

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035014.D
 Acq On : 11 Apr 2023 17:07
 Operator : JC/MD
 Sample : 02272-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Apr 12 05:52:20 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)

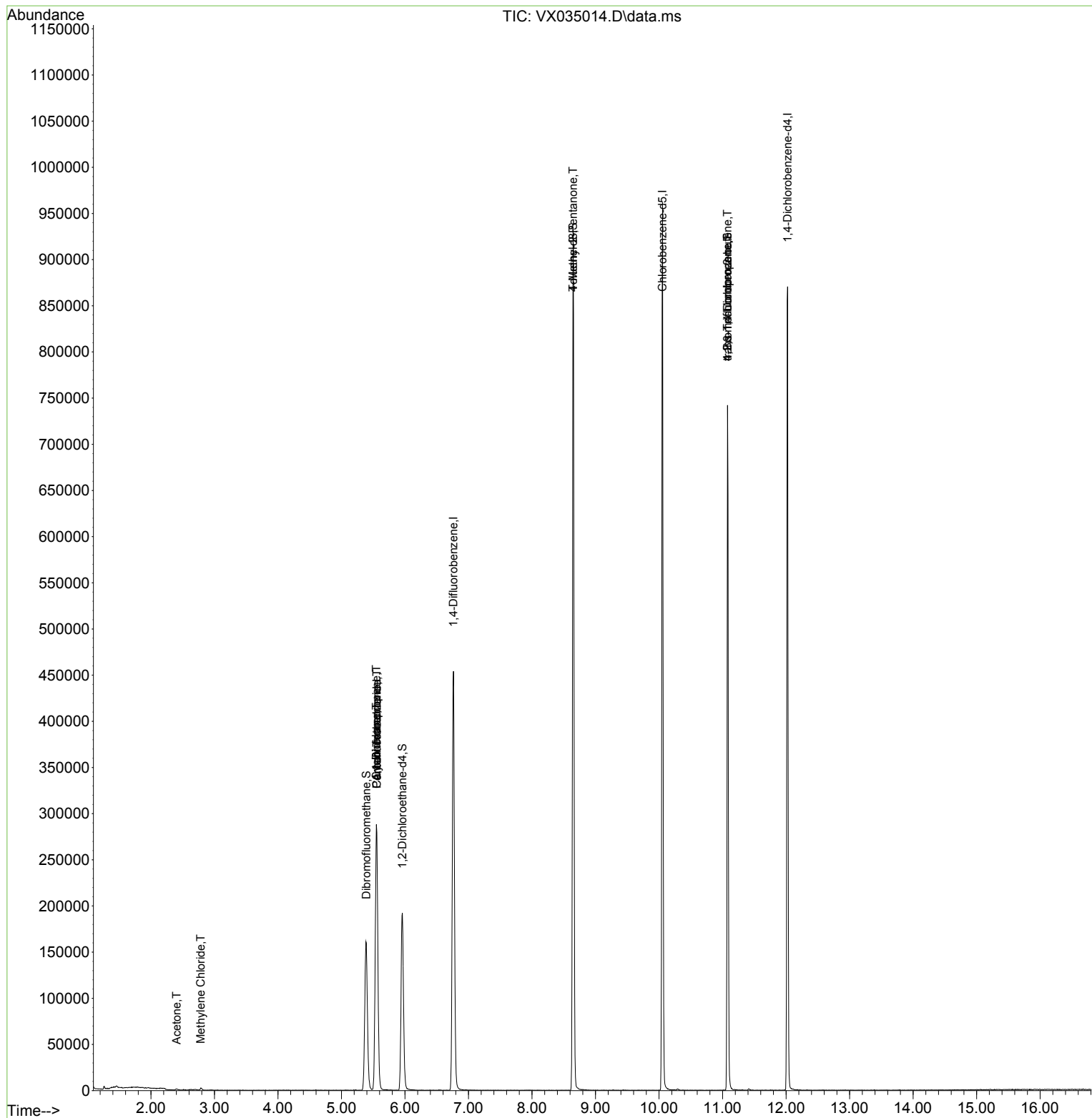
Internal Standards						
1) Pentafluorobenzene	5.556	168	262521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	448440	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	412546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	190565	47.465	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	94.920%	
35) Dibromofluoromethane	5.391	113	141570	47.730	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.460%	
50) Toluene-d8	8.647	98	542987	49.597	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.200%	
62) 4-Bromofluorobenzene	11.079	95	203736	48.090	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	96.180%	
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	1925	1.180	ug/l #	80
20) Methylene Chloride	2.782	84	1276	0.396	ug/l #	82
31) Cyclohexane	5.550	56	6198	1.268	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	21994	5.005	ug/l #	52
38) Carbon Tetrachloride	5.556	117	28086	6.779	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2680	0.589	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	106864	29.395	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	106864	88.094	ug/l #	8

