

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041423\
 Data File : VX035062.D
 Acq On : 13 Apr 2023 14:27
 Operator : JC/MD
 Sample : 02325-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230412032-07-TRIP-BLANK

Quant Time: Apr 14 05:41:35 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

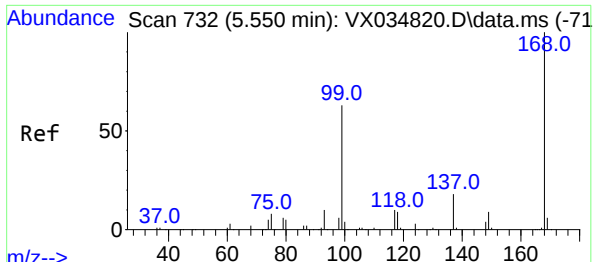
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	261182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	440865	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	393834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	173321	43.391	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.780%
35) Dibromofluoromethane	5.391	113	135062	46.318	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.640%
50) Toluene-d8	8.647	98	523215	48.612	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.220%
62) 4-Bromofluorobenzene	11.079	95	194230	46.634	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.260%
Target Compounds						
					Qvalue	
14) Allyl chloride	2.672	41	1119	0.213	ug/l #	26
16) Acetone	2.398	43	61394	37.835	ug/l	99
18) Methyl Acetate	2.709	43	1973	0.342	ug/l #	74
30) Chloroform	5.099	83	5865	1.013	ug/l	95
31) Cyclohexane	5.556	56	5802	1.193	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	21127	4.890	ug/l #	50
38) Carbon Tetrachloride	5.550	117	26176	6.427	ug/l #	15
47) Bromodichloromethane	7.824	83	1313	0.320	ug/l #	48
51) 4-Methyl-2-Pentanone	8.647	43	2598	0.581	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	99687	28.278	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	99687	84.747	ug/l #	8
94) Hexachlorobutadiene	13.725	225	516	0.358	ug/l	93

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

Quant Time: Apr 14 05:41:35 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

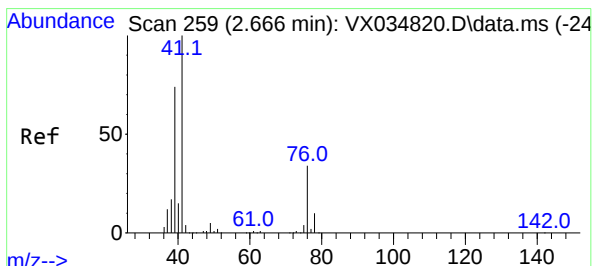
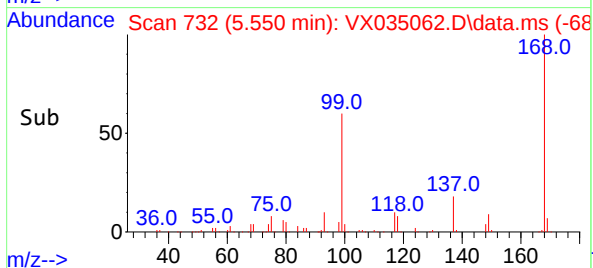
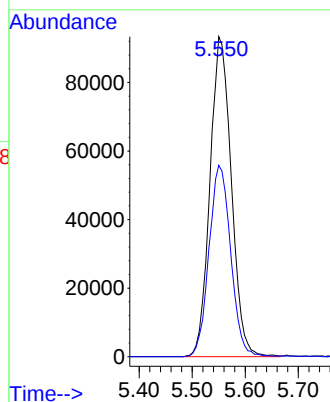
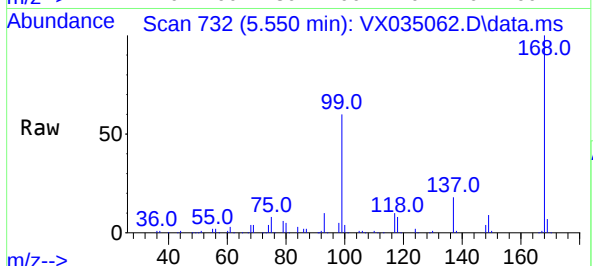




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035062.D
Acq: 13 Apr 2023 14:27

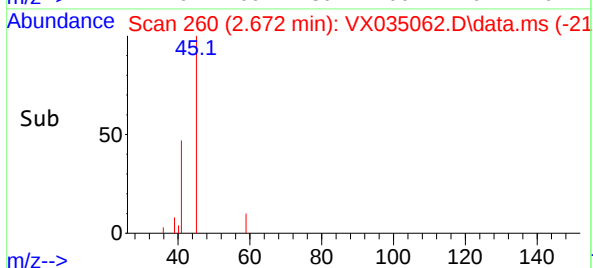
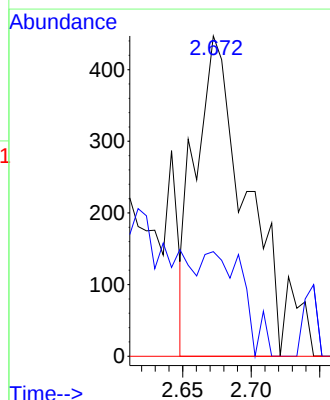
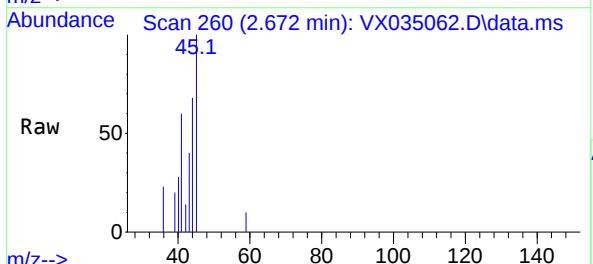
Instrument :
MSVOA_X
ClientSampleId :
230412032-07-TRIP-BLANK

