

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040323\
 Data File : VX034924.D
 Acq On : 03 Apr 2023 12:05
 Operator : JC/MD
 Sample : 02159-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MP-6D

Quant Time: Apr 03 21:35:15 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	285922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	490709	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	438511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	216879	49.598	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.200%		
35) Dibromofluoromethane	5.385	113	154951	47.741	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.480%		
50) Toluene-d8	8.647	98	590285	49.273	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.540%		
62) 4-Bromofluorobenzene	11.079	95	223602	48.233	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.460%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1987	1.119	ug/l #	81
20) Methylene Chloride	2.794	84	714	0.204	ug/l #	52
31) Cyclohexane	5.550	56	6995	1.314	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	24609	5.118	ug/l #	51
38) Carbon Tetrachloride	5.550	117	30845	6.804	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2970	0.597	ug/l #	1
60) Dibromochloromethane	9.275	129	6757	2.082	ug/l #	10
64) Tetrachloroethene	9.275	164	6782	2.161	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	121046	30.675	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	121046	91.930	ug/l #	8
94) Hexachlorobutadiene	13.725	225	445	0.276	ug/l	80

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

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QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

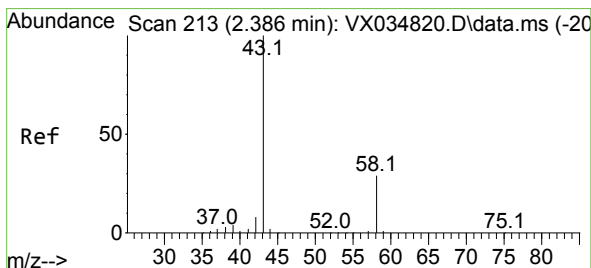
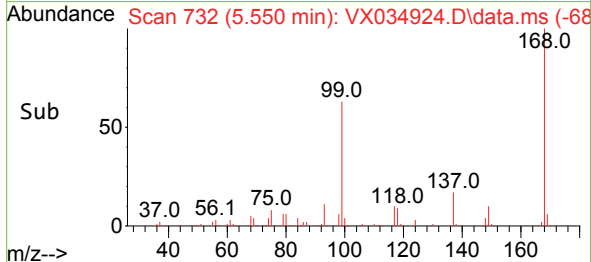
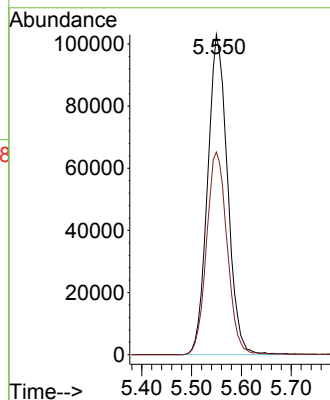
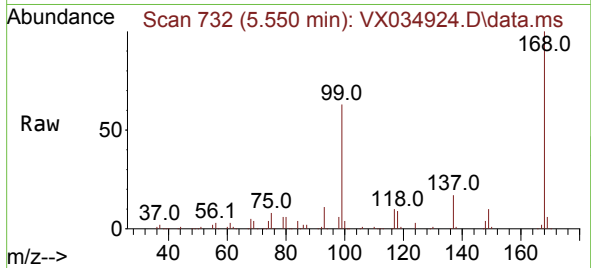




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034924.D
Acq: 03 Apr 2023 12:05

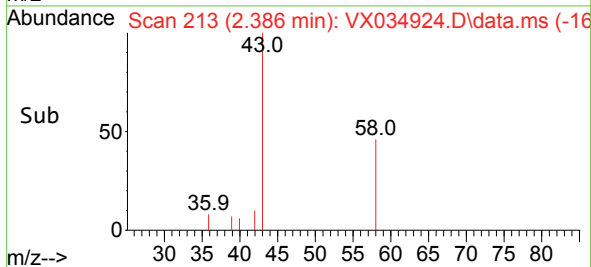
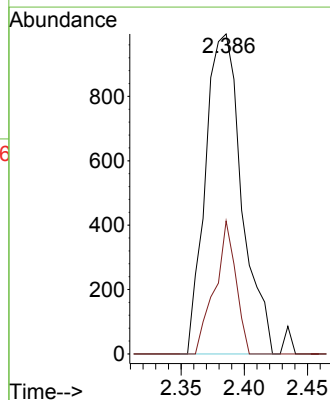
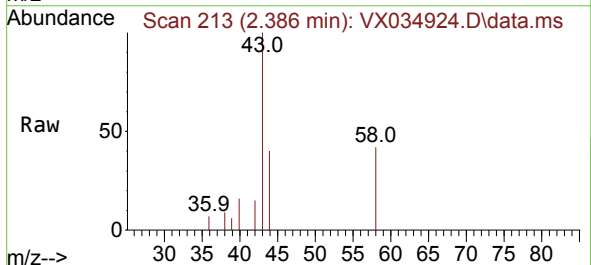
Instrument :
MSVOA_X
ClientSampleId :
MP-6D

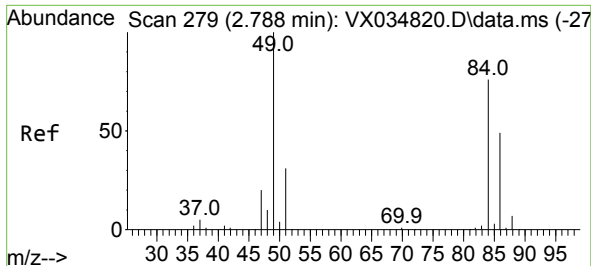
Tgt Ion:168 Resp: 285922
Ion Ratio Lower Upper
168 100
99 63.3 45.7 68.5