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

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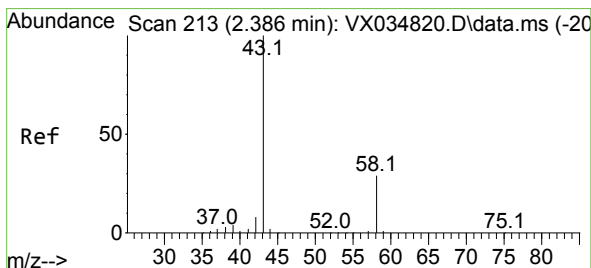
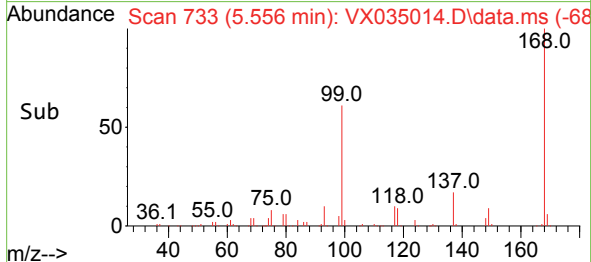
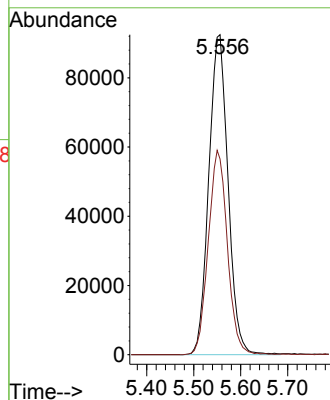
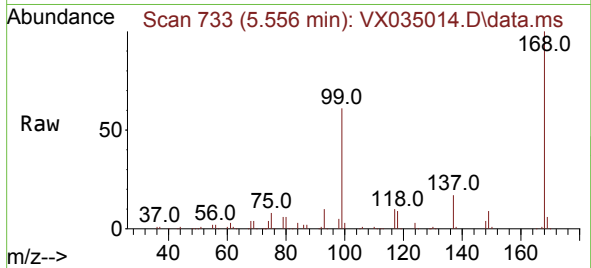




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035014.D
Acq: 11 Apr 2023 17:07

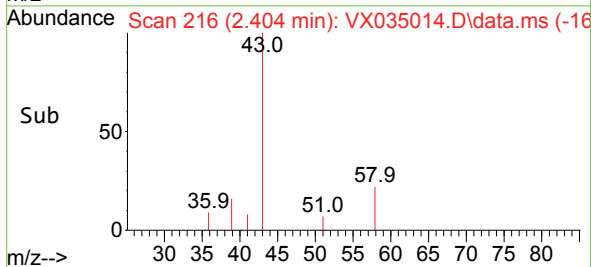
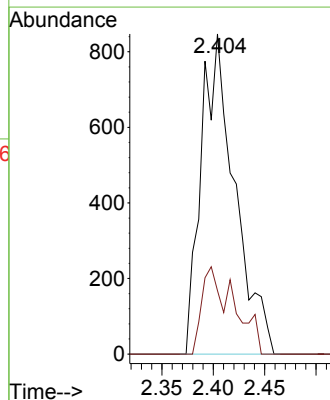
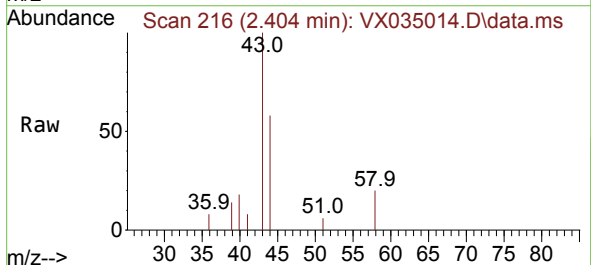
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

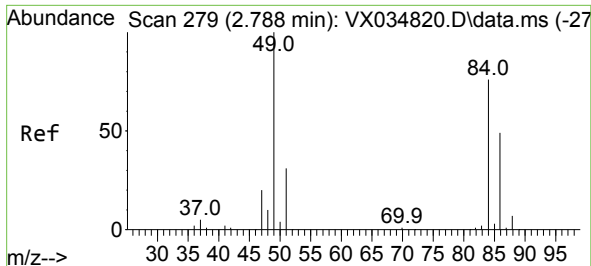
Tgt Ion:168 Resp: 262521
Ion Ratio Lower Upper
168 100
99 61.1 45.7 68.5



#16
Acetone
Concen: 1.180 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.018 min
Lab File: VX035014.D
Acq: 11 Apr 2023 17:07

