

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035010.D
 Acq On : 11 Apr 2023 15:34
 Operator : JC/MD
 Sample : 02271-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-040723

Quant Time: Apr 12 05:50:51 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)

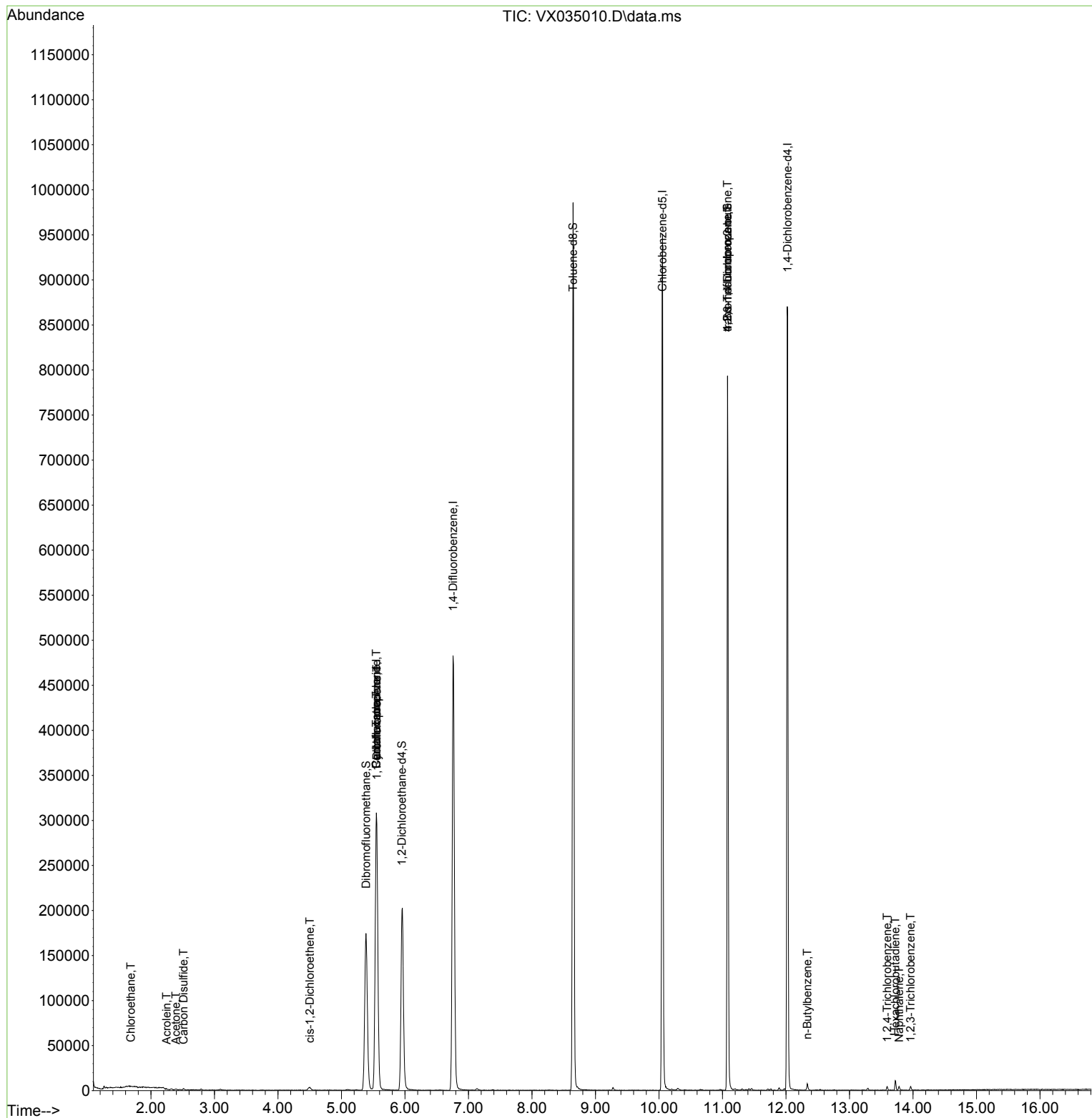
Internal Standards						
1) Pentafluorobenzene	5.550	168	286588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	484583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	431331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	200945	45.847	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.700%
35) Dibromofluoromethane	5.385	113	154122	48.086	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	8.647	98	581432	49.148	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	212308	46.375	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.760%
Target Compounds						
					Qvalue	
6) Chloroethane	1.685	64	471	0.204	ug/l #	42
13) Acrolein	2.246	56	222	0.280	ug/l	100
16) Acetone	2.392	43	928	0.521	ug/l #	75
17) Carbon Disulfide	2.514	76	1836	0.249	ug/l #	75
27) cis-1,2-Dichloroethene	4.501	96	2191	0.576	ug/l	86
31) Cyclohexane	5.550	56	6696	1.255	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23656	4.982	ug/l #	50
38) Carbon Tetrachloride	5.550	117	31039	6.933	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	110150	29.691	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	110150	88.983	ug/l #	8
89) n-Butylbenzene	12.335	91	2239	0.239	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	1259	0.365	ug/l	92
94) Hexachlorobutadiene	13.719	225	1586	1.046	ug/l	95
95) Naphthalene	13.780	128	3264	0.266	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	1270	0.365	ug/l	98

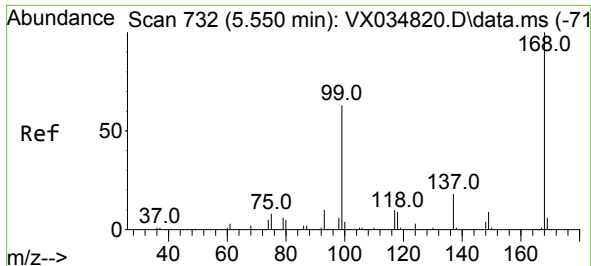
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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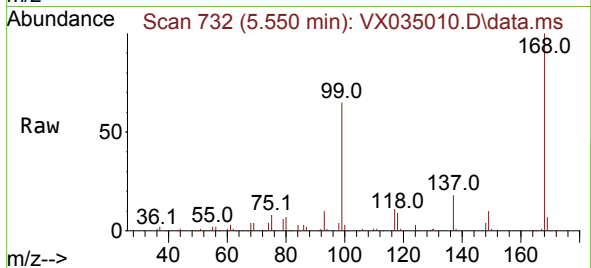
Quant Time: Apr 12 05:50:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration



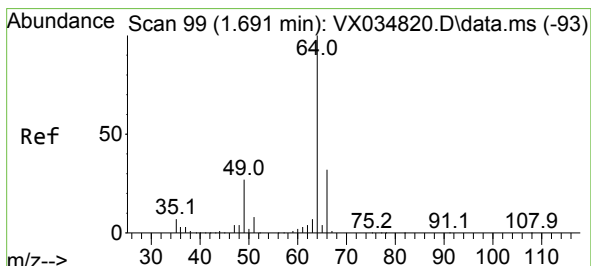
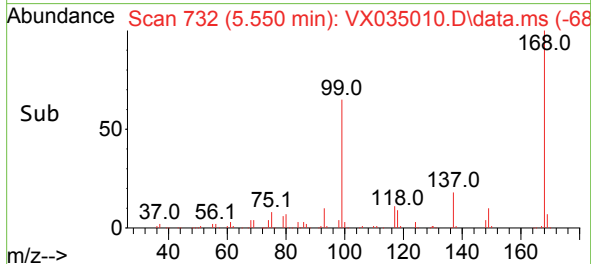
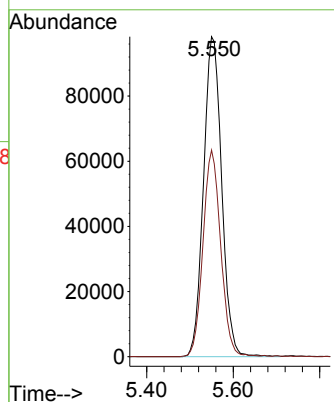


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

Instrument :
MSVOA_X
ClientSampleId :
MW-2-040723

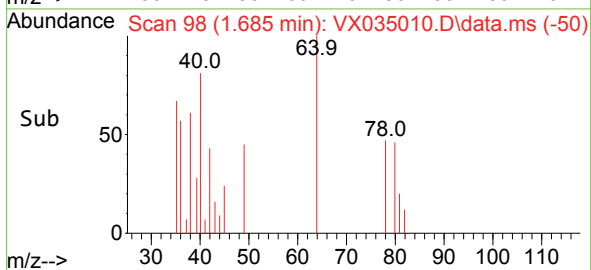
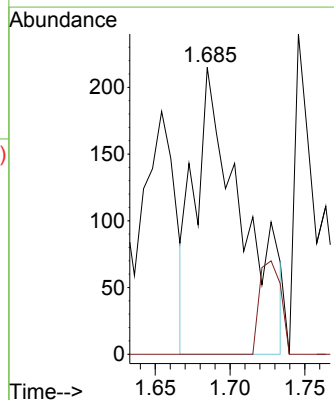
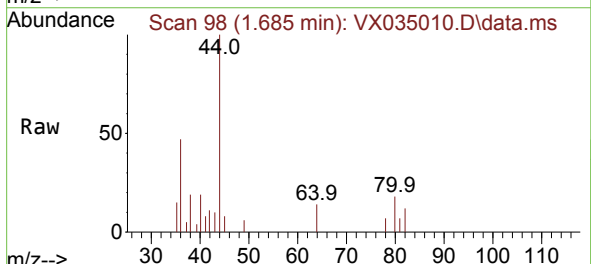


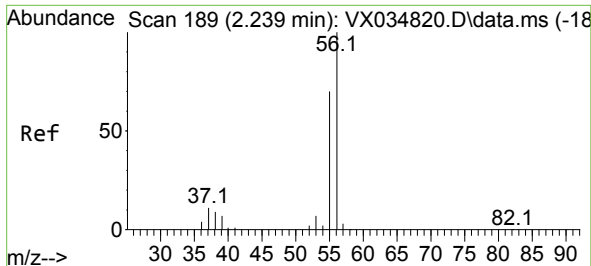
Tgt Ion:168 Resp: 286588
Ion Ratio Lower Upper
168 100
99 64.6 45.7 68.5



#6
Chloroethane
Concen: 0.204 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

Tgt Ion: 64 Resp: 471
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

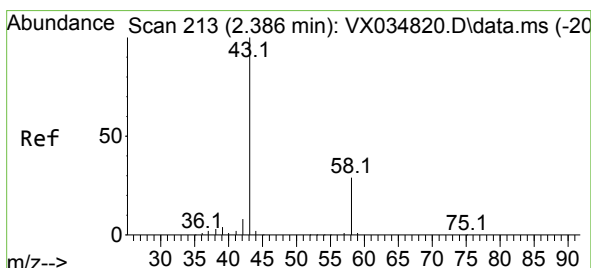
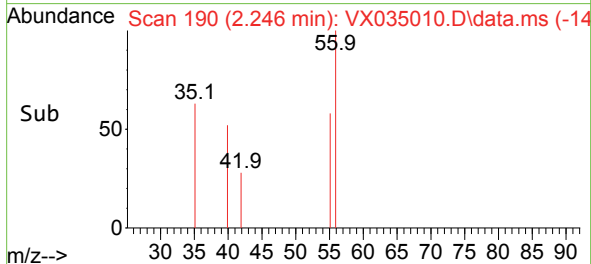
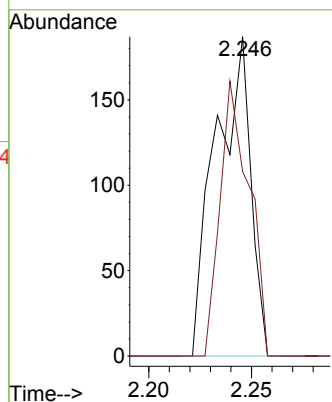
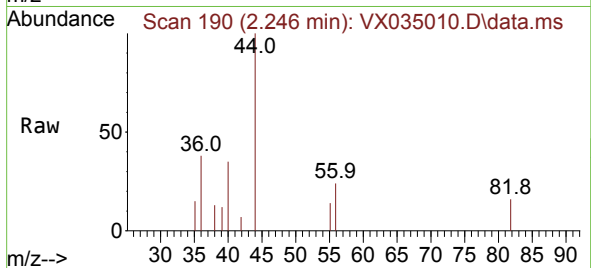




#13
Acrolein
Concen: 0.280 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

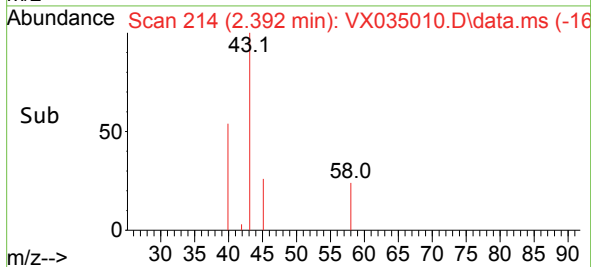
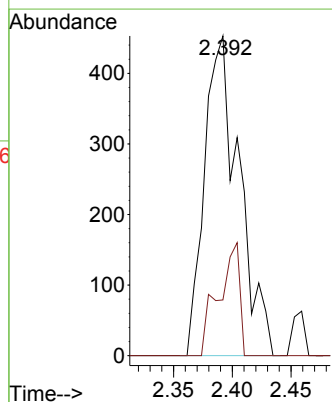
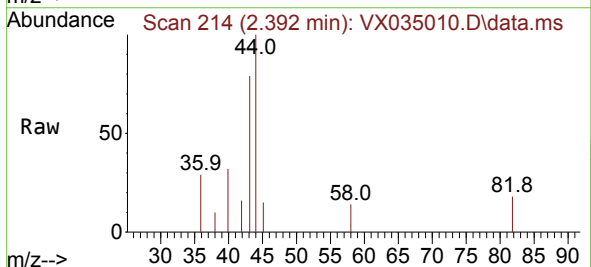
Instrument :
MSVOA_X
ClientSampleId :
MW-2-040723