#16
Acetone
Concen: 1.119 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034924.D
Acq: 03 Apr 2023 12:05

Tgt Ion: 43 Resp: 1987
Ion Ratio Lower Upper
43 100
58 41.5 24.7 37.1#

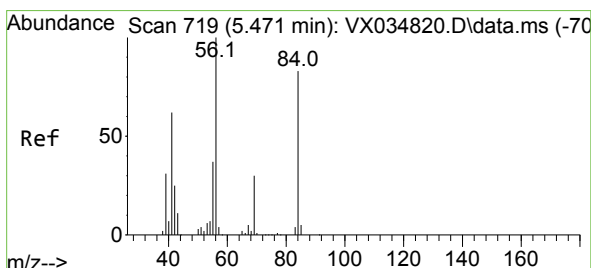
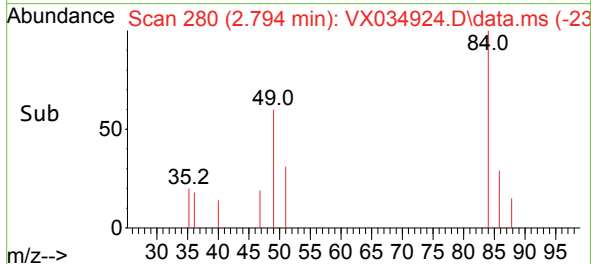
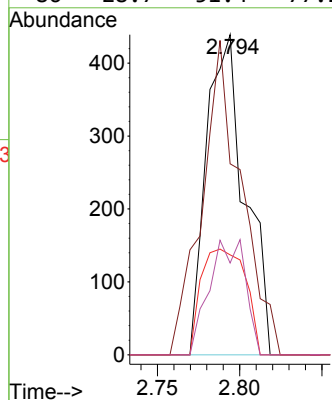
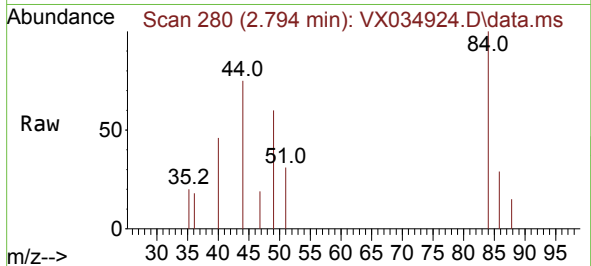




#20
Methylene Chloride
Concen: 0.204 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034924.D
Acq: 03 Apr 2023 12:05

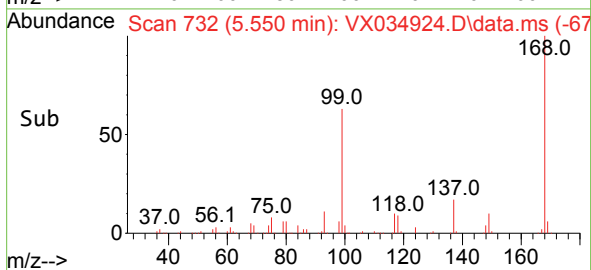
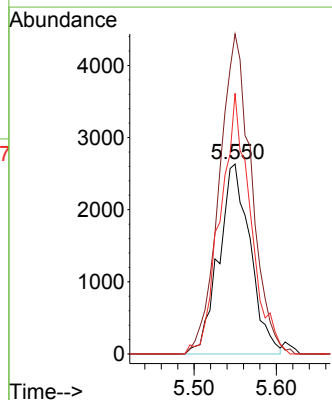
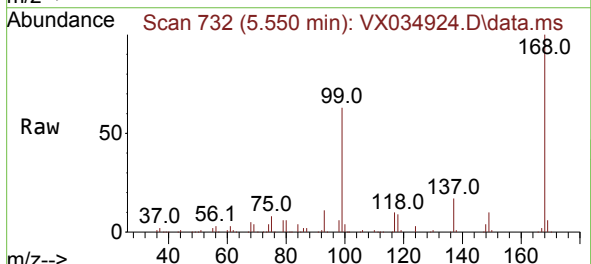
Instrument :
MSVOA_X
ClientSampleId :
MP-6D

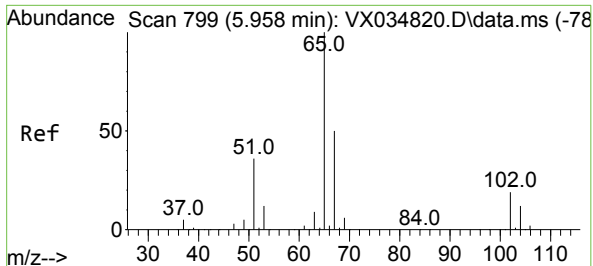
Tgt Ion: 84	Resp: 714
Ion Ratio	Lower Upper
84 100	
49 59.7	103.8 155.8#
51 31.2	31.8 47.8#
86 28.7	51.4 77.2#



#31
Cyclohexane
Concen: 1.314 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034924.D
Acq: 03 Apr 2023 12:05

Tgt Ion: 56	Resp: 6995		
Ion Ratio	Lower	Upper	
56	100		
69	168.5	23.7	35.5#
84	137.3	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 49.598 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034924.D

Acq: 03 Apr 2023 12:05

Instrument :

MSVOA_X

ClientSampleId :