Tgt Ion: 43 Resp: 1925
Ion Ratio Lower Upper
43 100
58 19.8 24.7 37.1#





#20

Methylene Chloride

Concen: 0.396 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX035014.D

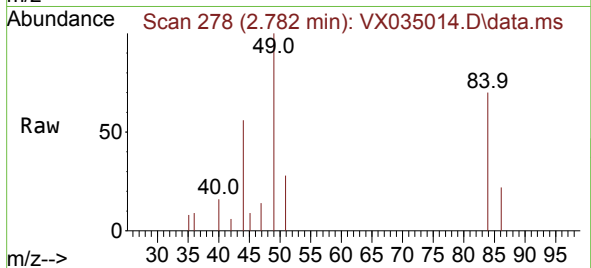
Acq: 11 Apr 2023 17:07

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK



Tgt Ion: 84 Resp: 1276

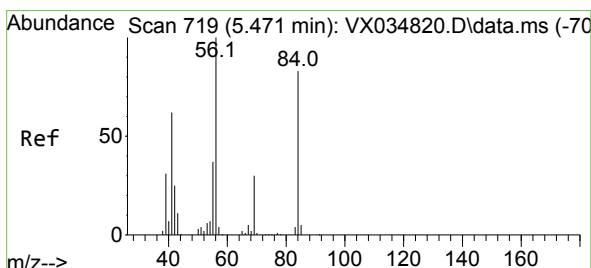
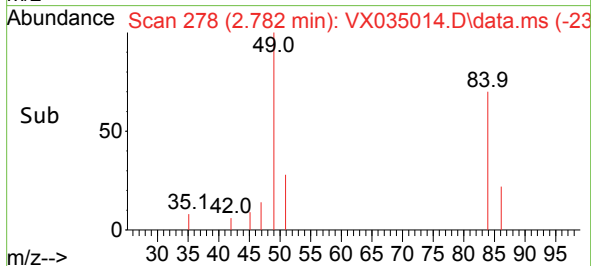
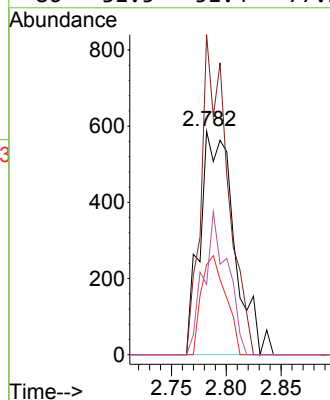
Ion Ratio Lower Upper

84 100

49 143.1 103.8 155.8

51 40.2 31.8 47.8

86 31.5 51.4 77.2#



#31

Cyclohexane

Concen: 1.268 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX035014.D

Acq: 11 Apr 2023 17:07

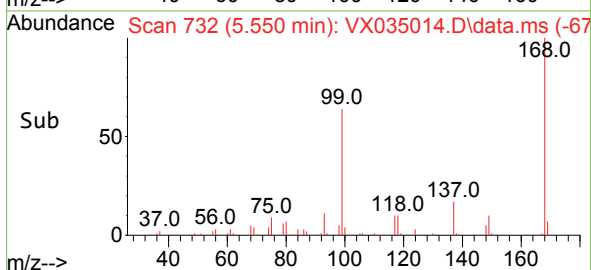
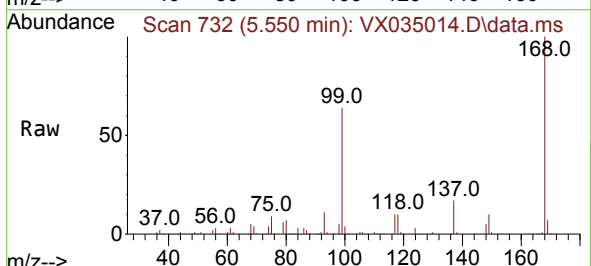
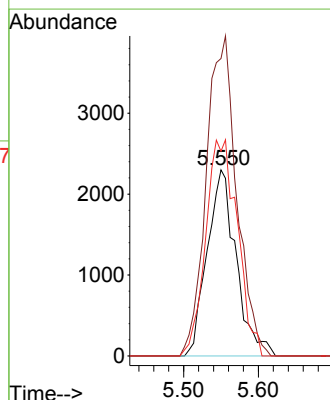
Tgt Ion: 56 Resp: 6198

