

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034876.D
 Acq On : 31 Mar 2023 14:26
 Operator : JC/MD
 Sample : 02096-09RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Apr 03 01:18:25 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)

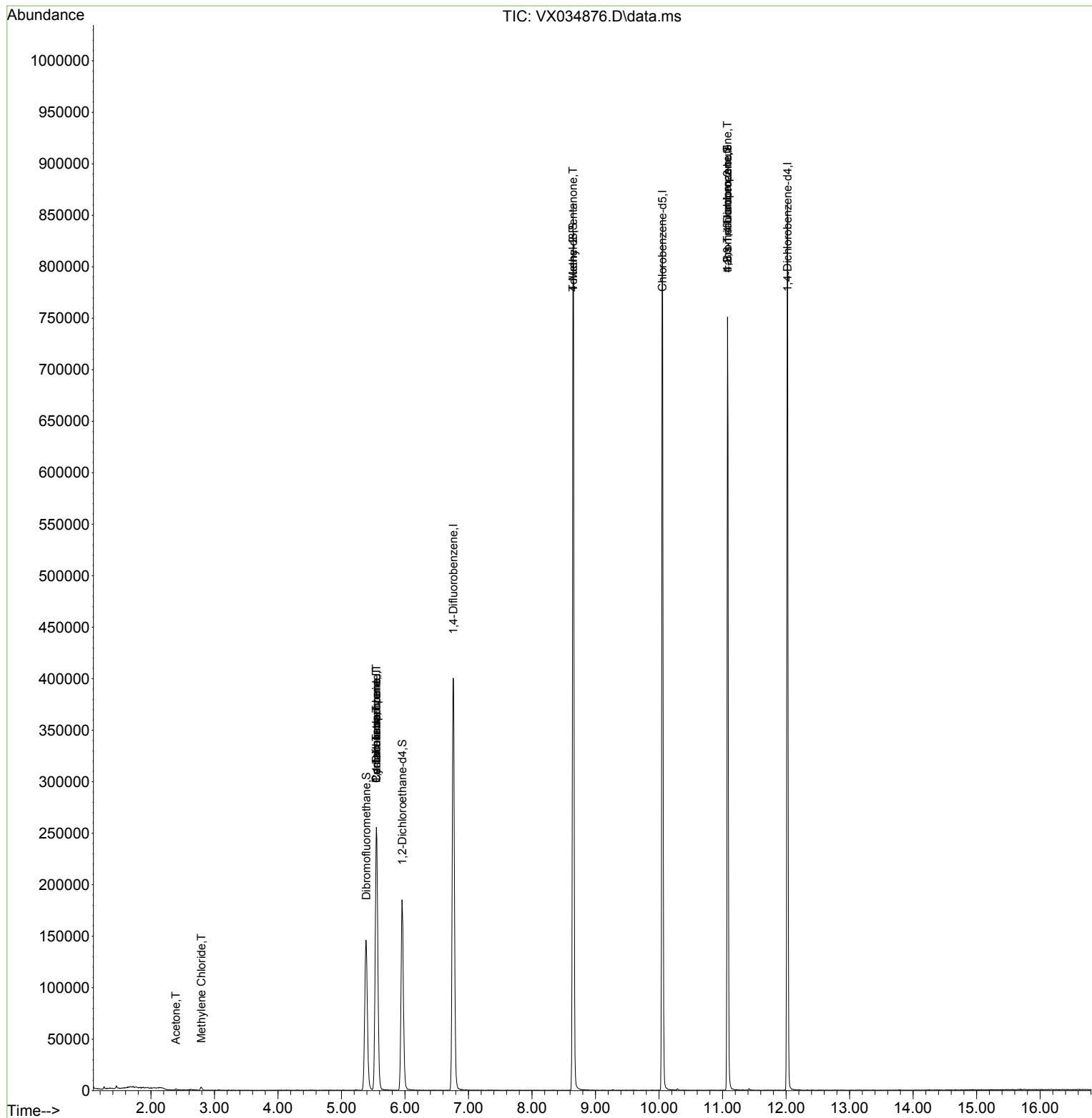
Internal Standards						
1) Pentafluorobenzene	5.550	168	233181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	402963	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170080	47.693	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.380%
35) Dibromofluoromethane	5.391	113	124639	46.764	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.520%
50) Toluene-d8	8.647	98	489997	49.808	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.620%
62) 4-Bromofluorobenzene	11.079	95	195247	51.287	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.580%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	1214	0.838	ug/l	99
20) Methylene Chloride	2.794	84	1221	0.427	ug/l #	90
31) Cyclohexane	5.550	56	6160	1.419	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20792	5.266	ug/l #	50
38) Carbon Tetrachloride	5.550	117	24477	6.575	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2837	0.694	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	108360	31.284	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	108360	93.757	ug/l #	8

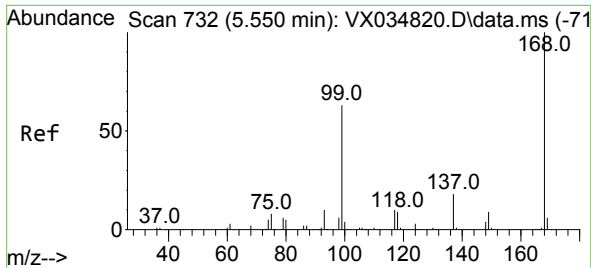
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
TRIP-BLANK