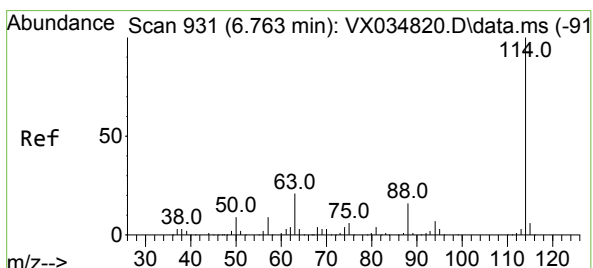
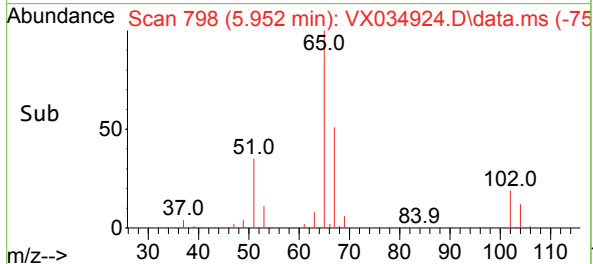
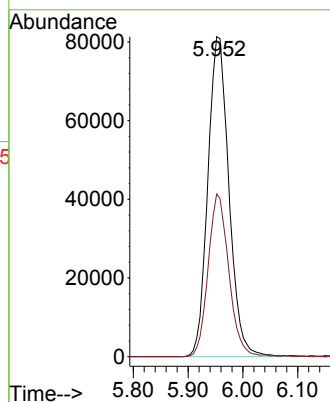
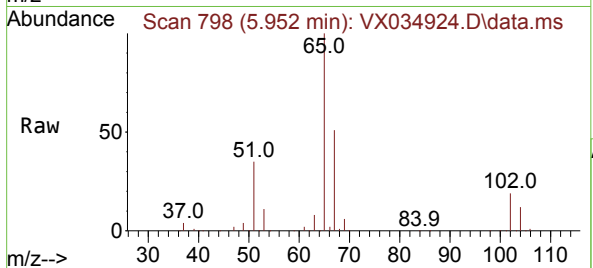
MP-6D

Tgt Ion: 65 Resp: 216879

Ion Ratio Lower Upper

65 100

67 50.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX034924.D

Acq: 03 Apr 2023 12:05

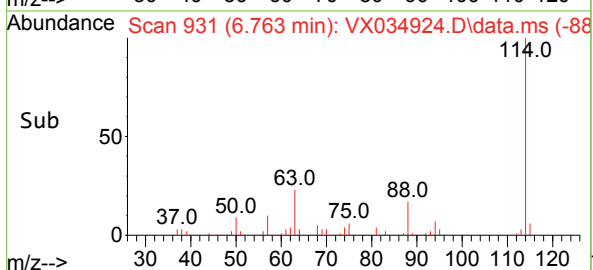
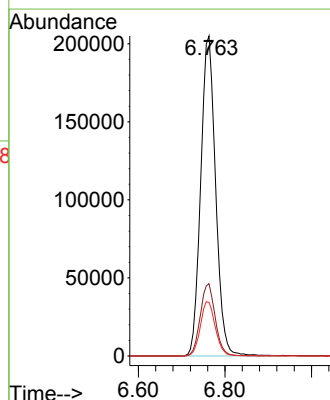
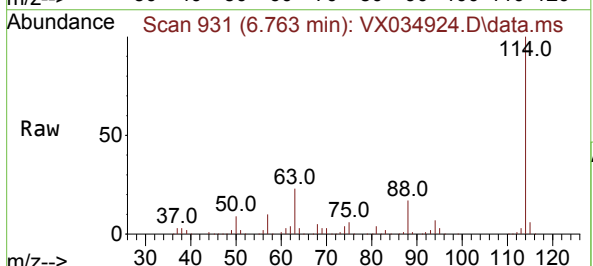
Tgt Ion: 114 Resp: 490709

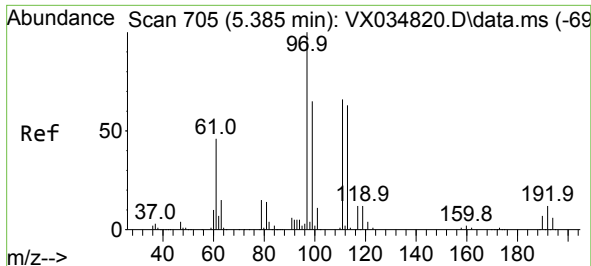
Ion Ratio Lower Upper

114 100

63 22.6 0.0 42.2

88 16.7 0.0 33.2

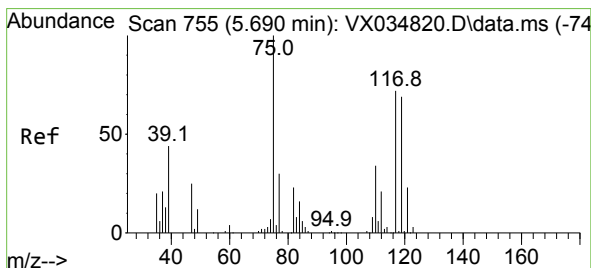
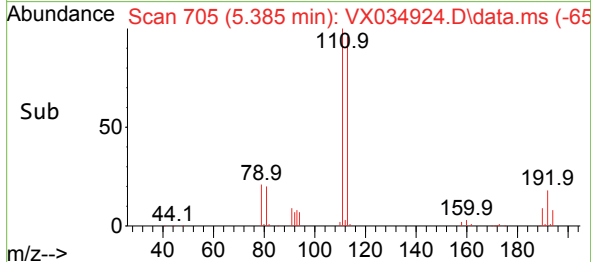
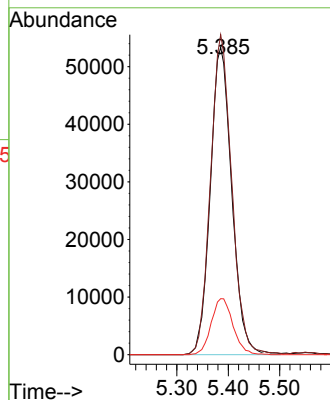
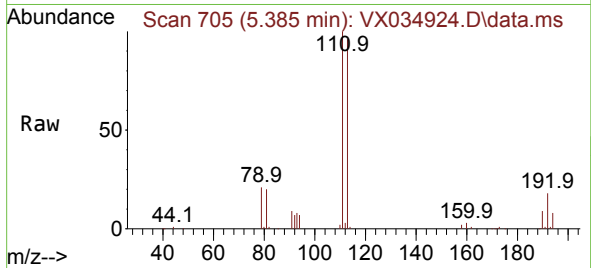




