

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034896.D
 Acq On : 01 Apr 2023 02:41
 Operator : JC/MD
 Sample : 02140-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01

Quant Time: Apr 03 03:18:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

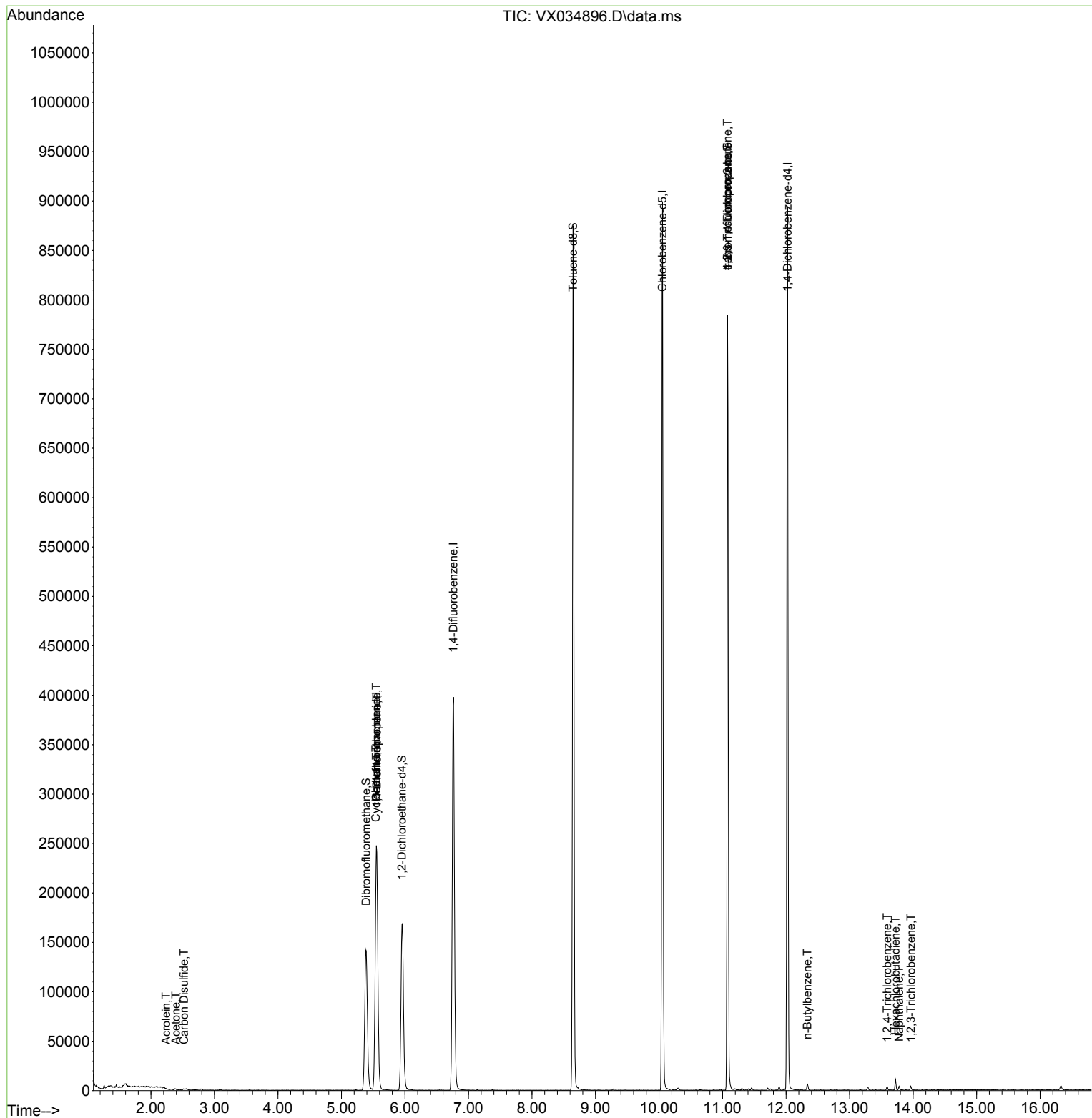
Internal Standards						
1) Pentafluorobenzene	5.550	168	228388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	391285	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	164727	47.161	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.320%
35) Dibromofluoromethane	5.385	113	123717	47.803	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.600%
50) Toluene-d8	8.647	98	492729	51.581	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.160%
62) 4-Bromofluorobenzene	11.079	95	207637	56.170	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.340%
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	166	0.263	ug/l #	78
16) Acetone	2.392	43	1276	0.899	ug/l #	77
17) Carbon Disulfide	2.520	76	1406	0.239	ug/l #	75
31) Cyclohexane	5.544	56	6325	1.487	ug/l #	28
36) 1,1-Dichloropropene	5.556	75	19886	5.186	ug/l #	49
38) Carbon Tetrachloride	5.550	117	24153	6.681	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	115016	32.272	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	115016	96.718	ug/l #	8
89) n-Butylbenzene	12.335	91	2566	0.285	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	939	0.284	ug/l	87
94) Hexachlorobutadiene	13.725	225	1465	1.006	ug/l	88
95) Naphthalene	13.780	128	2871	0.244	ug/l	95
96) 1,2,3-Trichlorobenzene	13.969	180	1091	0.327	ug/l	94

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

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Quant Time: Apr 03 03:18:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

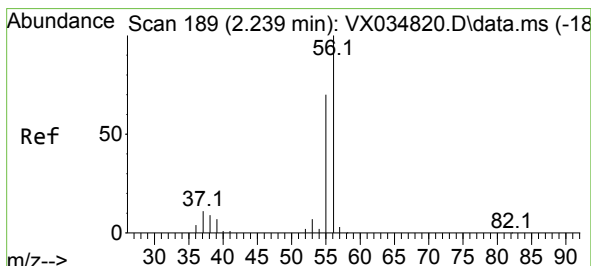
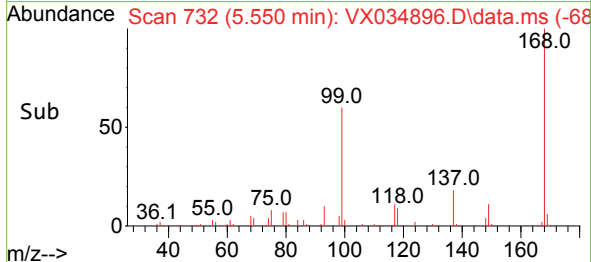
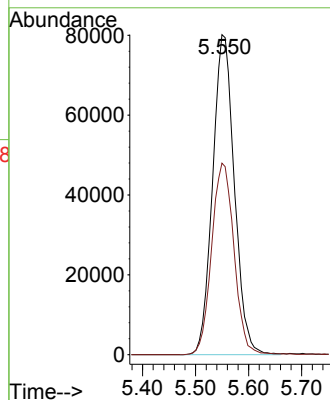
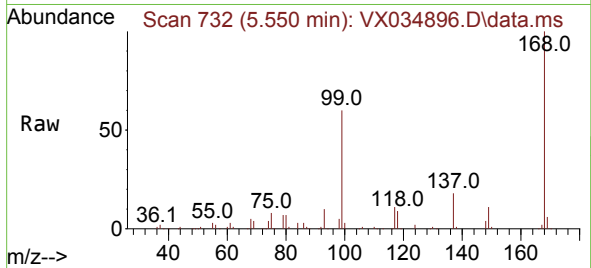