Quant Time: Apr 03 01:18:25 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

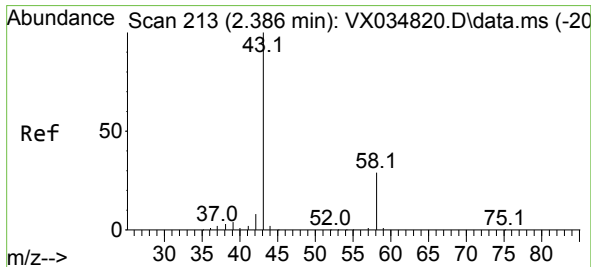
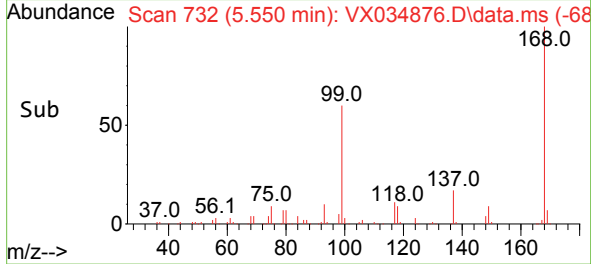
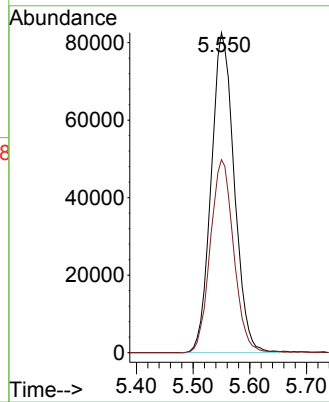
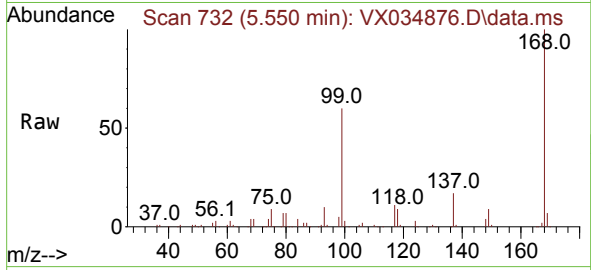




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034876.D
Acq: 31 Mar 2023 14:26

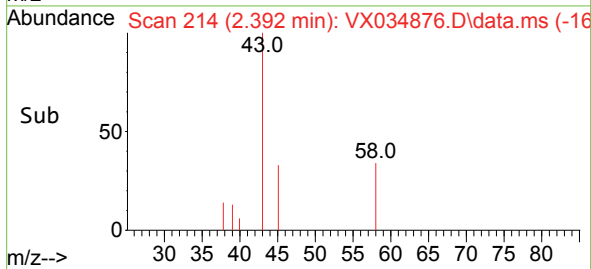
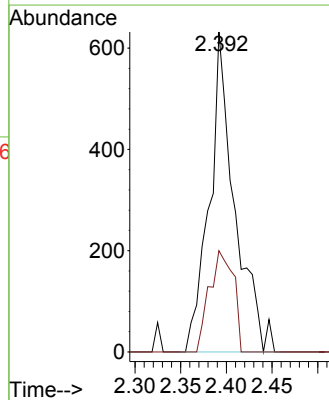
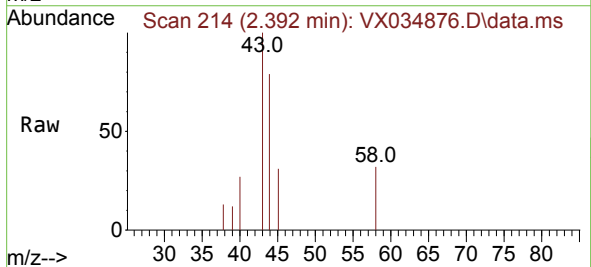
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

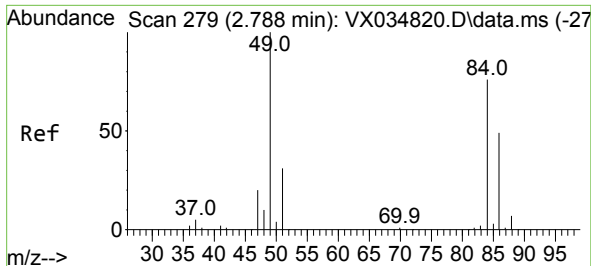
Tgt Ion:168 Resp: 233181
Ion Ratio Lower Upper
168 100
99 60.3 45.7 68.5



#16
Acetone
Concen: 0.838 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX034876.D
Acq: 31 Mar 2023 14:26

