

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034910.D
 Acq On : 01 Apr 2023 08:05
 Operator : JC/MD
 Sample : 02159-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MP-3

Quant Time: Apr 03 02:11:45 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)

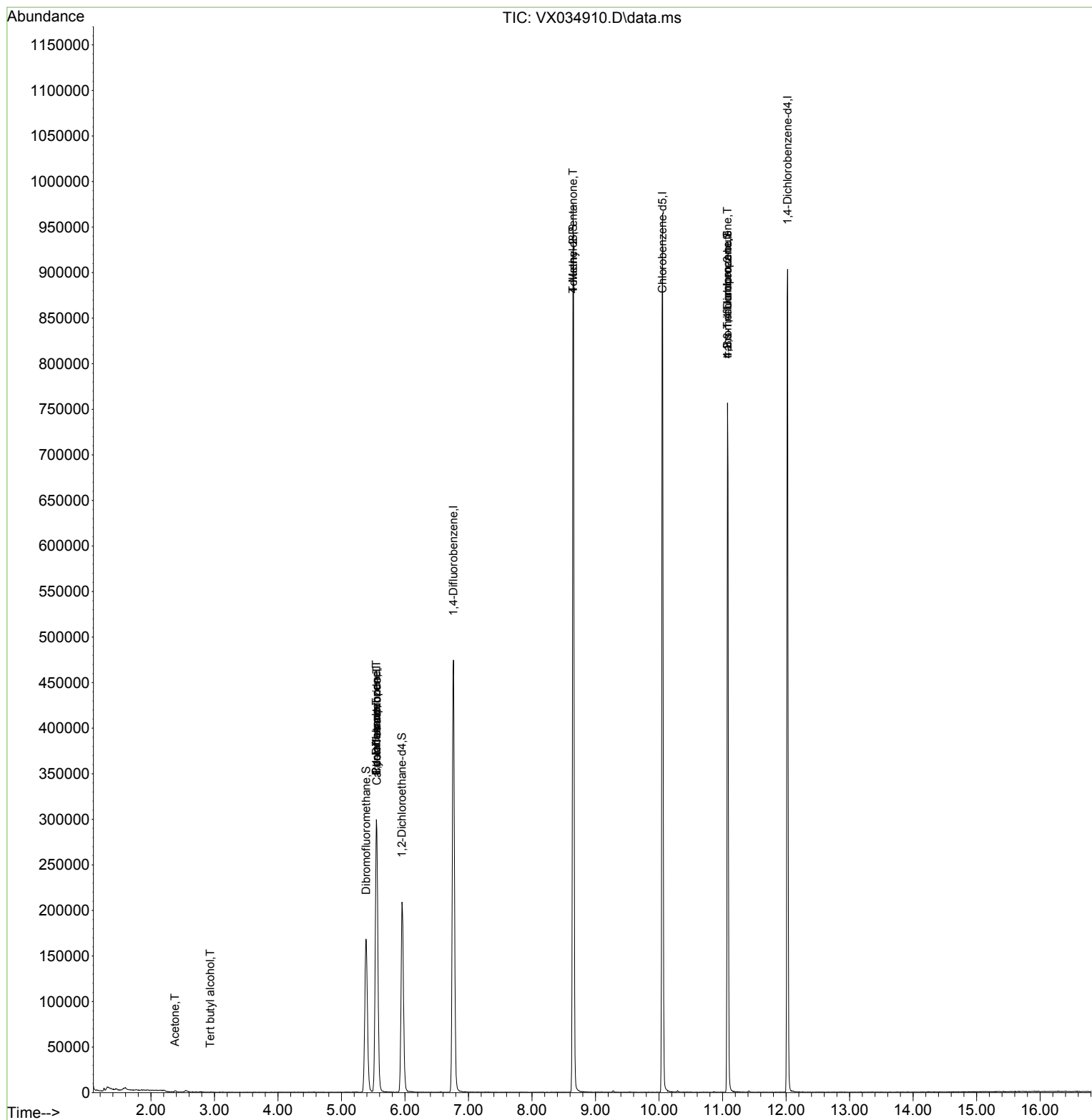
Internal Standards						
1) Pentafluorobenzene	5.550	168	267127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	462512	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	411789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	209502	51.282	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.560%
35) Dibromofluoromethane	5.385	113	146487	47.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.760%
50) Toluene-d8	8.647	98	556451	49.281	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.560%
62) 4-Bromofluorobenzene	11.079	95	207346	47.453	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.900%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	155	0.216	ug/l #	73
16) Acetone	2.380	43	1531	0.923	ug/l	92
31) Cyclohexane	5.550	56	6865	1.380	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	23821	5.256	ug/l #	52
38) Carbon Tetrachloride	5.556	117	29403	6.881	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2973	0.634	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	113397	31.248	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	113397	93.647	ug/l #	8

