

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040323\
 Data File : VX034922.D
 Acq On : 03 Apr 2023 11:19
 Operator : JC/MD
 Sample : 02159-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MP-7

Quant Time: Apr 03 21:34:36 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)

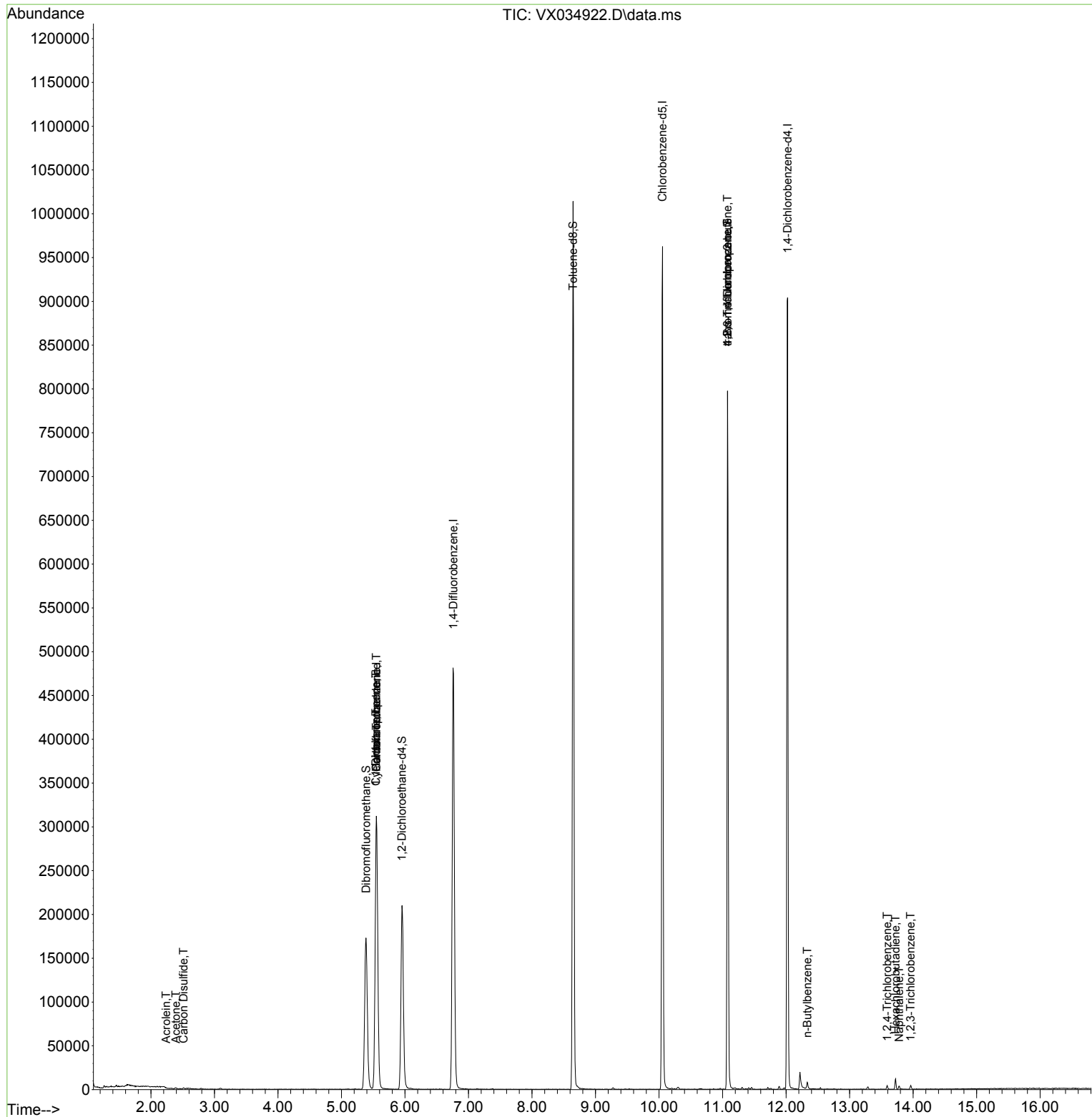
Internal Standards						
1) Pentafluorobenzene	5.550	168	280763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	480105	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	423567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	211545	49.267	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.540%
35) Dibromofluoromethane	5.385	113	152439	48.005	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.000%
50) Toluene-d8	8.647	98	570557	48.678	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.360%
62) 4-Bromofluorobenzene	11.079	95	213782	47.133	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.260%
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	190	0.245	ug/l #	43
16) Acetone	2.392	43	1254	0.719	ug/l #	53
17) Carbon Disulfide	2.514	76	1711	0.237	ug/l #	94
31) Cyclohexane	5.544	56	6758	1.293	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	24332	5.172	ug/l #	51
38) Carbon Tetrachloride	5.550	117	31168	7.027	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	114657	30.596	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	114657	91.693	ug/l #	8
89) n-Butylbenzene	12.335	91	2889	0.305	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	1277	0.367	ug/l	94
94) Hexachlorobutadiene	13.725	225	1647	1.075	ug/l	93
95) Naphthalene	13.780	128	2904	0.235	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	1263	0.360	ug/l	94

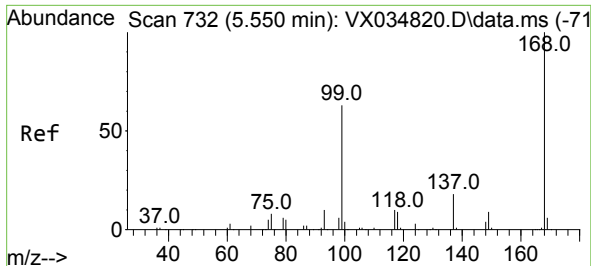
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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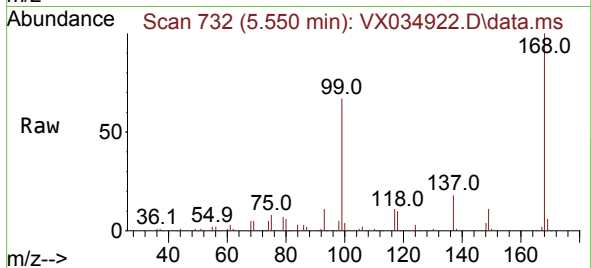
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration



