

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012424\
 Data File : VX039928.D
 Acq On : 24 Jan 2024 11:58
 Operator : JC/MD
 Sample : P1199-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EC68-6W

Quant Time: Jan 25 01:36:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

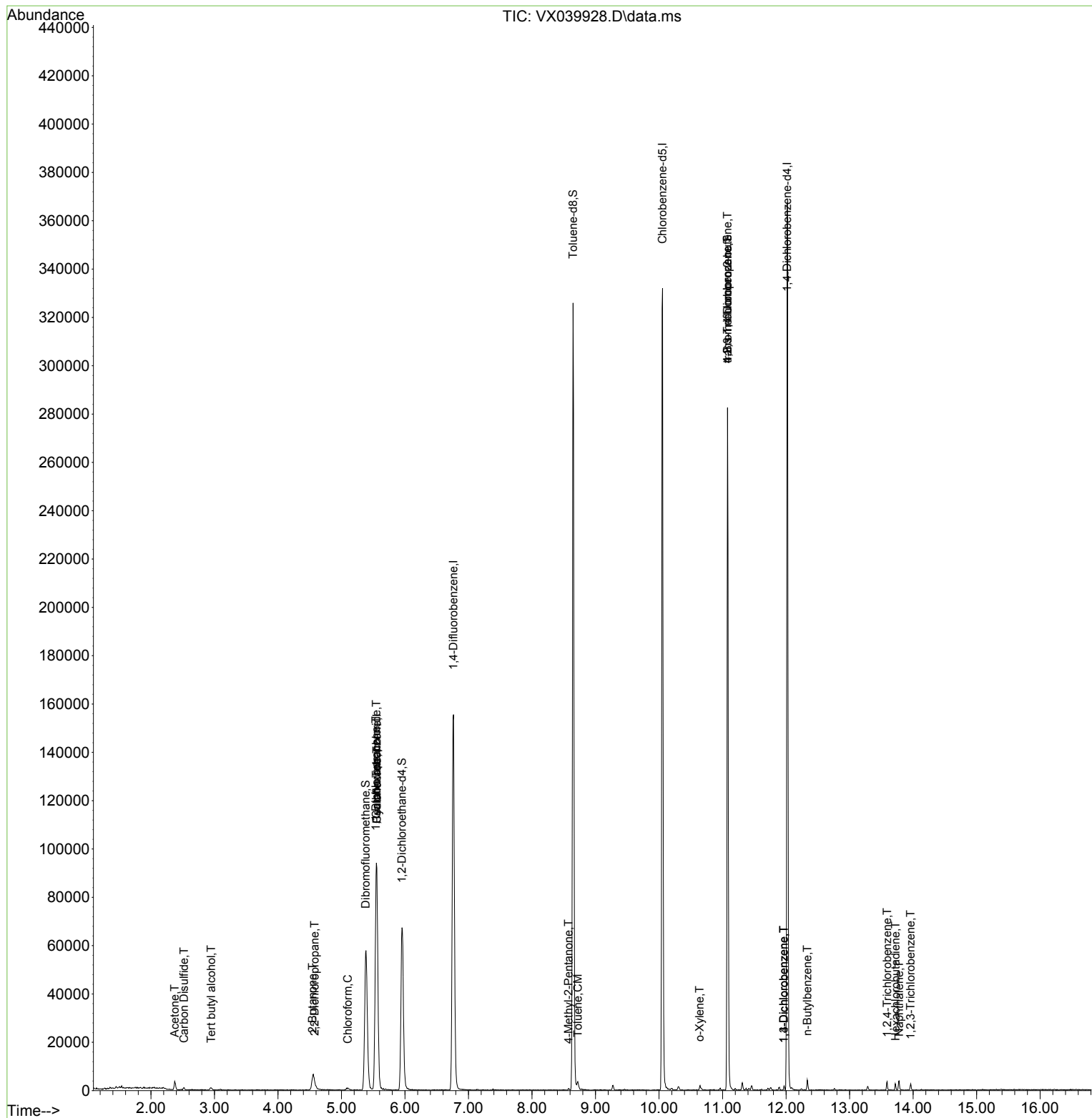
Internal Standards						
1) Pentafluorobenzene	5.556	168	82820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	150464	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67411	48.590	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.180%		
35) Dibromofluoromethane	5.379	113	50179	49.514	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.020%		
50) Toluene-d8	8.647	98	185765	48.601	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.200%		
62) 4-Bromofluorobenzene	11.079	95	72343	48.400	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.800%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	701	1.941	ug/l #	78
13) Acrolein	1.995	56	21	Below Cal	#	14
16) Acetone	2.373	43	3678	4.714	ug/l	93
17) Carbon Disulfide	2.520	76	1061	0.370	ug/l	95
25) 2-Butanone	4.544	43	408	0.364	ug/l #	51
26) 2,2-Dichloropropane	4.574	77	429	0.260	ug/l #	54
30) Chloroform	5.099	83	1141	0.561	ug/l #	76
31) Cyclohexane	5.556	56	2494	1.362	ug/l #	9
36) 1,1-Dichloropropene	5.544	75	7911	5.015	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9529	6.595	ug/l #	15
51) 4-Methyl-2-Pentanone	8.574	43	442	0.208	ug/l #	37
52) Toluene	8.720	92	1147	0.430	ug/l	99
69) o-Xylene	10.640	106	501	0.250	ug/l	74
76) 1,2,3-Trichloropropane	11.079	75	41798	23.300	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	41798	67.184	ug/l #	5
87) 1,3-Dichlorobenzene	11.963	146	604	0.257	ug/l	92
88) 1,4-Dichlorobenzene	11.963	146	604	0.249	ug/l	93
89) n-Butylbenzene	12.335	91	1451	0.324	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	876	0.617	ug/l	98
94) Hexachlorobutadiene	13.725	225	426	0.721	ug/l	91
95) Naphthalene	13.780	128	2620	0.501	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	670	0.467	ug/l	89

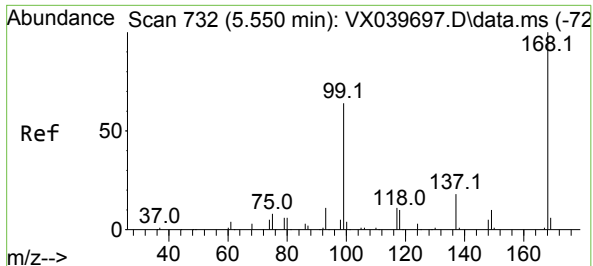
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
EC68-6W

Quant Time: Jan 25 01:36:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

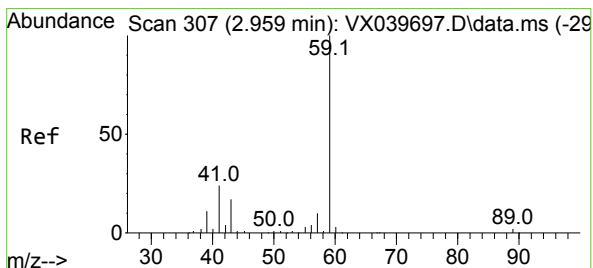
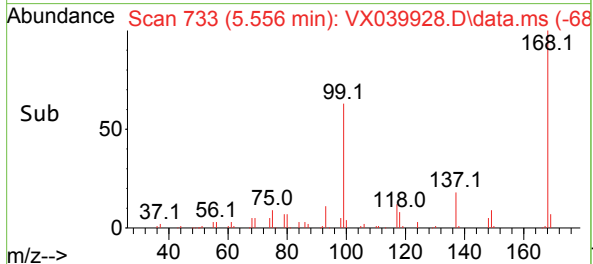
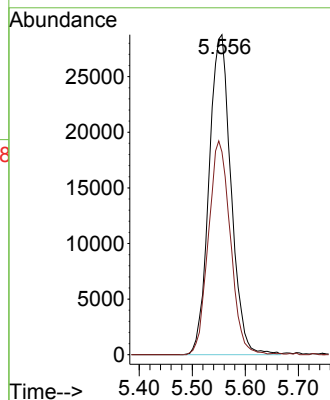
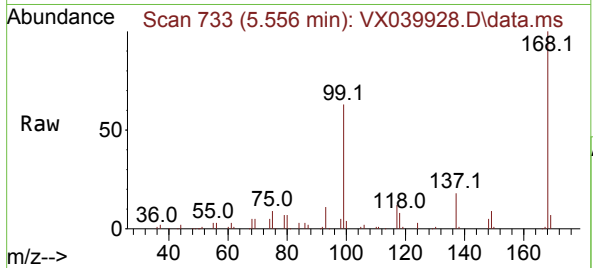