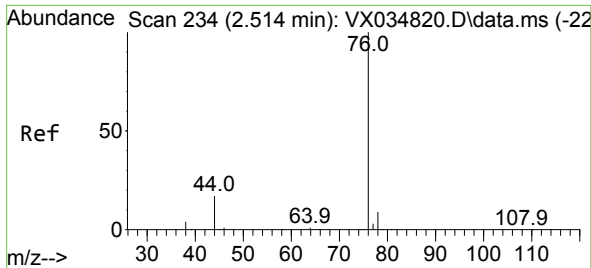
Tgt Ion: 56 Resp: 222
Ion Ratio Lower Upper
56 100
55 71.2 56.6 85.0



#16
Acetone
Concen: 0.521 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
58 17.4 24.7 37.1#





#17

Carbon Disulfide

Concen: 0.249 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX035010.D

Acq: 11 Apr 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

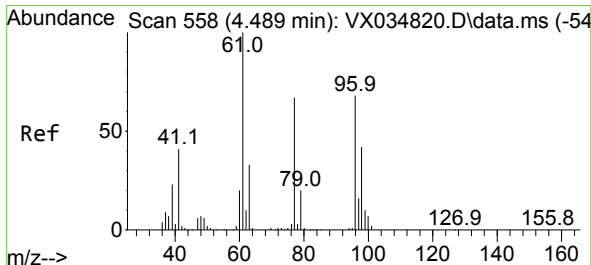
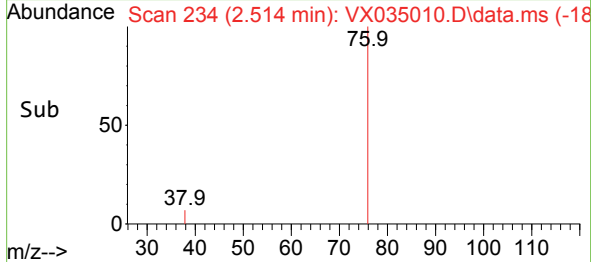
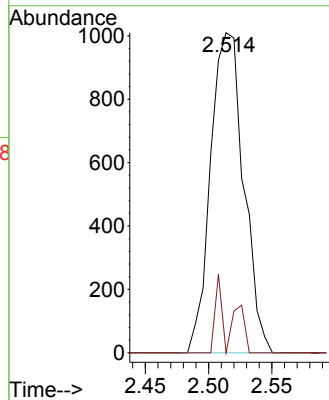
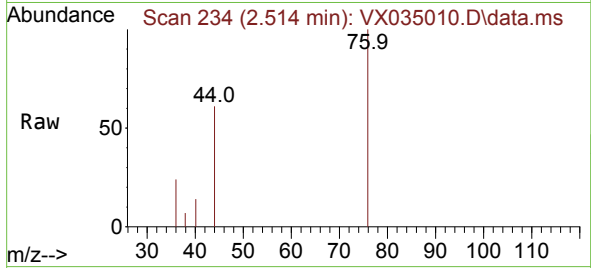
MW-2-040723

Tgt Ion: 76 Resp: 1836

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#27

cis-1,2-Dichloroethene

Concen: 0.576 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.012 min

Lab File: VX035010.D

Acq: 11 Apr 2023 15:34

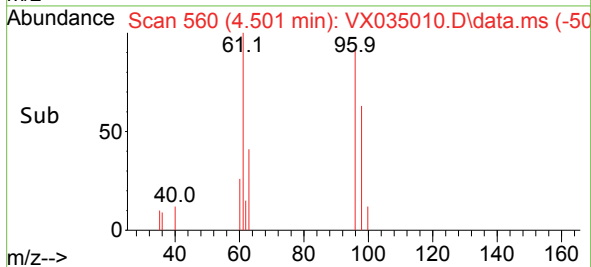
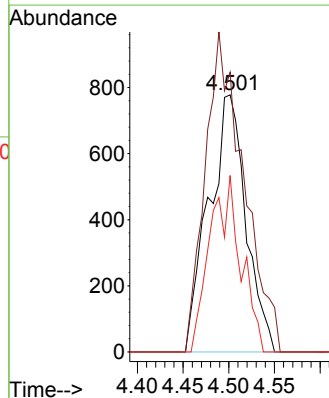
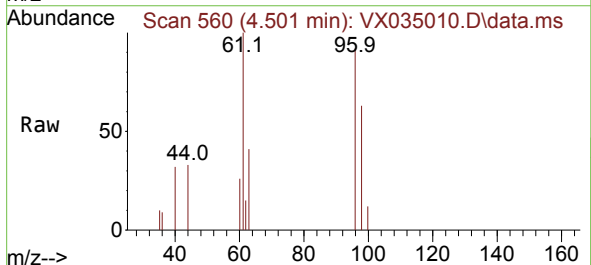
Tgt Ion: 96 Resp: 2191

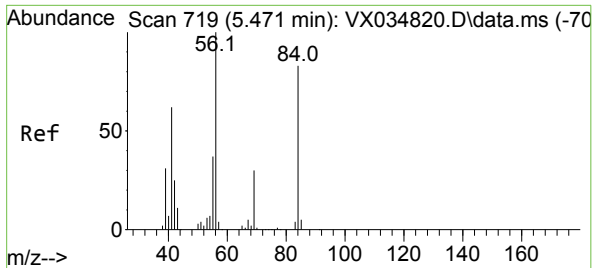
Ion Ratio Lower Upper

96 100

61 129.1 0.0 300.4

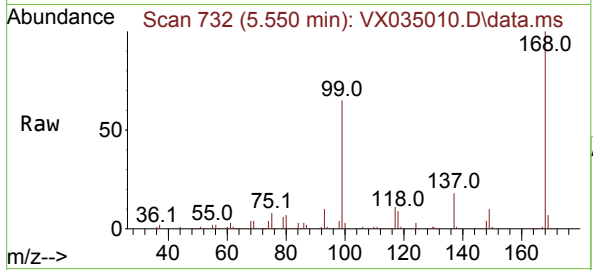
98 57.3 0.0 129.0



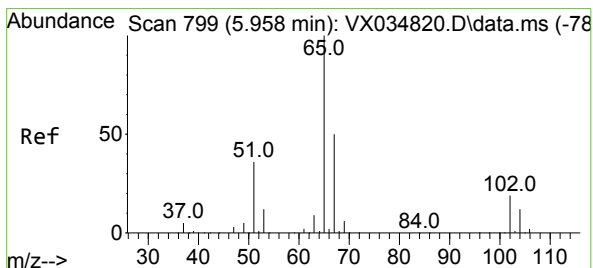
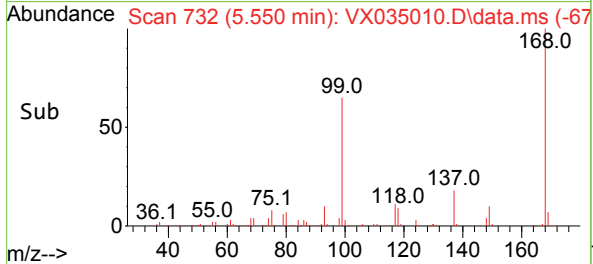
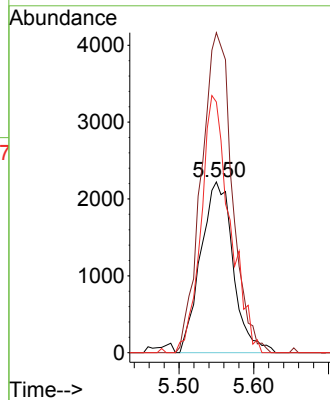