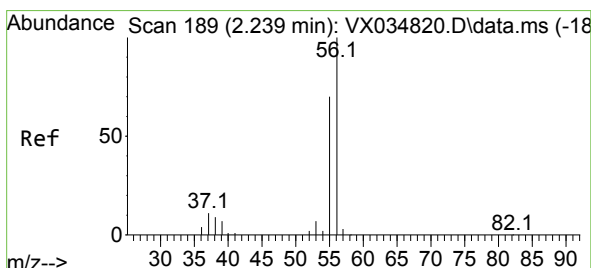
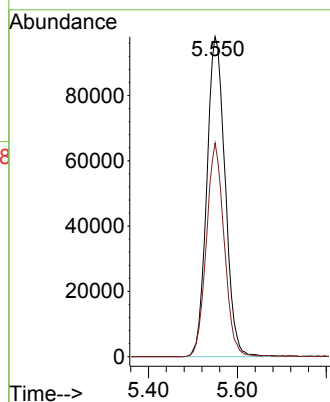
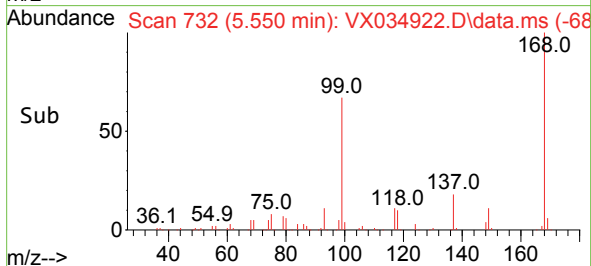


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034922.D
Acq: 03 Apr 2023 11:19

Instrument :
MSVOA_X
ClientSampleId :
MP-7

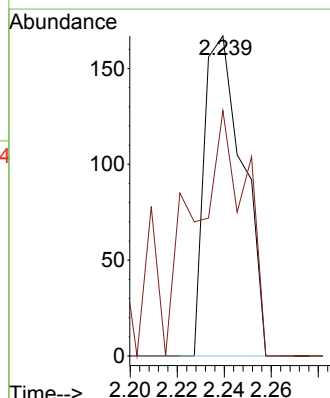
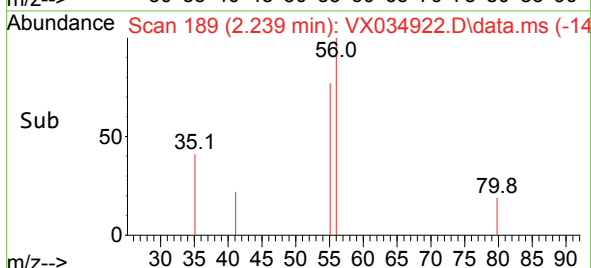
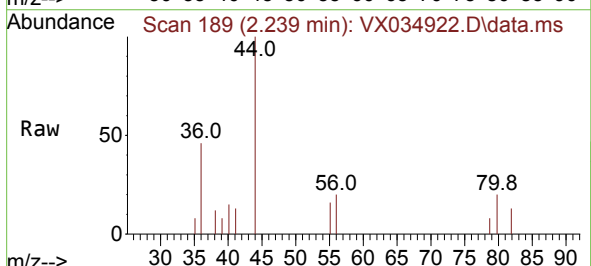


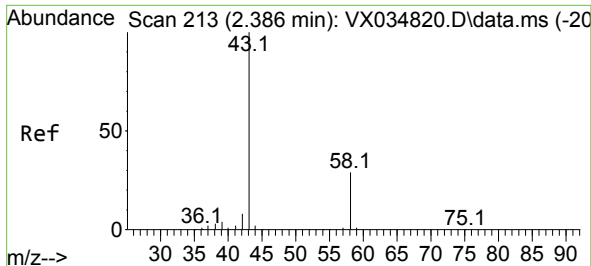
Tgt Ion:168 Resp: 280763
Ion Ratio Lower Upper
168 100
99 66.8 45.7 68.5



#13
Acrolein
Concen: 0.245 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX034922.D
Acq: 03 Apr 2023 11:19

Tgt Ion: 56 Resp: 190
Ion Ratio Lower Upper
56 100
55 117.9 56.6 85.0#

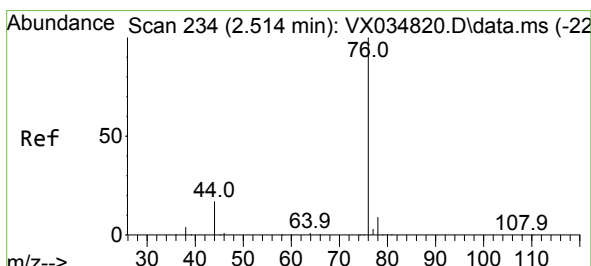
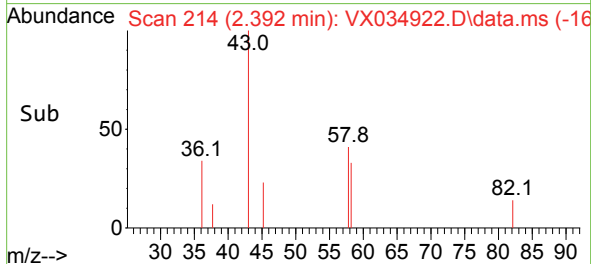
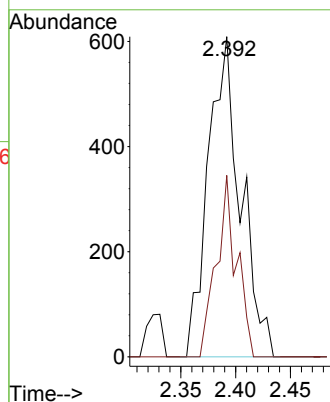
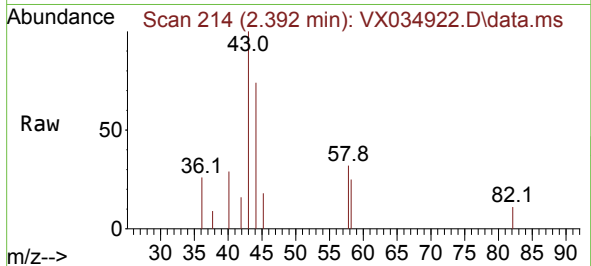




#16
Acetone
Concen: 0.719 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX034922.D
Acq: 03 Apr 2023 11:19