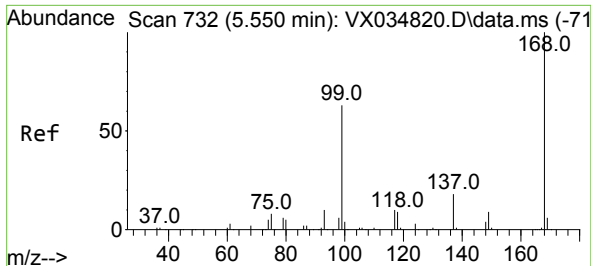
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
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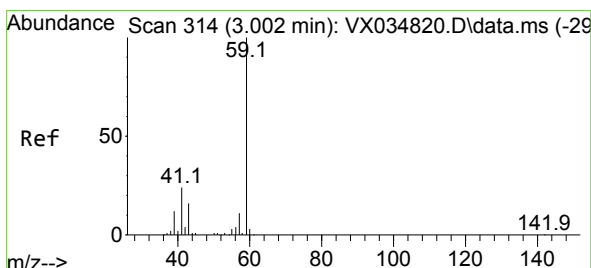
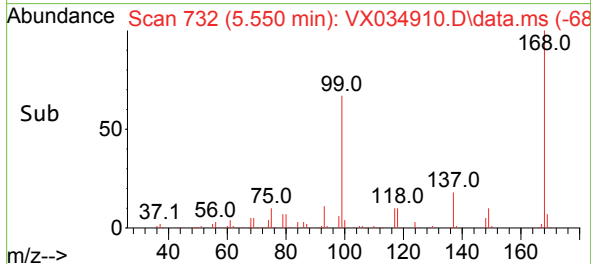
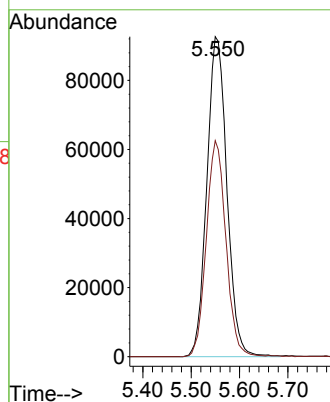
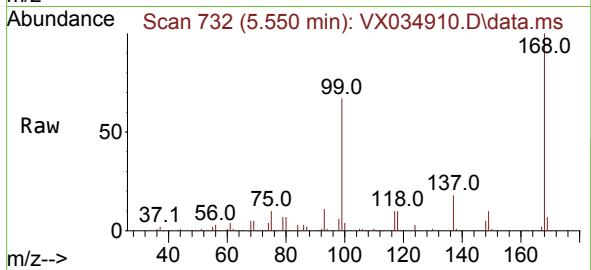




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034910.D
Acq: 01 Apr 2023 08:05

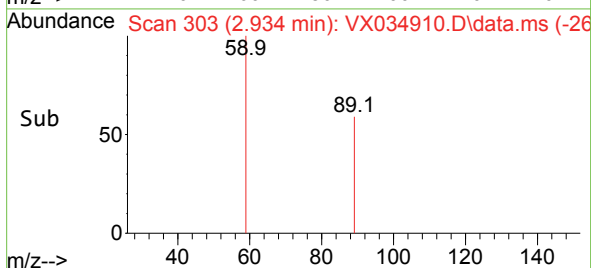
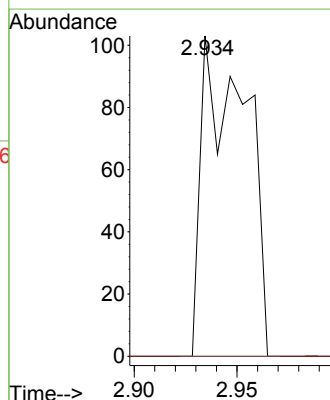
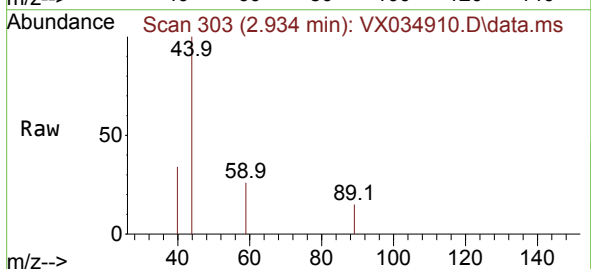
Instrument :
MSVOA_X
ClientSampleId :
MP-3

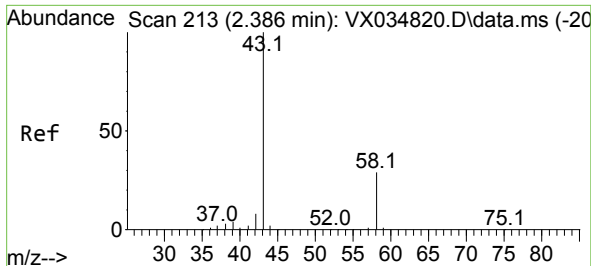
Tgt Ion:168 Resp: 267127
Ion Ratio Lower Upper
168 100
99 67.5 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.216 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.067 min
Lab File: VX034910.D
Acq: 01 Apr 2023 08:05