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034896.D
Acq: 01 Apr 2023 02:41

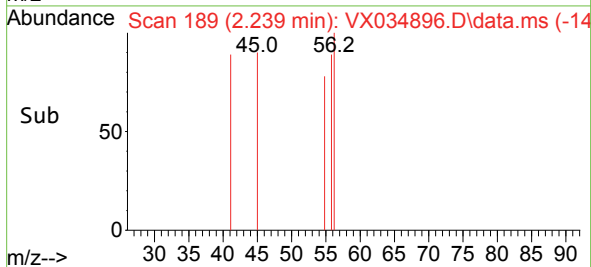
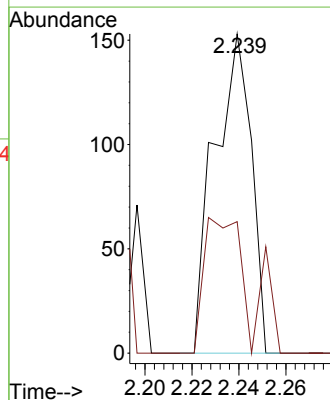
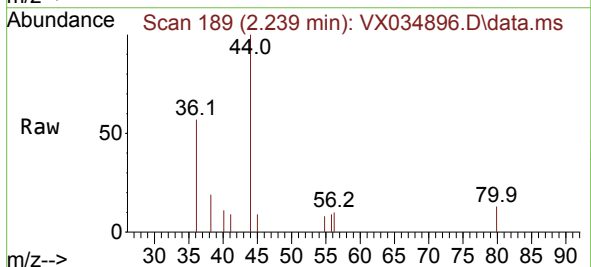
Instrument :
MSVOA_X
ClientSampleId :
MW-01

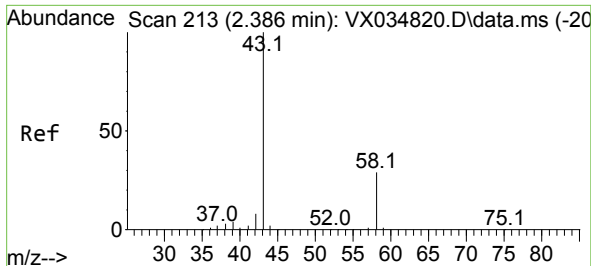
Tgt Ion:168 Resp: 228388
Ion Ratio Lower Upper
168 100
99 59.8 45.7 68.5



#13
Acrolein
Concen: 0.263 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX034896.D
Acq: 01 Apr 2023 02:41

Tgt Ion: 56 Resp: 166
Ion Ratio Lower Upper
56 100
55 52.4 56.6 85.0#





#16

Acetone

Concen: 0.899 ug/l

RT: 2.392 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX034896.D

Acq: 01 Apr 2023 02:41

Instrument :

MSVOA_X

ClientSampleId :

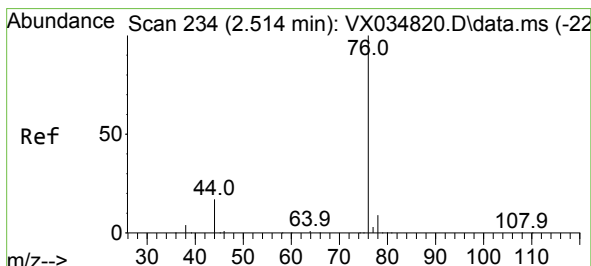
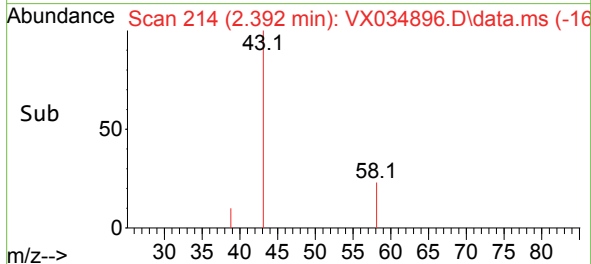
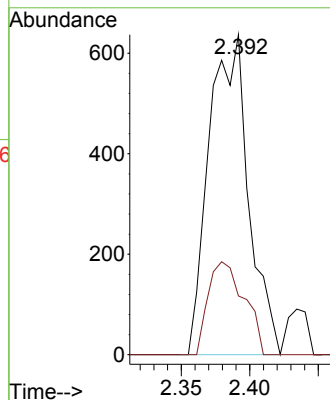
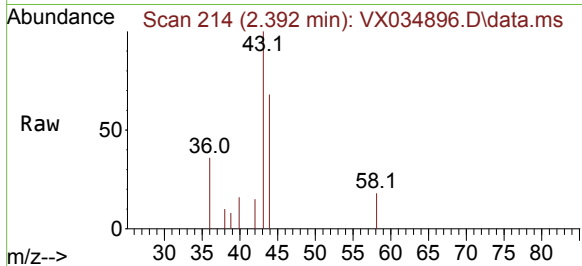
MW-01

Tgt Ion: 43 Resp: 1276

Ion Ratio Lower Upper

43 100

58 18.4 24.7 37.1#



#17

Carbon Disulfide

Concen: 0.239 ug/l

RT: 2.520 min Scan# 235

Delta R.T. 0.006 min

Lab File: VX034896.D

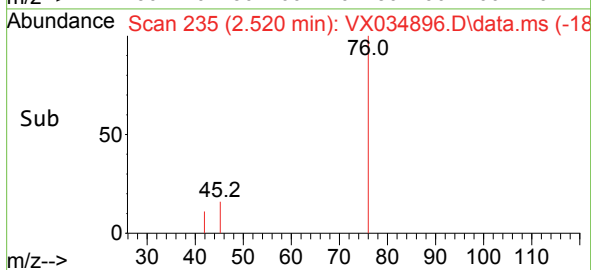
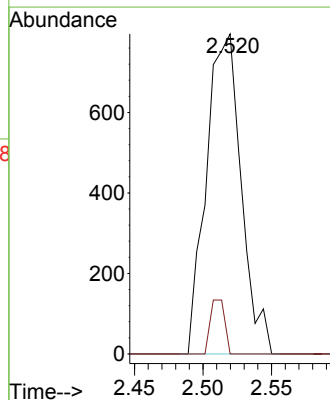
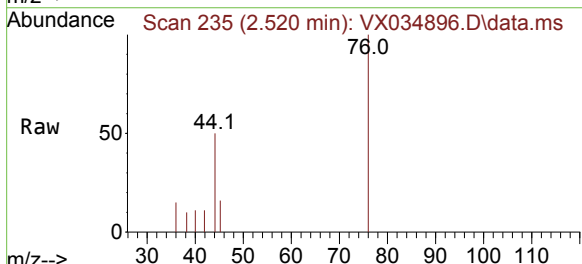
Acq: 01 Apr 2023 02:41