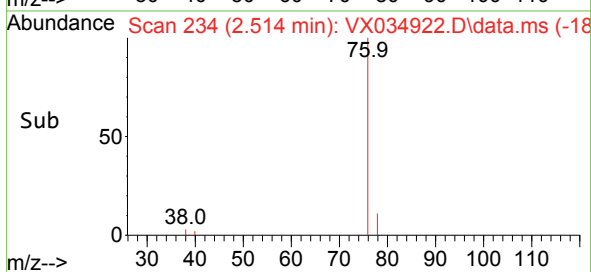
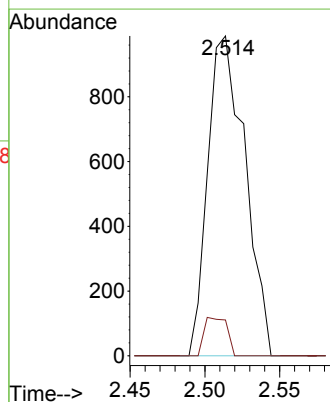
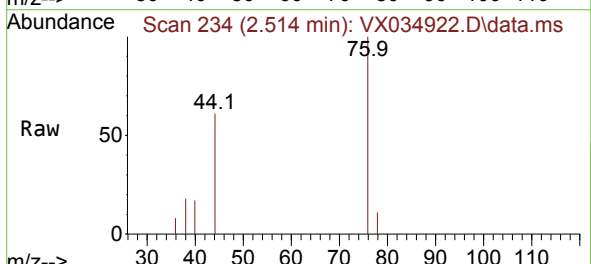
Instrument :
MSVOA_X
ClientSampleId :
MP-7

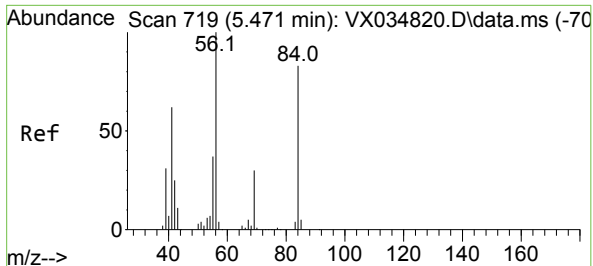
Tgt Ion: 43 Resp: 1254
Ion Ratio Lower Upper
43 100
58 56.7 24.7 37.1#



#17
Carbon Disulfide
Concen: 0.237 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX034922.D
Acq: 03 Apr 2023 11:19

Tgt Ion: 76 Resp: 1711
Ion Ratio Lower Upper
76 100
78 11.2 7.2 10.8#

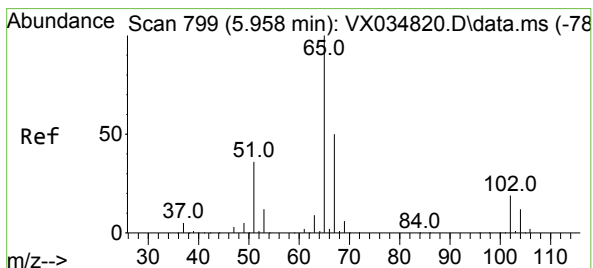
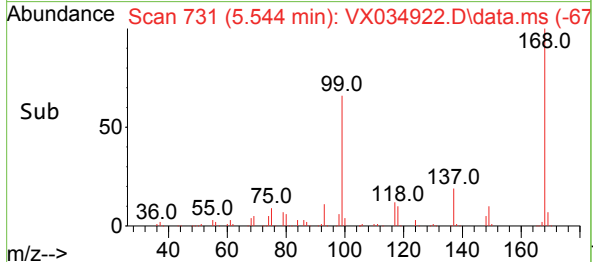
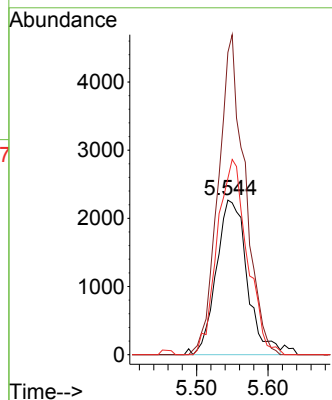
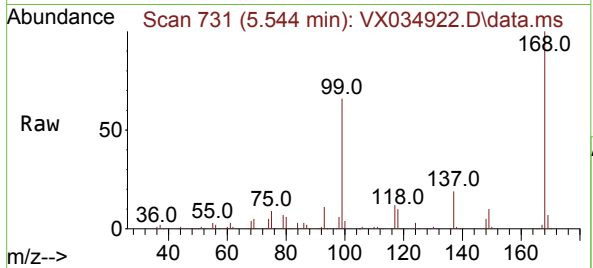




#31
Cyclohexane
Concen: 1.293 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034922.D
Acq: 03 Apr 2023 11:19

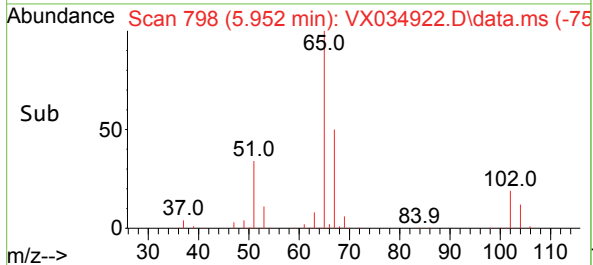
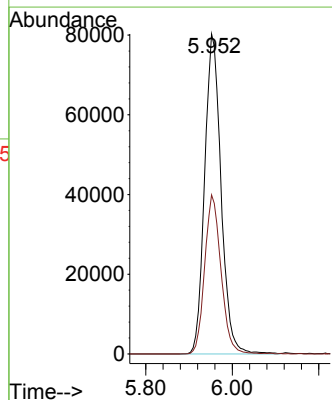
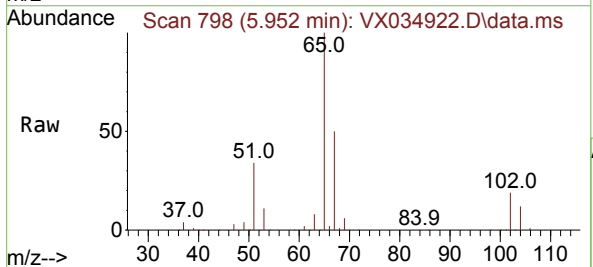
Instrument :
MSVOA_X
ClientSampleId :
MP-7

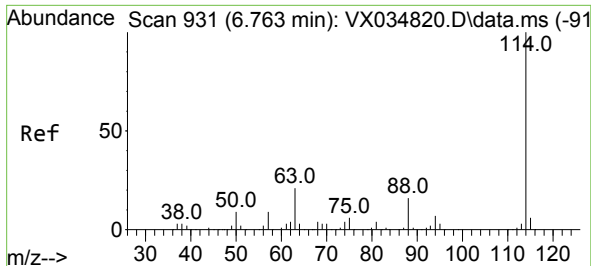
Tgt Ion: 56 Resp: 6758
Ion Ratio Lower Upper
56 100
69 195.6 23.7 35.5#
84 114.1 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.267 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034922.D
Acq: 03 Apr 2023 11:19