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

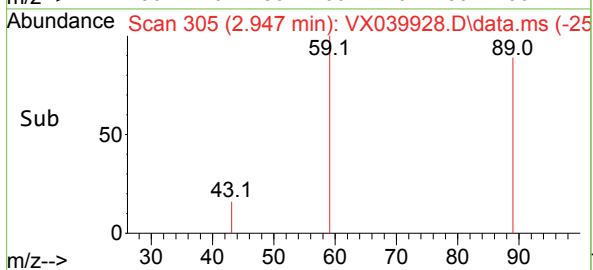
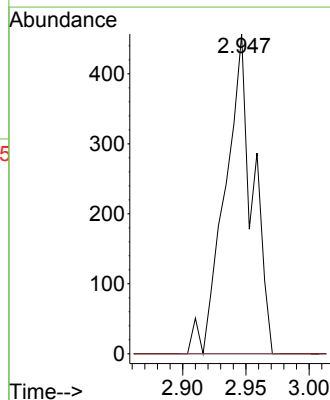
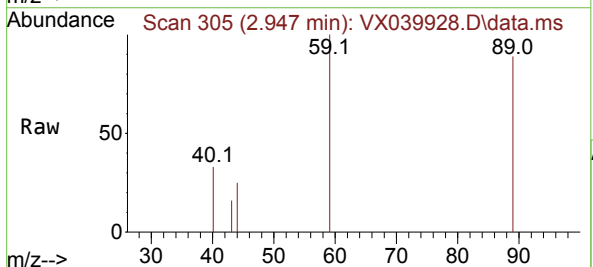
Instrument :
MSVOA_X
ClientSampleId :
EC68-6W

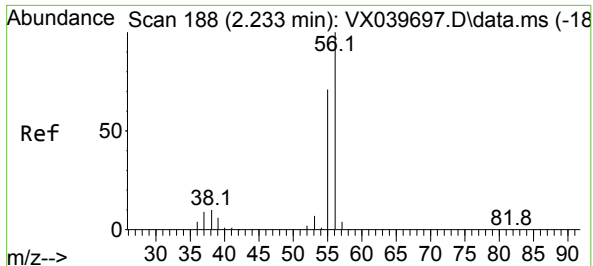
Tgt Ion:168 Resp: 82820
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.941 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

Tgt Ion: 59 Resp: 701
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

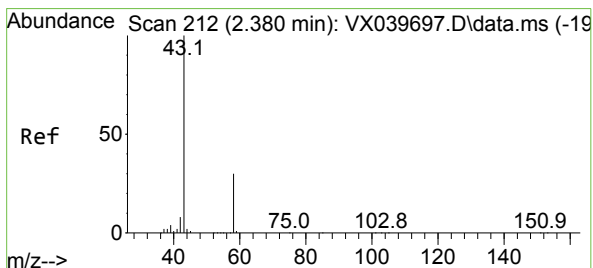
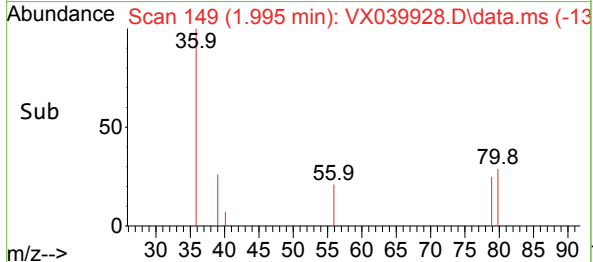
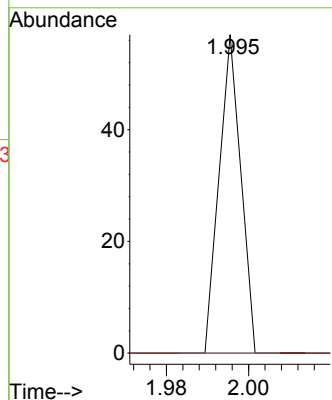
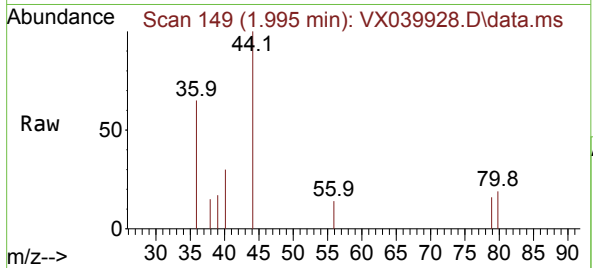




#13
Acrolein
Concen: Below Cal
RT: 1.995 min Scan# 14
Delta R.T. -0.238 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

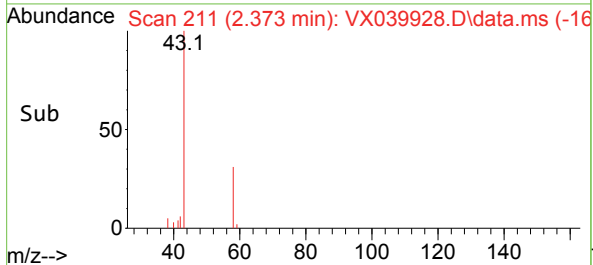
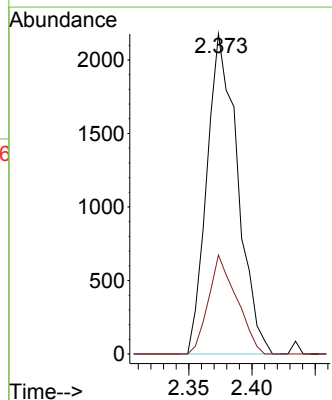
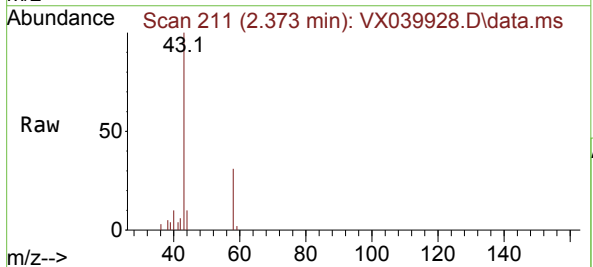
Instrument :
MSVOA_X
ClientSampleId :
EC68-6W

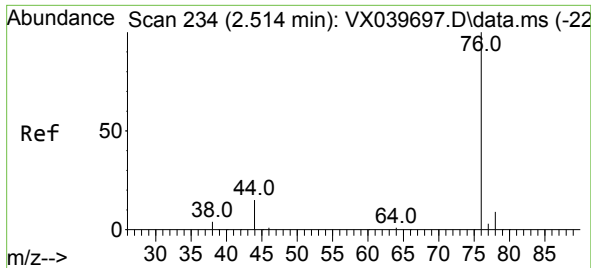
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 4.714 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

Tgt Ion: 43 Resp: 3678
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9

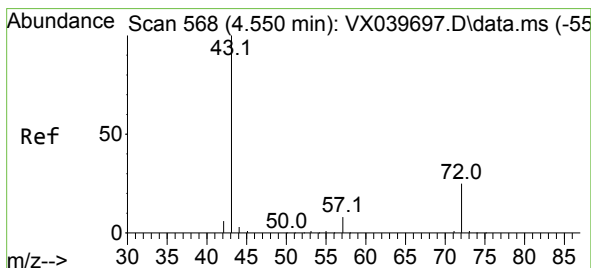
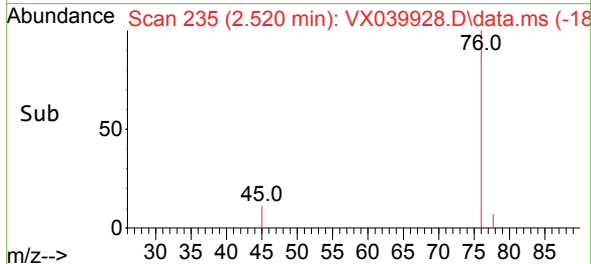
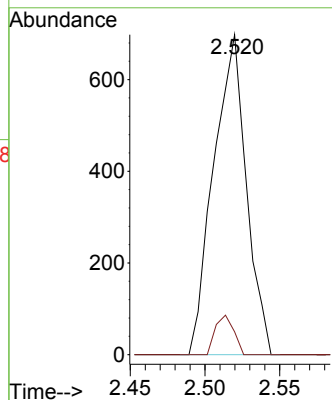
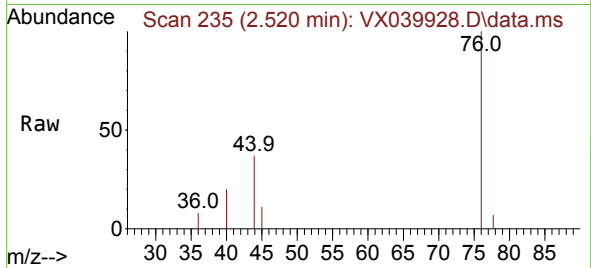




#17
Carbon Disulfide
Concen: 0.370 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