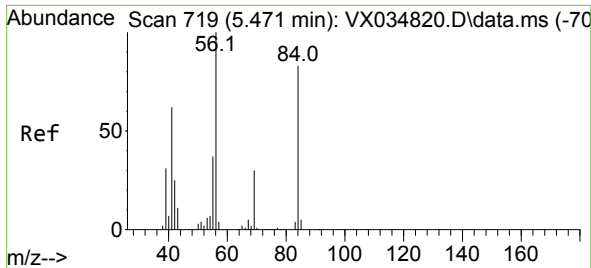
Tgt Ion: 76 Resp: 1406

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

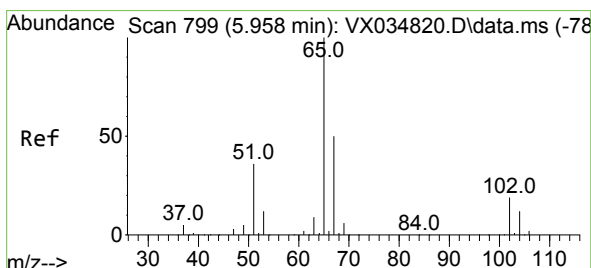
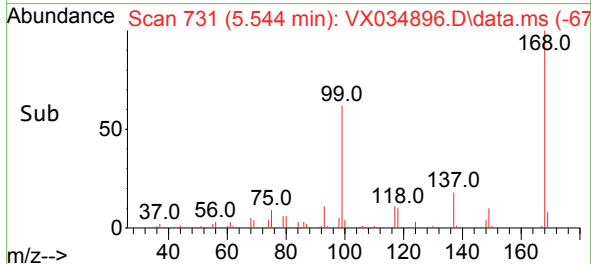
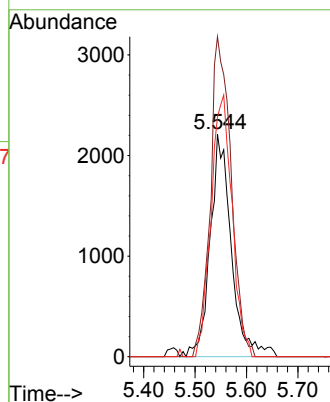
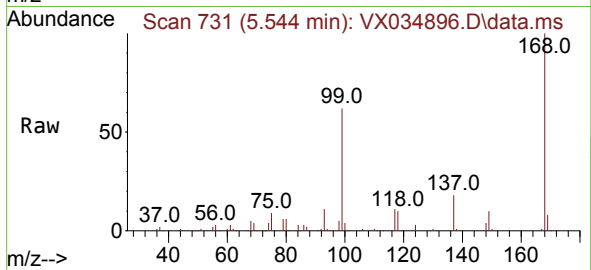




#31
Cyclohexane
Concen: 1.487 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034896.D
Acq: 01 Apr 2023 02:41

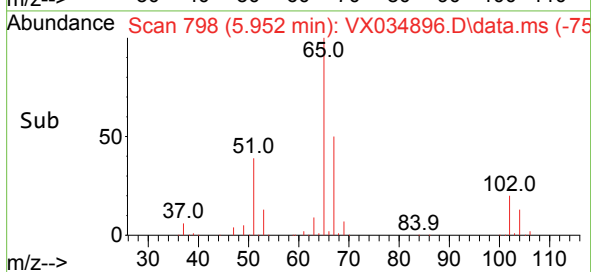
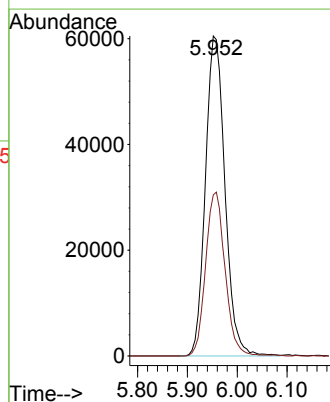
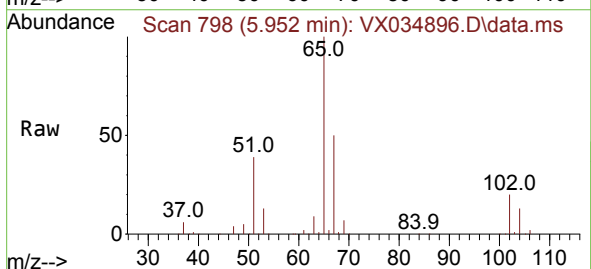
Instrument :
MSVOA_X
ClientSampleId :
MW-01

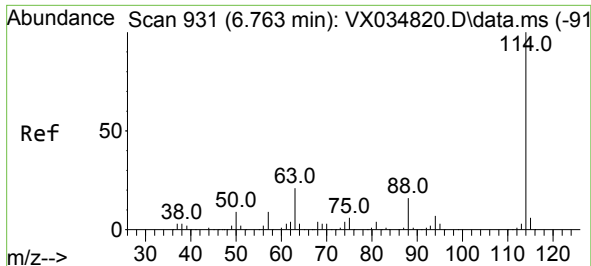
Tgt Ion: 56 Resp: 6325
Ion Ratio Lower Upper
56 100
69 143.8 23.7 35.5#
84 107.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.161 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034896.D
Acq: 01 Apr 2023 02:41