Tgt Ion: 65 Resp: 211545
Ion Ratio Lower Upper
65 100
67 49.3 0.0 104.0

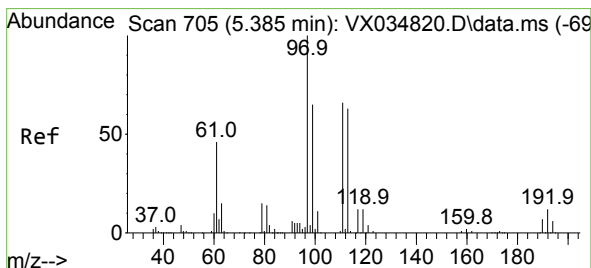
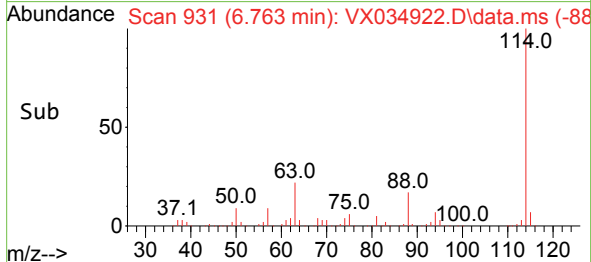
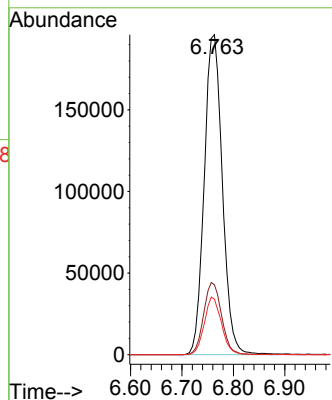
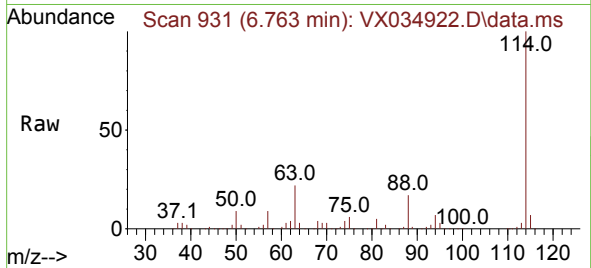




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034922.D
Acq: 03 Apr 2023 11:19

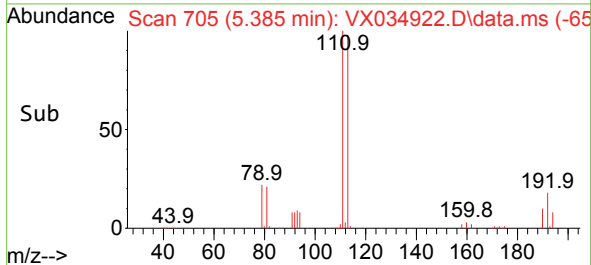
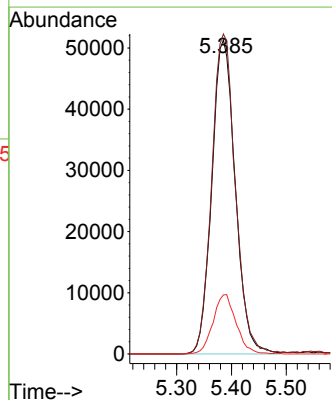
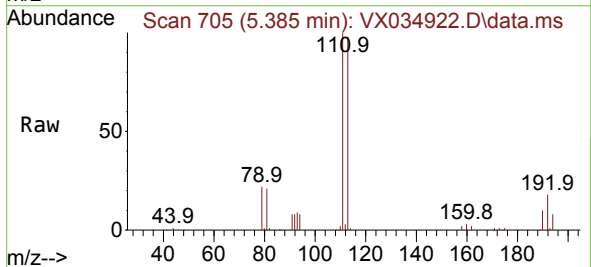
Instrument :
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MP-7

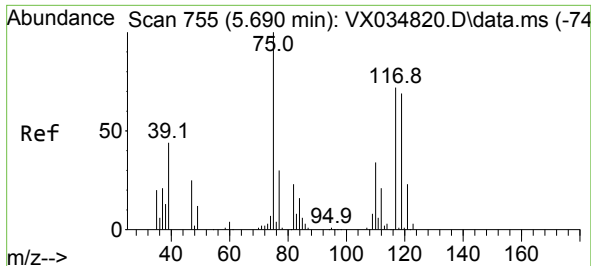
Tgt Ion:114 Resp: 480105
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.2
88 17.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.005 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034922.D
Acq: 03 Apr 2023 11:19

Tgt Ion:113 Resp: 152439
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 18.6 15.4 23.2

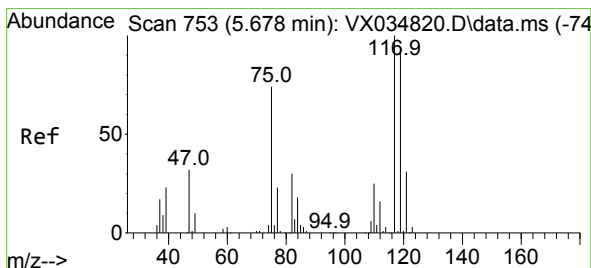
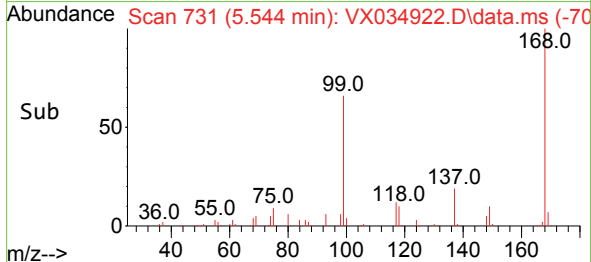
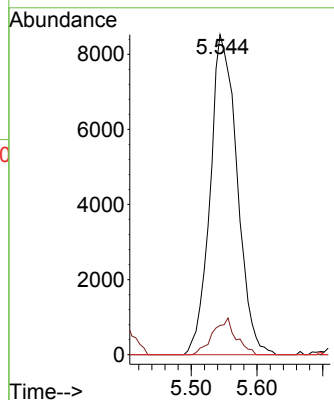
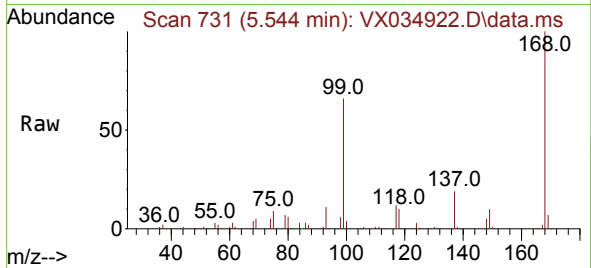