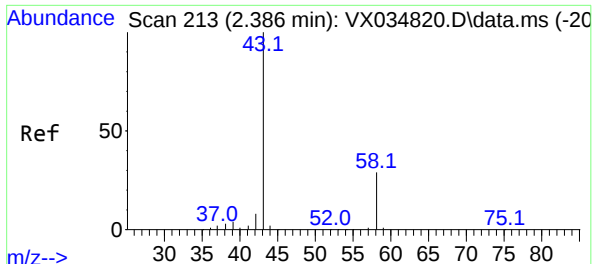
Tgt Ion:168 Resp: 261182
Ion Ratio Lower Upper
168 100
99 59.8 45.7 68.5



#14
Allyl chloride
Concen: 0.213 ug/l
RT: 2.672 min Scan# 260
Delta R.T. 0.006 min
Lab File: VX035062.D
Acq: 13 Apr 2023 14:27

Tgt Ion: 41 Resp: 1119
Ion Ratio Lower Upper
41 100
39 0.0 52.4 78.6#
76 0.0 26.0 39.0#

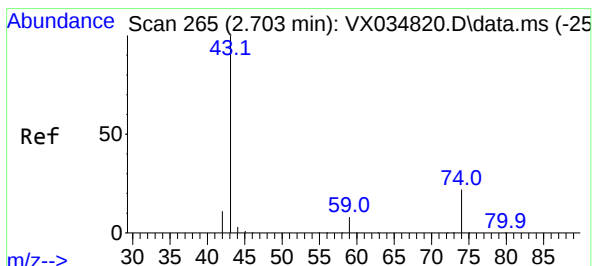
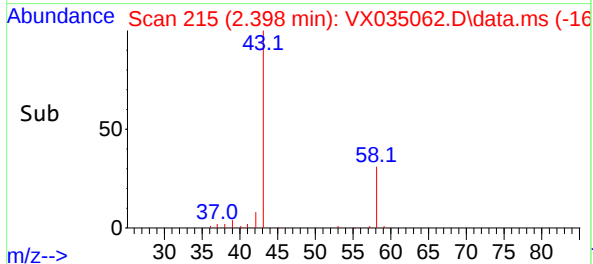
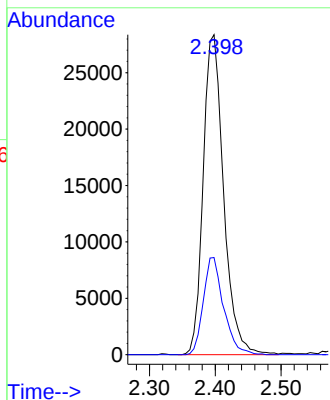
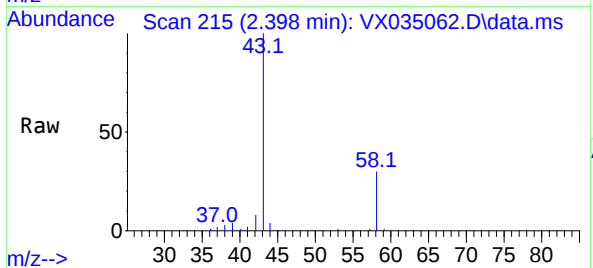




#16
Acetone
Concen: 37.835 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX035062.D
Acq: 13 Apr 2023 14:27

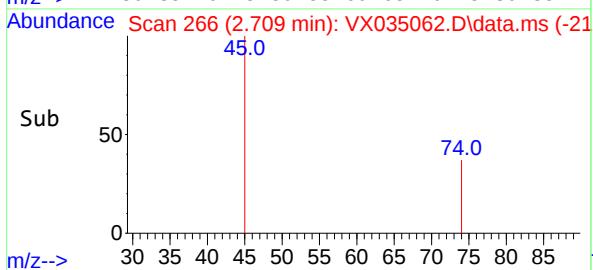
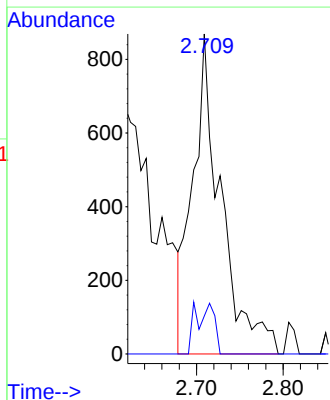
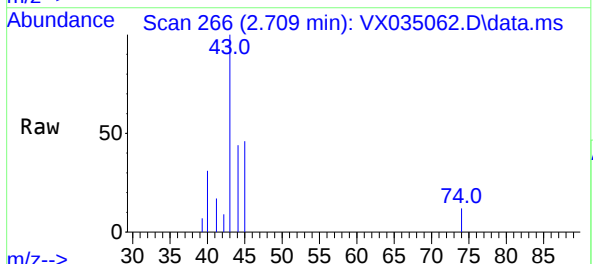
Instrument : MSVOA_X
ClientSampleId : 230412032-07-TRIP-BLANK

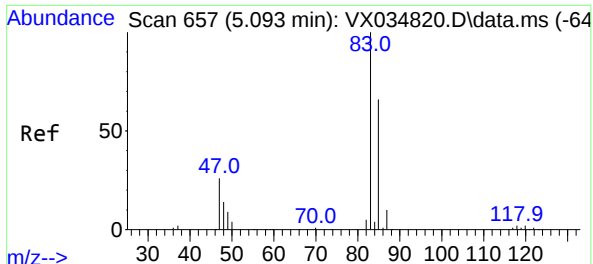
Tgt Ion: 43 Resp: 61394
Ion Ratio Lower Upper
43 100
58 30.4 24.7 37.1



#18
Methyl Acetate
Concen: 0.342 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035062.D
Acq: 13 Apr 2023 14:27