Tgt Ion: 65 Resp: 164727
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.0

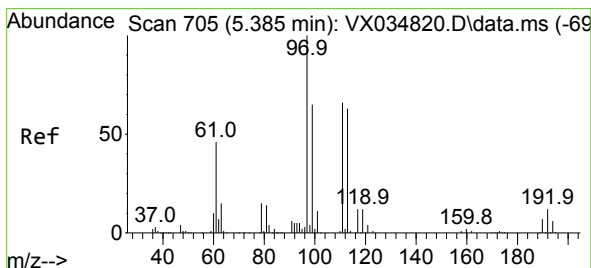
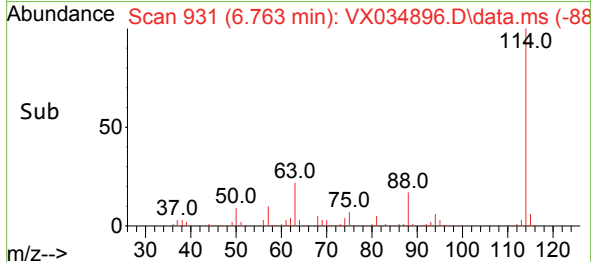
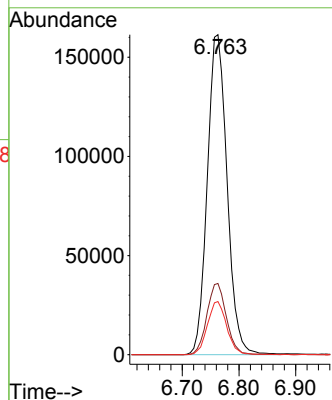
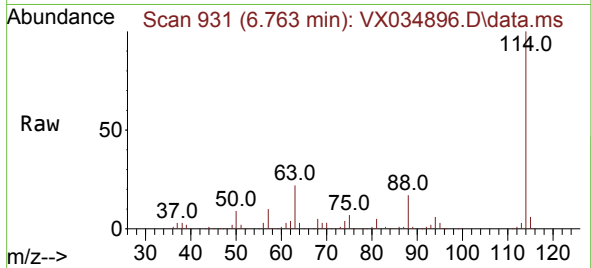




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034896.D
Acq: 01 Apr 2023 02:41

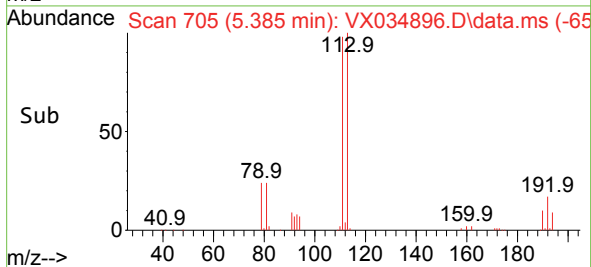
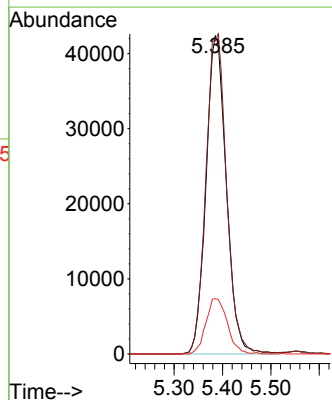
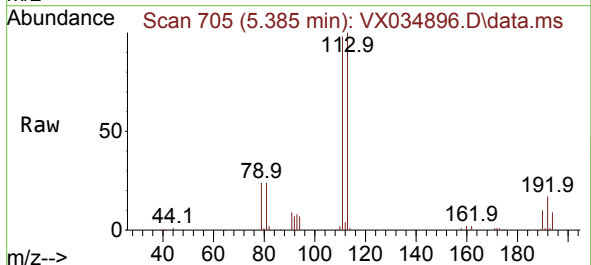
Instrument :
MSVOA_X
ClientSampleId :
MW-01

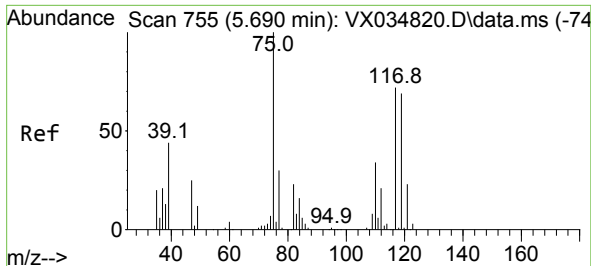
Tgt Ion:114 Resp: 391285
Ion Ratio Lower Upper
114 100
63 22.3 0.0 42.2
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.803 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034896.D
Acq: 01 Apr 2023 02:41

Tgt Ion:113 Resp: 123717
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 18.3 15.4 23.2

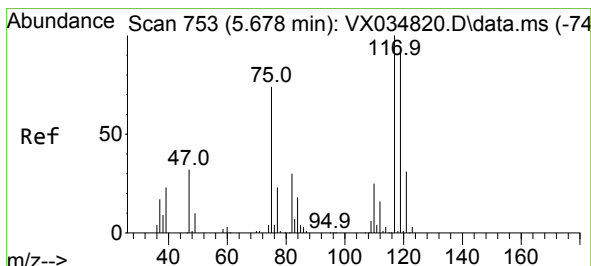
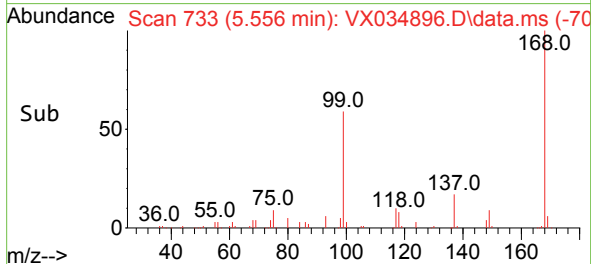
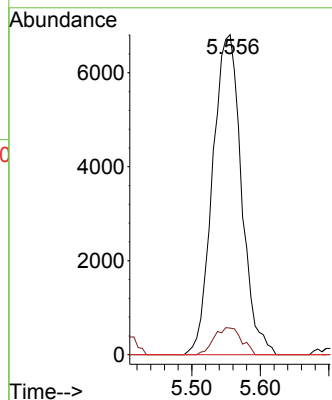
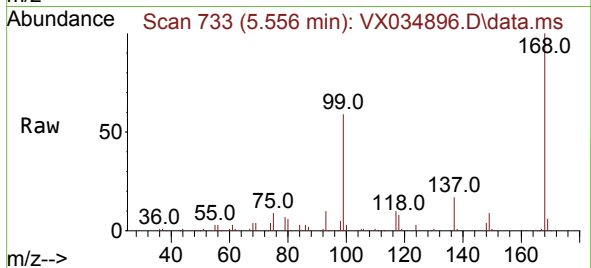




#36
 1,1-Dichloropropene
 Concen: 5.186 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. -0.134 min
 Lab File: VX034896.D
 Acq: 01 Apr 2023 02:41