Tgt Ion: 43 Resp: 1214
Ion Ratio Lower Upper
43 100
58 31.6 24.7 37.1

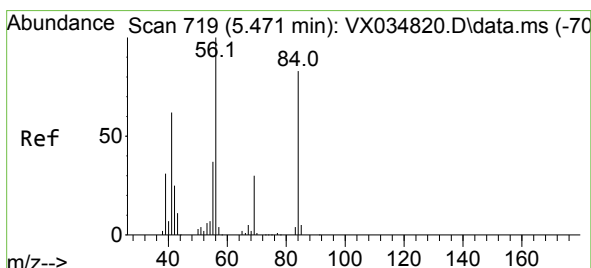
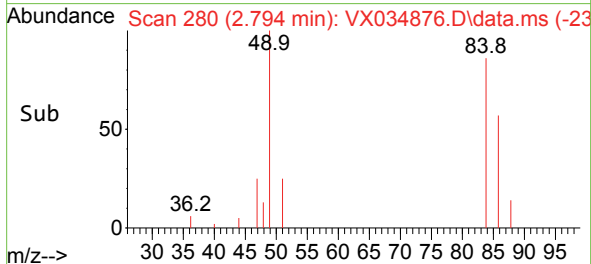
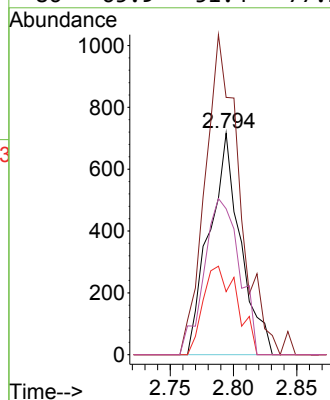
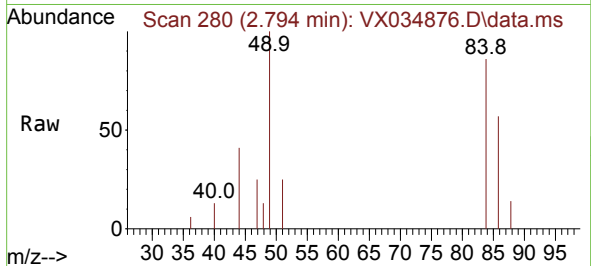




#20
Methylene Chloride
Concen: 0.427 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034876.D
Acq: 31 Mar 2023 14:26

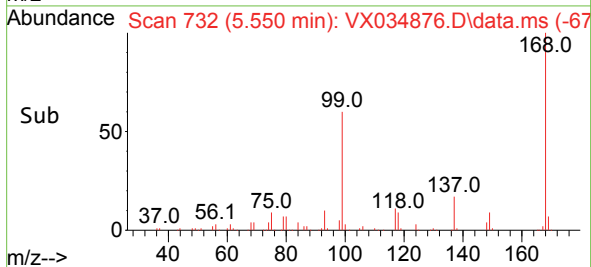
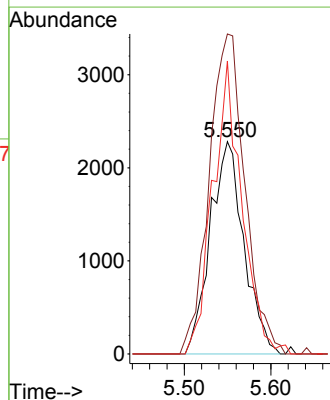
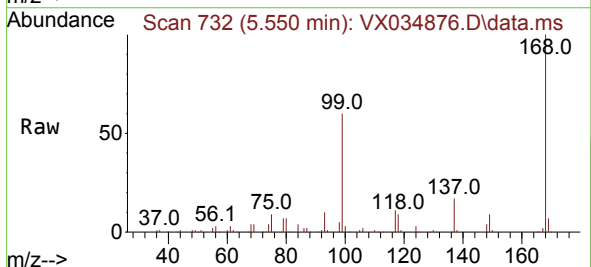
Instrument :
MSVOA_X
ClientSampleId :
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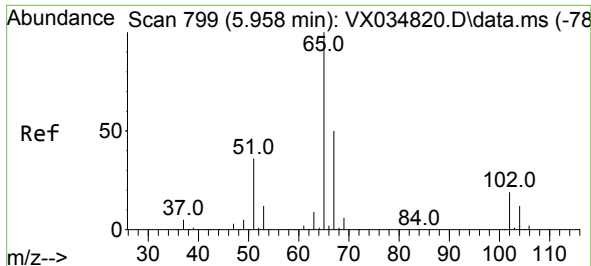
Tgt Ion: 84	Resp: 1221
Ion Ratio	Lower Upper
84 100	
49 116.2	103.8 155.8
51 28.5	31.8 47.8#
86 65.9	51.4 77.2



#31
Cyclohexane
Concen: 1.419 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034876.D
Acq: 31 Mar 2023 14:26

Tgt Ion: 56	Resp: 6160		
Ion Ratio	Lower	Upper	
56	100		
69	150.7	23.7	35.5#
84	137.9	68.5	102.7#