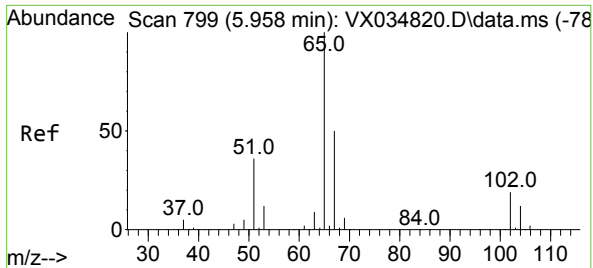
Ion Ratio Lower Upper

56 100

69 159.9 23.7 35.5#

84 110.0 68.5 102.7#

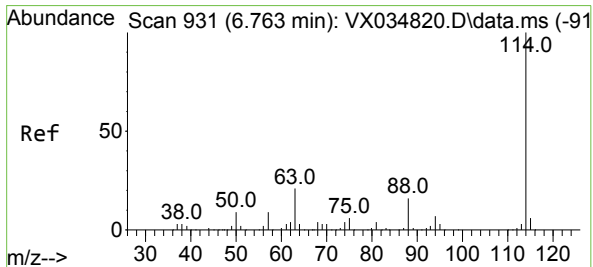
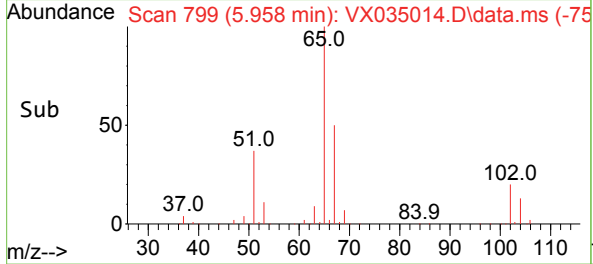
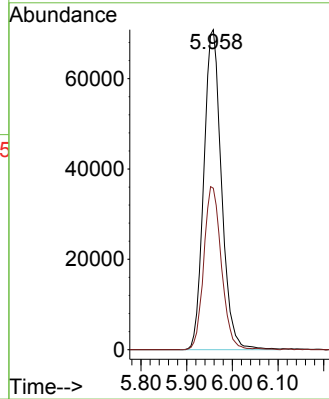
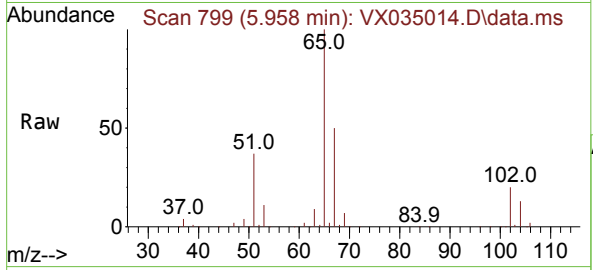




#33
 1,2-Dichloroethane-d4
 Concen: 47.465 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX035014.D
 Acq: 11 Apr 2023 17:07

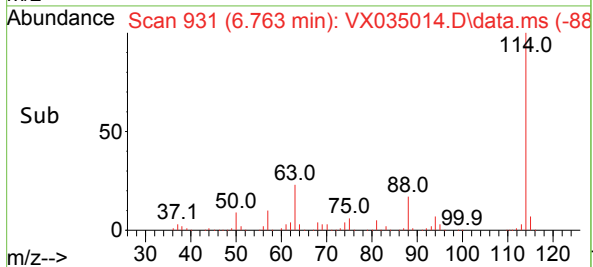
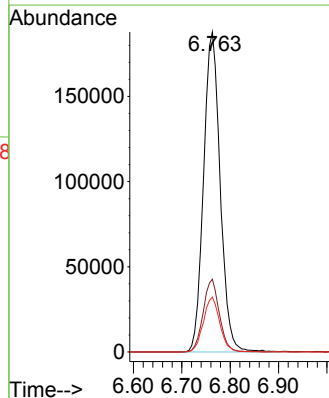
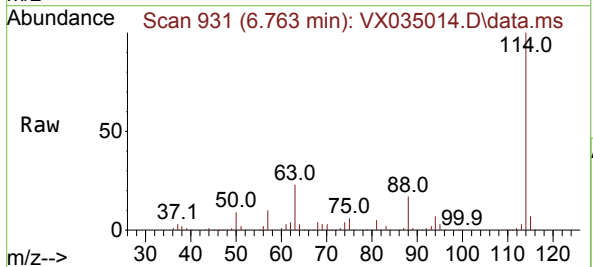
Instrument :
 MSVOA_X
 ClientSampleId :
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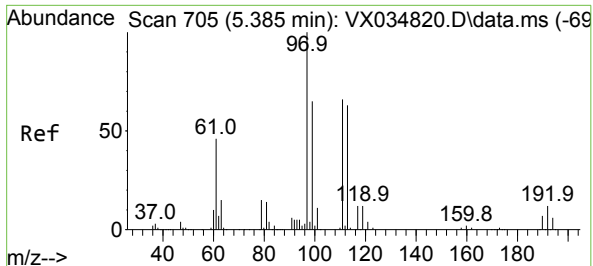
Tgt Ion: 65 Resp: 190565
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX035014.D
 Acq: 11 Apr 2023 17:07

Tgt Ion: 114 Resp: 448440
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 42.2
 88 17.1 0.0 33.2