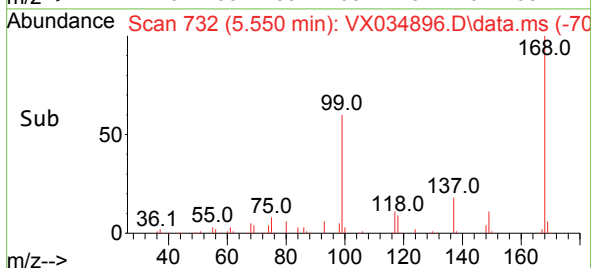
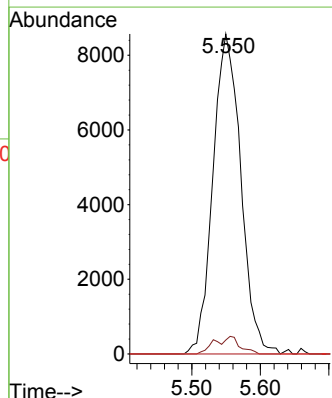
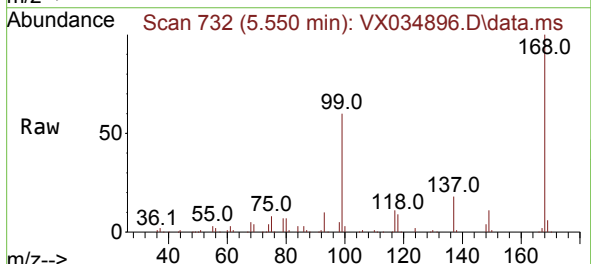
Instrument :
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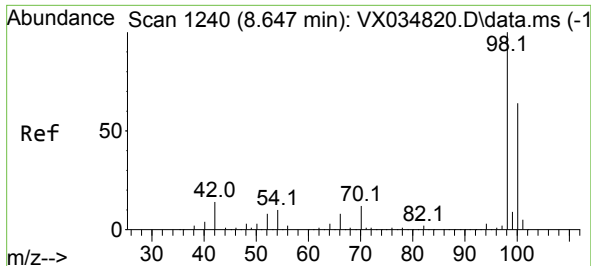
Tgt Ion: 75 Resp: 19886
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.5 52.5#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.681 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.128 min
 Lab File: VX034896.D
 Acq: 01 Apr 2023 02:41

Tgt Ion: 117 Resp: 24153
 Ion Ratio Lower Upper
 117 100
 119 4.3 76.6 114.8#
 121 0.0 23.8 35.6#

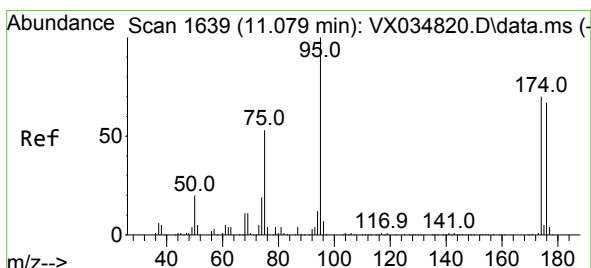
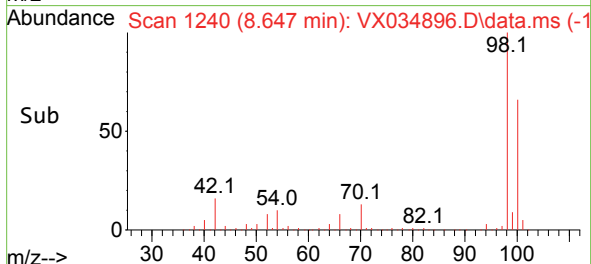
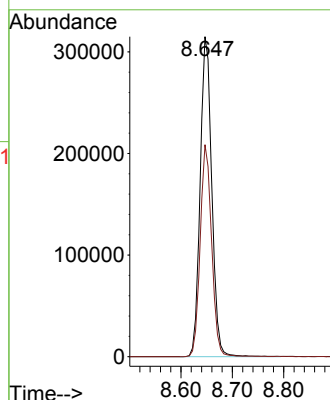
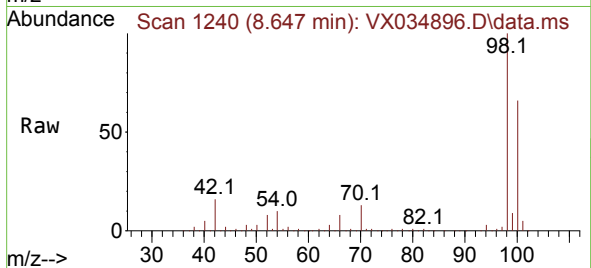




#50
Toluene-d8
Concen: 51.581 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034896.D
Acq: 01 Apr 2023 02:41

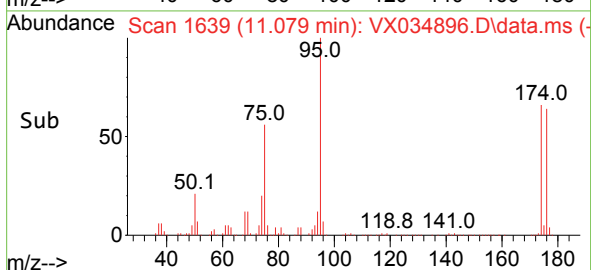
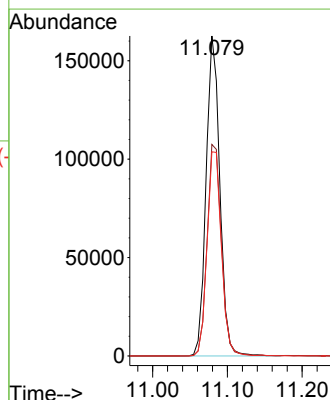
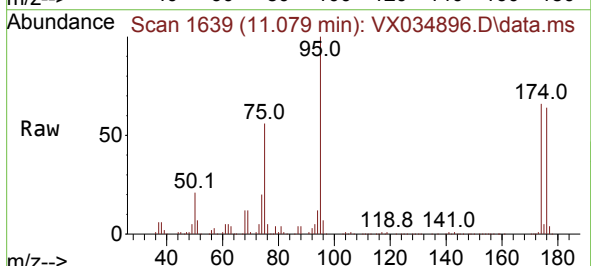
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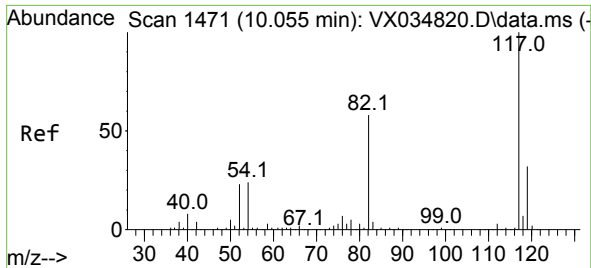
Tgt Ion: 98 Resp: 492729
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 56.170 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034896.D
Acq: 01 Apr 2023 02:41