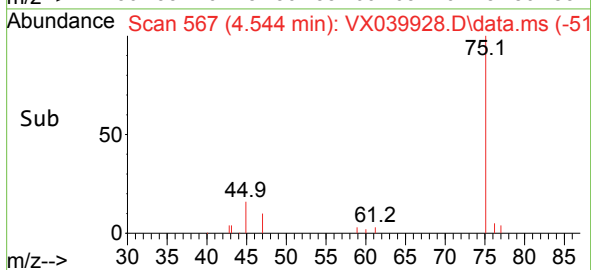
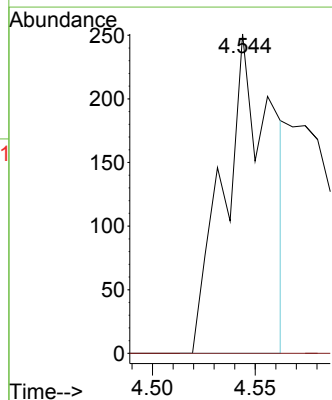
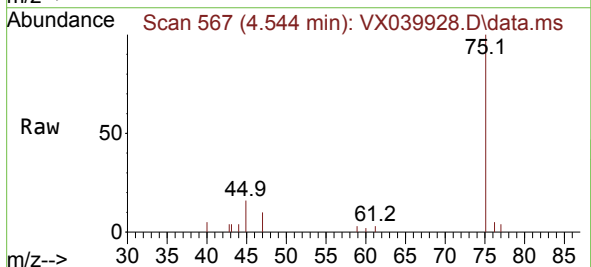
Instrument :
MSVOA_X
ClientSampleId :
EC68-6W

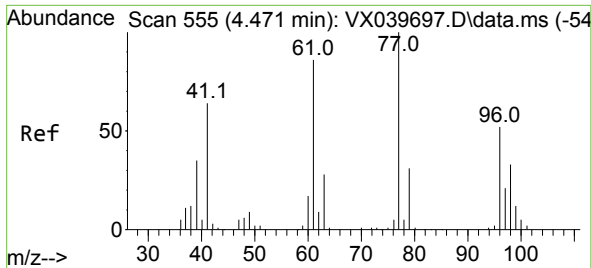
Tgt Ion: 76 Resp: 1061
Ion Ratio Lower Upper
76 100
78 7.2 7.0 10.6



#25
2-Butanone
Concen: 0.364 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

Tgt Ion: 43 Resp: 408
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#

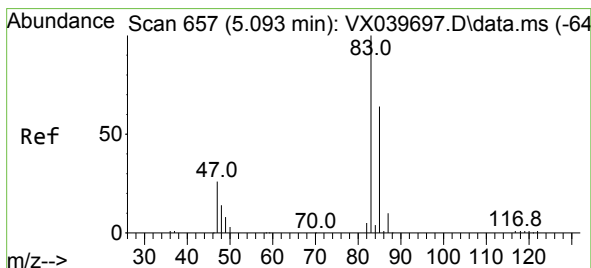
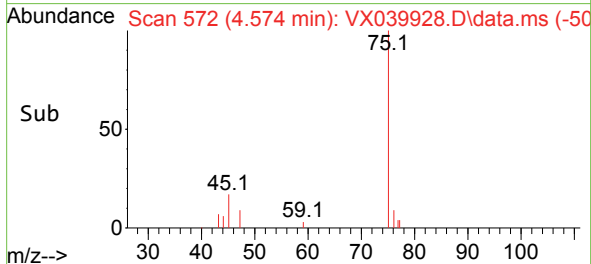
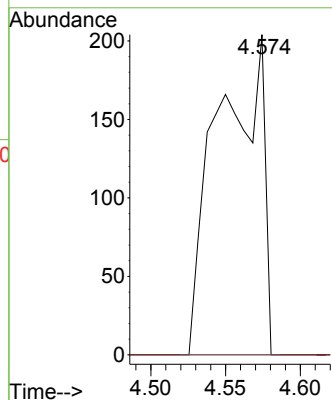
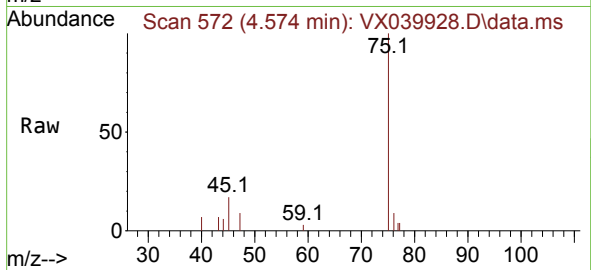




#26
2,2-Dichloropropane
Concen: 0.260 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.104 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

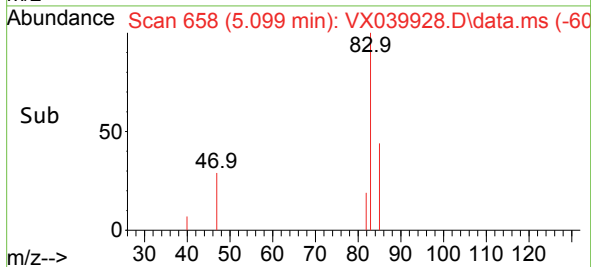
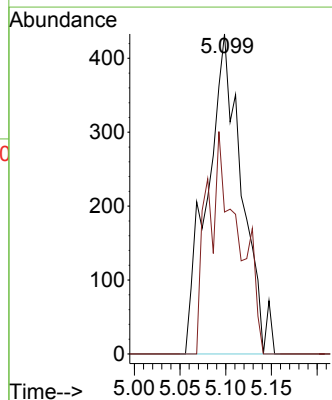
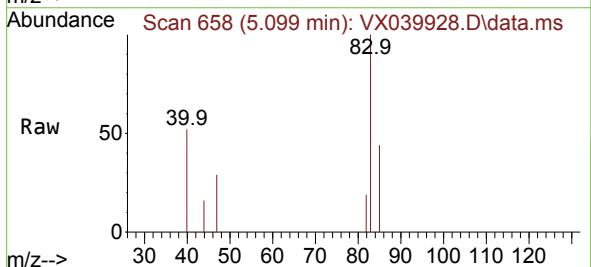
Instrument :
MSVOA_X
ClientSampleId :
EC68-6W

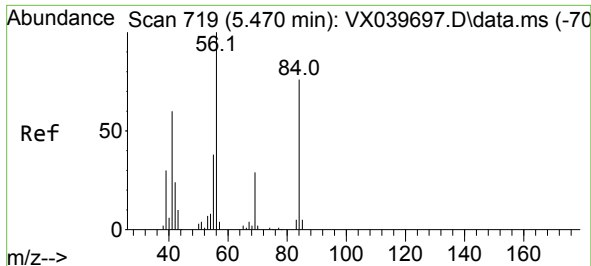
Tgt Ion: 77 Resp: 429
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#30
Chloroform
Concen: 0.561 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

Tgt Ion: 83 Resp: 1141
Ion Ratio Lower Upper
83 100
85 44.3 50.3 75.5#

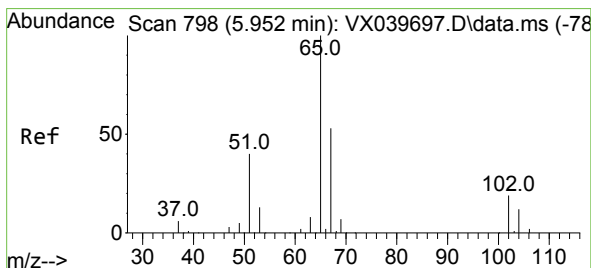
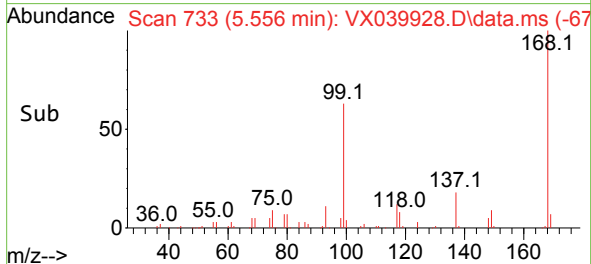
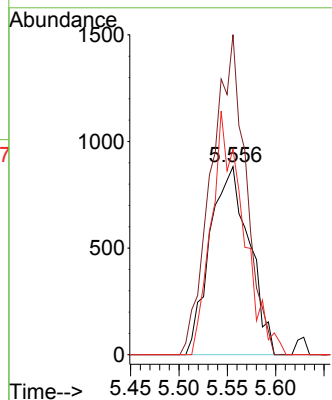
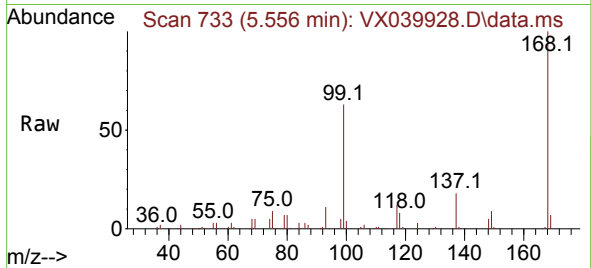




#31
Cyclohexane
Concen: 1.362 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