#35
Dibromofluoromethane
Concen: 47.741 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034924.D
Acq: 03 Apr 2023 12:05

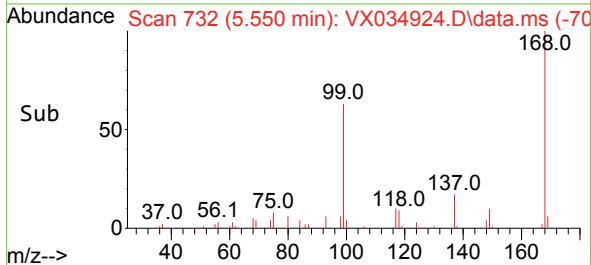
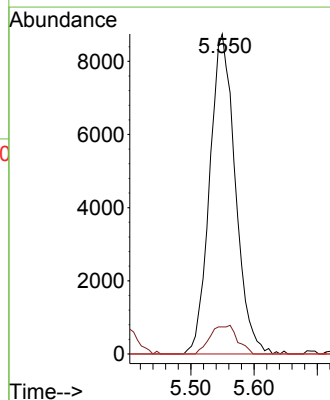
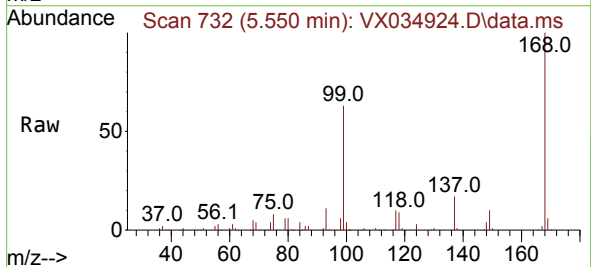
Instrument :
MSVOA_X
ClientSampleId :
MP-6D

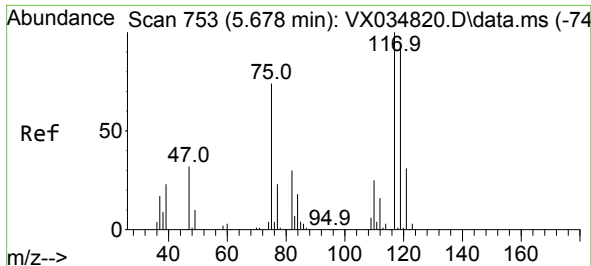
Tgt Ion:113 Resp: 154951
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 18.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.118 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034924.D
Acq: 03 Apr 2023 12:05

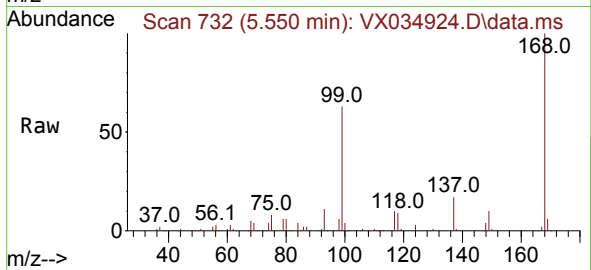
Tgt Ion: 75 Resp: 24609
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.3 36.5#



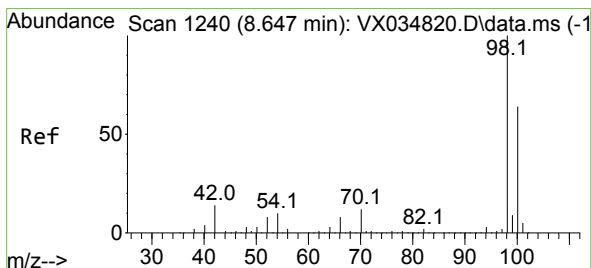
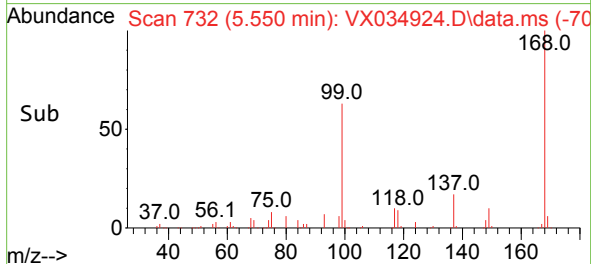
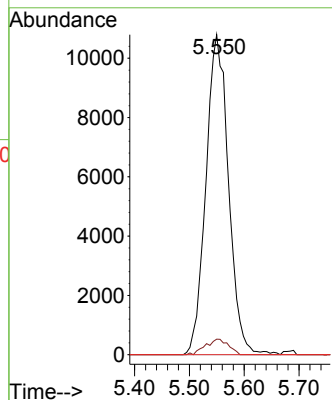