Tgt Ion: 95 Resp: 207637
Ion Ratio Lower Upper
95 100
174 68.6 0.0 147.4
176 66.6 0.0 140.6

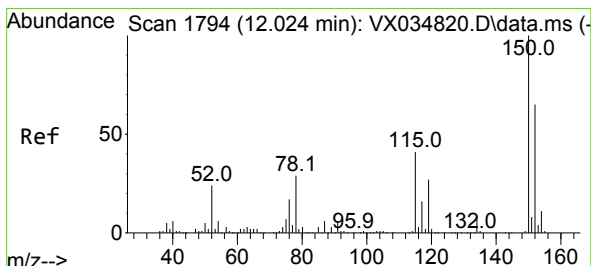
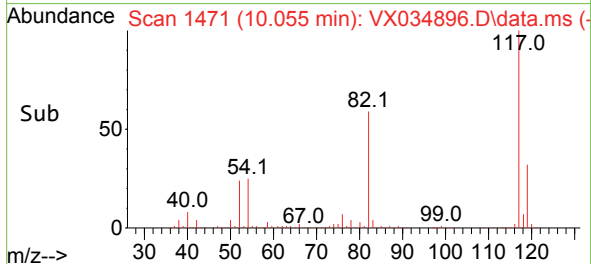
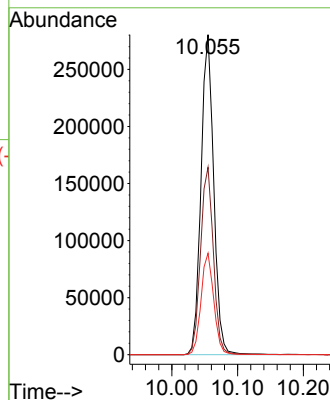
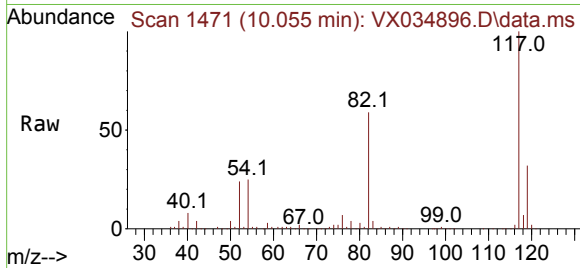




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034896.D
Acq: 01 Apr 2023 02:41

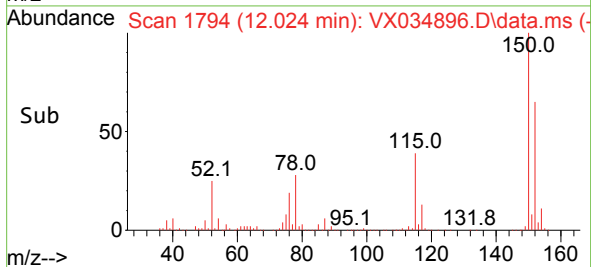
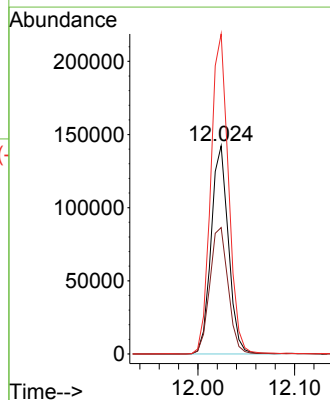
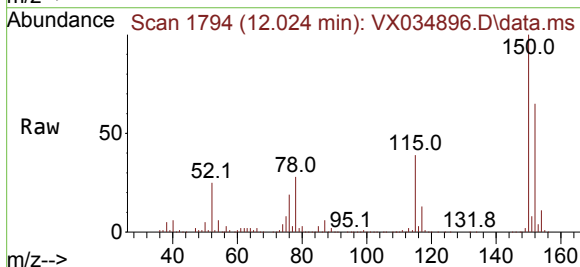
Instrument :
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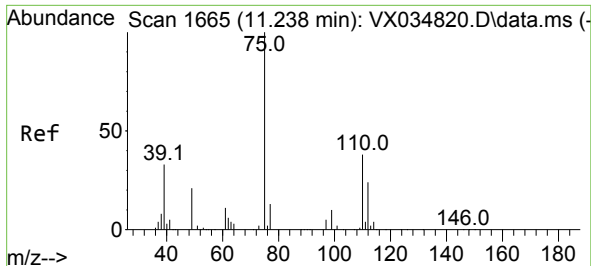
Tgt Ion:117 Resp: 376244
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 31.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034896.D
Acq: 01 Apr 2023 02:41

Tgt Ion:152 Resp: 176875
Ion Ratio Lower Upper
152 100
115 64.4 45.0 135.0
150 157.2 0.0 352.4

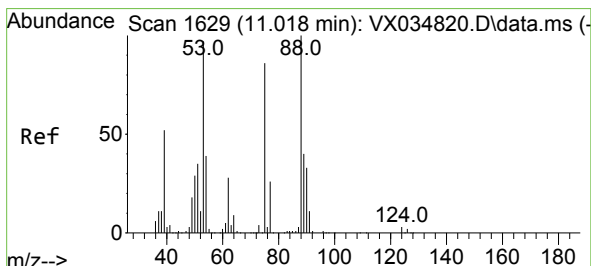
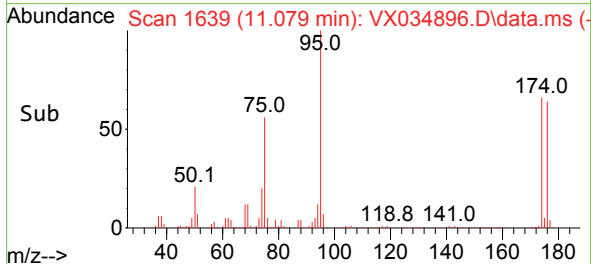
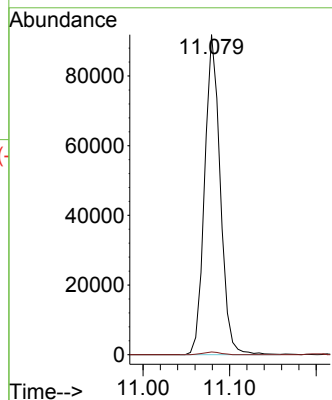
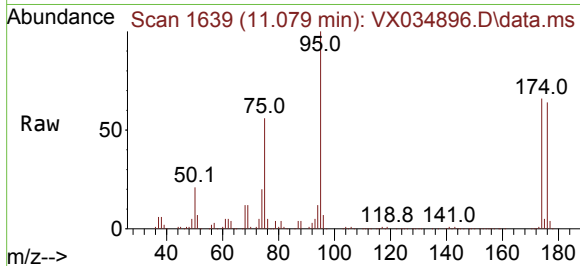