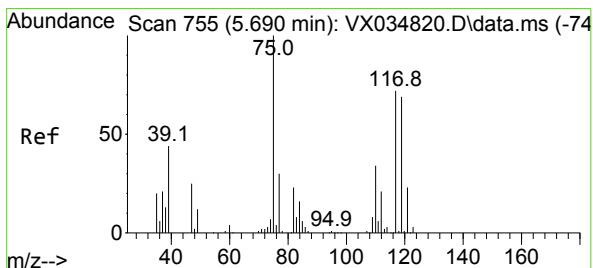
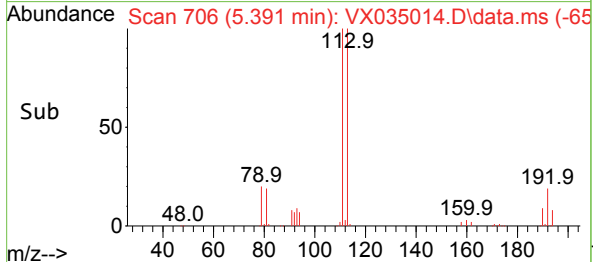
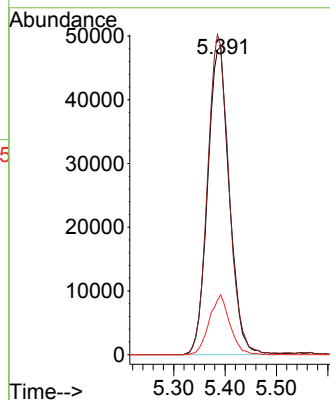
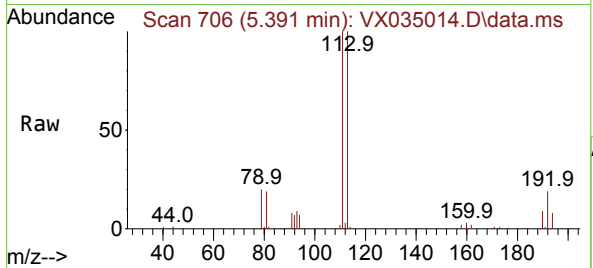




#35
Dibromofluoromethane
Concen: 47.730 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035014.D
Acq: 11 Apr 2023 17:07

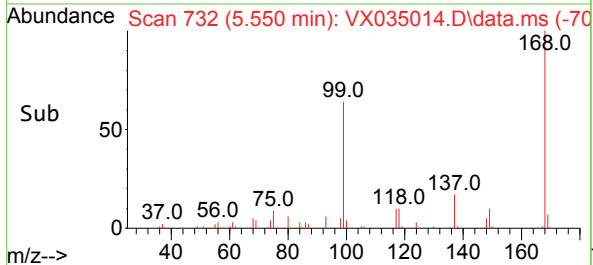
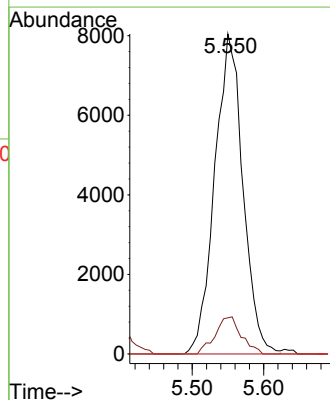
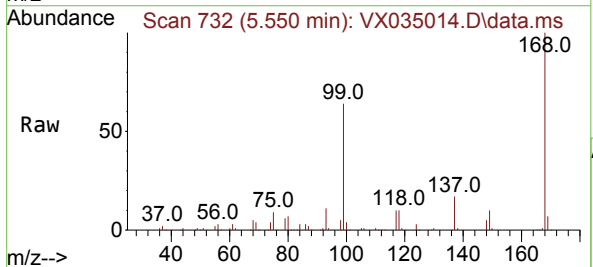
Instrument :
MSVOA_X
ClientSampleId :
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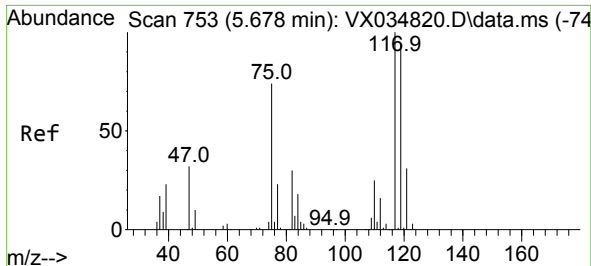
Tgt Ion:113 Resp: 141570
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 18.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.005 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035014.D
Acq: 11 Apr 2023 17:07

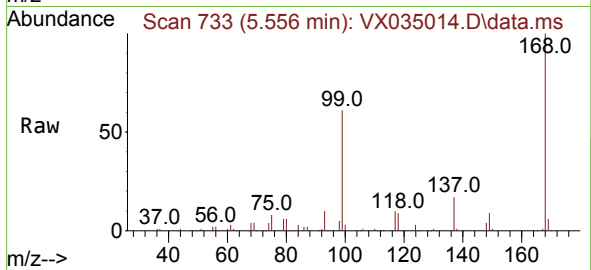
Tgt Ion: 75 Resp: 21994
Ion Ratio Lower Upper
75 100
110 10.8 17.5 52.5#
77 0.0 24.3 36.5#



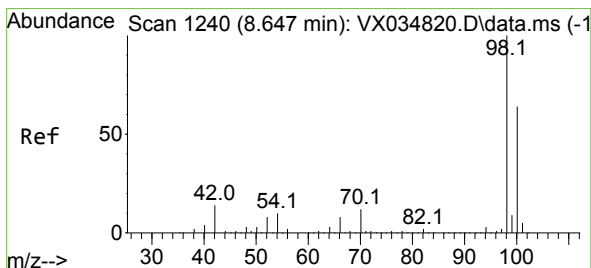
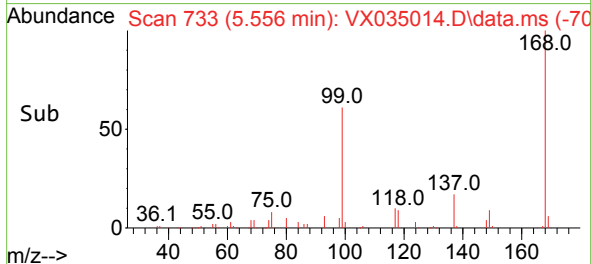
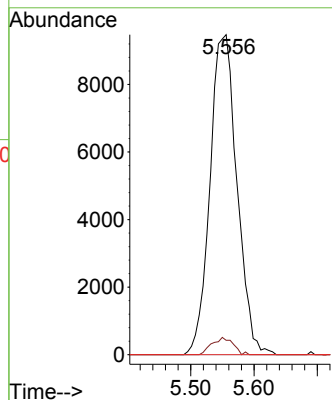