Tgt Ion: 59 Resp: 155
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

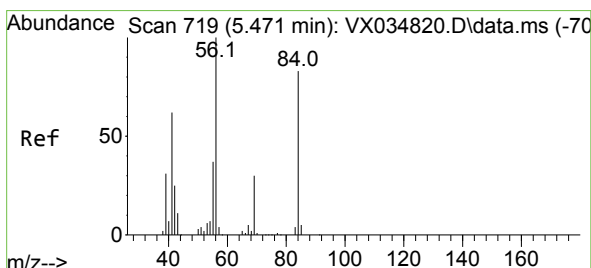
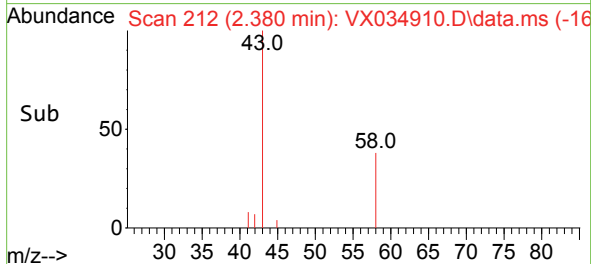
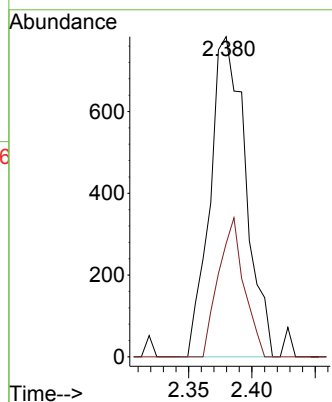
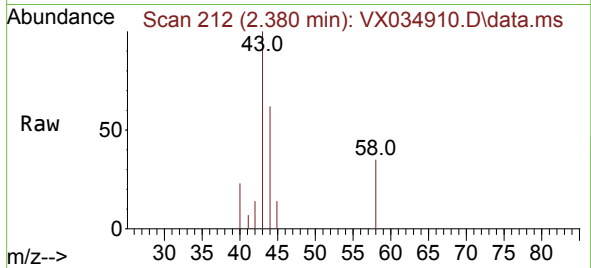




#16
Acetone
Concen: 0.923 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX034910.D
Acq: 01 Apr 2023 08:05

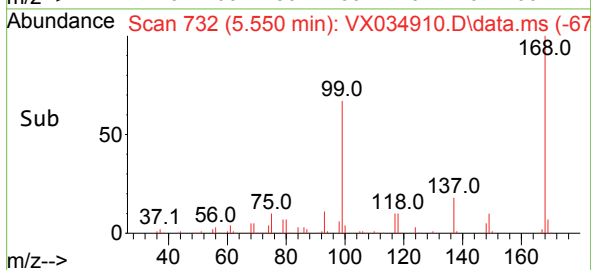
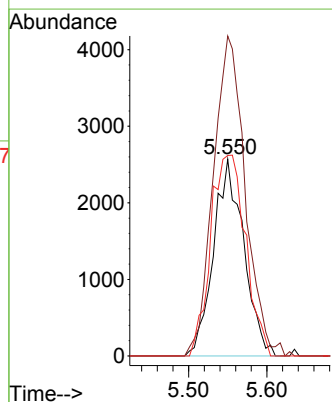
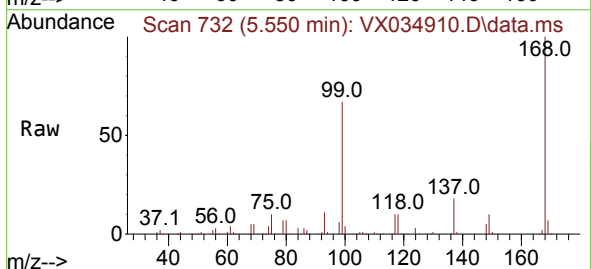
Instrument :
MSVOA_X
ClientSampleId :
MP-3

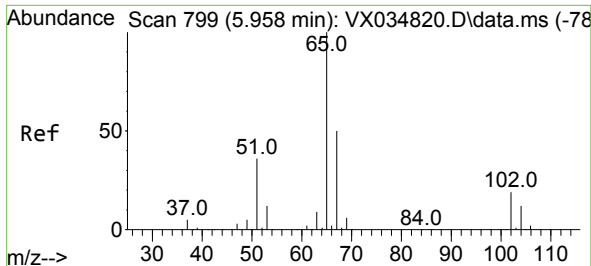
Tgt Ion: 43 Resp: 1531
Ion Ratio Lower Upper
43 100
58 35.4 24.7 37.1



#31
Cyclohexane
Concen: 1.380 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034910.D
Acq: 01 Apr 2023 08:05

Tgt Ion: 56 Resp: 6865
Ion Ratio Lower Upper
56 100
69 162.5 23.7 35.5#
84 101.8 68.5 102.7