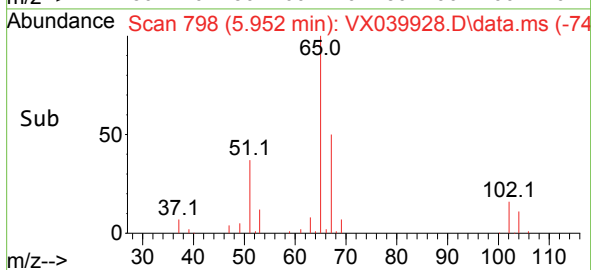
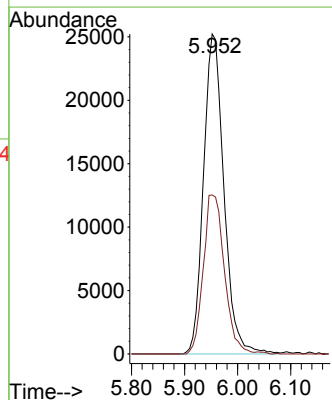
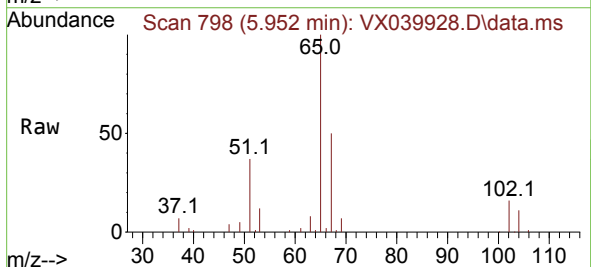
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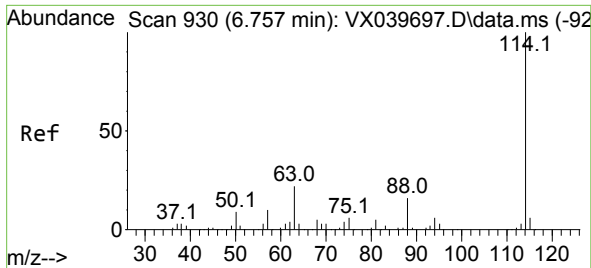
Tgt Ion: 56 Resp: 2494
Ion Ratio Lower Upper
56 100
69 170.2 23.4 35.2#
84 109.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.590 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

Tgt Ion: 65 Resp: 67411
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

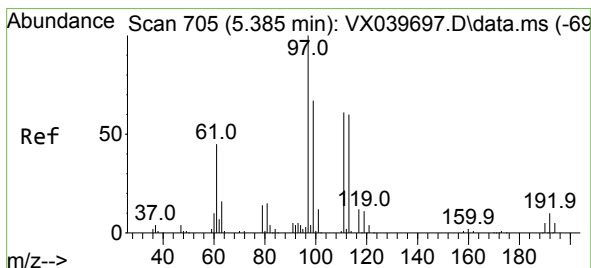
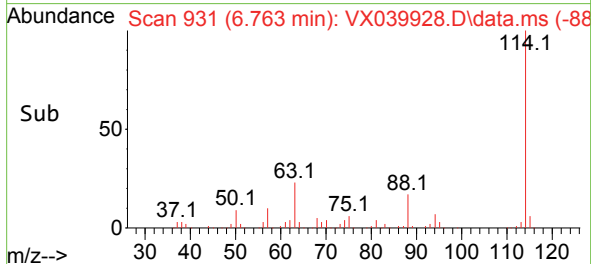
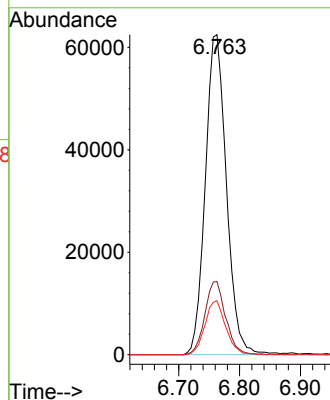
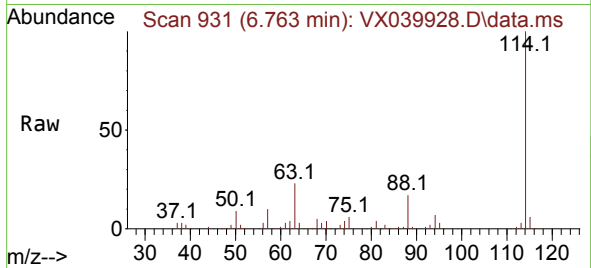




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

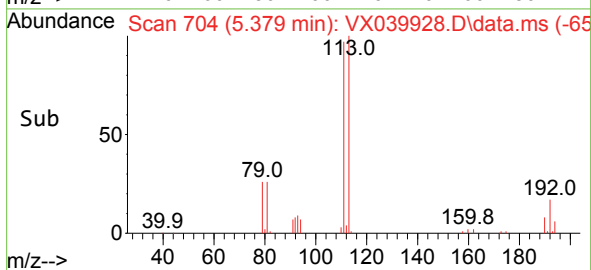
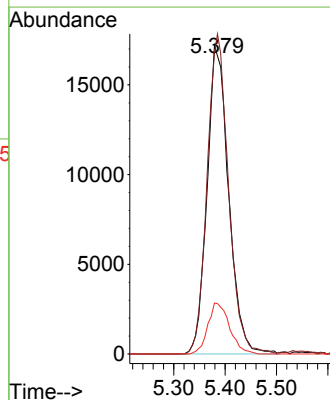
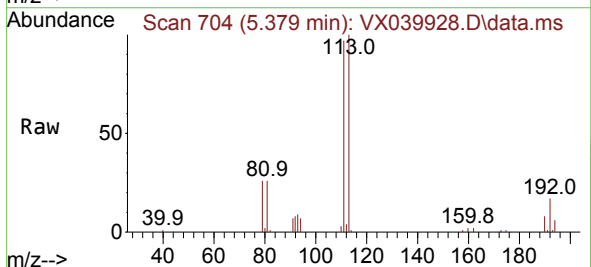
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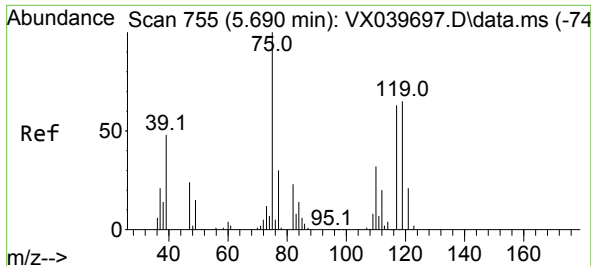
Tgt Ion:114 Resp: 150464
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.514 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

Tgt Ion:113 Resp: 50179
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 16.6 13.3 19.9

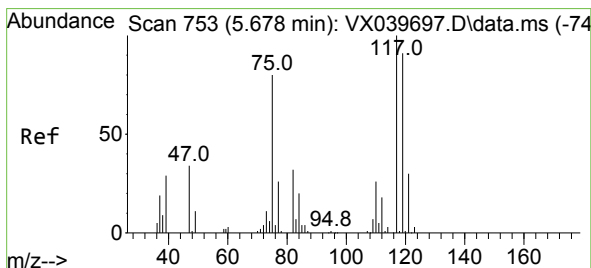
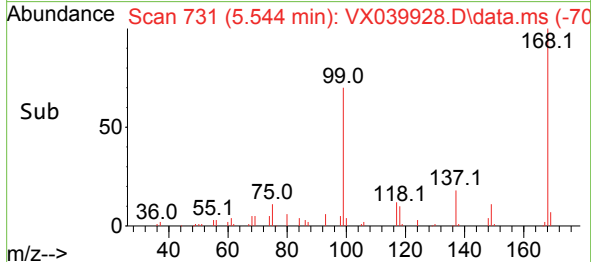
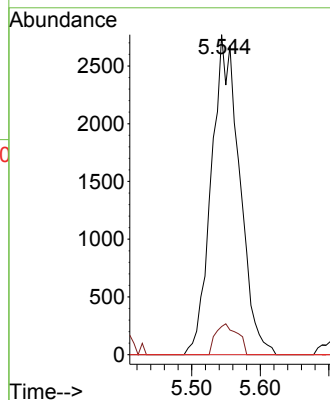
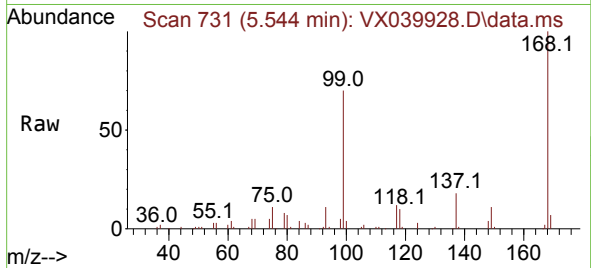




#36
1,1-Dichloropropene
Concen: 5.015 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