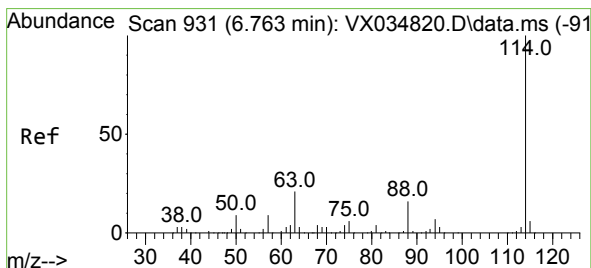
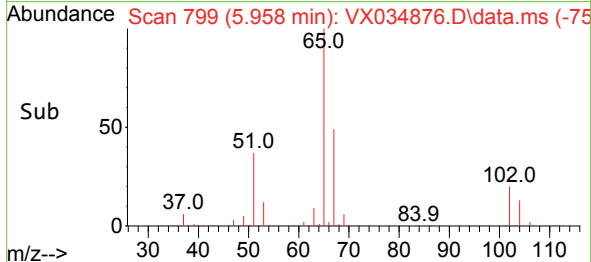
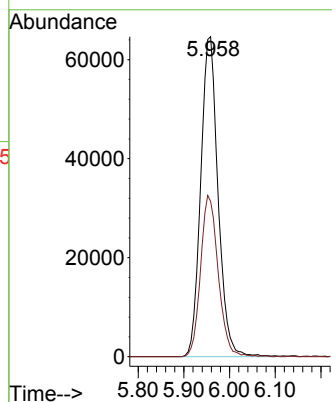
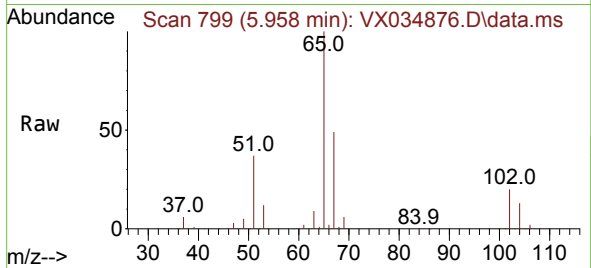




#33
 1,2-Dichloroethane-d4
 Concen: 47.693 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX034876.D
 Acq: 31 Mar 2023 14:26

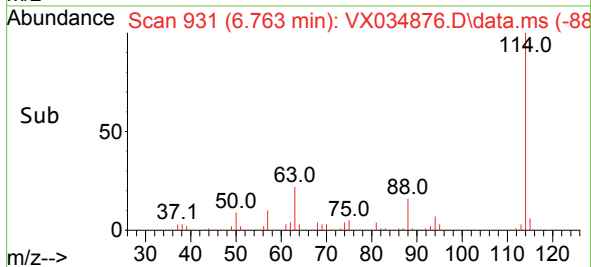
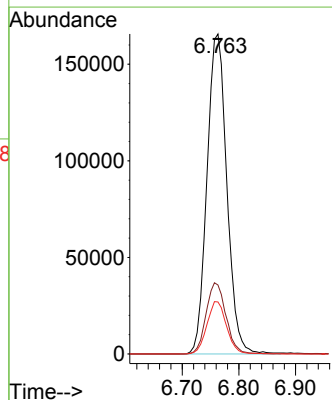
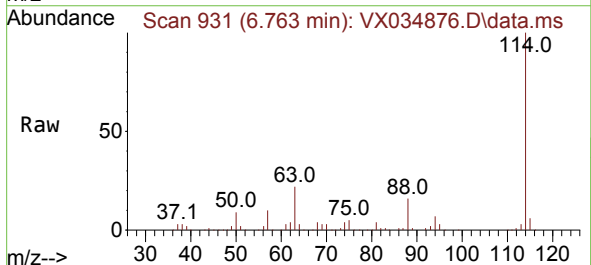
Instrument :
 MSVOA_X
 ClientSampleId :
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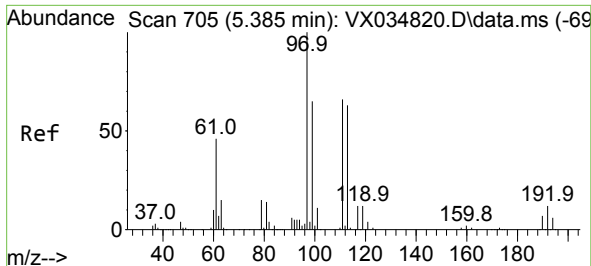
Tgt Ion: 65 Resp: 170080
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX034876.D
 Acq: 31 Mar 2023 14:26

Tgt Ion: 114 Resp: 402963
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.2
 88 16.3 0.0 33.2

