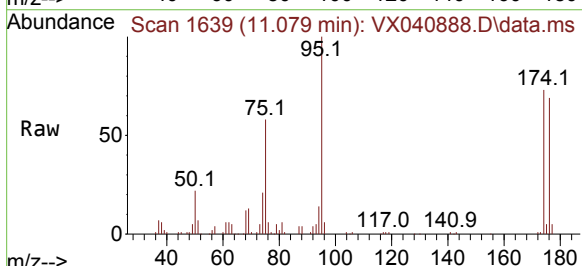
Tgt Ion: 75 Resp: 25309

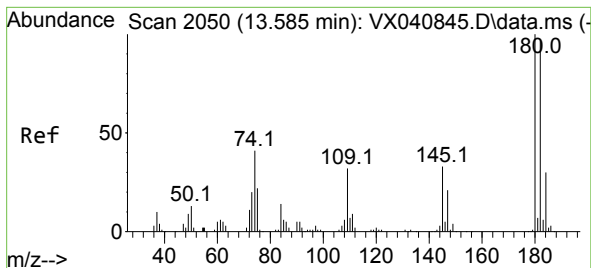
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.323 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX040888.D

Acq: 05 Apr 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

VX0405MBL01

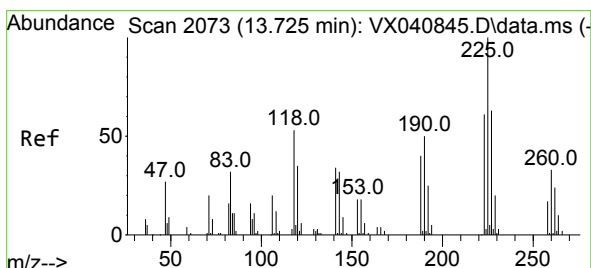
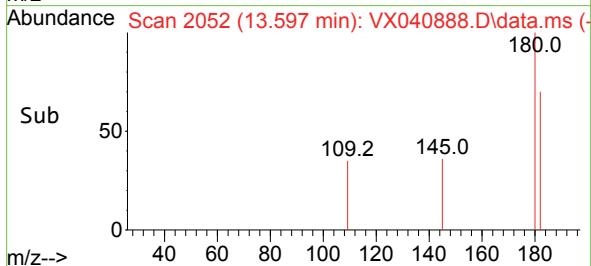
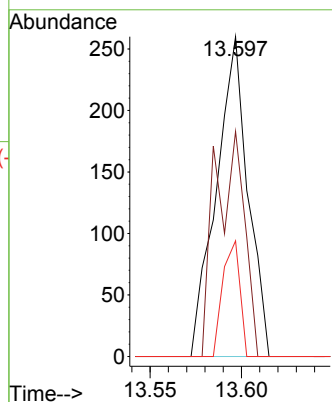
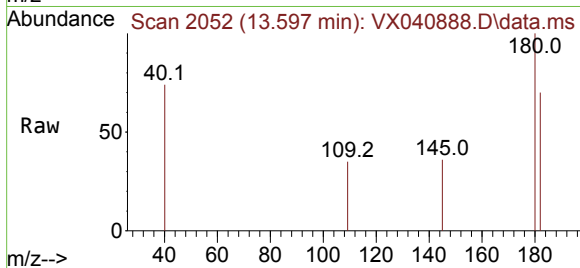
Tgt Ion:180 Resp: 313

Ion Ratio Lower Upper

180 100

182 64.5 48.3 144.8

145 19.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.577 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040888.D