#38
Carbon Tetrachloride
Concen: 6.804 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034924.D
Acq: 03 Apr 2023 12:05

Instrument :
MSVOA_X
ClientSampleId :
MP-6D

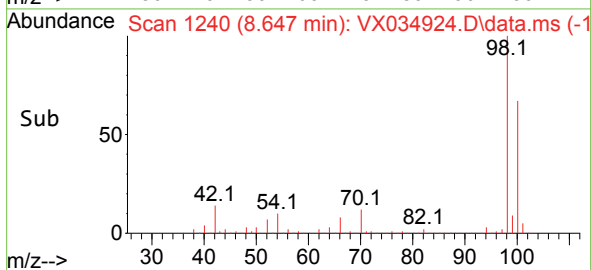
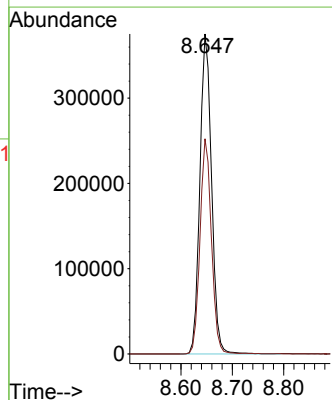
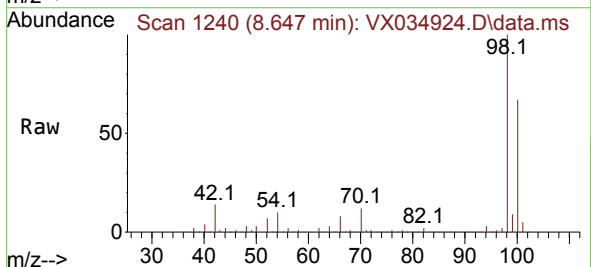


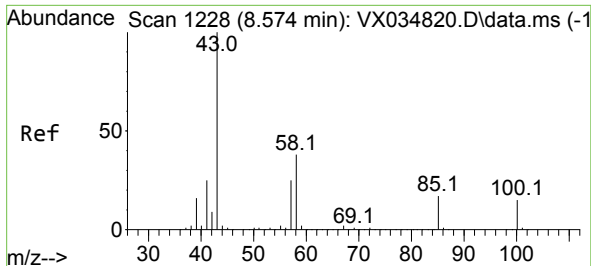
Tgt Ion:117 Resp: 30845
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.273 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034924.D
Acq: 03 Apr 2023 12:05

Tgt Ion: 98 Resp: 590285
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7

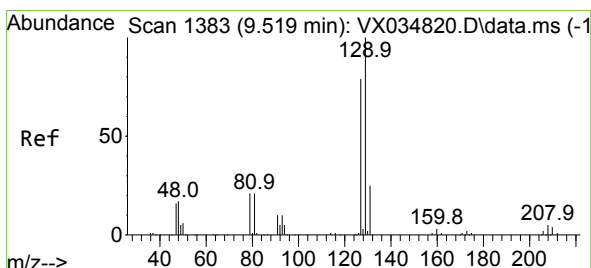
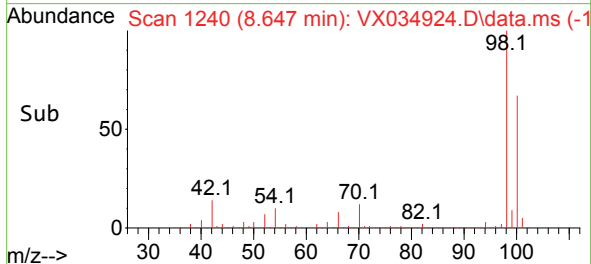
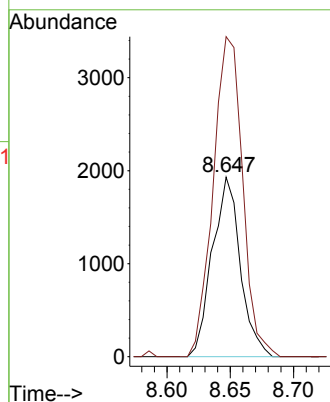
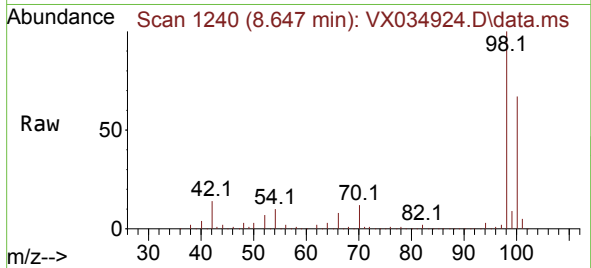




#51
4-Methyl-2-Pentanone
Concen: 0.597 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX034924.D
Acq: 03 Apr 2023 12:05