Tgt Ion: 43 Resp: 1973
Ion Ratio Lower Upper
43 100
74 10.2 18.3 27.5#





#30

Chloroform

Concen: 1.013 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX035062.D

Acq: 13 Apr 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

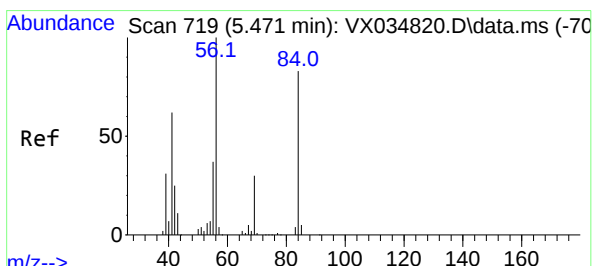
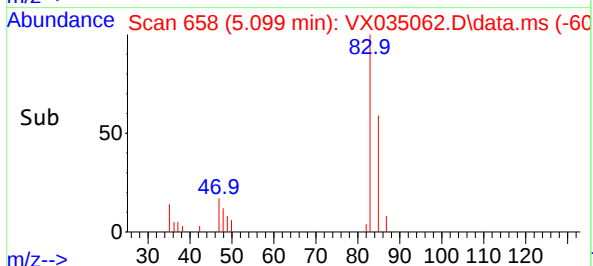
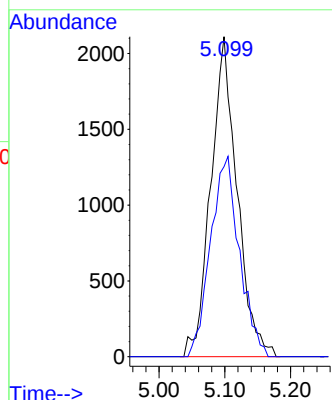
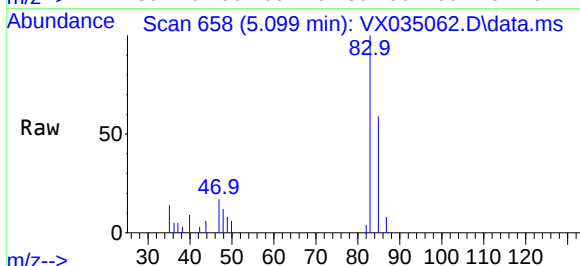
230412032-07-TRIP-BLANK

Tgt Ion: 83 Resp: 5865

Ion Ratio Lower Upper

83 100

85 59.4 50.6 76.0



#31

Cyclohexane

Concen: 1.193 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX035062.D

Acq: 13 Apr 2023 14:27

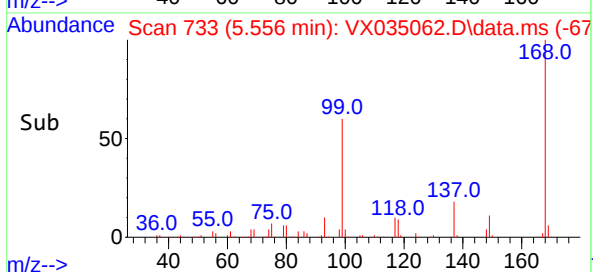
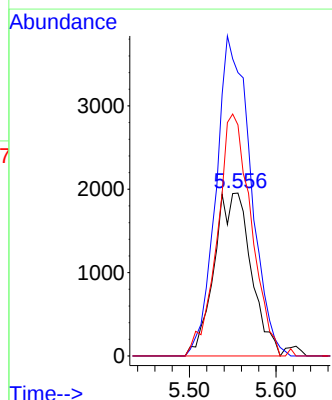
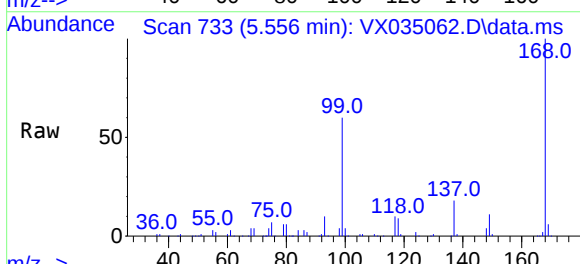
Tgt Ion: 56 Resp: 5802

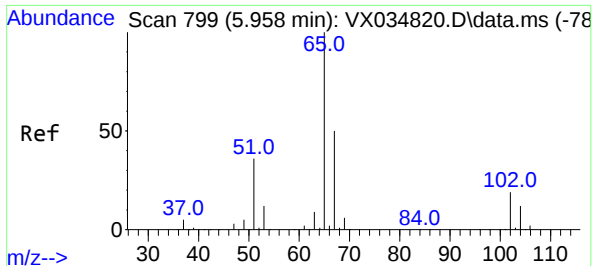
Ion Ratio Lower Upper

56 100

69 174.0 23.7 35.5#

84 141.8 68.5 102.7#

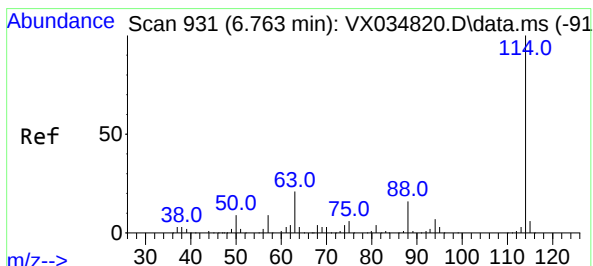
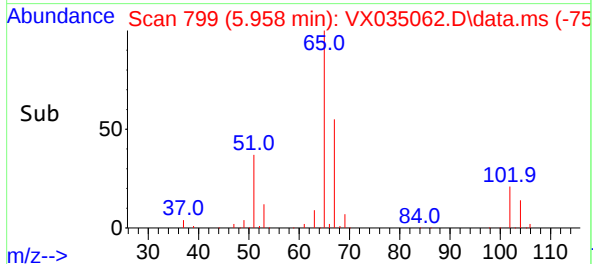
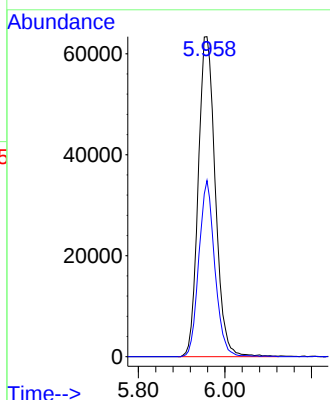
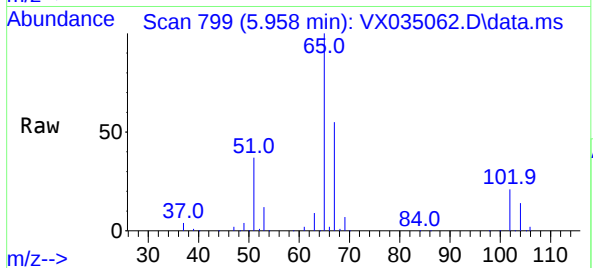