Acq: 05 Apr 2024 09:14

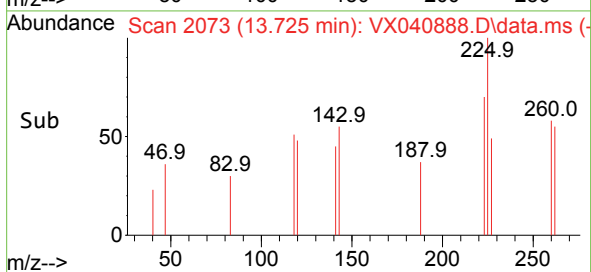
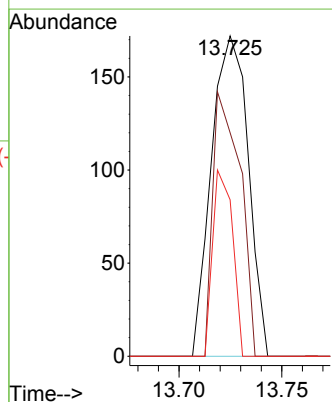
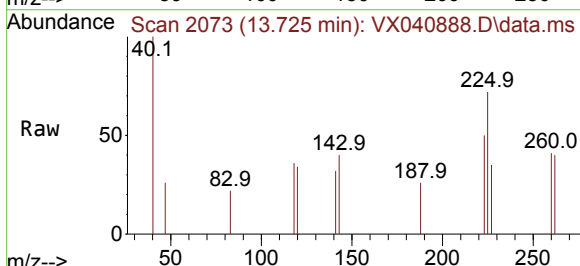
Tgt Ion:225 Resp: 214

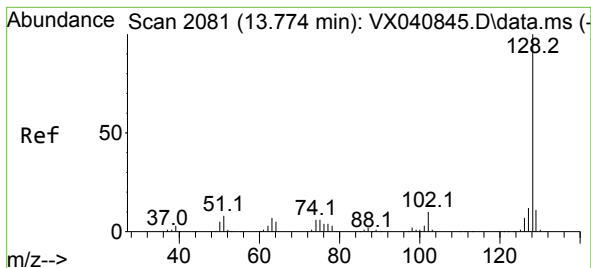
Ion Ratio Lower Upper

225 100

223 61.7 31.1 93.2

227 31.3 32.5 97.5#





#95

Naphthalene

Concen: 0.322 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX040888.D

Acq: 05 Apr 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

VX0405MBL01

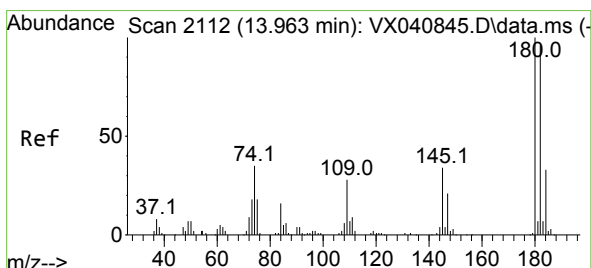
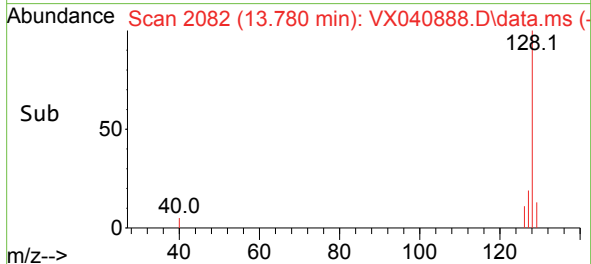
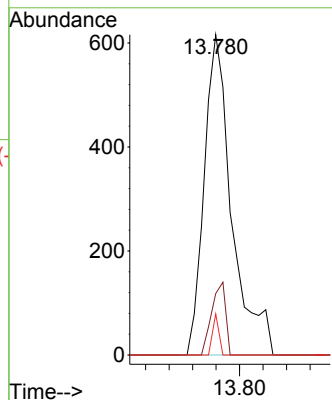
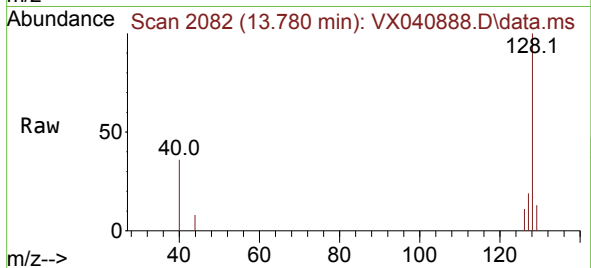
Tgt Ion:128 Resp: 1003

Ion Ratio Lower Upper

128 100

127 11.4 10.3 15.5

129 2.9 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.247 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040888.D

Acq: 05 Apr 2024 09:14

Tgt Ion:180 Resp: 228

Ion Ratio Lower Upper

180 100

182 113.6 46.9 140.6

145 28.1 17.8 53.5