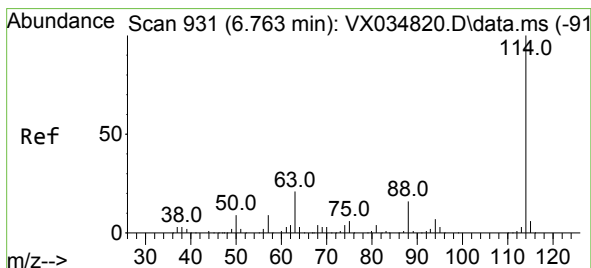
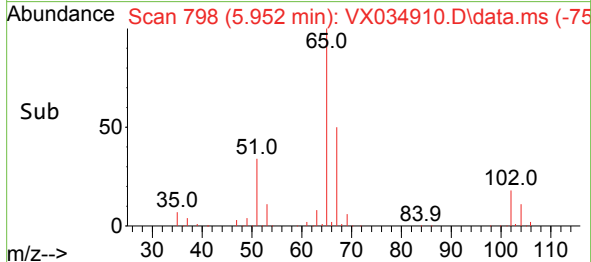
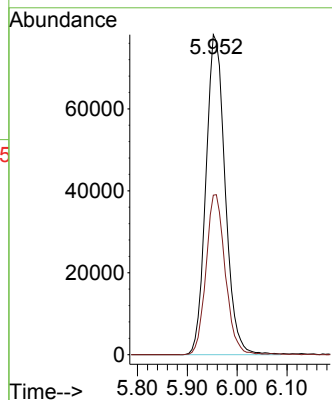
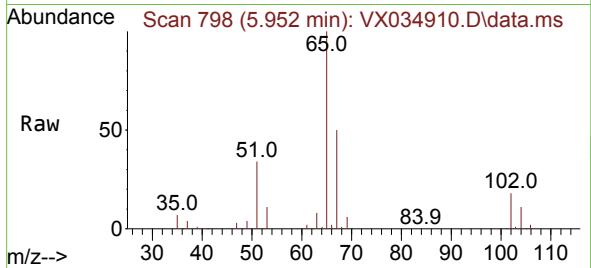




#33
1,2-Dichloroethane-d4
Concen: 51.282 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX034910.D
Acq: 01 Apr 2023 08:05

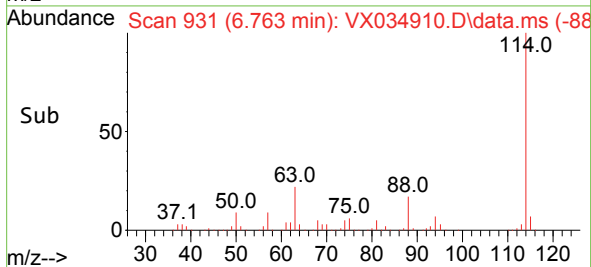
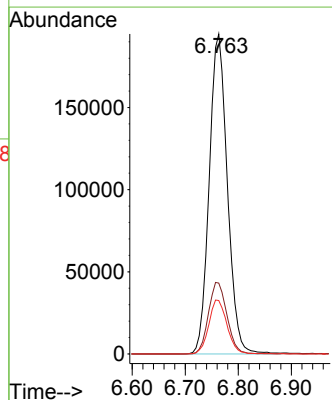
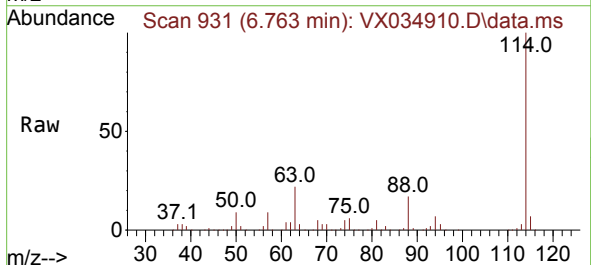
Instrument :
MSVOA_X
ClientSampleId :
MP-3

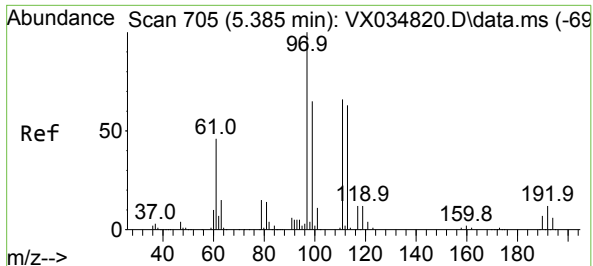
Tgt Ion: 65 Resp: 209502
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX034910.D
Acq: 01 Apr 2023 08:05

Tgt Ion: 114 Resp: 462512
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.2
88 16.7 0.0 33.2