#33
1,2-Dichloroethane-d4
Concen: 43.391 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035062.D
Acq: 13 Apr 2023 14:27

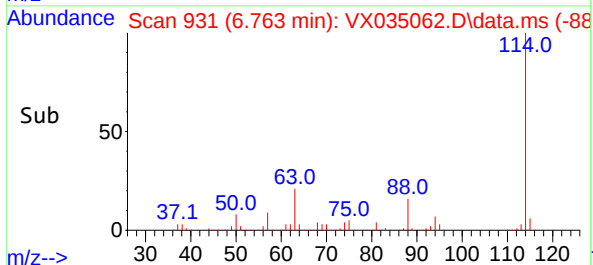
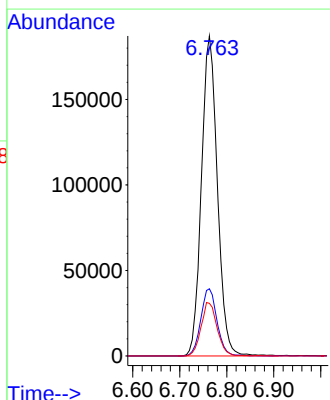
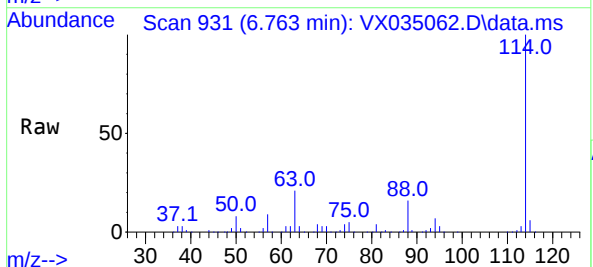
Instrument :
MSVOA_X
ClientSampleId :
230412032-07-TRIP-BLANK

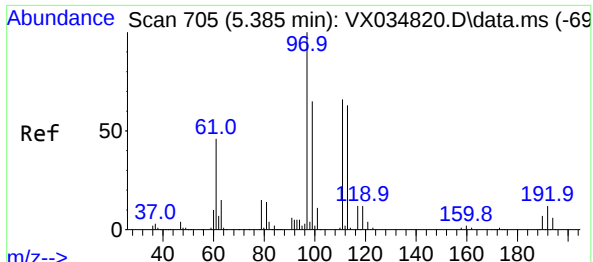
Tgt Ion: 65 Resp: 173321
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX035062.D
Acq: 13 Apr 2023 14:27

Tgt Ion: 114 Resp: 440865
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.2
88 16.4 0.0 33.2

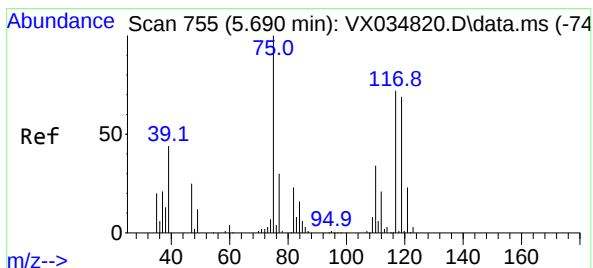
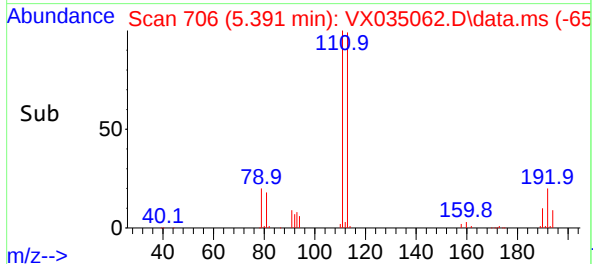
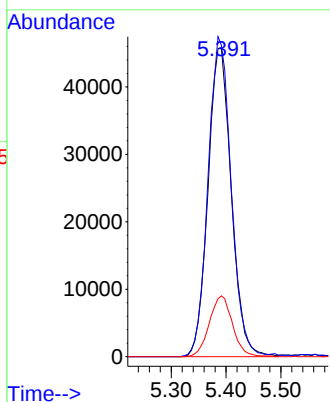
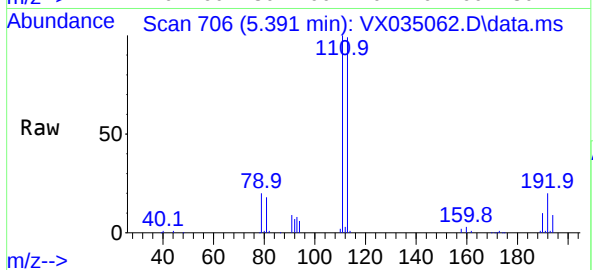




#35
Dibromofluoromethane
Concen: 46.318 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035062.D
Acq: 13 Apr 2023 14:27