#31
Cyclohexane
Concen: 1.255 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

Instrument :
MSVOA_X
ClientSampleId :
MW-2-040723

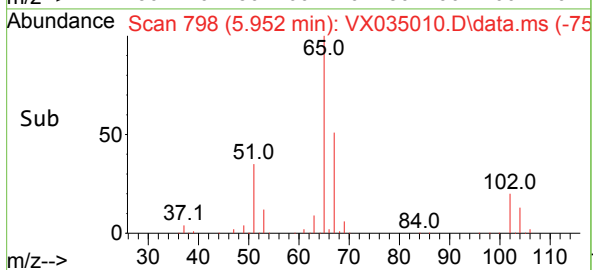
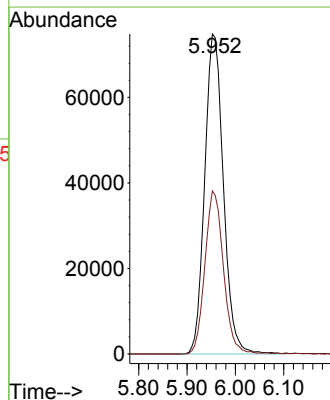
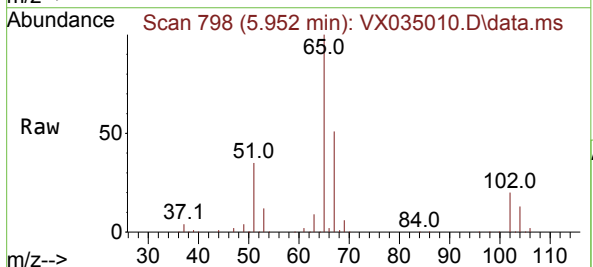


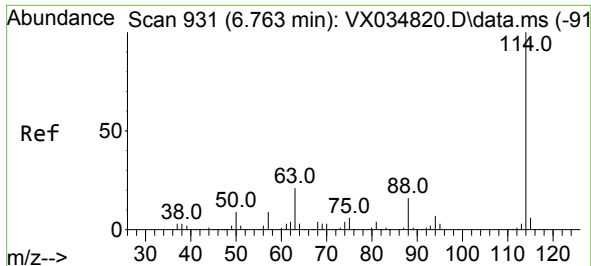
Tgt Ion: 56 Resp: 6696
Ion Ratio Lower Upper
56 100
69 187.4 23.7 35.5#
84 146.8 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 45.847 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

Tgt Ion: 65 Resp: 200945
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.0

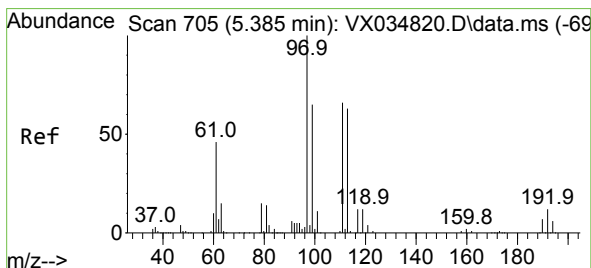
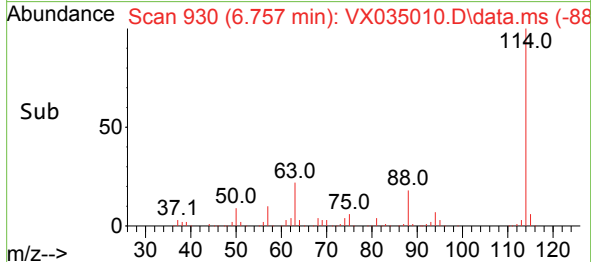
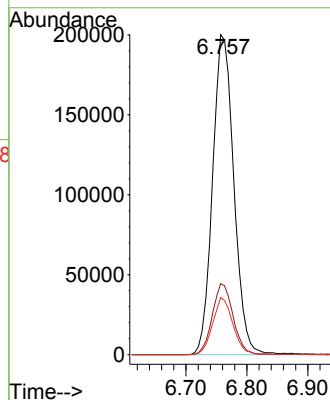
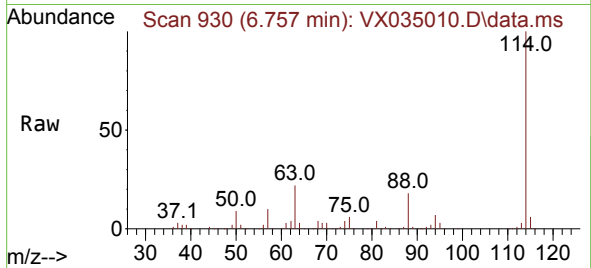




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

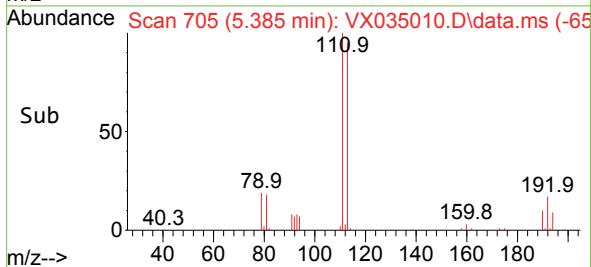
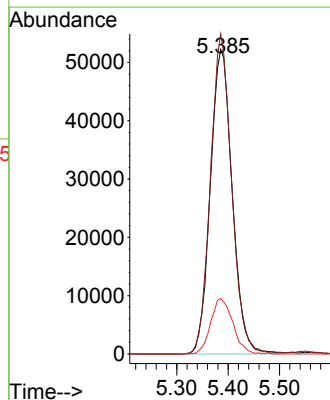
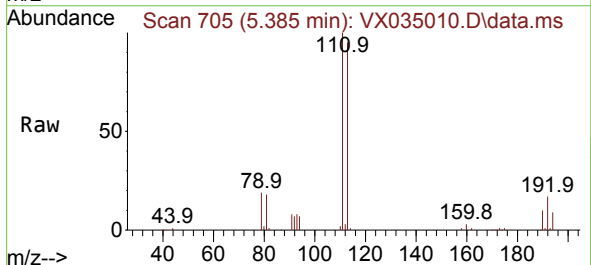
Instrument :
MSVOA_X
ClientSampleId :
MW-2-040723

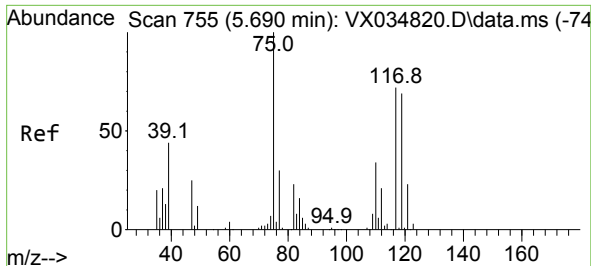
Tgt Ion:114 Resp: 484583
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.2
88 17.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.086 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