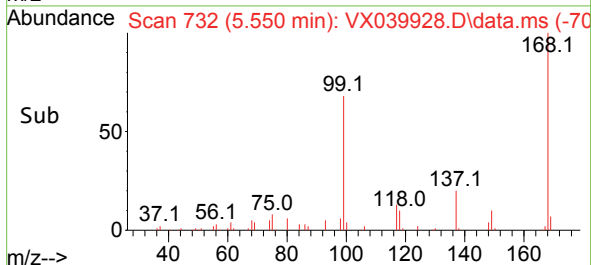
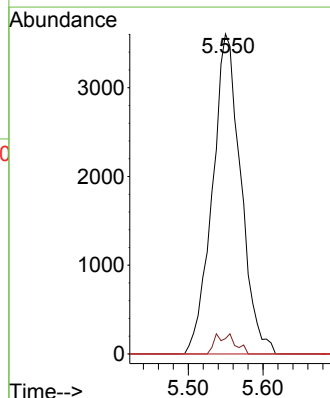
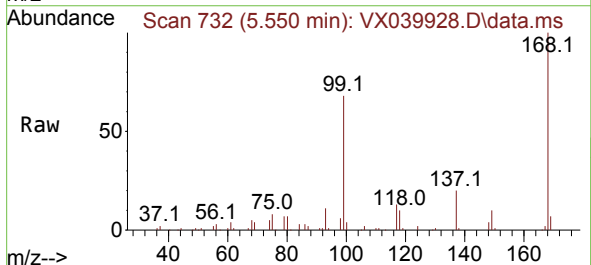
Instrument :
MSVOA_X
ClientSampleId :
EC68-6W

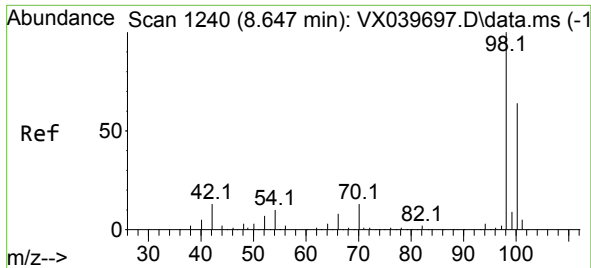
Tgt Ion: 75 Resp: 7911
Ion Ratio Lower Upper
75 100
110 7.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.595 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

Tgt Ion: 117 Resp: 9529
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

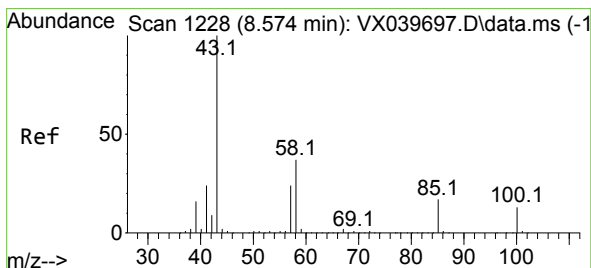
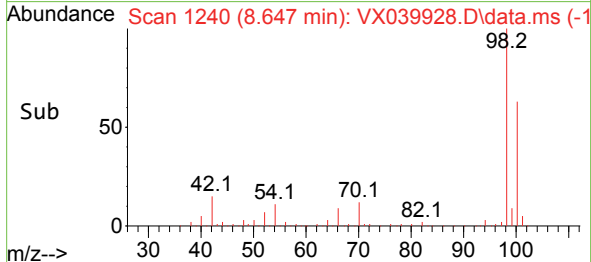
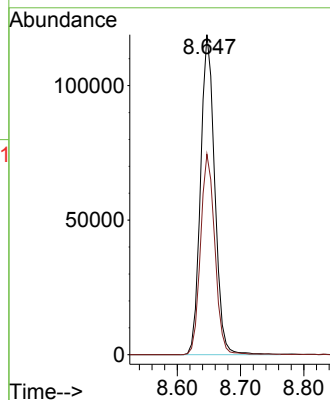
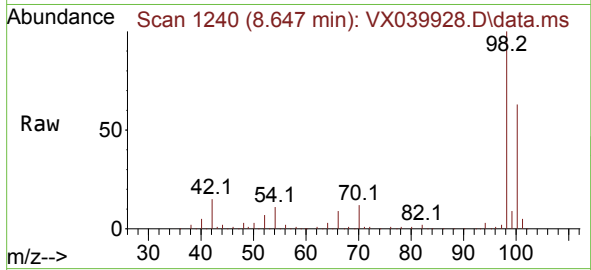




#50
Toluene-d8
Concen: 48.601 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

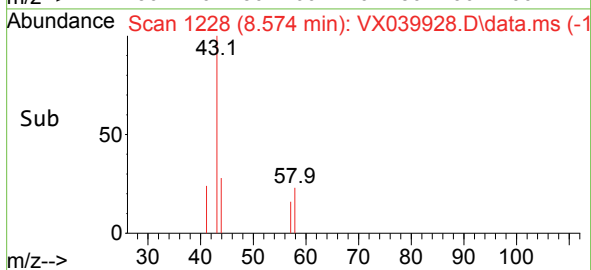
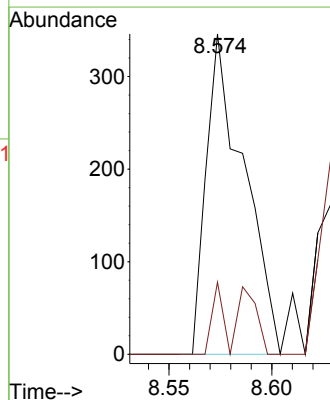
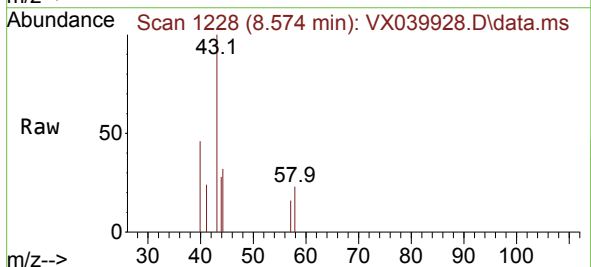
Instrument :
MSVOA_X
ClientSampleId :
EC68-6W

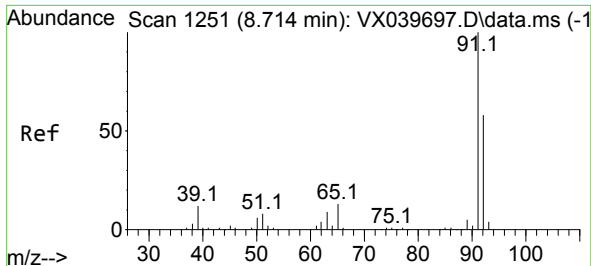
Tgt Ion: 98 Resp: 185765
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.208 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

Tgt Ion: 43 Resp: 442
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

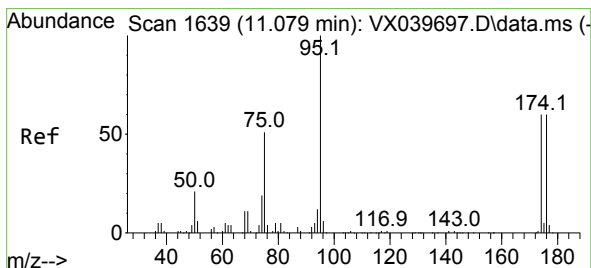
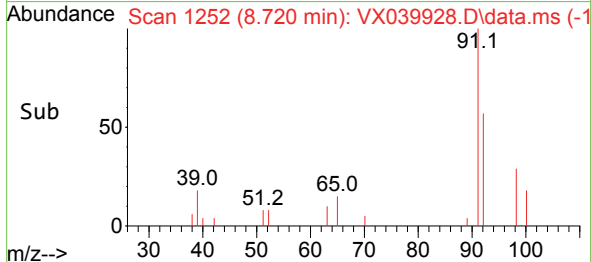
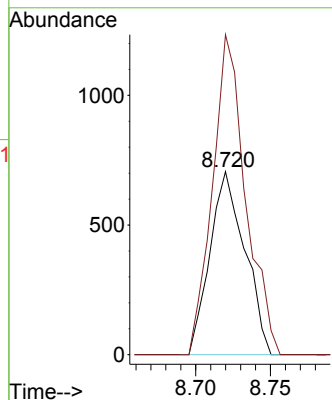
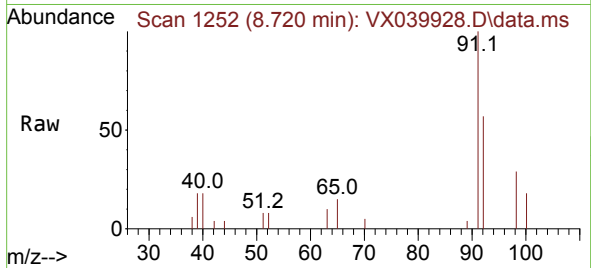




#52
Toluene
Concen: 0.430 ug/l
RT: 8.720 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