#76
1,2,3-Trichloropropane
Concen: 32.272 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.159 min
Lab File: VX034896.D
Acq: 01 Apr 2023 02:41

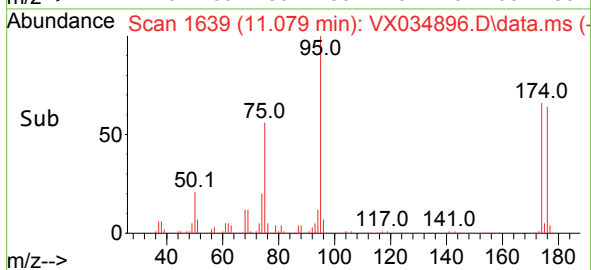
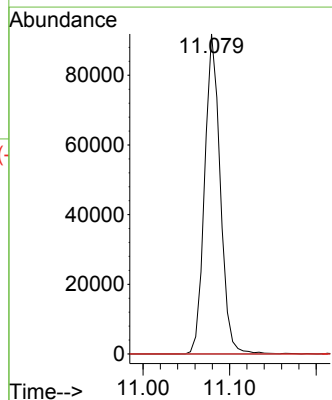
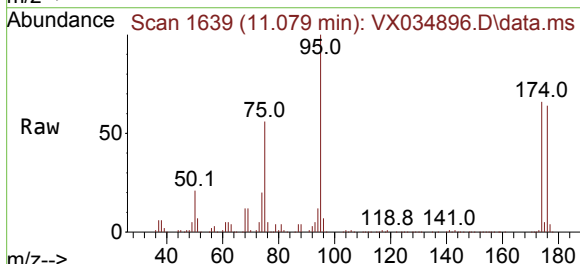
Instrument :
MSVOA_X
ClientSampleId :
MW-01

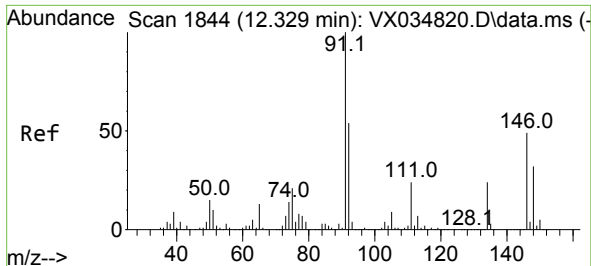
Tgt Ion: 75 Resp: 115016
Ion Ratio Lower Upper
75 100
77 0.9 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.718 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034896.D
Acq: 01 Apr 2023 02:41

Tgt Ion: 75 Resp: 115016
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#89

n-Butylbenzene

Concen: 0.285 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034896.D

Acq: 01 Apr 2023 02:41

Instrument :

MSVOA_X

ClientSampleId :

MW-01

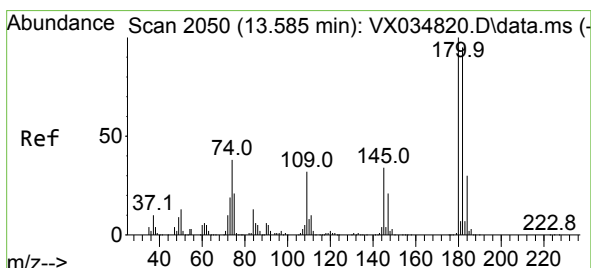
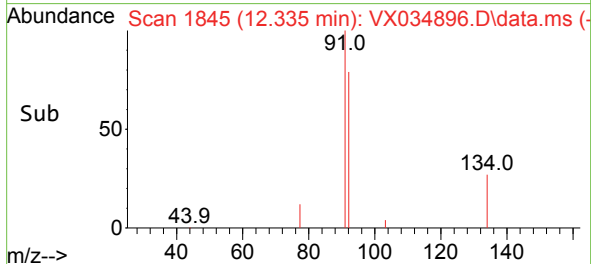
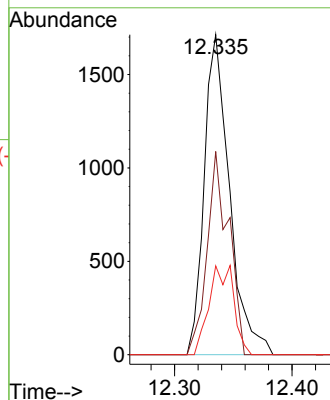
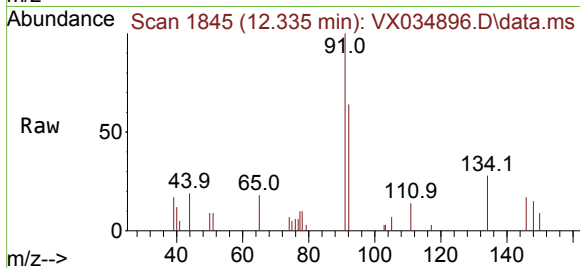
Tgt Ion: 91 Resp: 2566

Ion Ratio Lower Upper

91 100

92 54.3 27.7 83.0

134 27.3 13.0 38.9



#93

1,2,4-Trichlorobenzene

Concen: 0.284 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034896.D

Acq: 01 Apr 2023 02:41

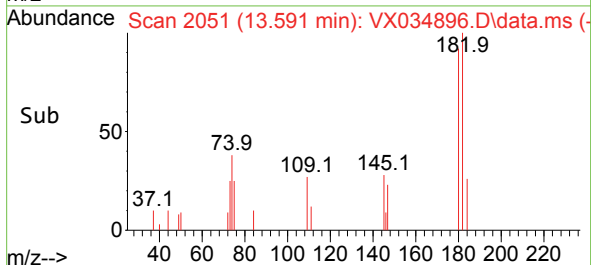
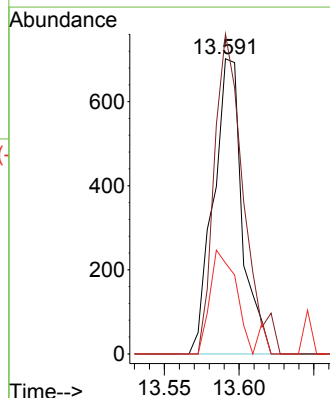
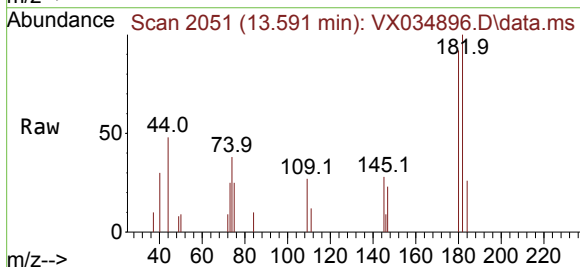
Tgt Ion:180 Resp: 939