#36
1,1-Dichloropropene
Concen: 5.172 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX034922.D
Acq: 03 Apr 2023 11:19

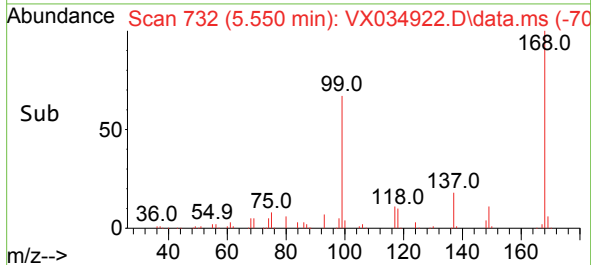
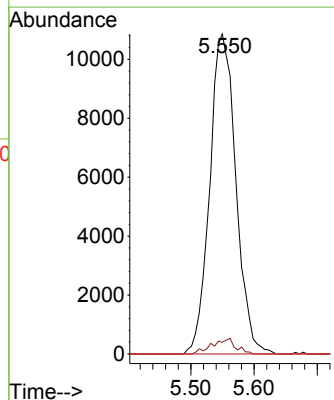
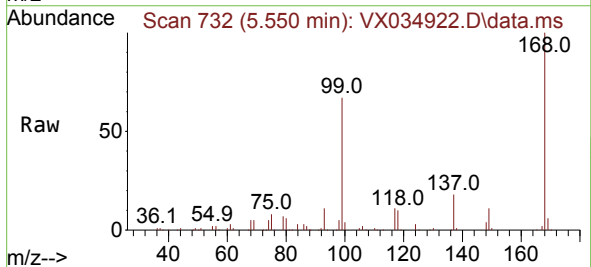
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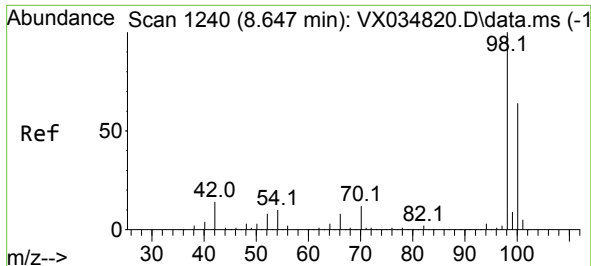
Tgt Ion: 75 Resp: 24332
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 7.027 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX034922.D
Acq: 03 Apr 2023 11:19

Tgt Ion: 117 Resp: 31168
Ion Ratio Lower Upper
117 100
119 3.7 76.6 114.8#
121 0.0 23.8 35.6#

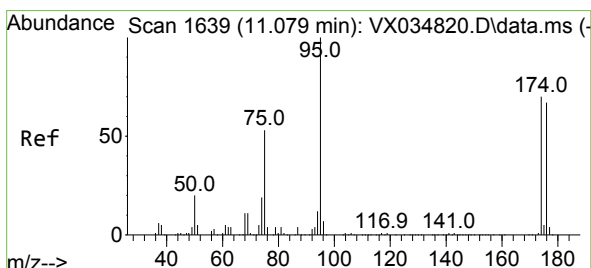
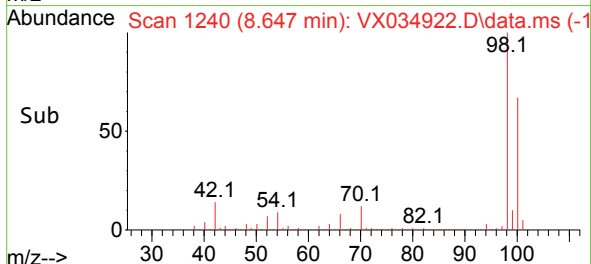
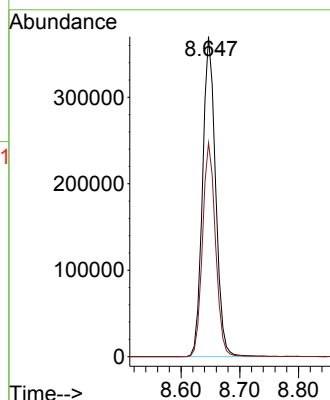
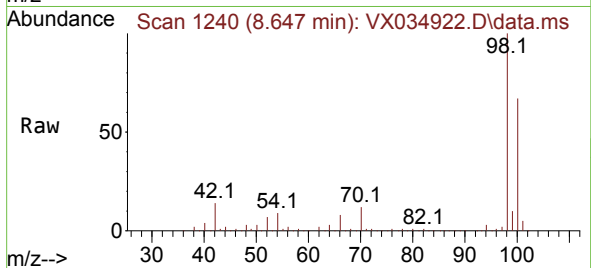




#50
Toluene-d8
Concen: 48.678 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034922.D
Acq: 03 Apr 2023 11:19

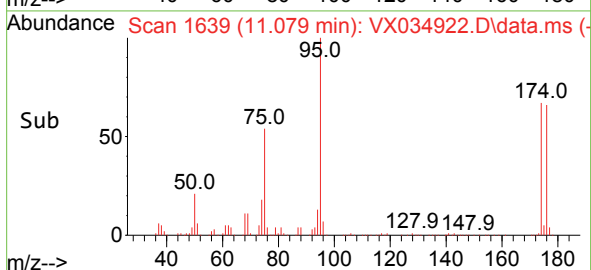
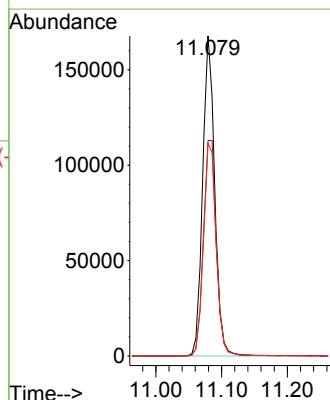
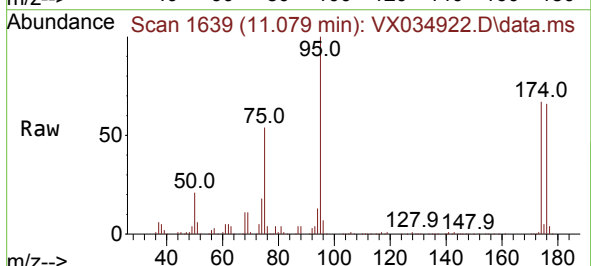
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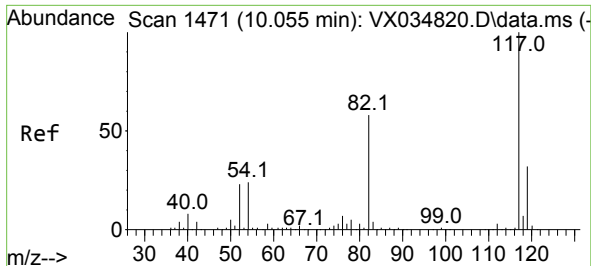
Tgt Ion: 98 Resp: 570557
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.133 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034922.D
Acq: 03 Apr 2023 11:19