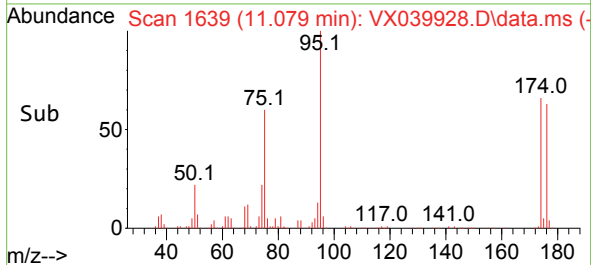
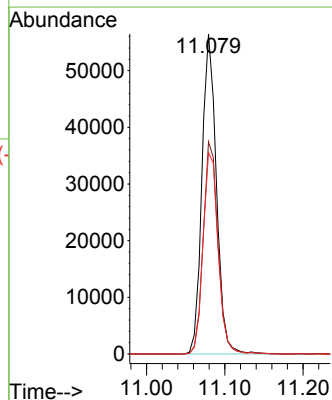
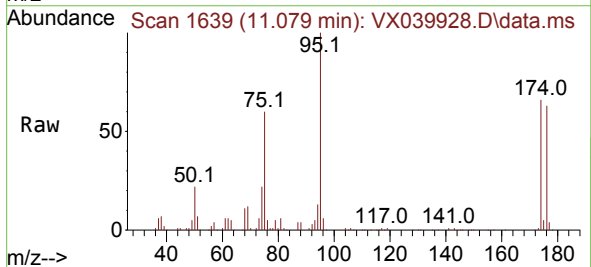
Instrument :
MSVOA_X
ClientSampleId :
EC68-6W

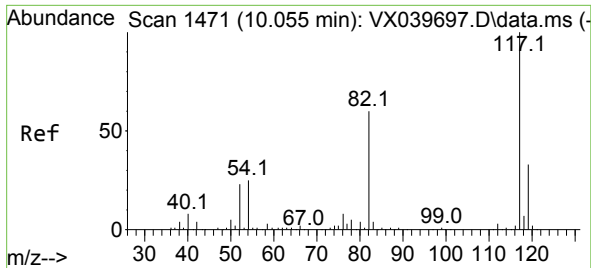
Tgt Ion: 92 Resp: 1147
Ion Ratio Lower Upper
92 100
91 166.0 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 48.400 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

Tgt Ion: 95 Resp: 72343
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.6
176 65.5 0.0 131.0

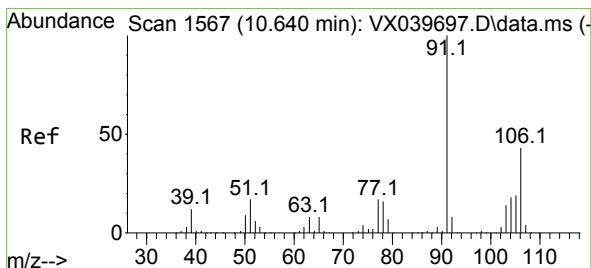
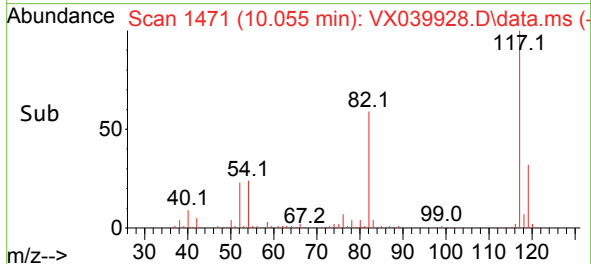
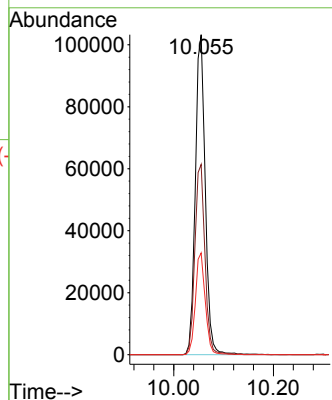
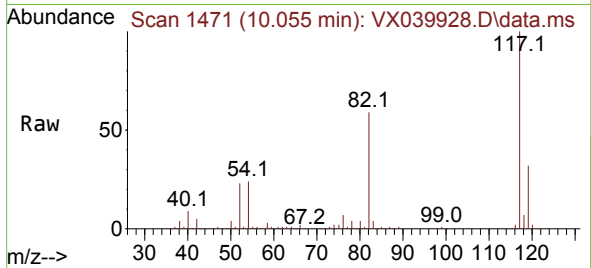




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

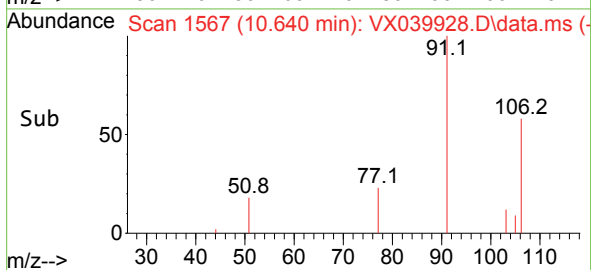
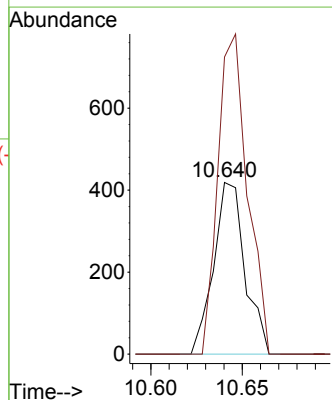
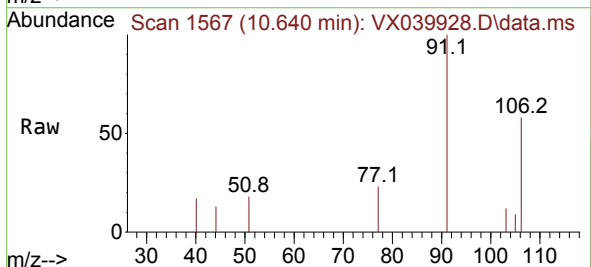
Instrument :
MSVOA_X
ClientSampleId :
EC68-6W

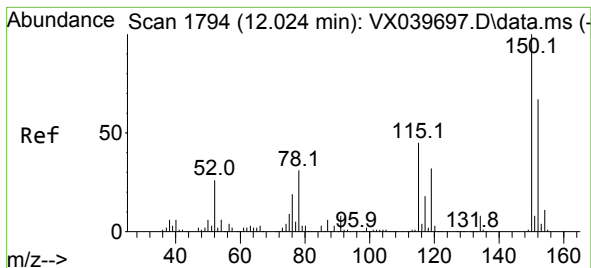
Tgt Ion:117 Resp: 142425
Ion Ratio Lower Upper
117 100
82 59.4 46.2 69.4
119 31.8 25.5 38.3



#69
o-Xylene
Concen: 0.250 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

Tgt Ion:106 Resp: 501
Ion Ratio Lower Upper
106 100
91 175.6 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039928.D

Acq: 24 Jan 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

EC68-6W

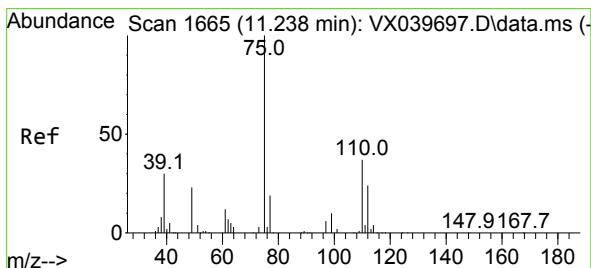
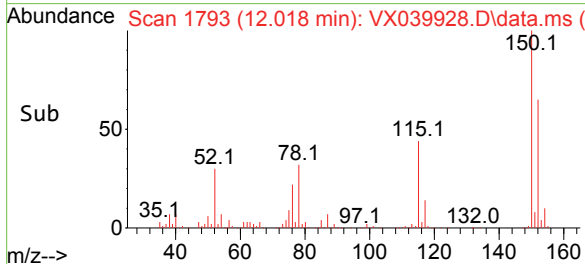
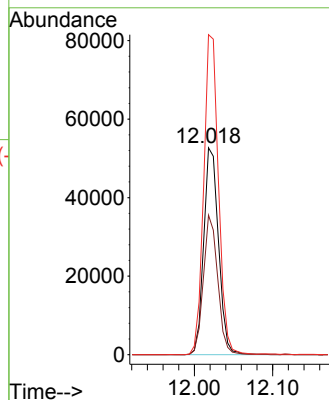
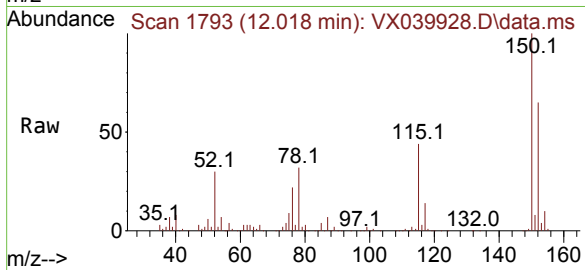
Tgt Ion:152 Resp: 69194

Ion Ratio Lower Upper

152 100

115 65.3 43.3 129.9

150 154.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.300 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039928.D