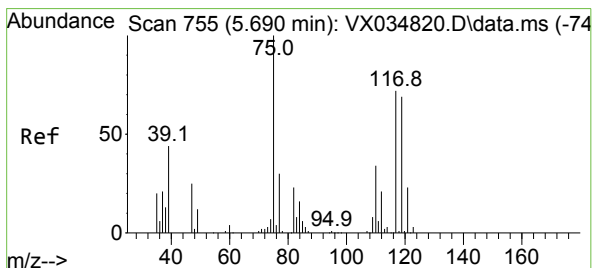
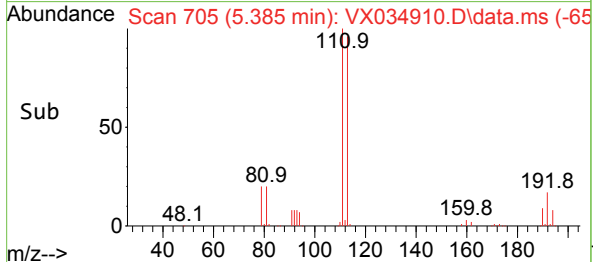
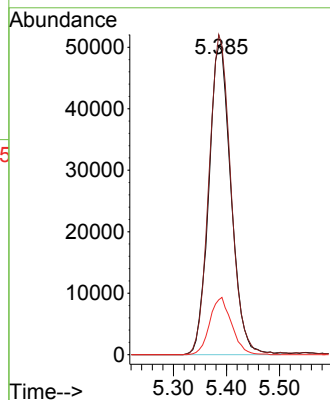
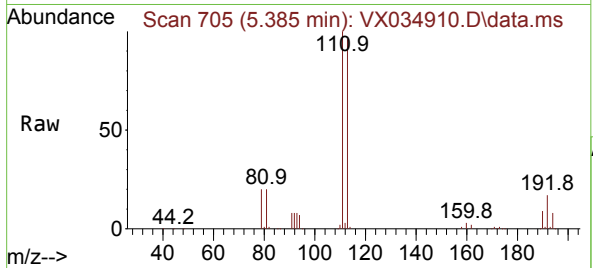




#35
 Dibromofluoromethane
 Concen: 47.885 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: VX034910.D
 Acq: 01 Apr 2023 08:05

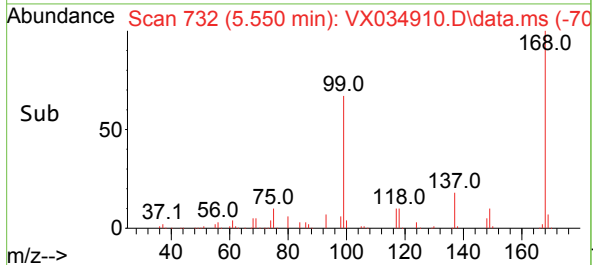
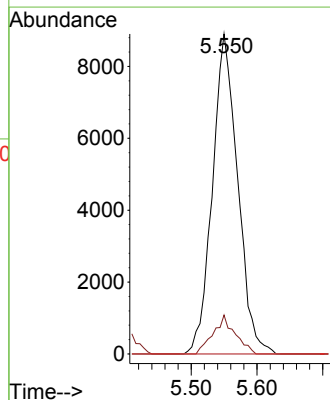
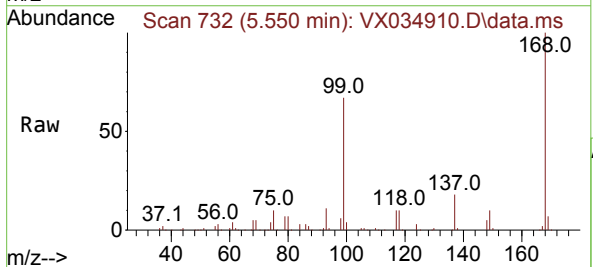
Instrument :
 MSVOA_X
 ClientSampleId :
 MP-3

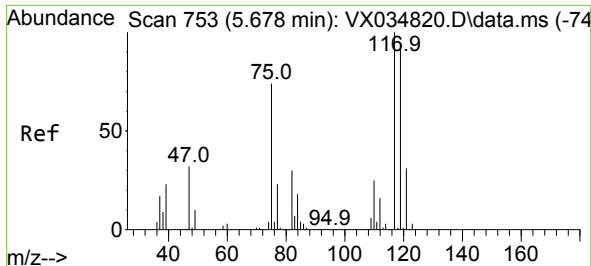
Tgt Ion:113 Resp: 146487
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.7 125.5
 192 18.2 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 5.256 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.140 min
 Lab File: VX034910.D
 Acq: 01 Apr 2023 08:05

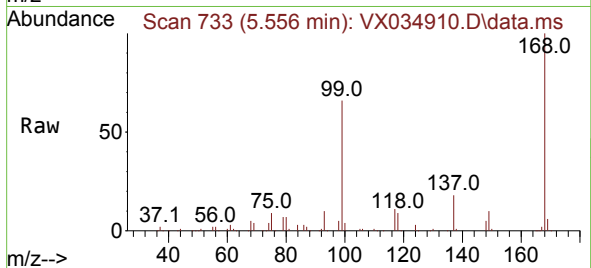
Tgt Ion: 75 Resp: 23821
 Ion Ratio Lower Upper
 75 100
 110 10.5 17.5 52.5#
 77 0.0 24.3 36.5#