Tgt Ion: 95 Resp: 213782
Ion Ratio Lower Upper
95 100
174 71.9 0.0 147.4
176 69.7 0.0 140.6

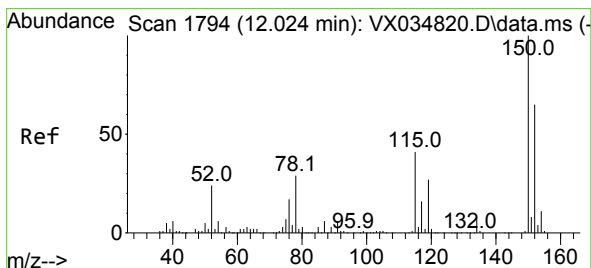
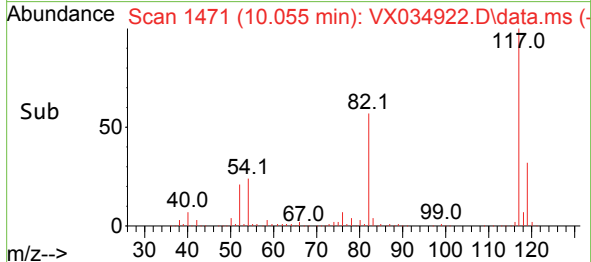
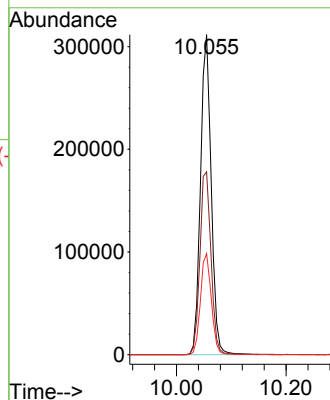
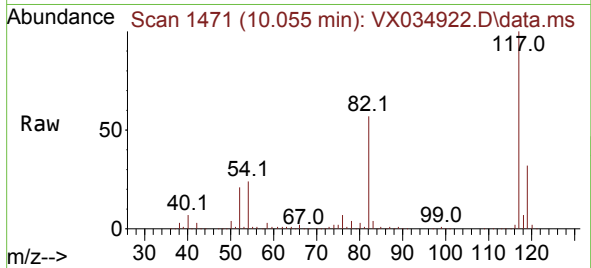




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034922.D
Acq: 03 Apr 2023 11:19

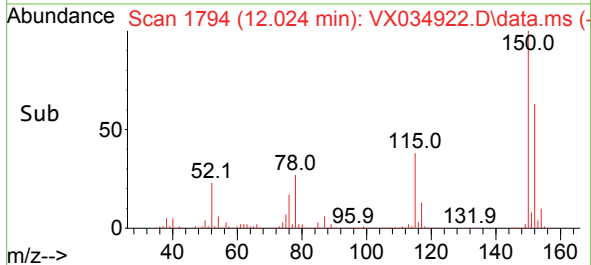
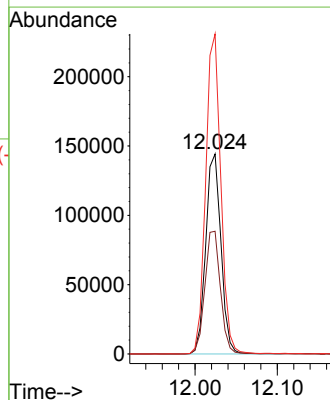
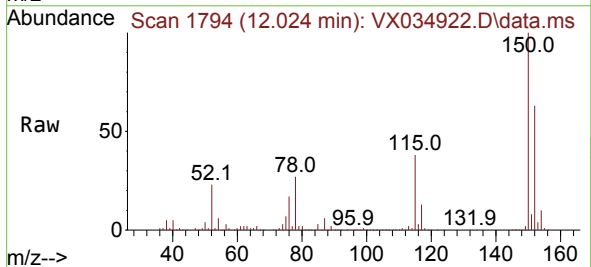
Instrument :
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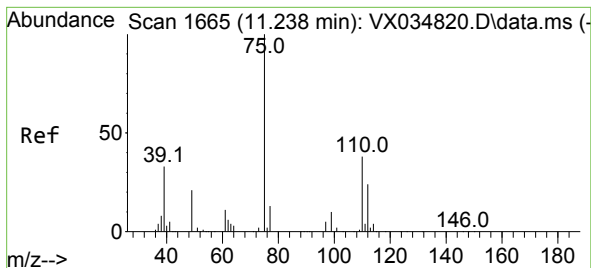
Tgt Ion:117 Resp: 423567
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 31.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034922.D
Acq: 03 Apr 2023 11:19

Tgt Ion:152 Resp: 185987
Ion Ratio Lower Upper
152 100
115 62.7 45.0 135.0
150 158.7 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 30.596 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX034922.D

Acq: 03 Apr 2023 11:19

Instrument :

MSVOA_X

ClientSampleId :

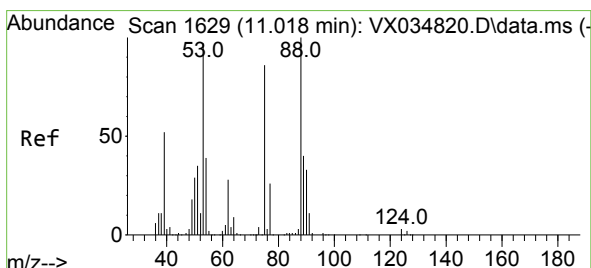
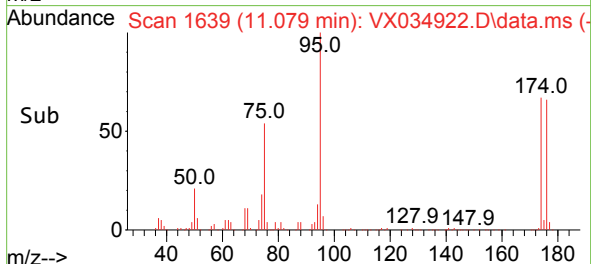
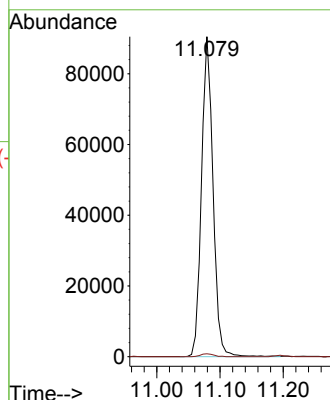
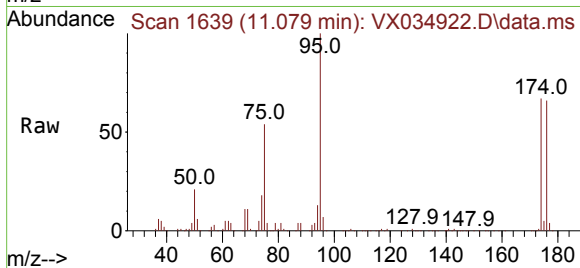
MP-7