Tgt Ion:113 Resp: 154122
Ion Ratio Lower Upper
113 100
111 101.8 83.7 125.5
192 18.5 15.4 23.2

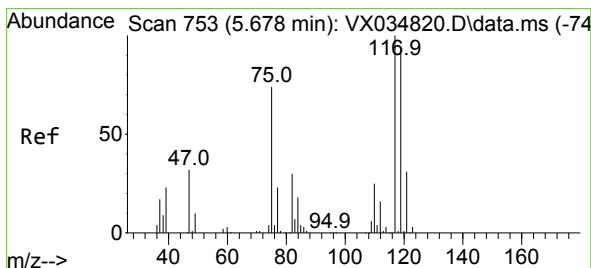
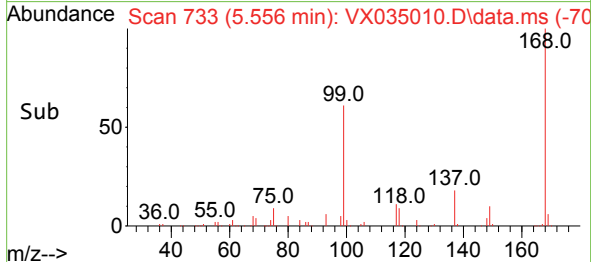
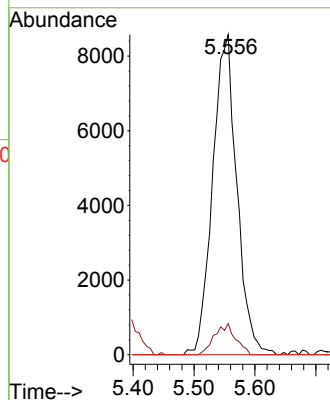
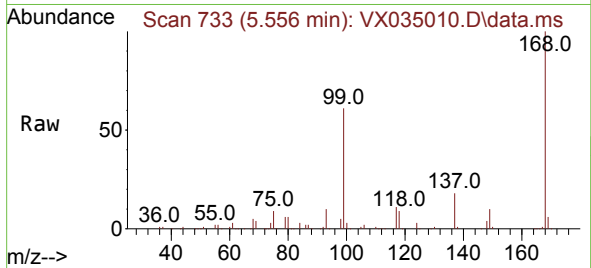




#36
 1,1-Dichloropropene
 Concen: 4.982 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. -0.134 min
 Lab File: VX035010.D
 Acq: 11 Apr 2023 15:34

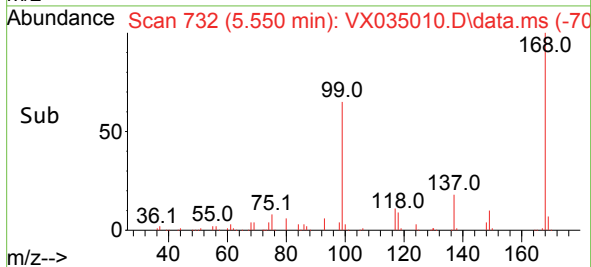
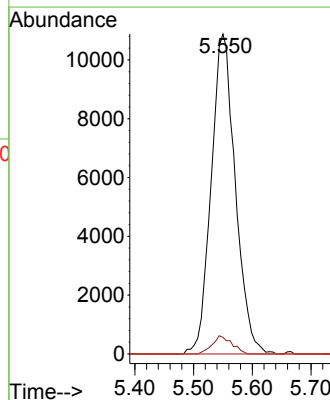
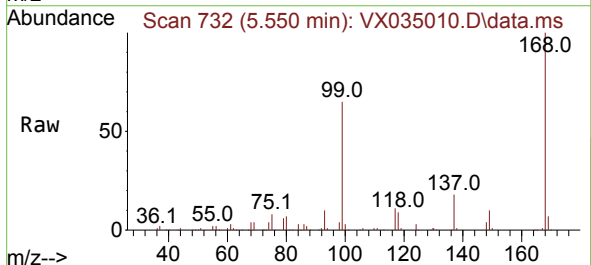
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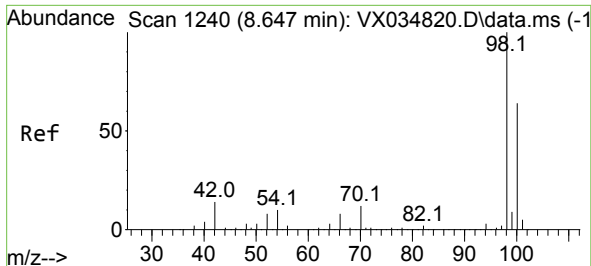
Tgt Ion: 75 Resp: 23656
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.5 52.5#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.933 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.128 min
 Lab File: VX035010.D
 Acq: 11 Apr 2023 15:34

Tgt Ion: 117 Resp: 31039
 Ion Ratio Lower Upper
 117 100
 119 5.2 76.6 114.8#
 121 0.0 23.8 35.6#

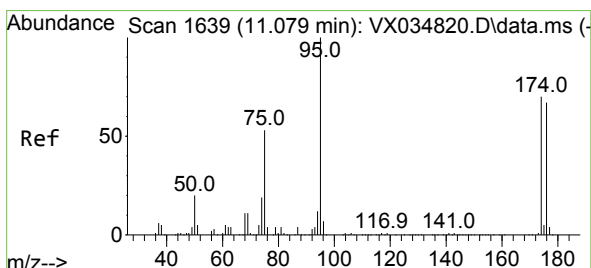
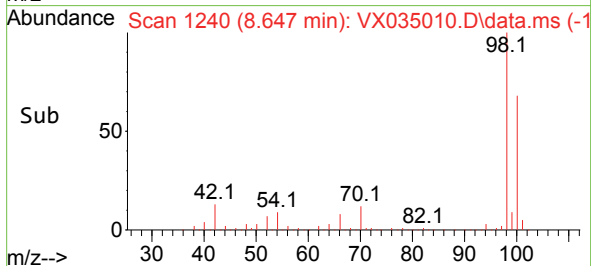
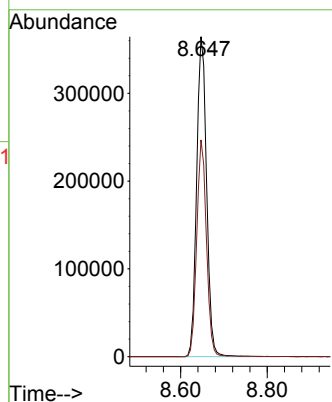
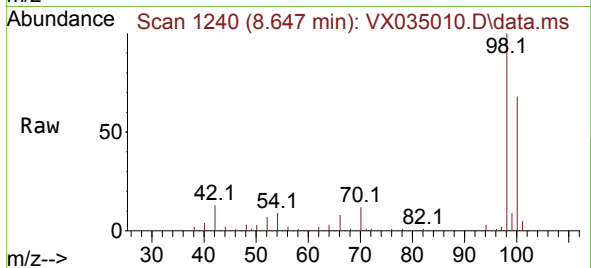




#50
Toluene-d8
Concen: 49.148 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