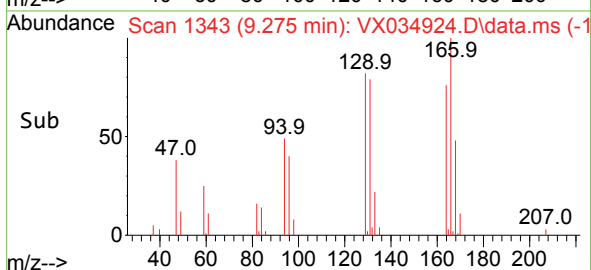
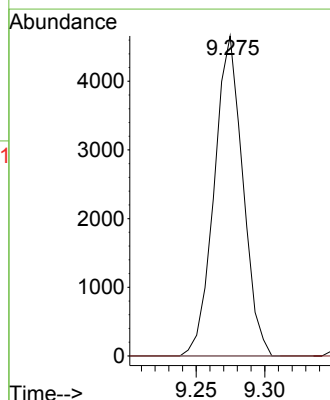
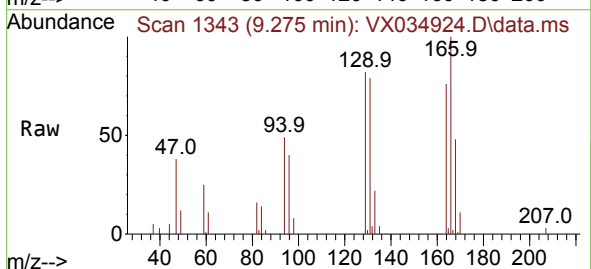
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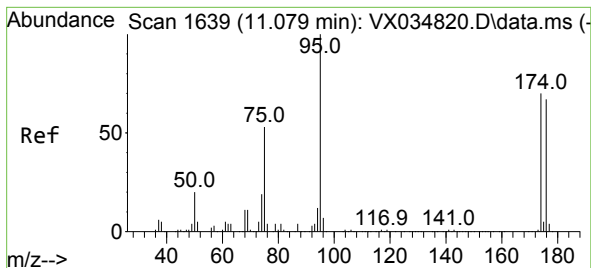
Tgt Ion: 43 Resp: 2970
Ion Ratio Lower Upper
43 100
58 187.5 30.6 46.0#



#60
Dibromochloromethane
Concen: 2.082 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX034924.D
Acq: 03 Apr 2023 12:05

Tgt Ion: 129 Resp: 6757
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

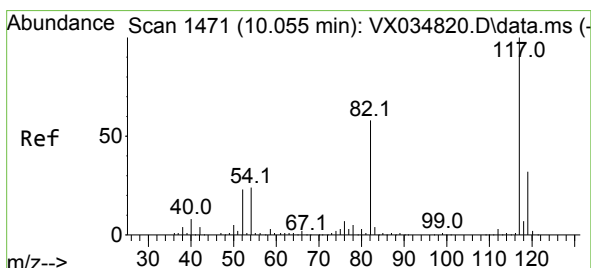
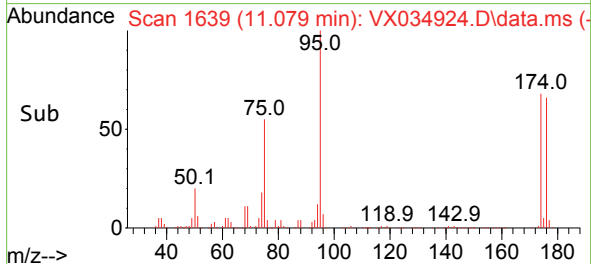
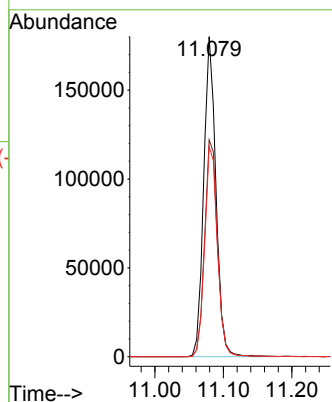
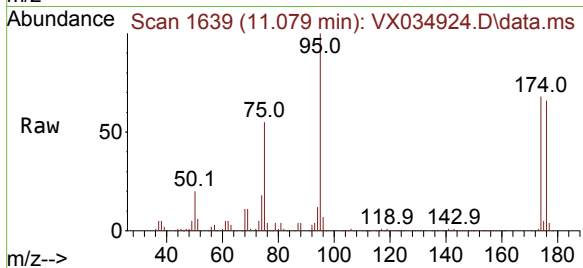




#62
4-Bromofluorobenzene
Concen: 48.233 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034924.D
Acq: 03 Apr 2023 12:05

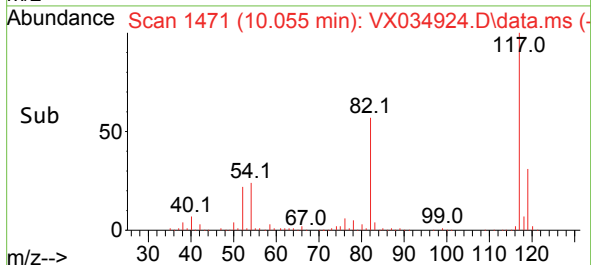
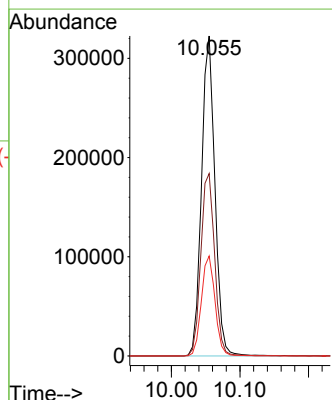
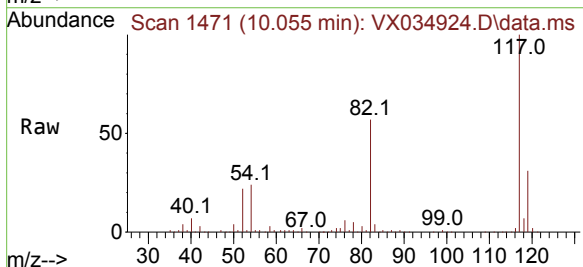
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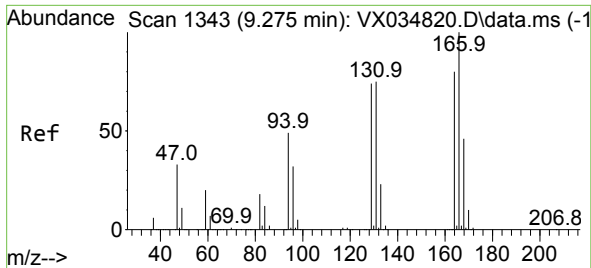
Tgt Ion: 95 Resp: 223602
Ion Ratio Lower Upper
95 100
174 71.0 0.0 147.4
176 68.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034924.D
Acq: 03 Apr 2023 12:05