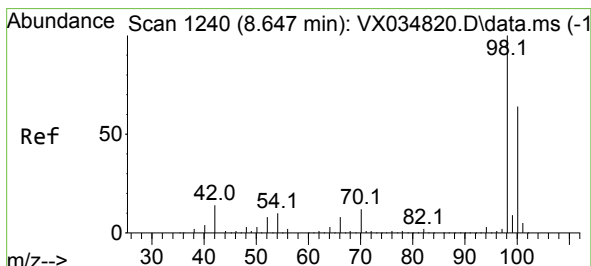
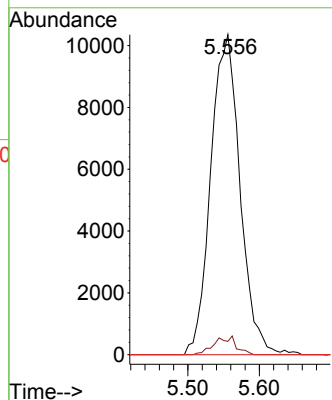
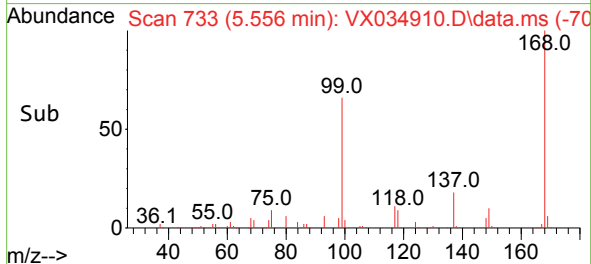


#38
Carbon Tetrachloride
Concen: 6.881 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX034910.D
Acq: 01 Apr 2023 08:05

Instrument :
MSVOA_X
ClientSampleId :
MP-3

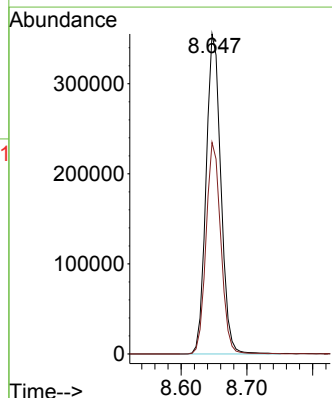
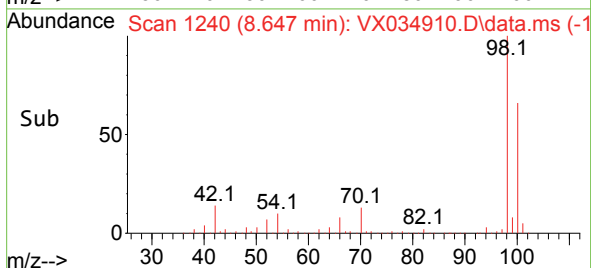
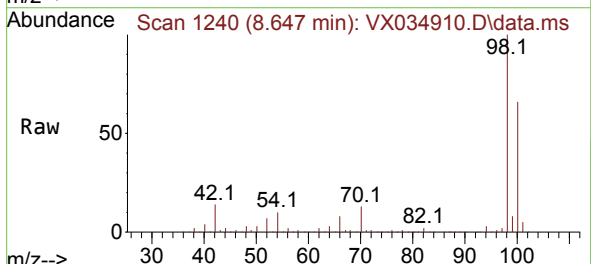


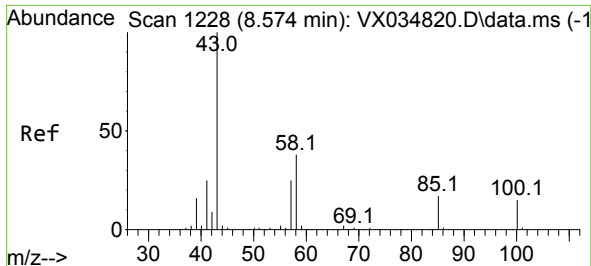
Tgt Ion:117 Resp: 29403
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.281 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034910.D
Acq: 01 Apr 2023 08:05

Tgt Ion: 98 Resp: 556451
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.634 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX034910.D

Acq: 01 Apr 2023 08:05

Instrument :

MSVOA_X

ClientSampleId :

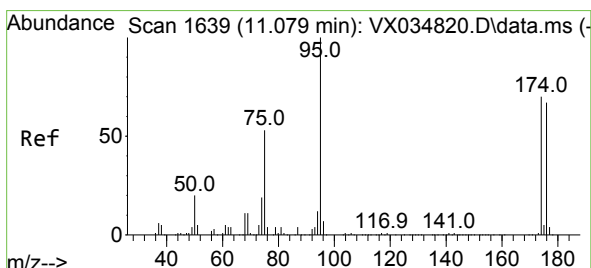
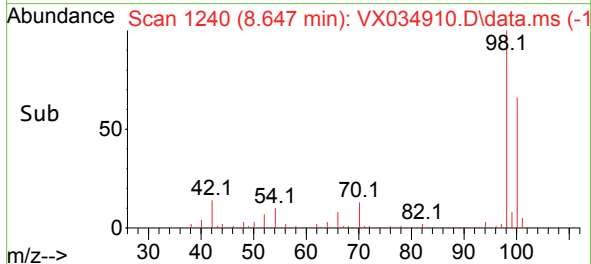
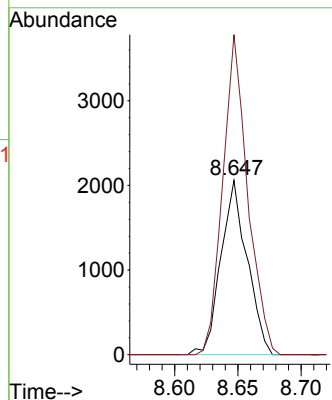
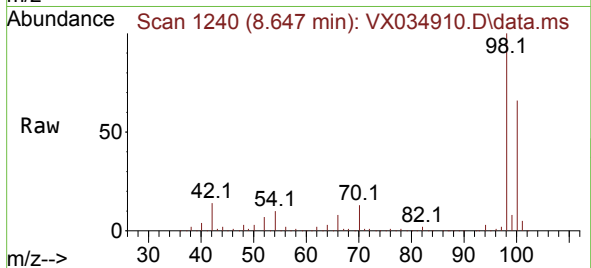
MP-3