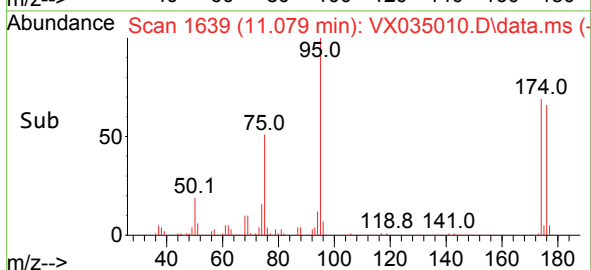
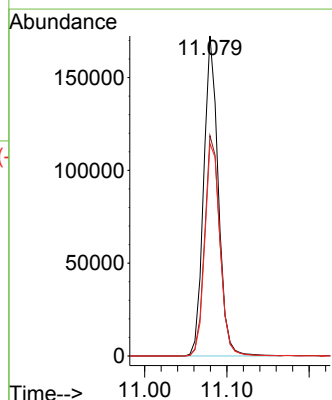
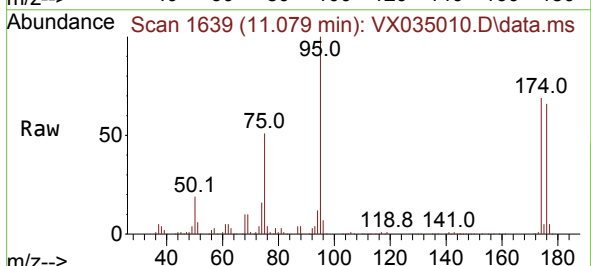
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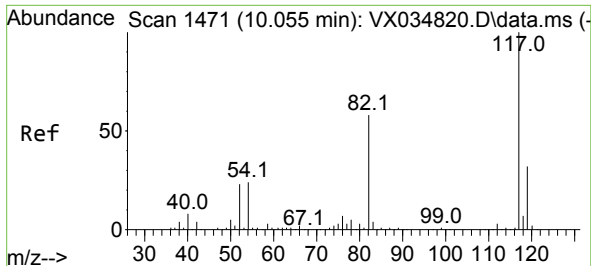
Tgt Ion: 98 Resp: 581432
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

Tgt Ion: 95 Resp: 212308
Ion Ratio Lower Upper
95 100
174 71.8 0.0 147.4
176 69.5 0.0 140.6

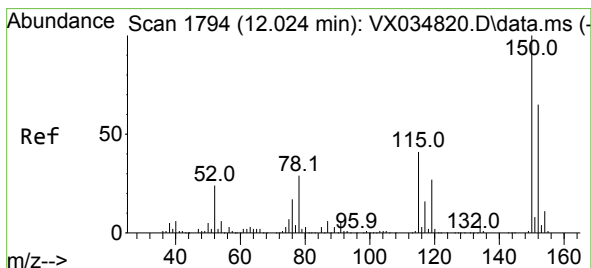
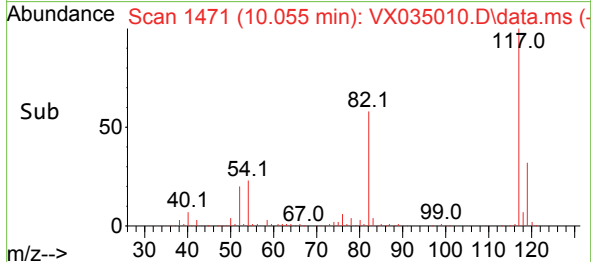
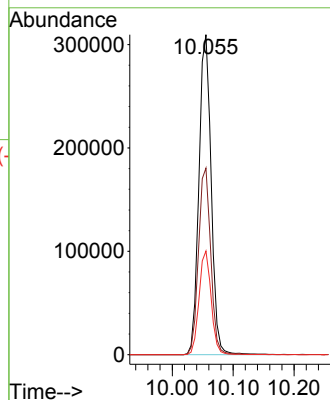
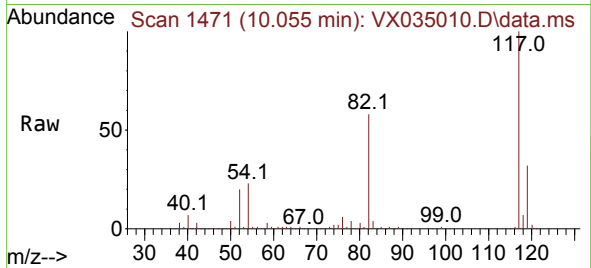




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

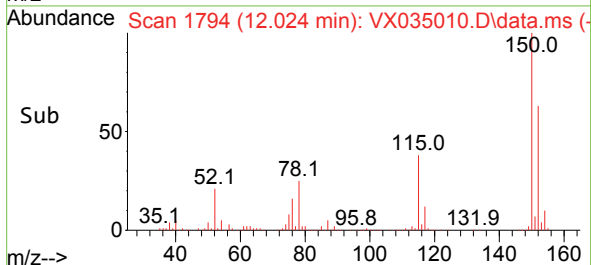
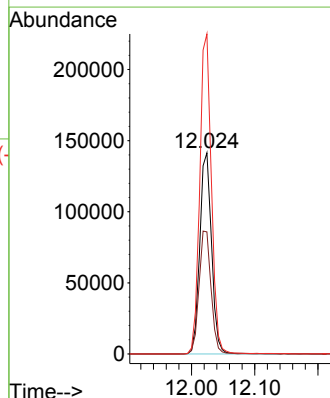
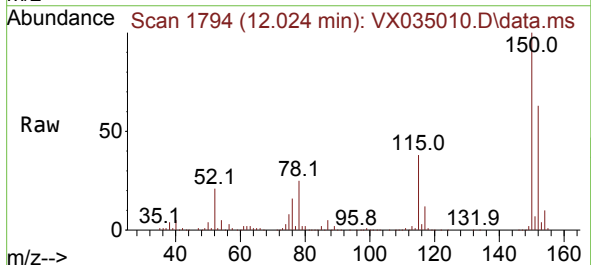
Instrument :
MSVOA_X
ClientSampleId :
MW-2-040723

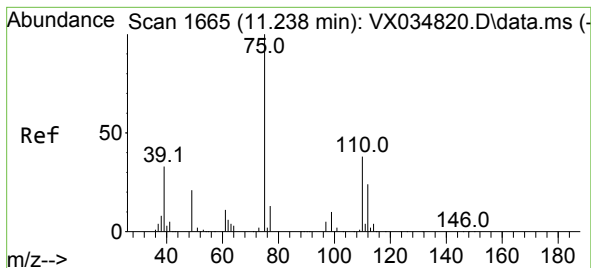
Tgt Ion:117 Resp: 431331
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.4
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

Tgt Ion:152 Resp: 184117
Ion Ratio Lower Upper
152 100
115 62.2 45.0 135.0
150 156.8 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 29.691 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX035010.D