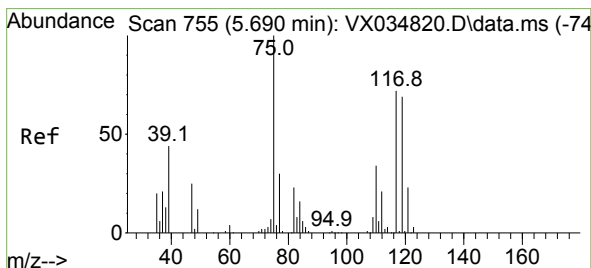
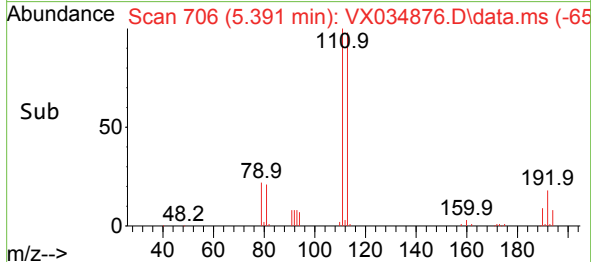
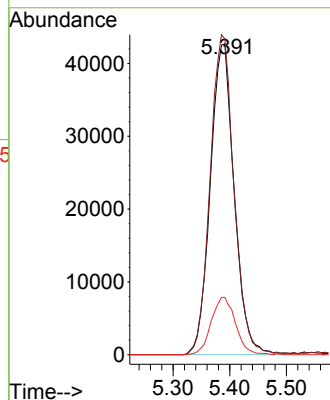
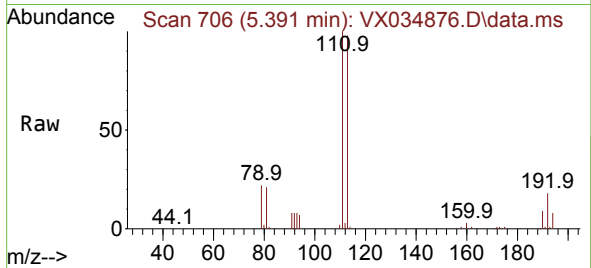




#35
Dibromofluoromethane
Concen: 46.764 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034876.D
Acq: 31 Mar 2023 14:26

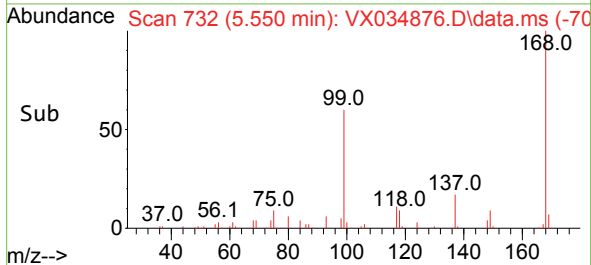
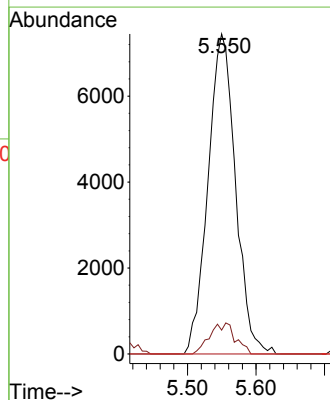
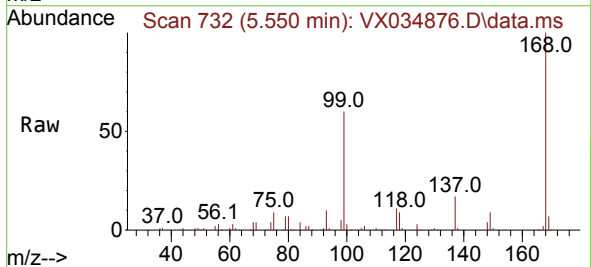
Instrument :
MSVOA_X
ClientSampleId :
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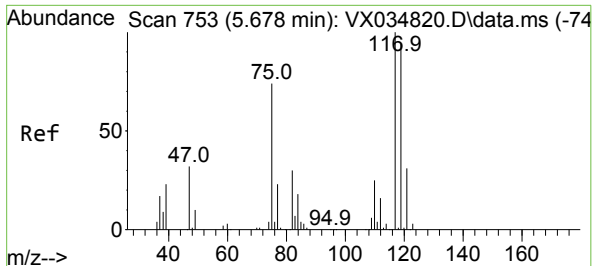
Tgt Ion:113 Resp: 124639
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 18.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.266 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034876.D
Acq: 31 Mar 2023 14:26

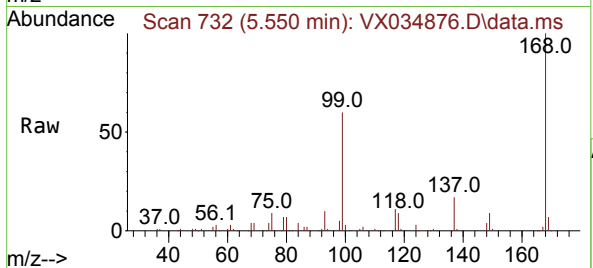
Tgt Ion: 75 Resp: 20792
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 24.3 36.5#