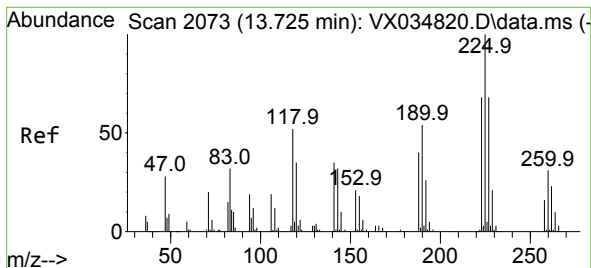
Ion Ratio Lower Upper

180 100

182 109.5 47.0 141.0

145 34.7 15.9 47.7





#94

Hexachlorobutadiene

Concen: 1.006 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034896.D

Acq: 01 Apr 2023 02:41

Instrument :

MSVOA_X

ClientSampleId :

MW-01

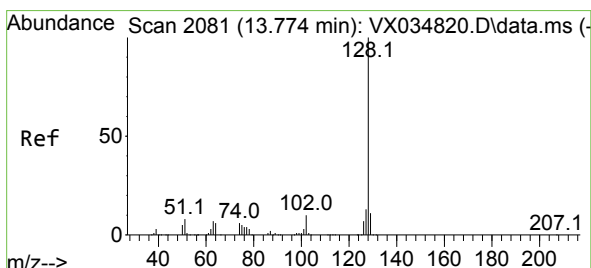
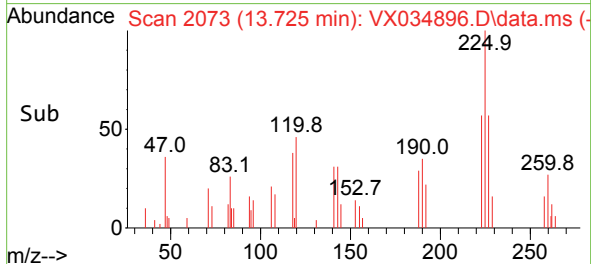
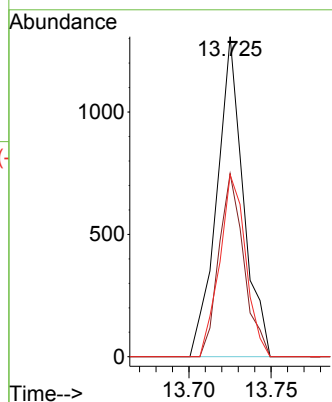
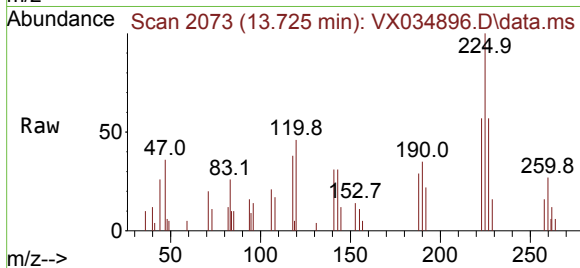
Tgt Ion:225 Resp: 1465

Ion Ratio Lower Upper

225 100

223 53.8 32.1 96.5

227 56.0 31.8 95.4



#95

Naphthalene

Concen: 0.244 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX034896.D

Acq: 01 Apr 2023 02:41

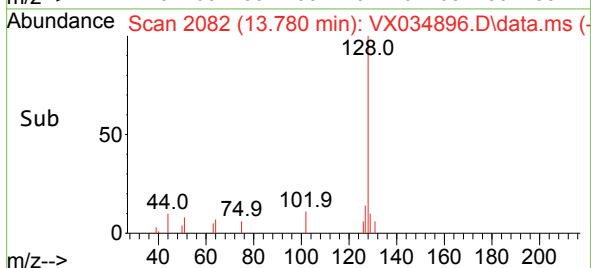
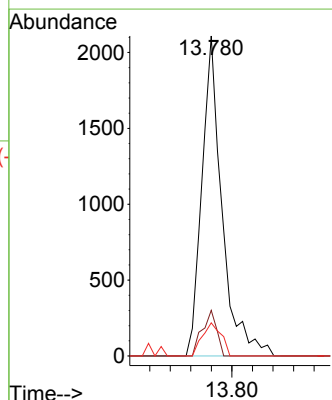
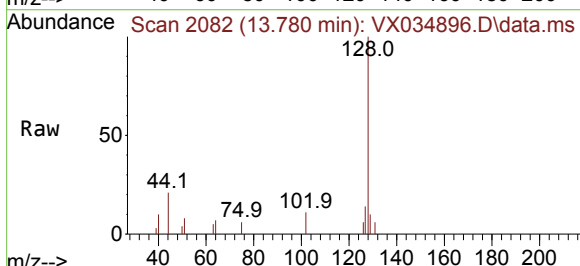
Tgt Ion:128 Resp: 2871

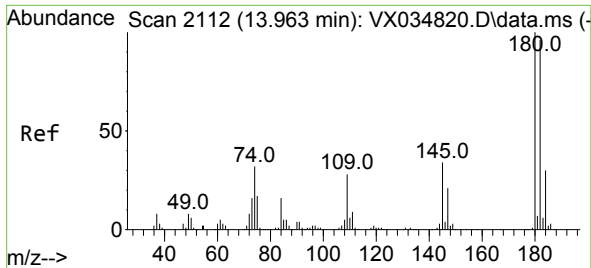
Ion Ratio Lower Upper

128 100

127 10.2 10.2 15.4

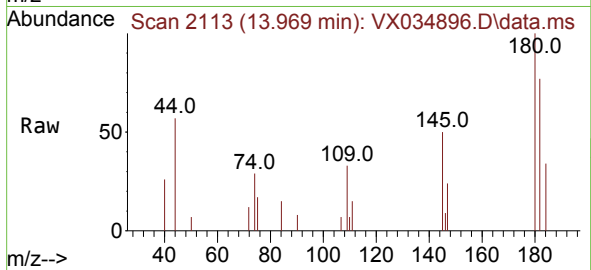
129 9.7 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.327 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX034896.D
 Acq: 01 Apr 2023 02:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01



Tgt Ion:180	Resp:	1091
Ion	Ratio	Lower Upper
180	100	
182	91.8	48.0 144.2
145	40.5	17.7 53.1