Acq: 11 Apr 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

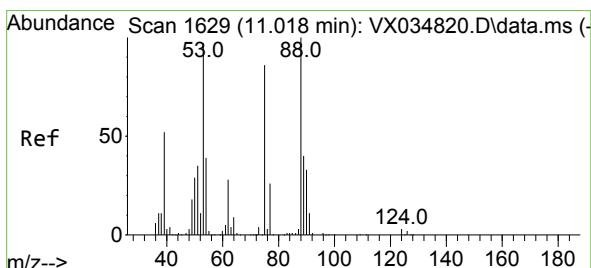
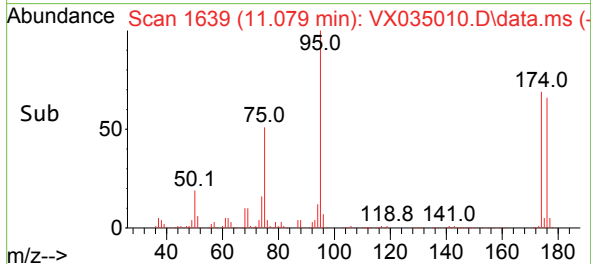
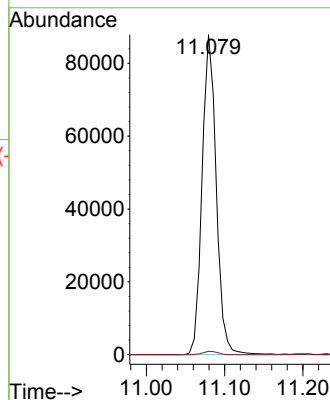
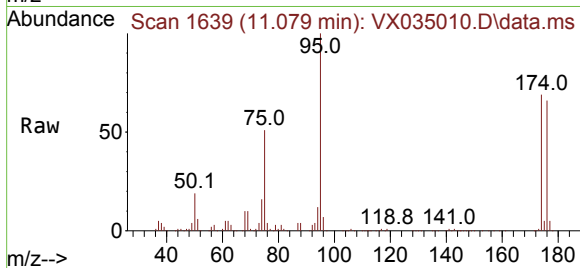
MW-2-040723

Tgt Ion: 75 Resp: 110150

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.983 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035010.D

Acq: 11 Apr 2023 15:34

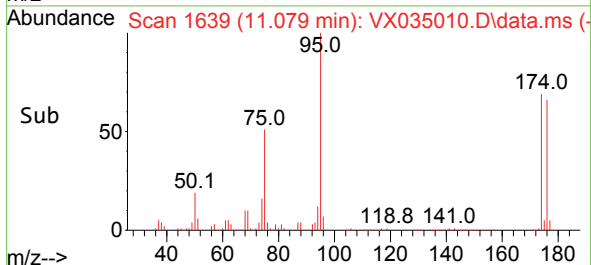
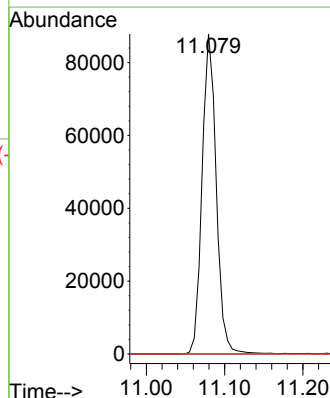
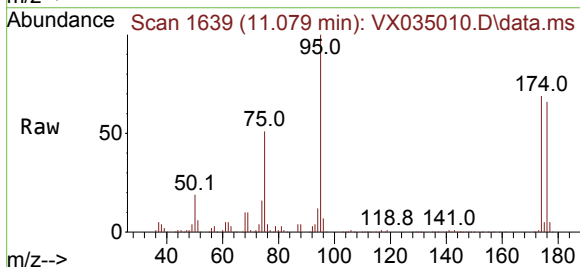
Tgt Ion: 75 Resp: 110150

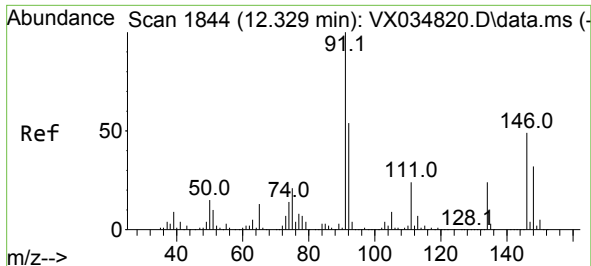
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#





#89

n-Butylbenzene

Concen: 0.239 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX035010.D

Acq: 11 Apr 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

MW-2-040723

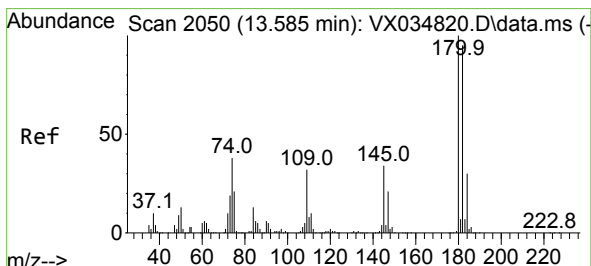
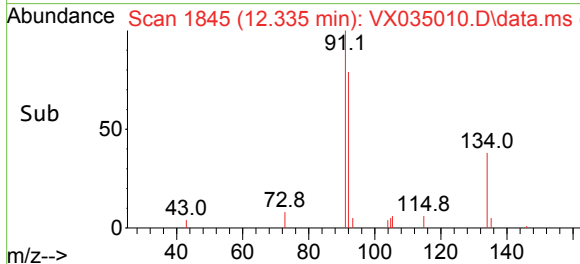
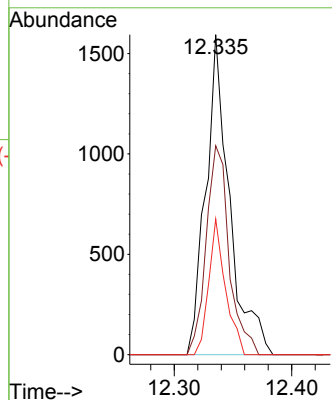
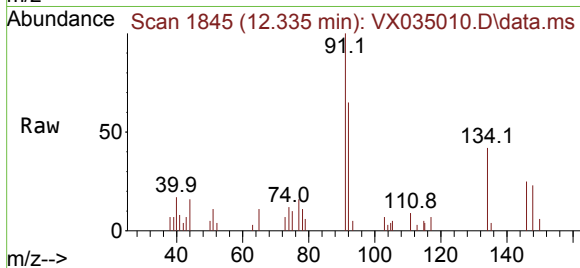
Tgt Ion: 91 Resp: 2239