Tgt Ion: 75 Resp: 114657

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.693 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034922.D

Acq: 03 Apr 2023 11:19

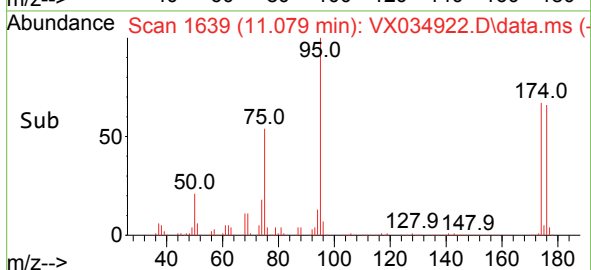
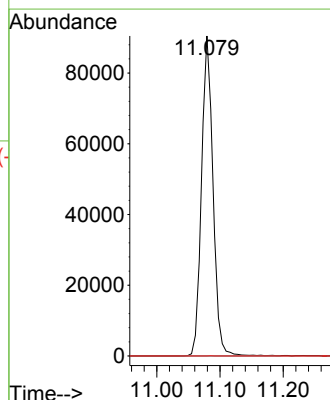
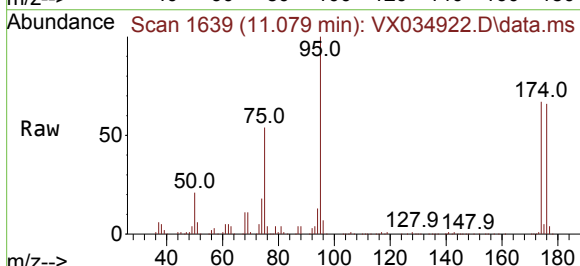
Tgt Ion: 75 Resp: 114657

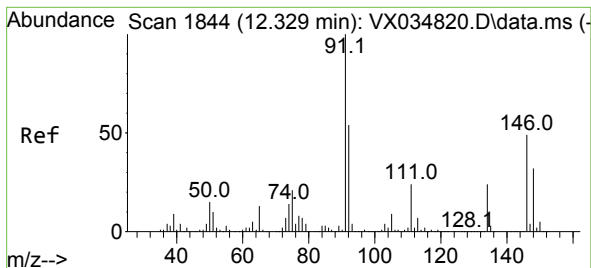
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#





#89

n-Butylbenzene

Concen: 0.305 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034922.D

Acq: 03 Apr 2023 11:19

Instrument :

MSVOA_X

ClientSampleId :

MP-7

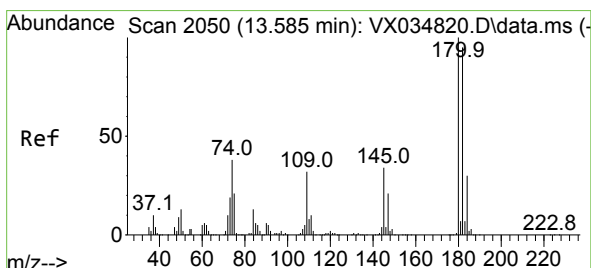
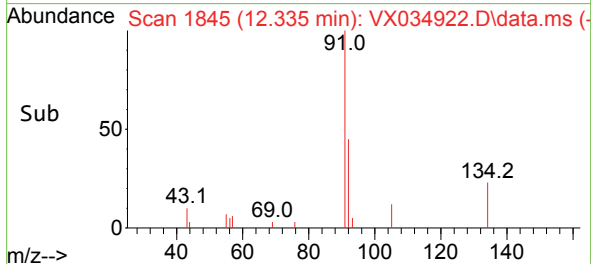
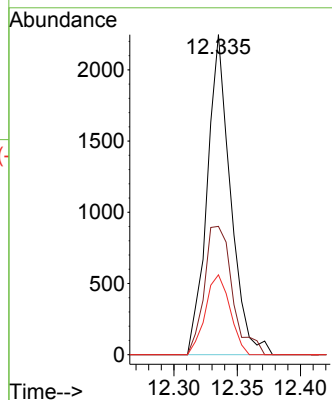
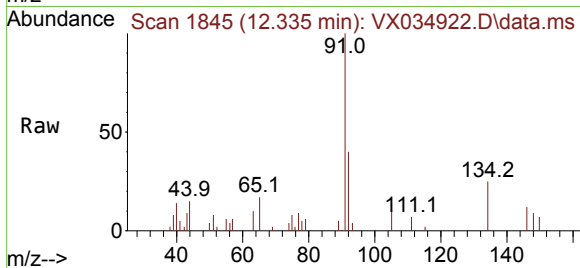
Tgt Ion: 91 Resp: 2889

Ion Ratio Lower Upper

91 100

92 48.2 27.7 83.0

134 26.3 13.0 38.9



#93

1,2,4-Trichlorobenzene

Concen: 0.367 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034922.D

Acq: 03 Apr 2023 11:19

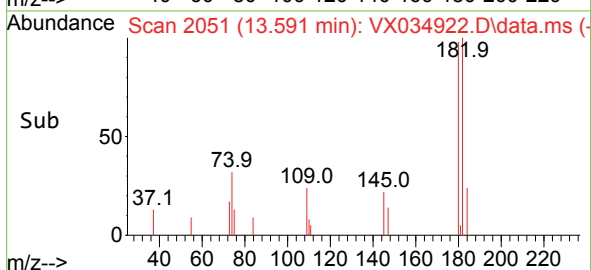
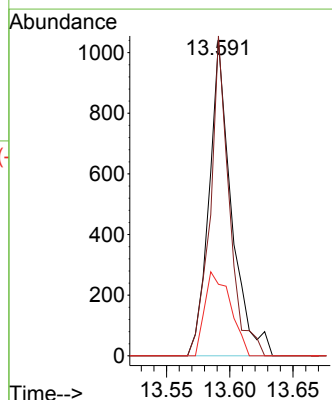
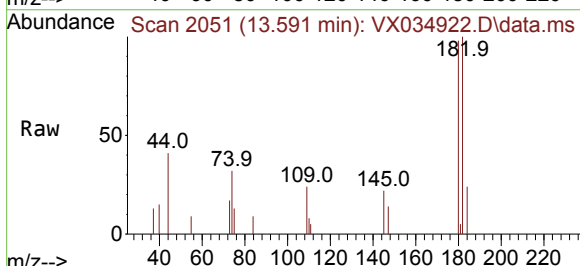
Tgt Ion: 180 Resp: 1277