Tgt Ion: 117 Resp: 438511
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 31.2 26.0 39.0

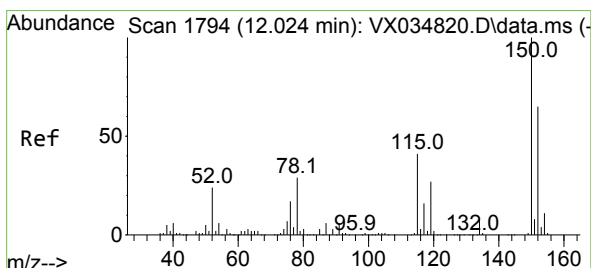
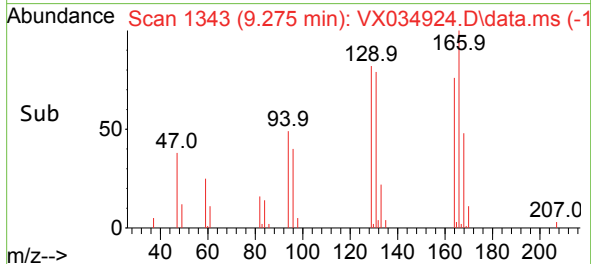
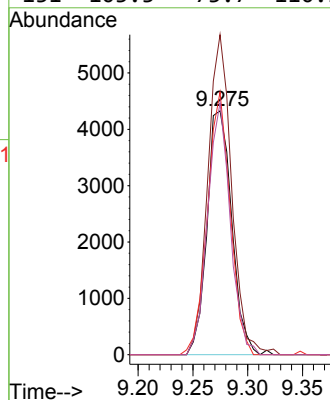
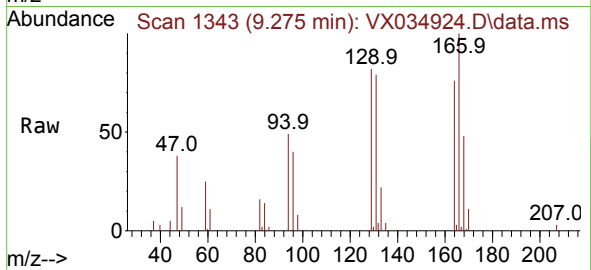




#64
Tetrachloroethene
Concen: 2.161 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034924.D
Acq: 03 Apr 2023 12:05

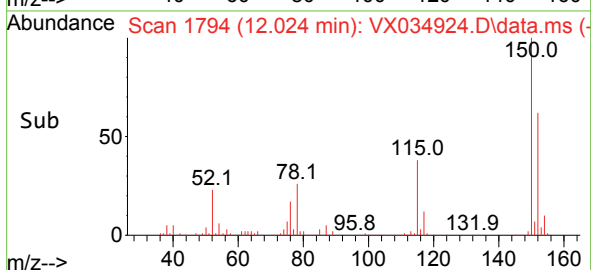
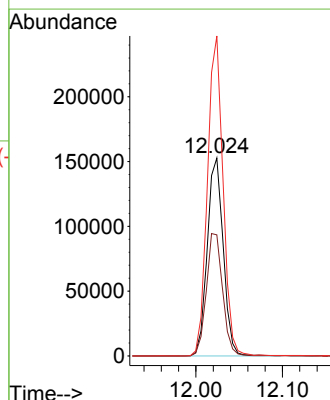
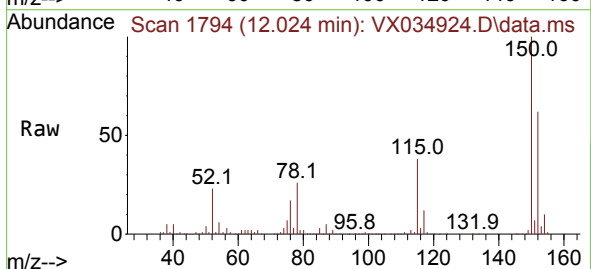
Instrument :
MSVOA_X
ClientSampleId :
MP-6D

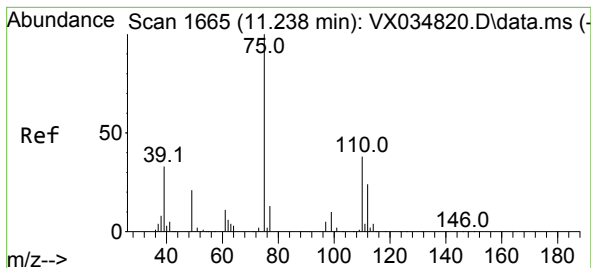
Tgt Ion:164 Resp: 6782
Ion Ratio Lower Upper
164 100
166 131.2 102.7 154.1
129 107.7 75.6 113.4
131 103.3 73.7 110.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034924.D
Acq: 03 Apr 2023 12:05