#38
Carbon Tetrachloride
Concen: 6.779 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX035014.D
Acq: 11 Apr 2023 17:07

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

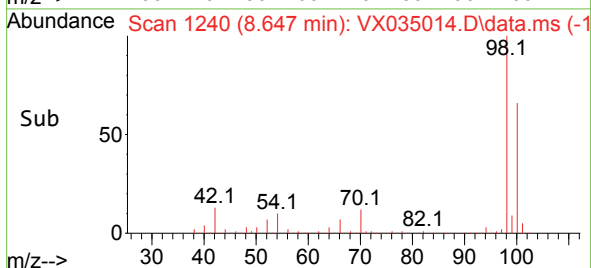
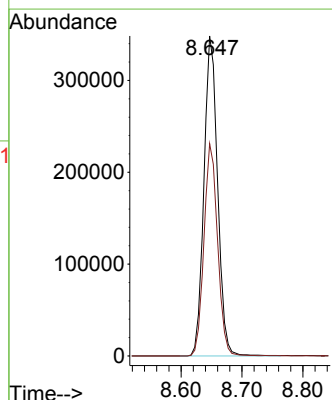
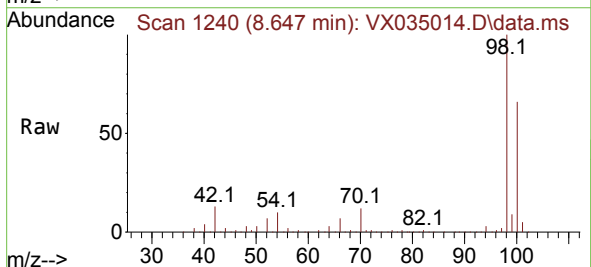


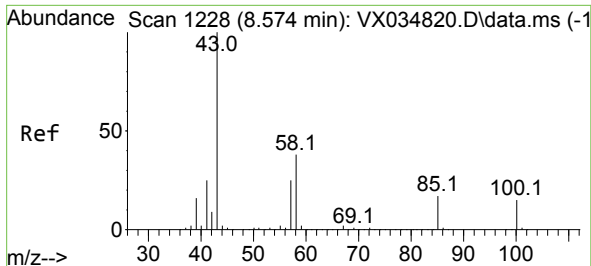
Tgt Ion:117 Resp: 28086
Ion Ratio Lower Upper
117 100
119 4.5 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.597 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035014.D
Acq: 11 Apr 2023 17:07

Tgt Ion: 98 Resp: 542987
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7

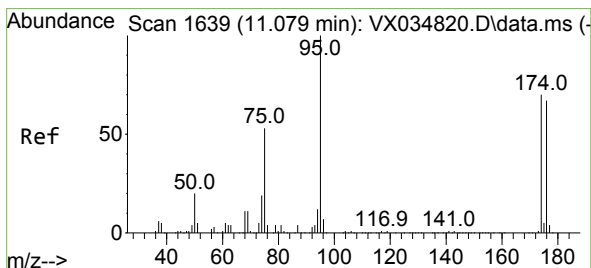
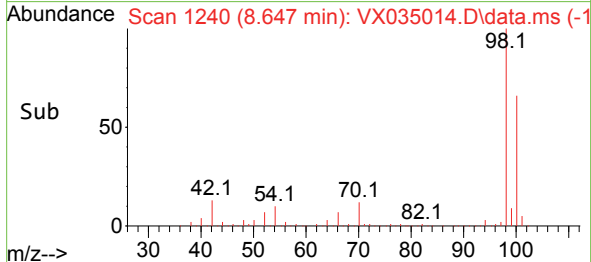
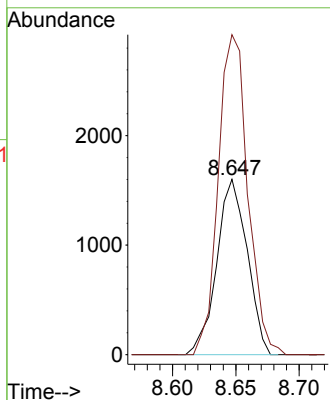
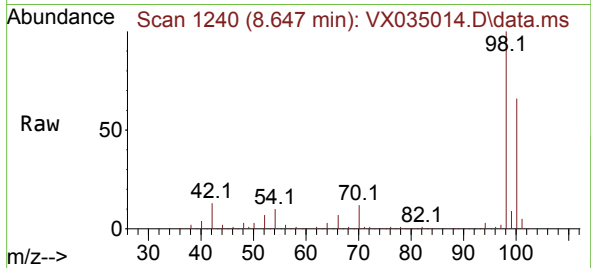