Ion Ratio Lower Upper

91 100

92 63.0 27.7 83.0

134 29.9 13.0 38.9



#93

1,2,4-Trichlorobenzene

Concen: 0.365 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX035010.D

Acq: 11 Apr 2023 15:34

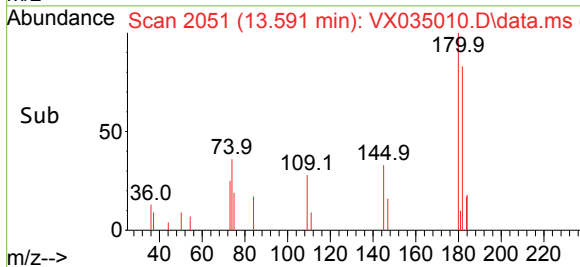
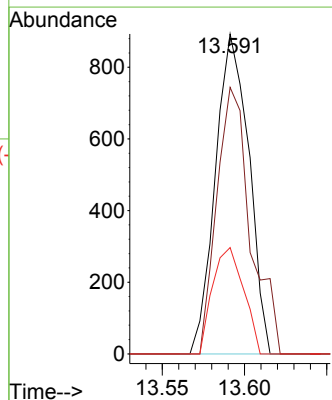
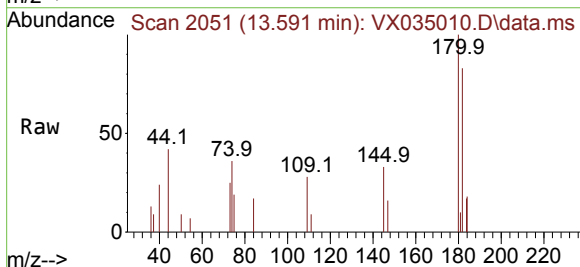
Tgt Ion:180 Resp: 1259

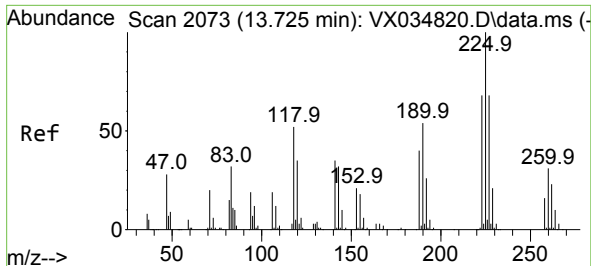
Ion Ratio Lower Upper

180 100

182 84.1 47.0 141.0

145 30.9 15.9 47.7

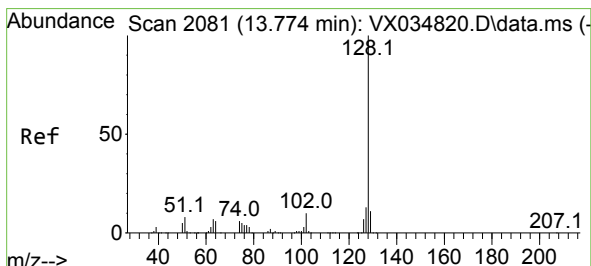
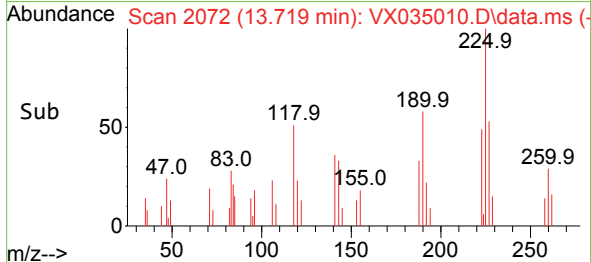
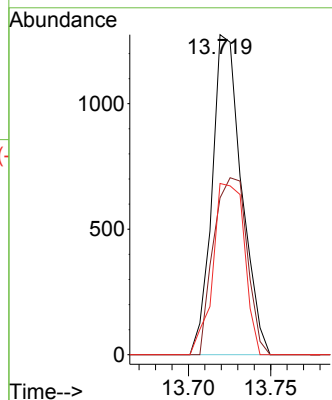
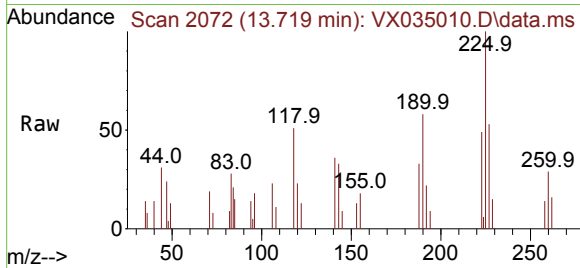




#94
Hexachlorobutadiene
Concen: 1.046 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

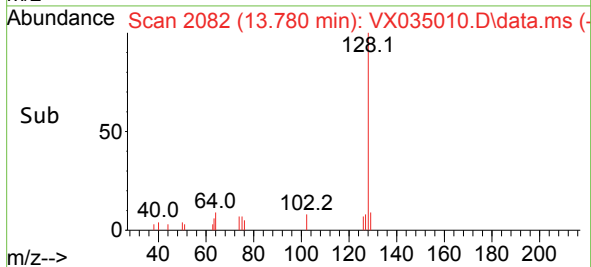
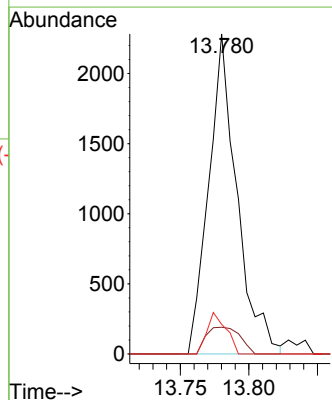
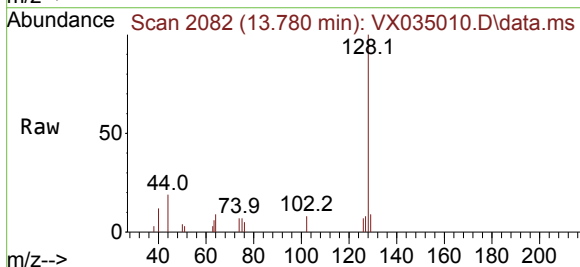
Instrument :
MSVOA_X
ClientSampleId :
MW-2-040723

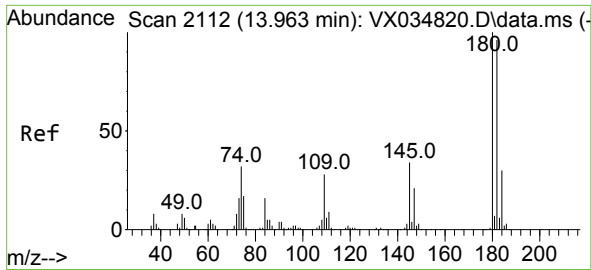
Tgt Ion:225 Resp: 1586
Ion Ratio Lower Upper
225 100
223 63.0 32.1 96.5
227 57.0 31.8 95.4



#95
Naphthalene
Concen: 0.266 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

Tgt Ion:128 Resp: 3264
Ion Ratio Lower Upper
128 100
127 10.0 10.2 15.4#
129 8.8 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 0.365 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX035010.D

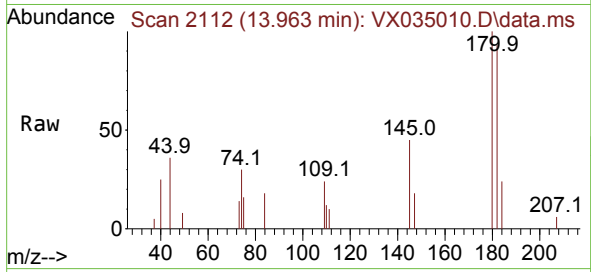
Acq: 11 Apr 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

MW-2-040723



Tgt Ion:180 Resp: 1270

Ion Ratio Lower Upper

180 100

182 98.7 48.0 144.2

145 35.9 17.7 53.1