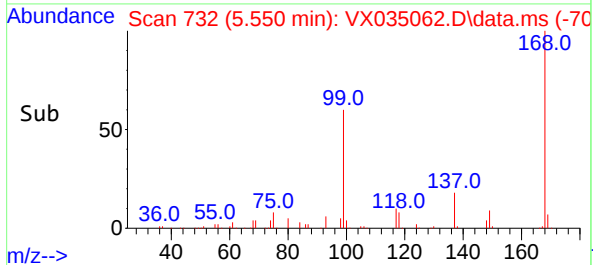
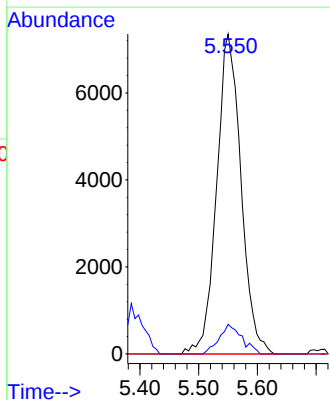
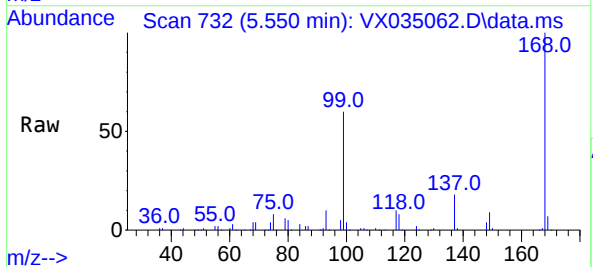
Instrument :
MSVOA_X
ClientSampleId :
230412032-07-TRIP-BLANK

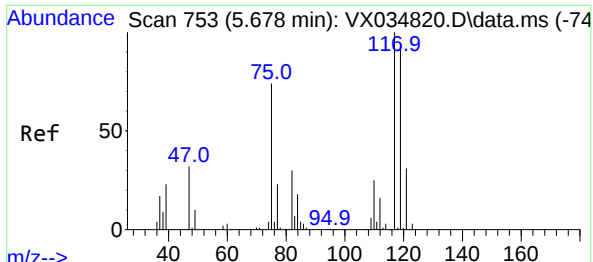
Tgt Ion:113 Resp: 135062
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 19.6 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.890 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035062.D
Acq: 13 Apr 2023 14:27

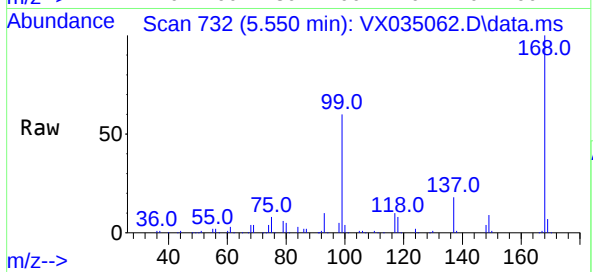
Tgt Ion: 75 Resp: 21127
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.0 24.3 36.5#



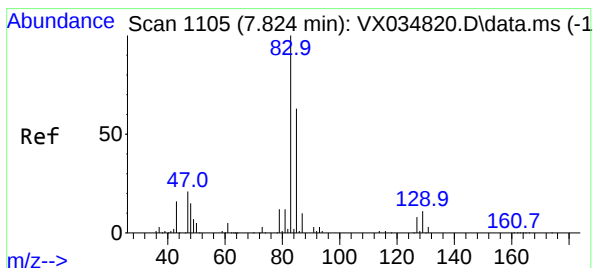
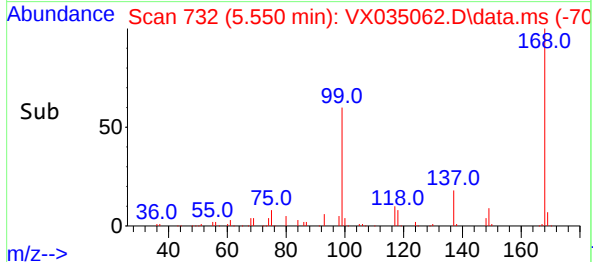
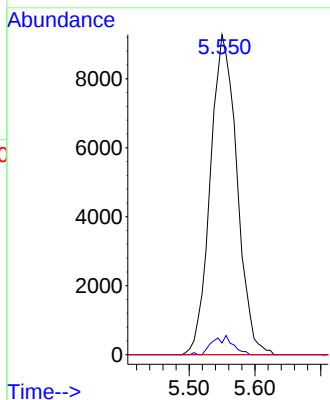


#38
Carbon Tetrachloride
Concen: 6.427 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035062.D
Acq: 13 Apr 2023 14:27

Instrument :
MSVOA_X
ClientSampleId :
230412032-07-TRIP-BLANK

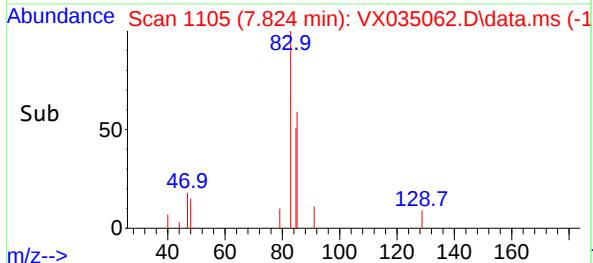
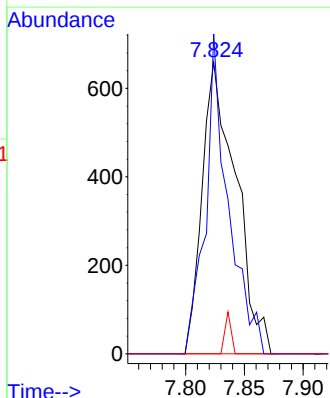
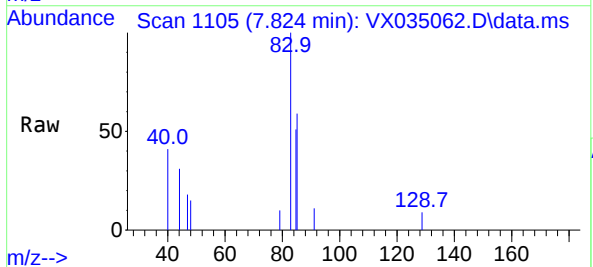