Tgt Ion: 43 Resp: 2973

Ion Ratio Lower Upper

43 100

58 174.3 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 47.453 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034910.D

Acq: 01 Apr 2023 08:05

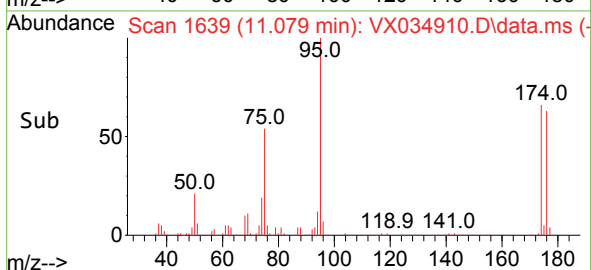
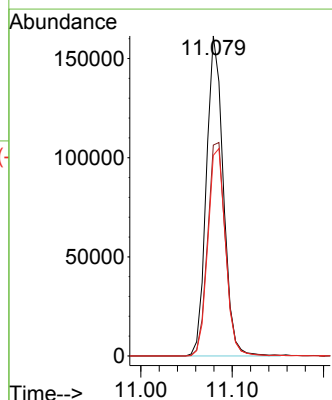
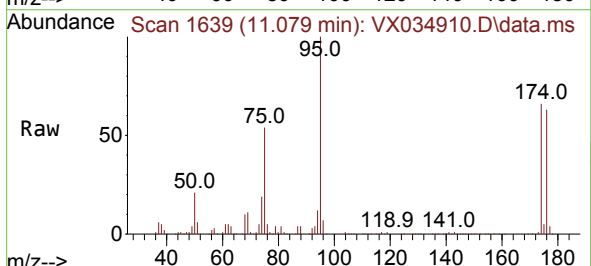
Tgt Ion: 95 Resp: 207346

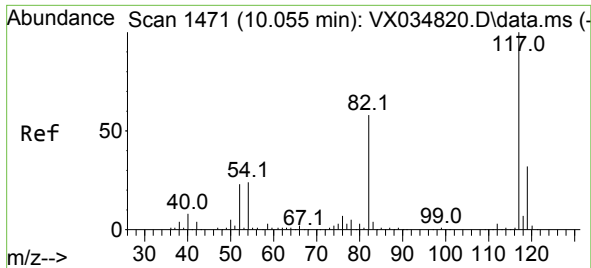
Ion Ratio Lower Upper

95 100

174 70.1 0.0 147.4

176 67.6 0.0 140.6

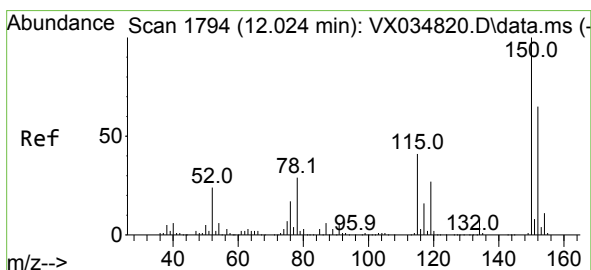
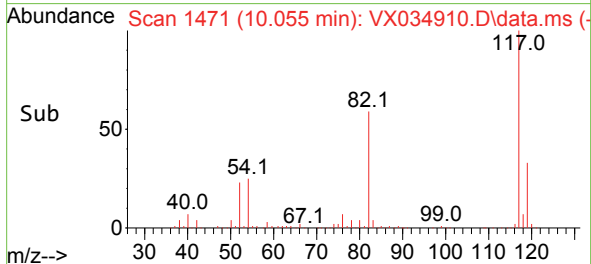
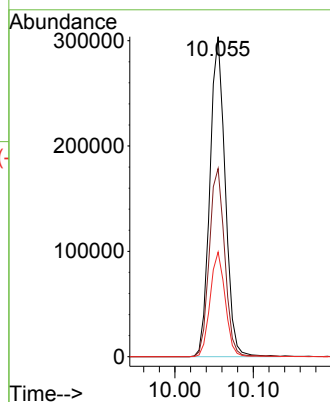
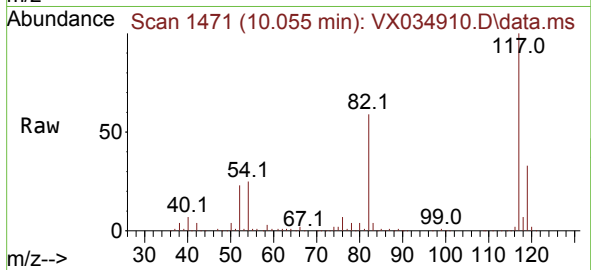