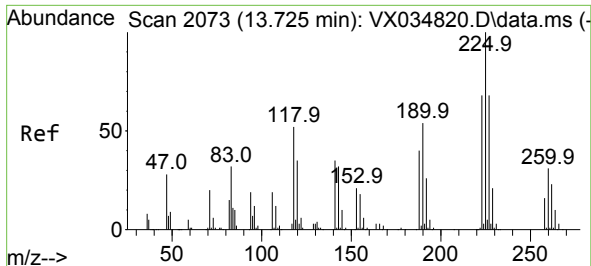
Ion Ratio Lower Upper

180 100

182 86.6 47.0 141.0

145 30.6 15.9 47.7

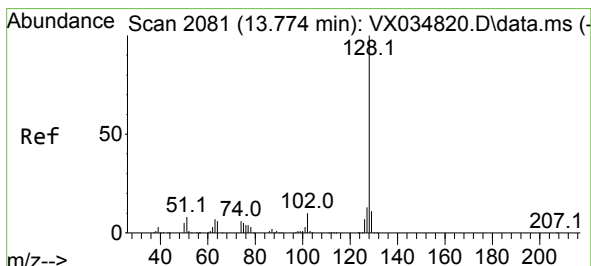
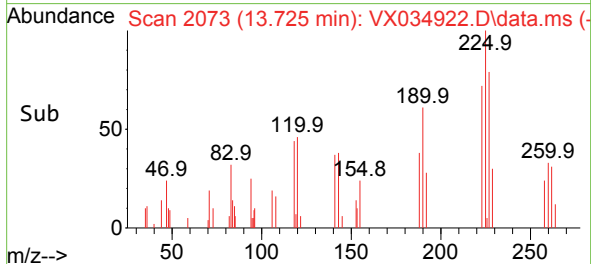
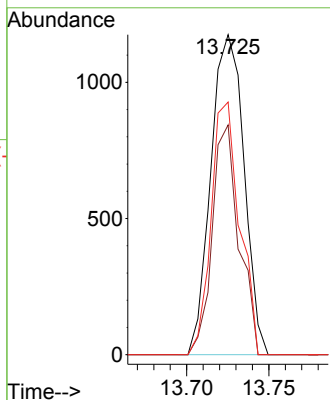
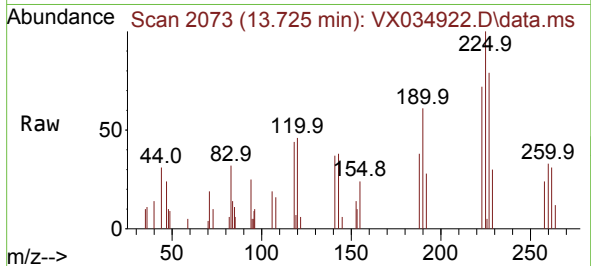




#94
Hexachlorobutadiene
Concen: 1.075 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034922.D
Acq: 03 Apr 2023 11:19

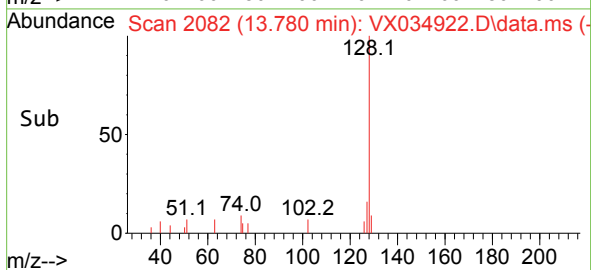
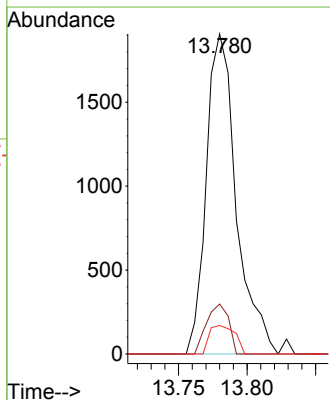
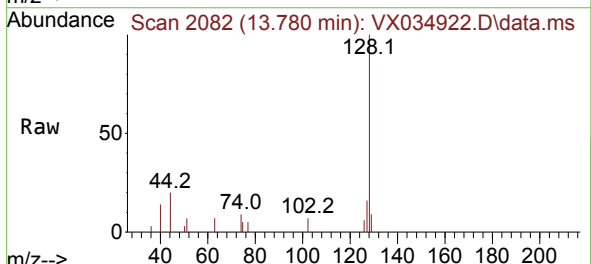
Instrument :
MSVOA_X
ClientSampleId :
MP-7

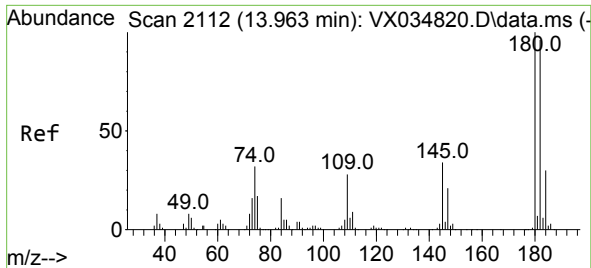
Tgt Ion:	225	Resp:	1647
Ion Ratio	Lower	Upper	
225	100		
223	57.9	32.1	96.5
227	67.7	31.8	95.4



#95
Naphthalene
Concen: 0.235 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034922.D
Acq: 03 Apr 2023 11:19

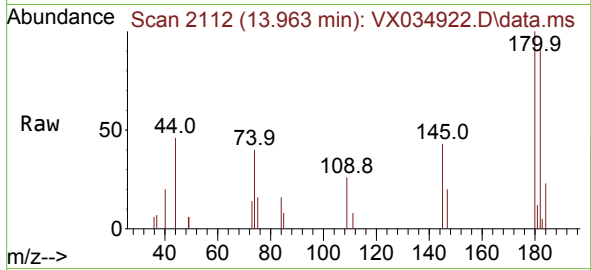
Tgt Ion:	128	Resp:	2904
Ion Ratio	Lower	Upper	
128	100		
127	11.4	10.2	15.4
129	7.5	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.360 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX034922.D
 Acq: 03 Apr 2023 11:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MP-7



Tgt Ion:	180	Resp:	1263
Ion	Ratio	Lower	Upper
180	100		
182	91.5	48.0	144.2
145	40.3	17.7	53.1