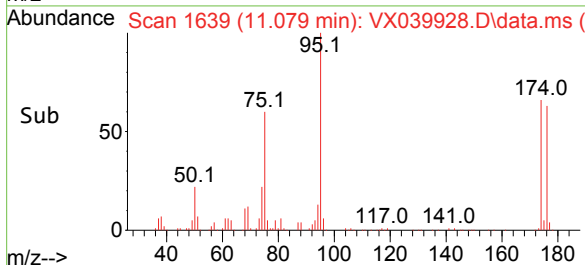
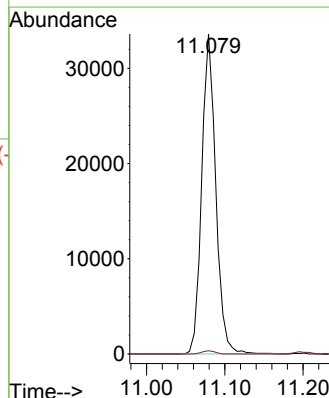
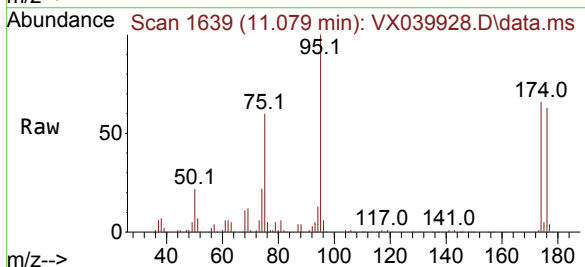
Acq: 24 Jan 2024 11:58

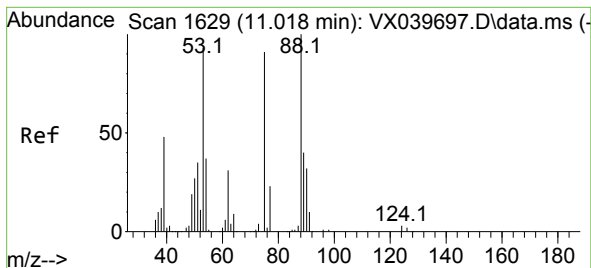
Tgt Ion: 75 Resp: 41798

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#

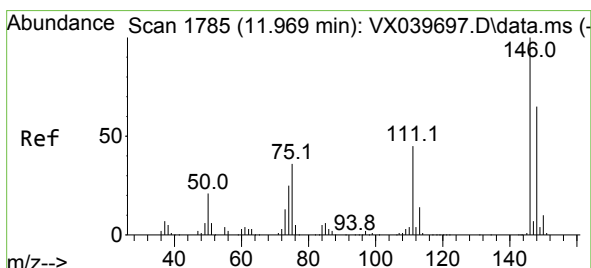
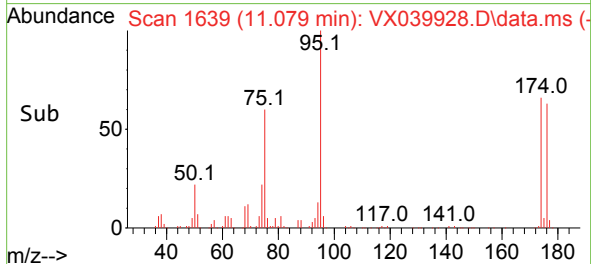
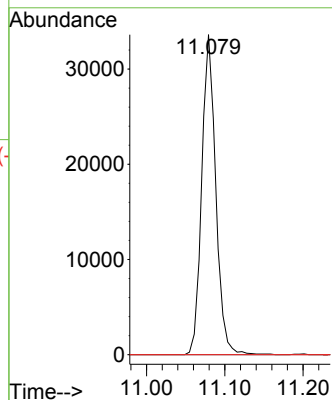
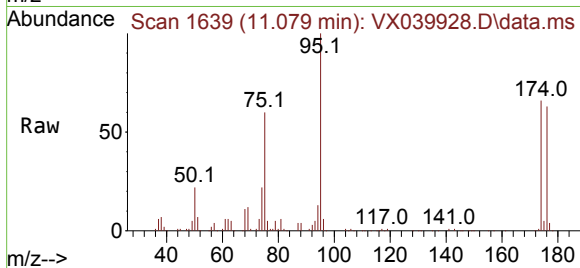




#81
trans-1,4-Dichloro-2-butene
Concen: 67.184 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

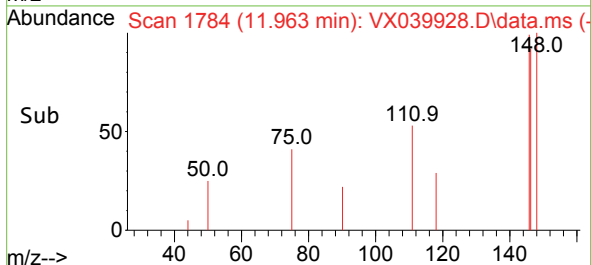
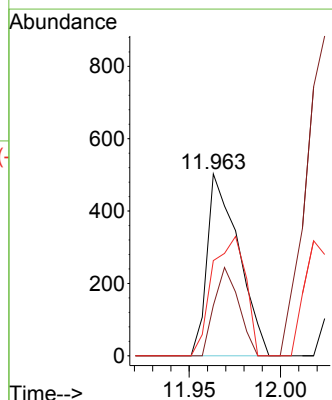
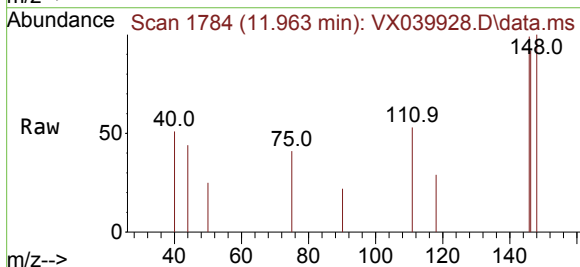
Instrument :
MSVOA_X
ClientSampleId :
EC68-6W

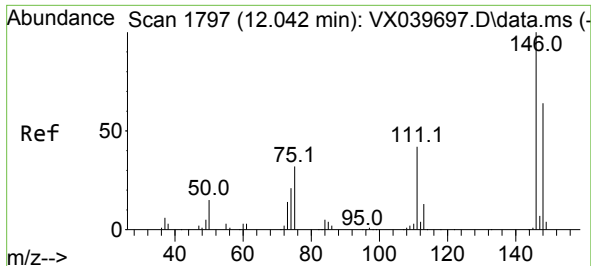
Tgt Ion: 75 Resp: 41798
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.257 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

Tgt Ion:146 Resp: 604
Ion Ratio Lower Upper
146 100
111 37.9 22.1 66.1
148 69.5 31.8 95.3

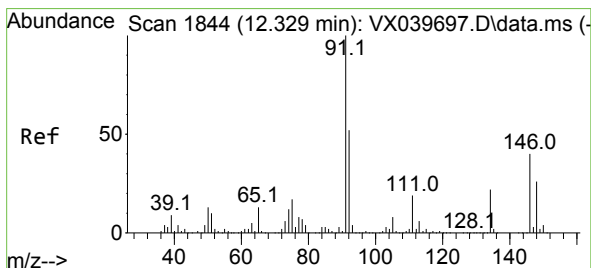
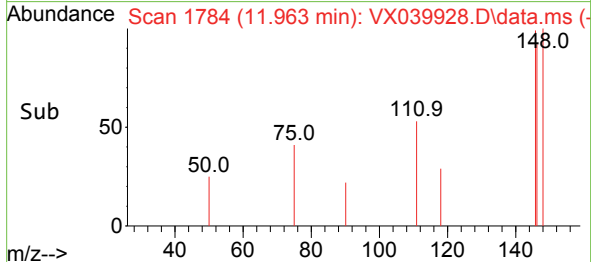
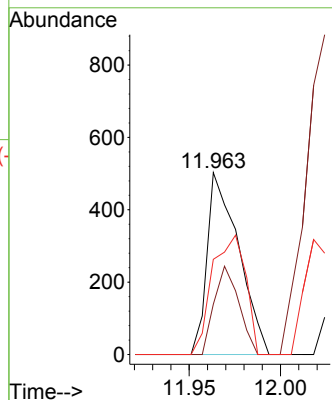
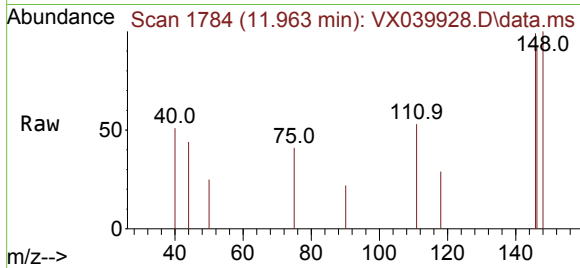




#88
1,4-Dichlorobenzene
Concen: 0.249 ug/l
RT: 11.963 min Scan# 1797
Delta R.T. -0.079 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