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034910.D
Acq: 01 Apr 2023 08:05

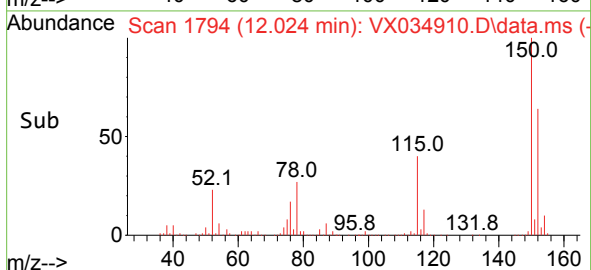
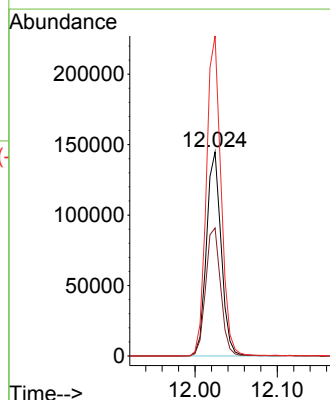
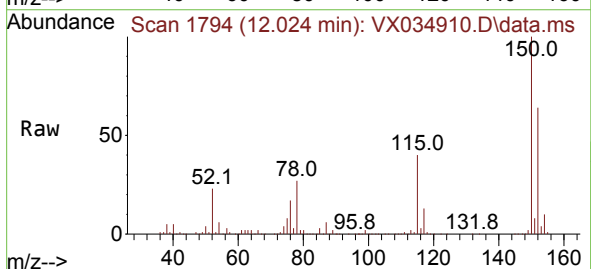
Instrument :
MSVOA_X
ClientSampleId :
MP-3

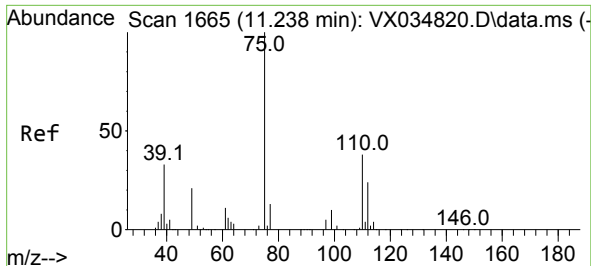
Tgt Ion:117 Resp: 411789
Ion Ratio Lower Upper
117 100
82 58.8 45.0 67.4
119 32.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034910.D
Acq: 01 Apr 2023 08:05

Tgt Ion:152 Resp: 180104
Ion Ratio Lower Upper
152 100
115 64.1 45.0 135.0
150 156.5 0.0 352.4

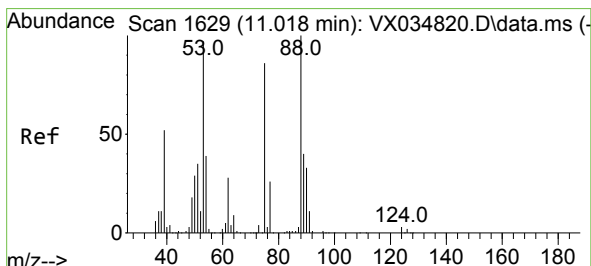
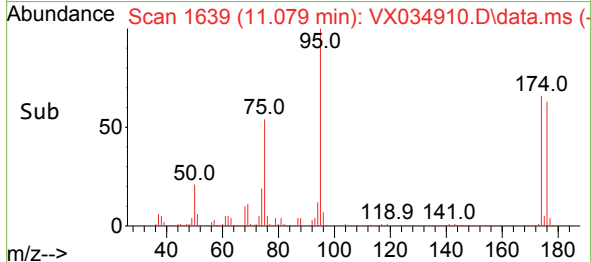
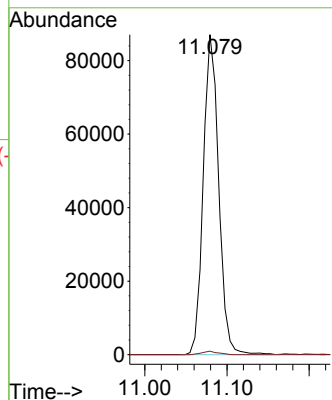
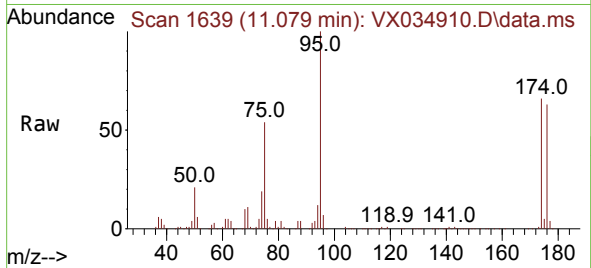




#76
1,2,3-Trichloropropane
Concen: 31.248 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034910.D
Acq: 01 Apr 2023 08:05

Instrument :
MSVOA_X
ClientSampleId :
MP-3

Tgt Ion: 75 Resp: 113397
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.647 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034910.D
Acq: 01 Apr 2023 08:05

Tgt Ion: 75 Resp: 113397
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