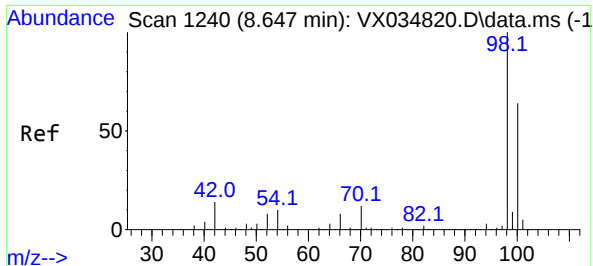
Tgt Ion:117 Resp: 26176
Ion Ratio Lower Upper
117 100
119 3.6 76.6 114.8#
121 0.0 23.8 35.6#



#47
Bromodichloromethane
Concen: 0.320 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX035062.D
Acq: 13 Apr 2023 14:27

Tgt Ion: 83 Resp: 1313
Ion Ratio Lower Upper
83 100
85 109.7 52.2 78.4#
127 0.0 6.6 9.8#

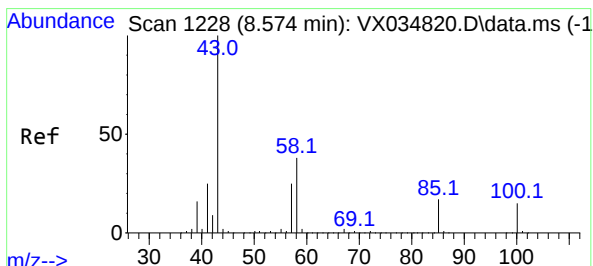
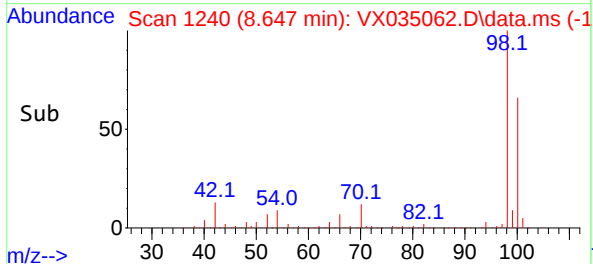
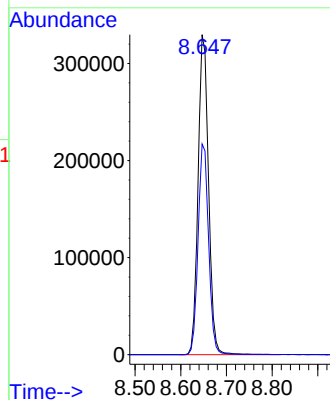
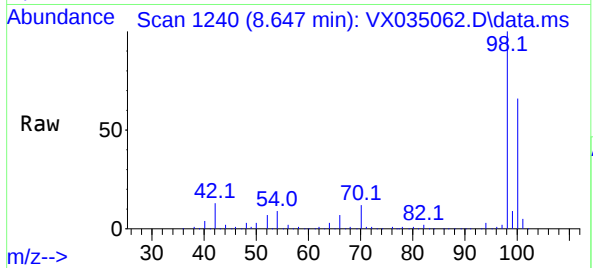




#50
Toluene-d8
Concen: 48.612 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035062.D
Acq: 13 Apr 2023 14:27

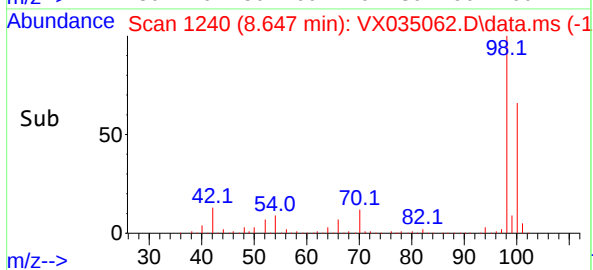
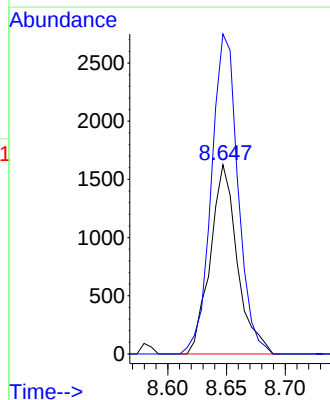
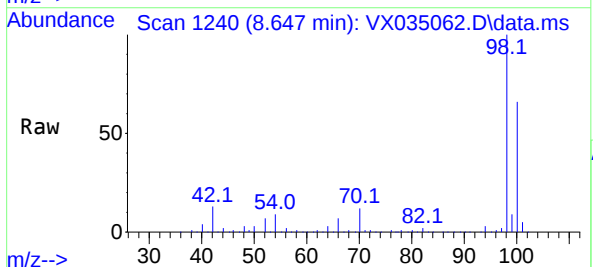
Instrument :
MSVOA_X
ClientSampleId :
230412032-07-TRIP-BLANK

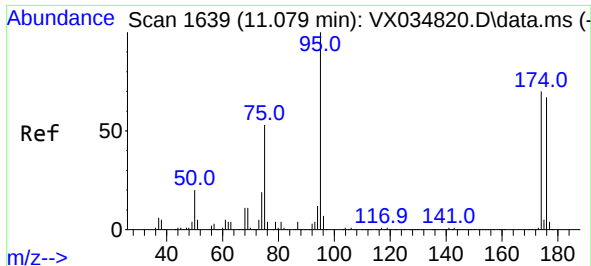
Tgt Ion: 98 Resp: 523215
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.581 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035062.D
Acq: 13 Apr 2023 14:27