#51
4-Methyl-2-Pentanone
Concen: 0.589 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035014.D
Acq: 11 Apr 2023 17:07

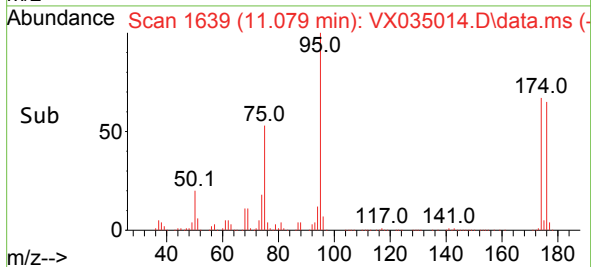
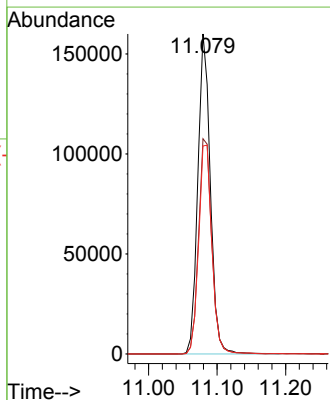
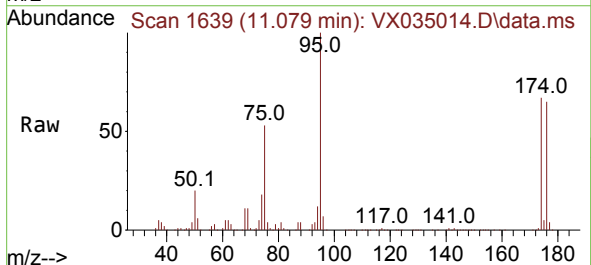
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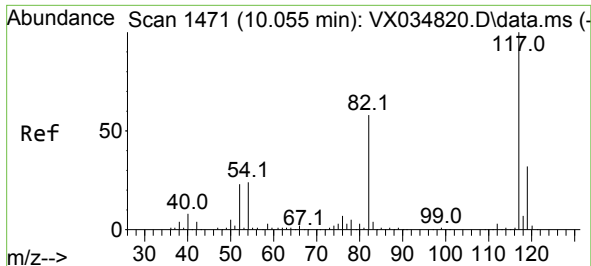
Tgt Ion: 43 Resp: 2680
Ion Ratio Lower Upper
43 100
58 177.2 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 48.090 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035014.D
Acq: 11 Apr 2023 17:07

Tgt Ion: 95 Resp: 203736
Ion Ratio Lower Upper
95 100
174 71.0 0.0 147.4
176 69.2 0.0 140.6

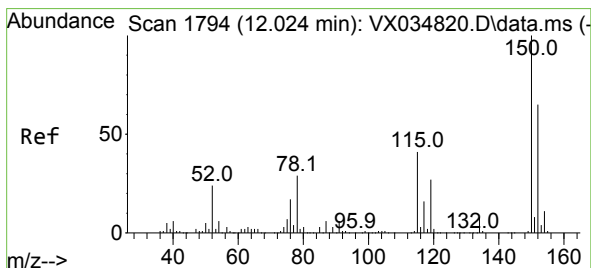
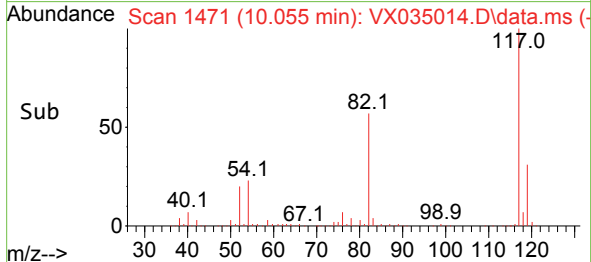
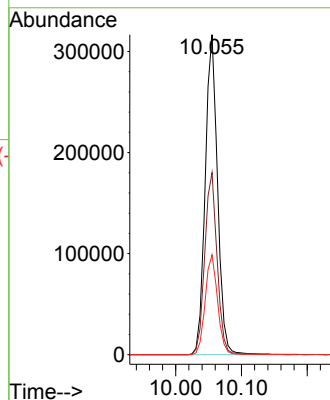
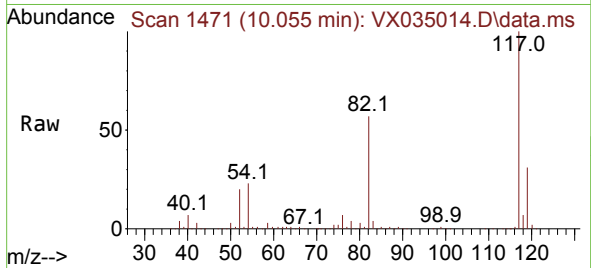