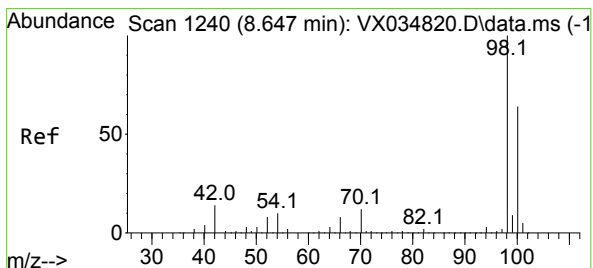
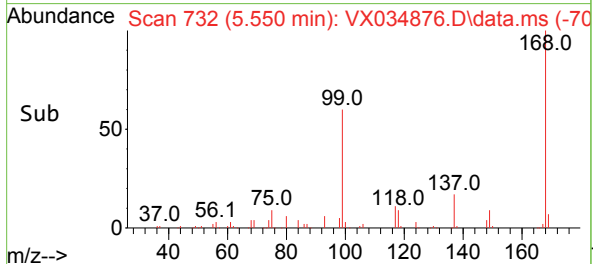
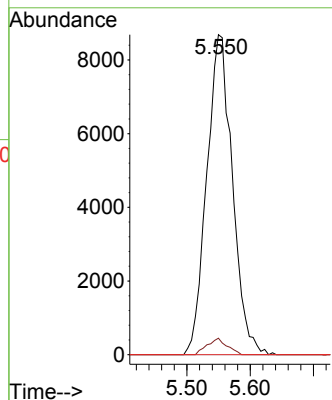


#38
Carbon Tetrachloride
Concen: 6.575 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034876.D
Acq: 31 Mar 2023 14:26

Instrument :
MSVOA_X
ClientSampleId :
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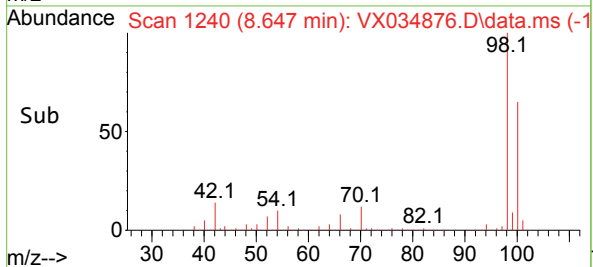
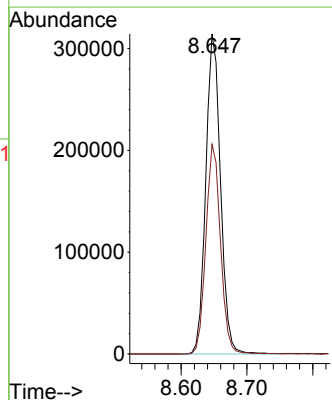
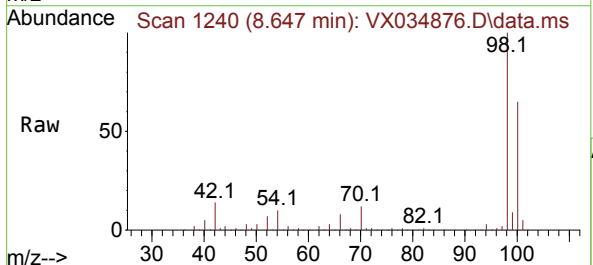


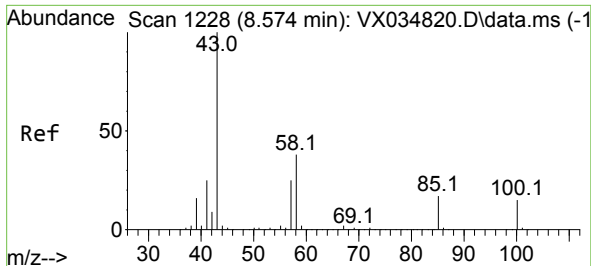
Tgt Ion:117 Resp: 24477
Ion Ratio Lower Upper
117 100
119 5.1 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.808 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034876.D
Acq: 31 Mar 2023 14:26

Tgt Ion: 98 Resp: 489997
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.694 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX034876.D

Acq: 31 Mar 2023 14:26

Instrument :

MSVOA_X

ClientSampleId :

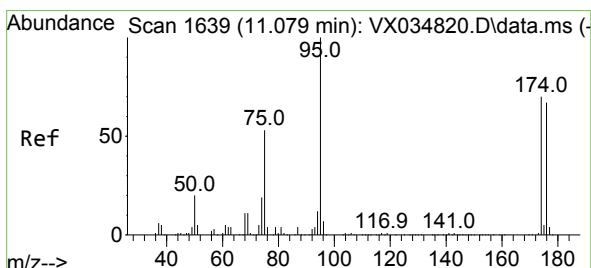
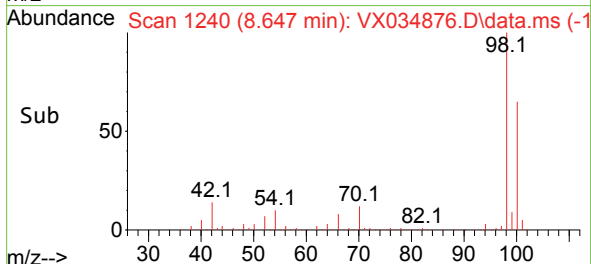
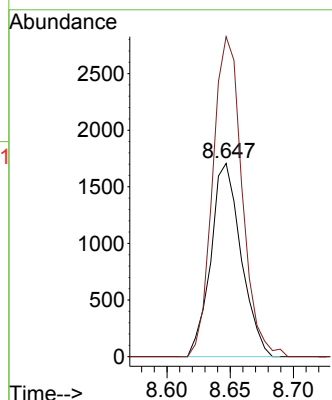
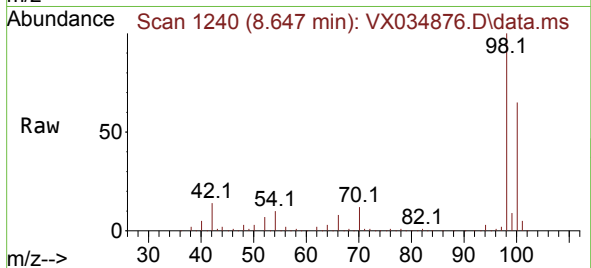
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Tgt Ion: 43 Resp: 2837