Tgt Ion: 43 Resp: 2598
Ion Ratio Lower Upper
43 100
58 166.9 30.6 46.0#

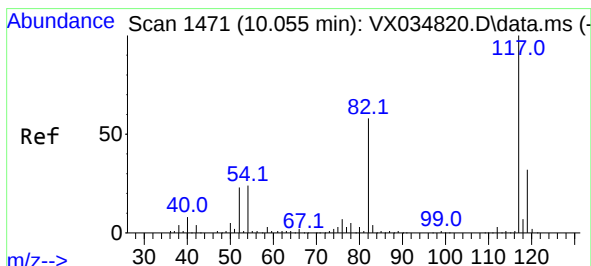
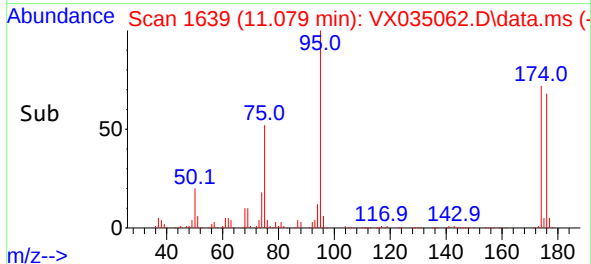
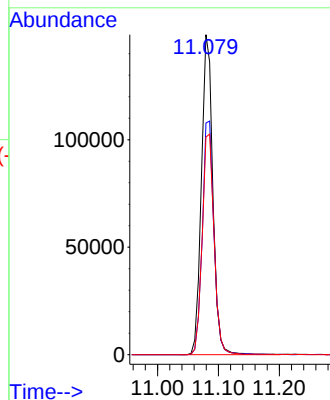
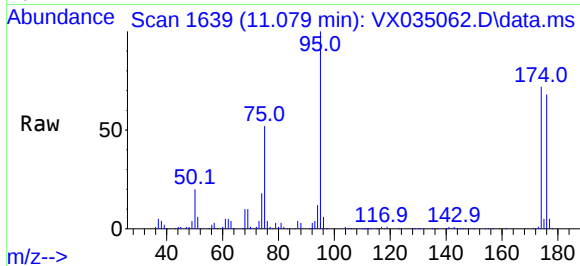




#62
4-Bromofluorobenzene
Concen: 46.634 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035062.D
Acq: 13 Apr 2023 14:27

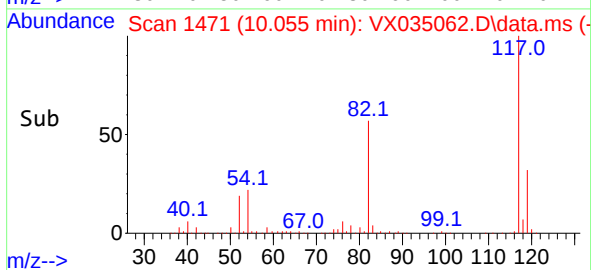
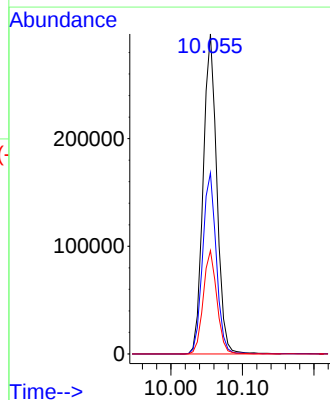
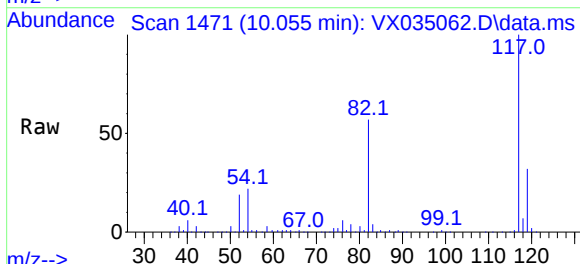
Instrument :
MSVOA_X
ClientSampleId :
230412032-07-TRIP-BLANK

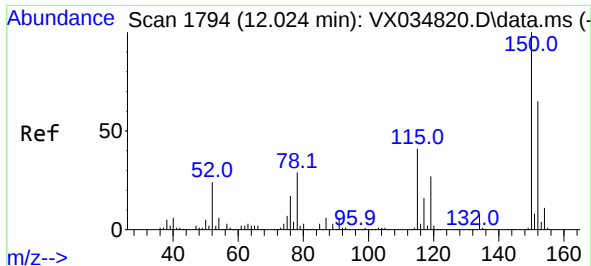
Tgt Ion: 95 Resp: 194230
Ion Ratio Lower Upper
95 100
174 74.0 0.0 147.4
176 71.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035062.D
Acq: 13 Apr 2023 14:27

Tgt Ion: 117 Resp: 393834
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 32.3 26.0 39.0

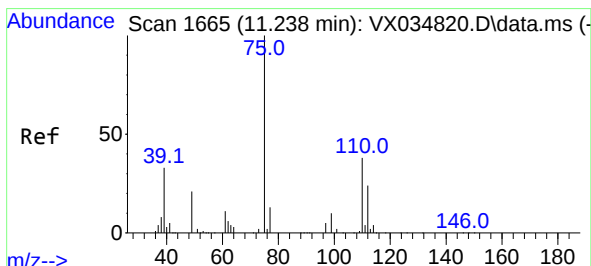
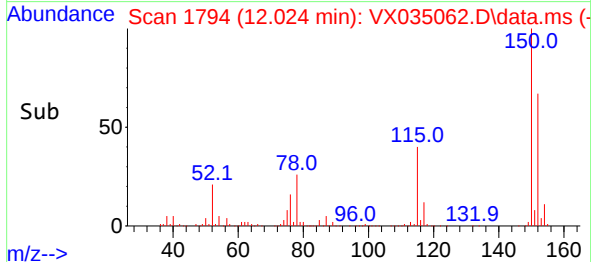
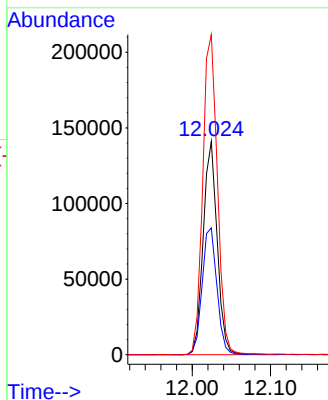
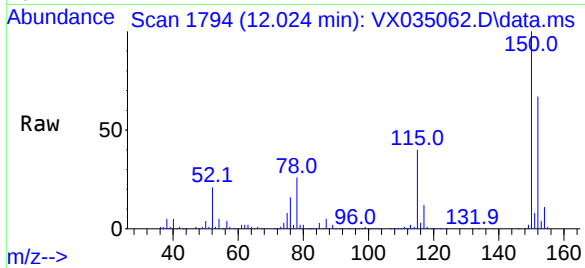