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035014.D
Acq: 11 Apr 2023 17:07

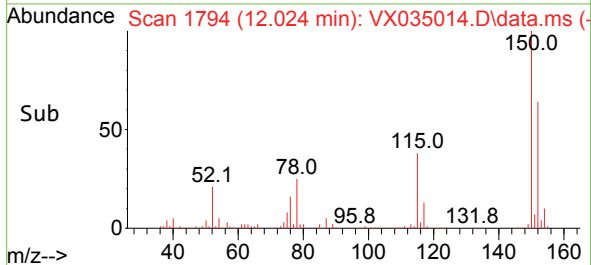
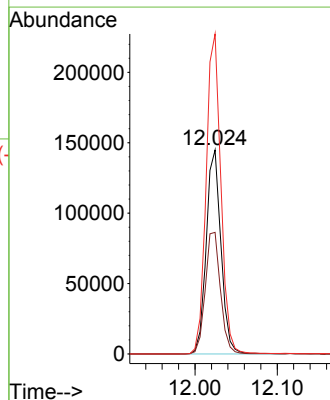
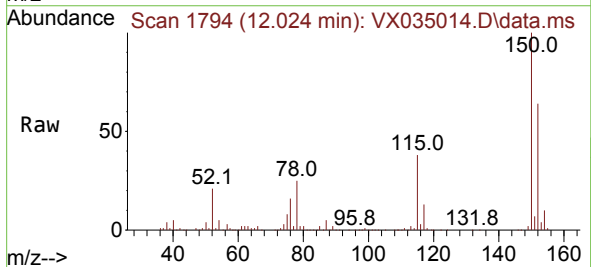
Instrument :
MSVOA_X
ClientSampleId :
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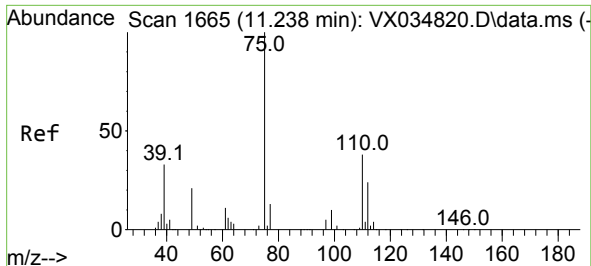
Tgt Ion:117 Resp: 412546
Ion Ratio Lower Upper
117 100
82 56.9 45.0 67.4
119 31.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035014.D
Acq: 11 Apr 2023 17:07

Tgt Ion:152 Resp: 180428
Ion Ratio Lower Upper
152 100
115 61.4 45.0 135.0
150 157.0 0.0 352.4

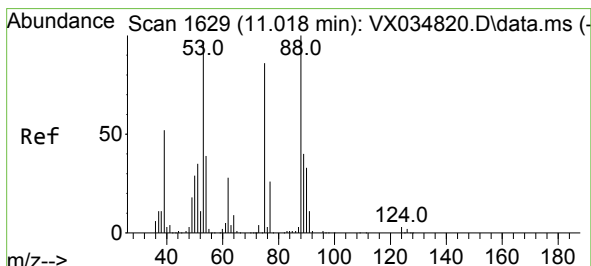
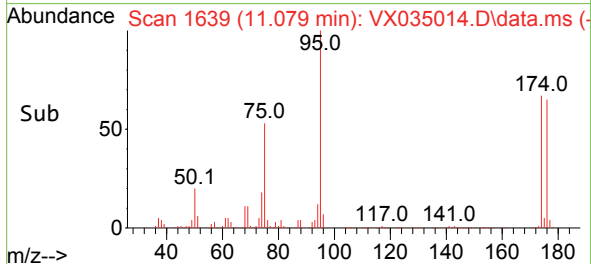
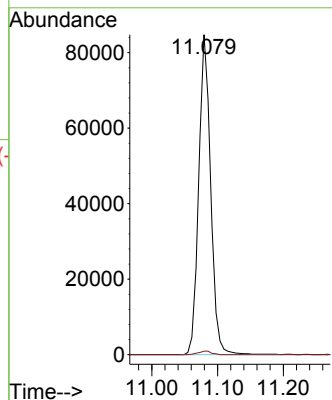
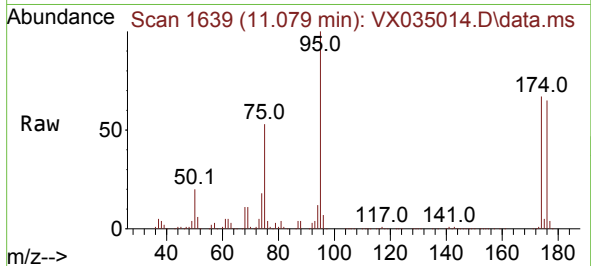




#76
1,2,3-Trichloropropane
Concen: 29.395 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035014.D
Acq: 11 Apr 2023 17:07

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 106864
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.094 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035014.D
Acq: 11 Apr 2023 17:07

Tgt Ion: 75 Resp: 106864
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