Tgt Ion:152 Resp: 195843
Ion Ratio Lower Upper
152 100
115 63.3 45.0 135.0
150 157.9 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 30.675 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034924.D

Acq: 03 Apr 2023 12:05

Instrument :

MSVOA_X

ClientSampleId :

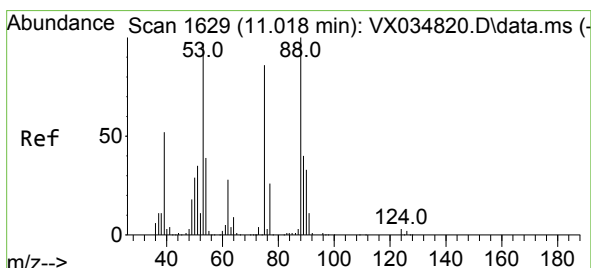
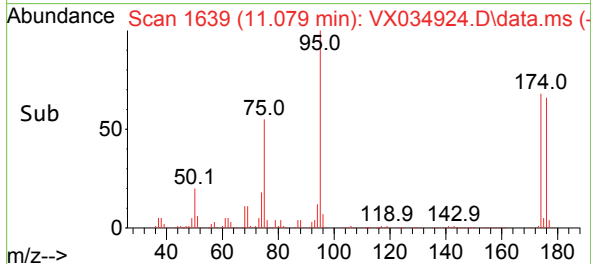
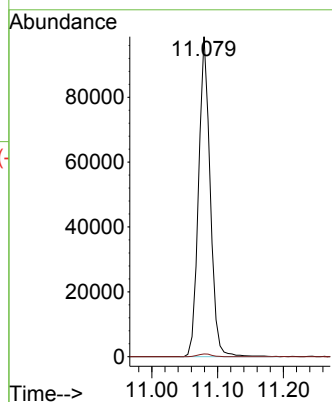
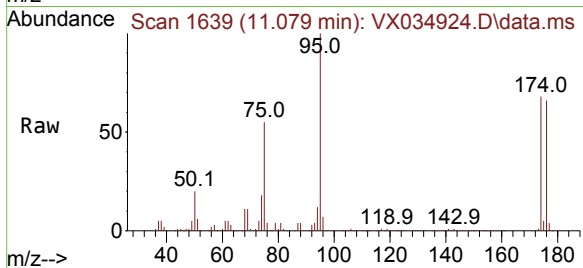
MP-6D

Tgt Ion: 75 Resp: 121046

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.930 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034924.D

Acq: 03 Apr 2023 12:05

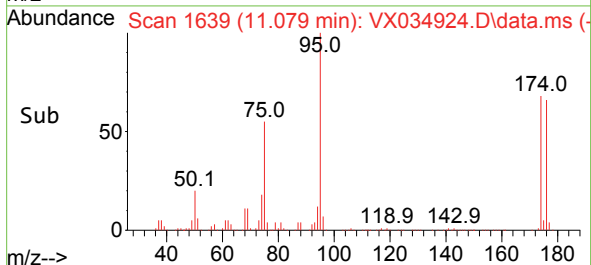
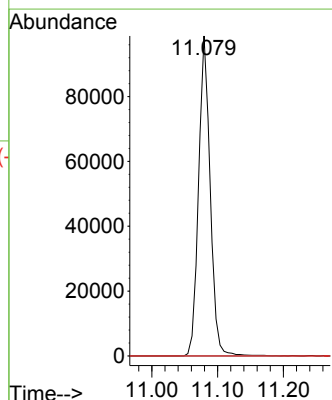
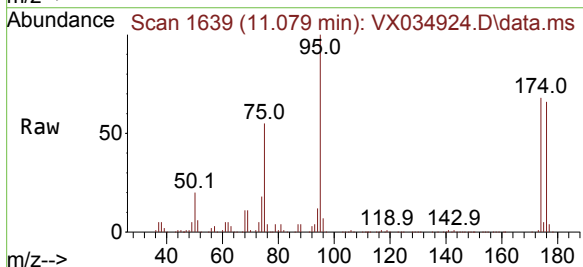
Tgt Ion: 75 Resp: 121046

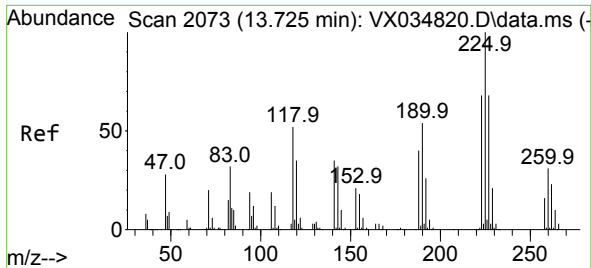
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

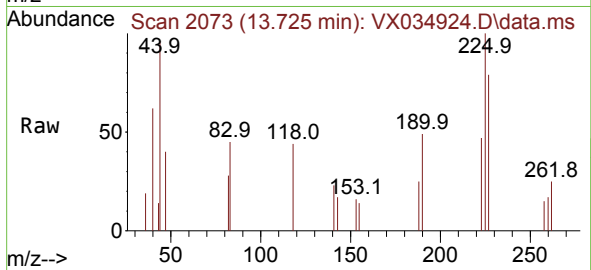
89 0.0 36.9 55.3#





#94
 Hexachlorobutadiene
 Concen: 0.276 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX034924.D
 Acq: 03 Apr 2023 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MP-6D



Tgt Ion:	225	Resp:	445
Ion	Ratio	Lower	Upper
225	100		
223	41.6	32.1	96.5
227	55.5	31.8	95.4