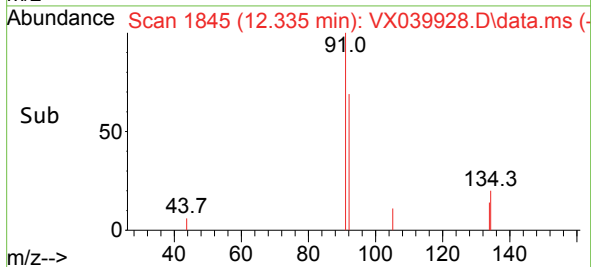
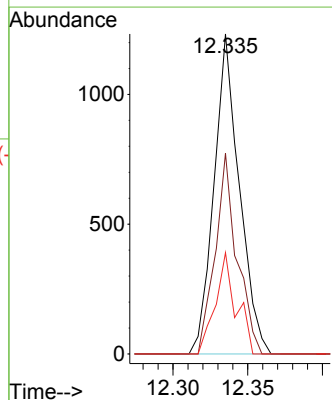
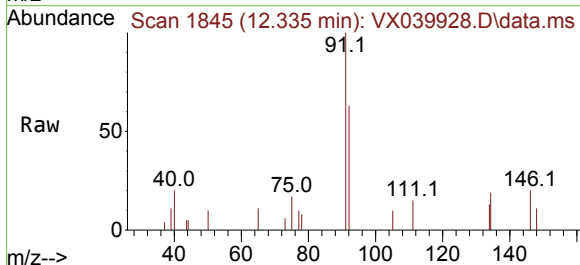
Instrument :
MSVOA_X
ClientSampleId :
EC68-6W

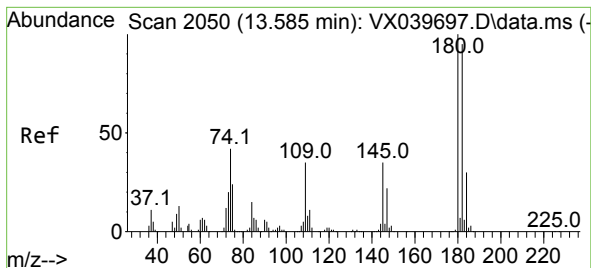
Tgt Ion:146 Resp: 604
Ion Ratio Lower Upper
146 100
111 37.9 21.3 63.7
148 69.5 31.8 95.4



#89
n-Butylbenzene
Concen: 0.324 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039928.D
Acq: 24 Jan 2024 11:58

Tgt Ion: 91 Resp: 1451
Ion Ratio Lower Upper
91 100
92 54.0 27.4 82.0
134 25.8 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.617 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039928.D

Acq: 24 Jan 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

EC68-6W

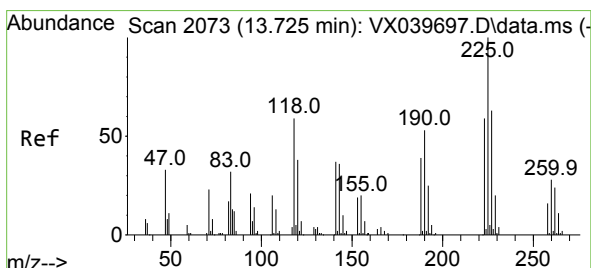
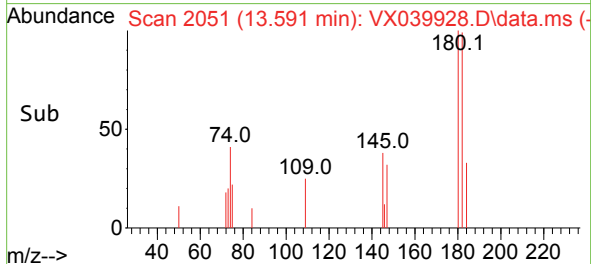
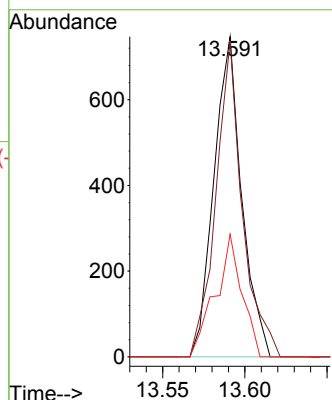
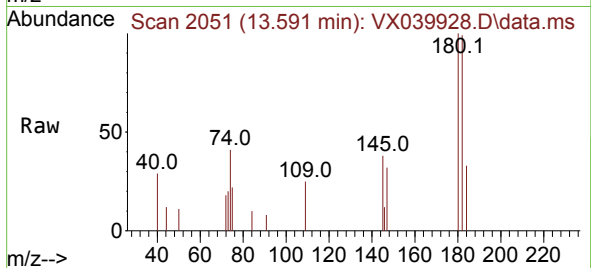
Tgt Ion:180 Resp: 876

Ion Ratio Lower Upper

180 100

182 93.9 48.3 144.8

145 36.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.721 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX039928.D

Acq: 24 Jan 2024 11:58

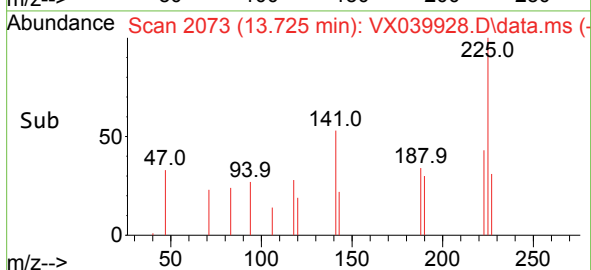
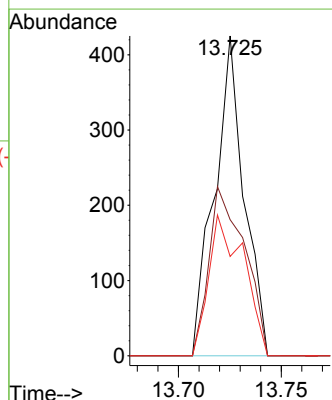
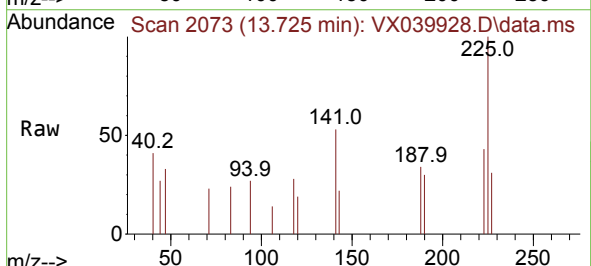
Tgt Ion:225 Resp: 426

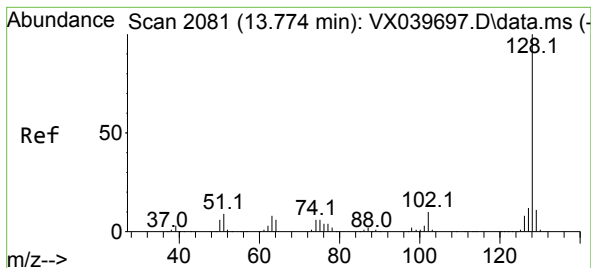
Ion Ratio Lower Upper

225 100

223 63.6 31.1 93.2

227 51.9 32.5 97.5





#95

Naphthalene

Concen: 0.501 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX039928.D

Acq: 24 Jan 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

EC68-6W

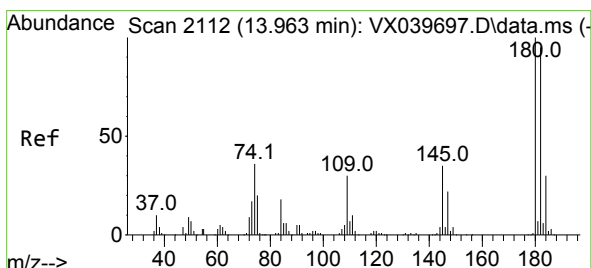
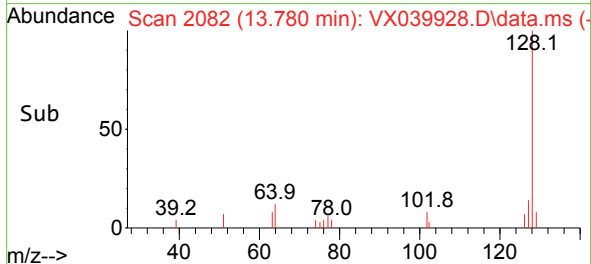
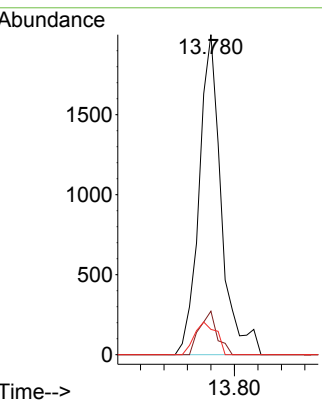
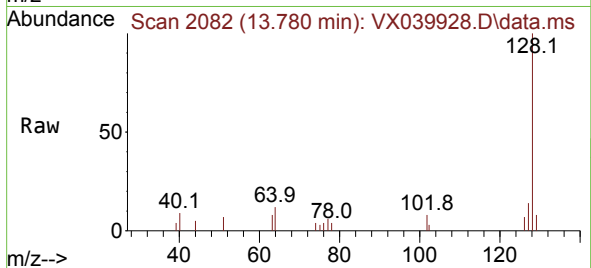
Tgt Ion:128 Resp: 2620

Ion Ratio Lower Upper

128 100

127 10.8 10.3 15.5

129 10.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.467 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX039928.D

Acq: 24 Jan 2024 11:58

Tgt Ion:180 Resp: 670

Ion Ratio Lower Upper

180 100

182 107.6 46.9 140.6

145 37.2 17.8 53.5