Ion Ratio Lower Upper

43 100

58 160.7 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 51.287 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034876.D

Acq: 31 Mar 2023 14:26

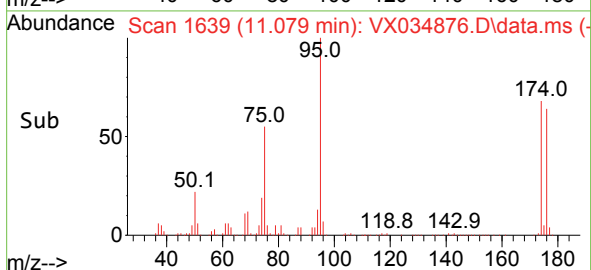
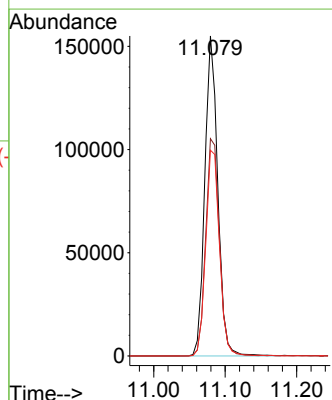
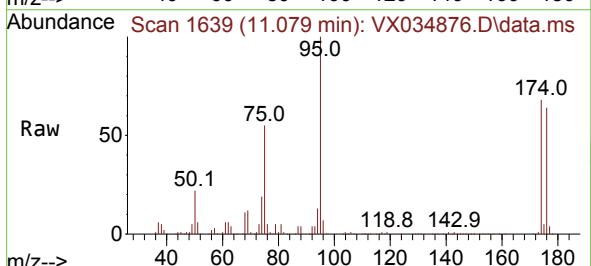
Tgt Ion: 95 Resp: 195247

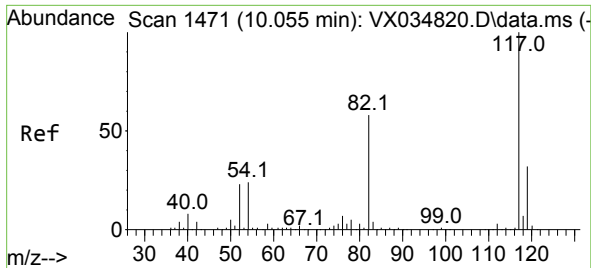
Ion Ratio Lower Upper

95 100

174 71.8 0.0 147.4

176 68.3 0.0 140.6

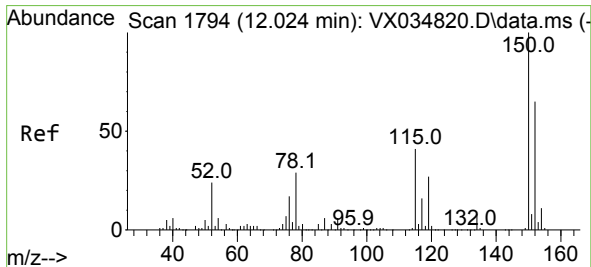
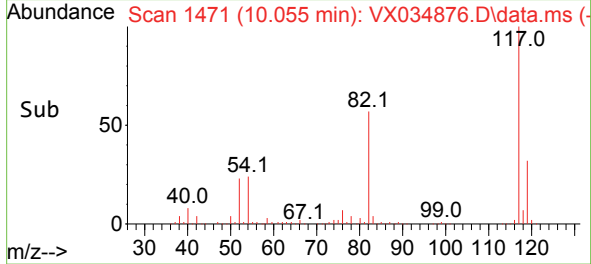
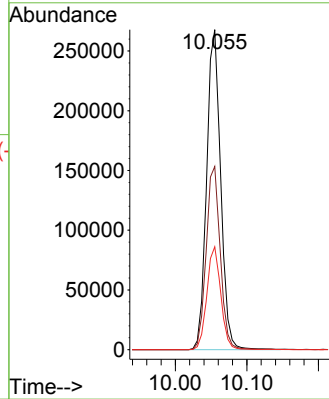
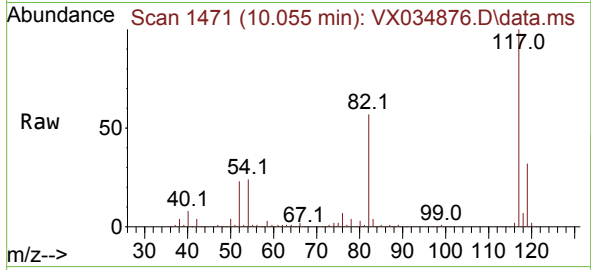