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035062.D
Acq: 13 Apr 2023 14:27

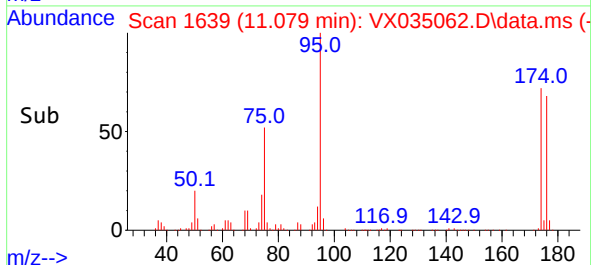
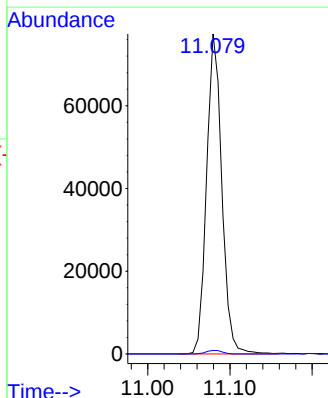
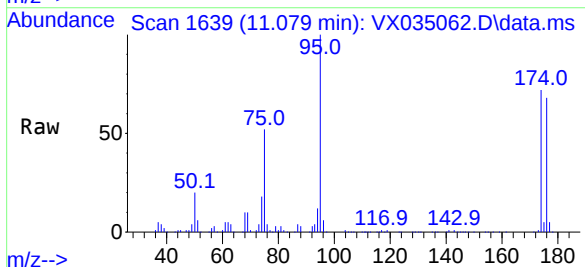
Instrument :
MSVOA_X
ClientSampleId :
230412032-07-TRIP-BLANK

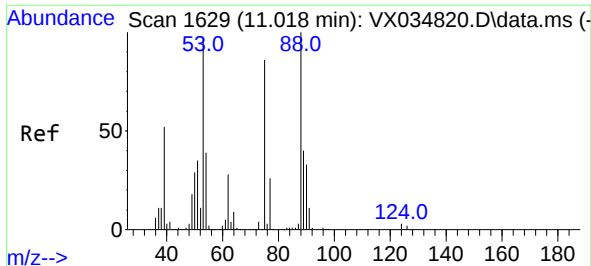
Tgt Ion:152 Resp: 174956
Ion Ratio Lower Upper
152 100
115 62.6 45.0 135.0
150 156.9 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 28.278 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035062.D
Acq: 13 Apr 2023 14:27

Tgt Ion: 75 Resp: 99687
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#

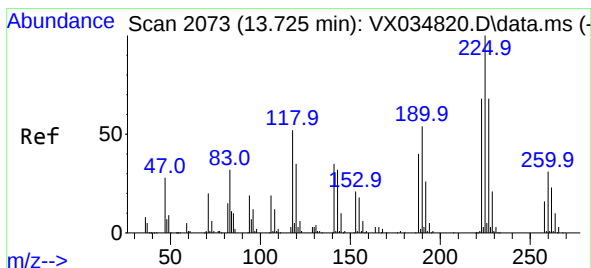
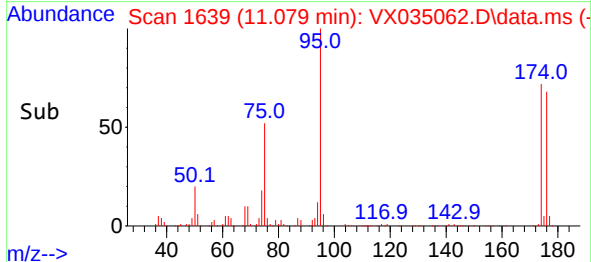
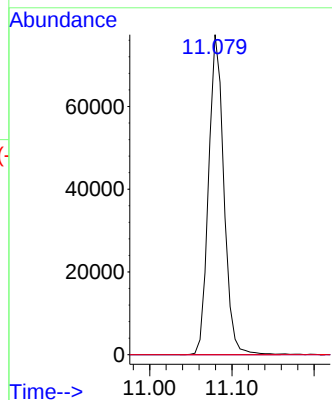
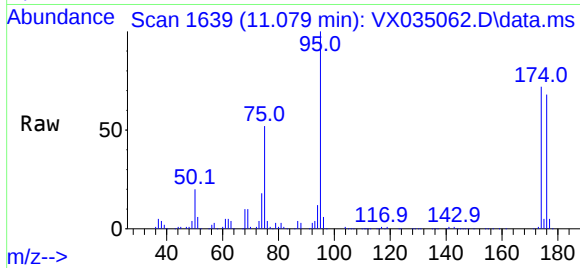




#81
trans-1,4-Dichloro-2-butene
Concen: 84.747 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX035062.D
Acq: 13 Apr 2023 14:27

Instrument :
MSVOA_X
ClientSampleId :
230412032-07-TRIP-BLANK

Tgt Ion: 75 Resp: 99687
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.358 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035062.D
Acq: 13 Apr 2023 14:27

Tgt Ion: 225 Resp: 516
Ion Ratio Lower Upper
225 100
223 57.4 32.1 96.5
227 60.3 31.8 95.4