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034876.D
Acq: 31 Mar 2023 14:26

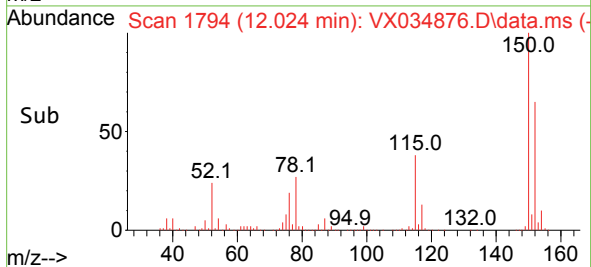
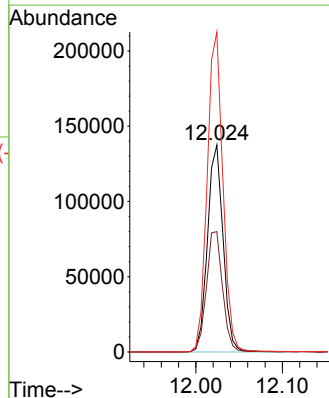
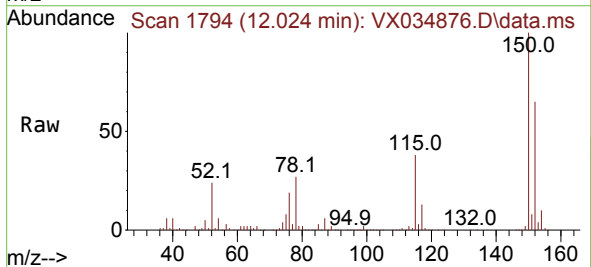
Instrument :
MSVOA_X
ClientSampleId :
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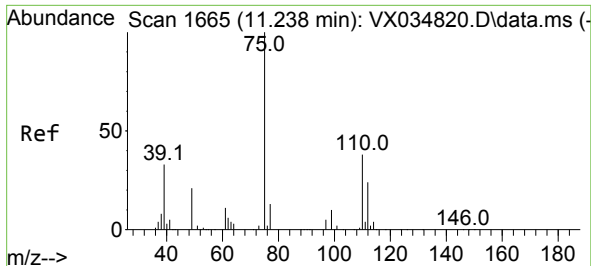
Tgt Ion:117 Resp: 364537
Ion Ratio Lower Upper
117 100
82 57.3 45.0 67.4
119 32.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034876.D
Acq: 31 Mar 2023 14:26

Tgt Ion:152 Resp: 171903
Ion Ratio Lower Upper
152 100
115 60.5 45.0 135.0
150 156.3 0.0 352.4

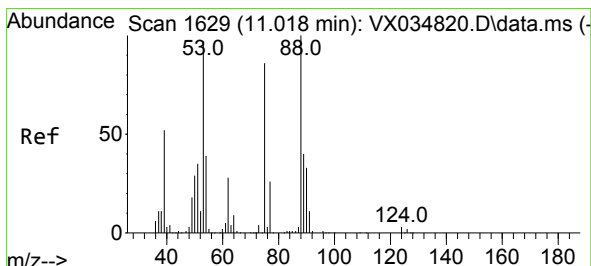
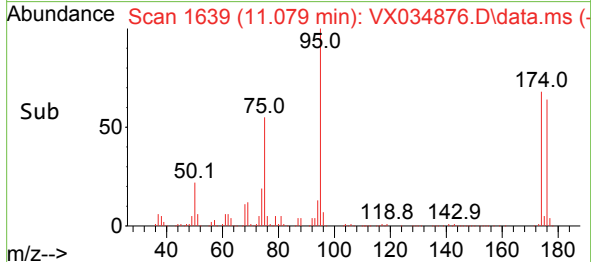
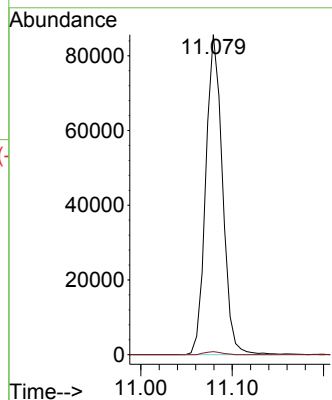
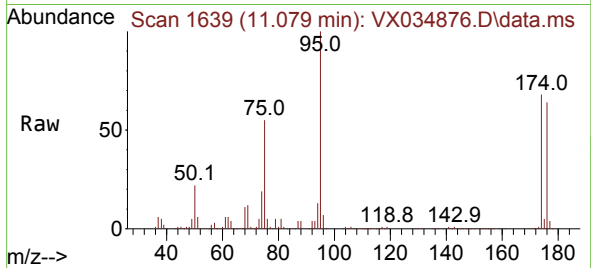




#76
1,2,3-Trichloropropane
Concen: 31.284 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034876.D
Acq: 31 Mar 2023 14:26

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 108360
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.757 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034876.D
Acq: 31 Mar 2023 14:26

Tgt Ion: 75 Resp: 108360
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

