

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037420.D
 Acq On : 31 Aug 2023 10:40
 Operator : JC/MD
 Sample : 04128-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 31 18:23:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

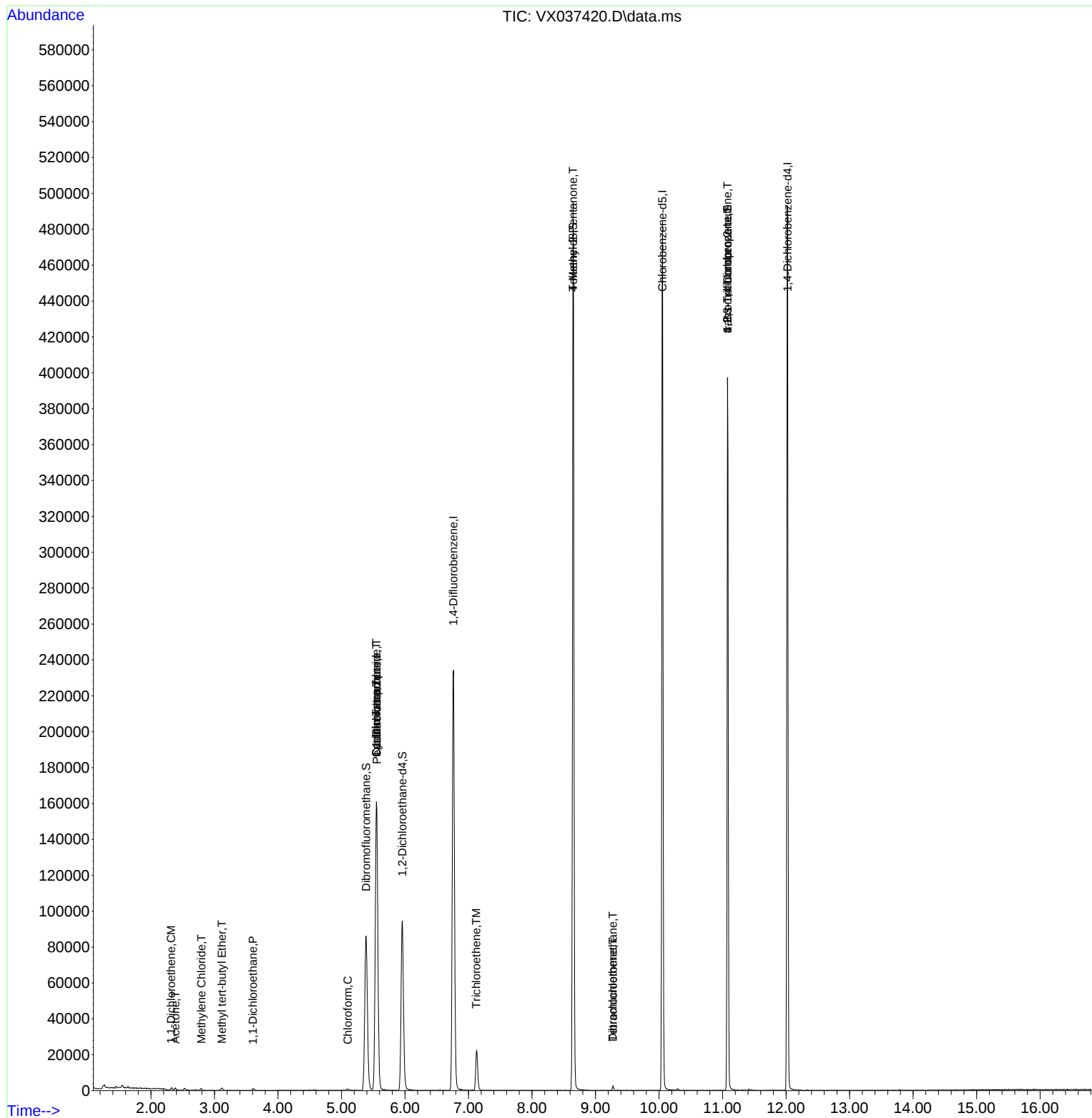
Internal Standards						
1) Pentafluorobenzene	5.556	168	151330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	250802	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94360	43.251	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.500%
35) Dibromofluoromethane	5.385	113	78216	47.090	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.180%
50) Toluene-d8	8.647	98	297980	49.457	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.920%
62) 4-Bromofluorobenzene	11.079	95	112136	47.359	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.720%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	371	0.238	ug/l	89
16) Acetone	2.386	43	1225	1.435	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	1446	0.245	ug/l #	91
20) Methylene Chloride	2.794	84	571	0.299	ug/l #	71
24) 1,1-Dichloroethane	3.605	63	1250	0.403	ug/l #	83
30) Chloroform	5.099	83	1079	0.310	ug/l #	75
31) Cyclohexane	5.550	56	2967	1.209	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11532	4.887	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16481	6.429	ug/l #	15
44) Trichloroethene	7.123	130	9403	4.900	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	1087	0.468	ug/l #	1
60) Dibromochloromethane	9.275	129	458	0.236	ug/l #	11
64) Tetrachloroethene	9.275	164	398	0.236	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	55487	23.631	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55487	66.003	ug/l #	5

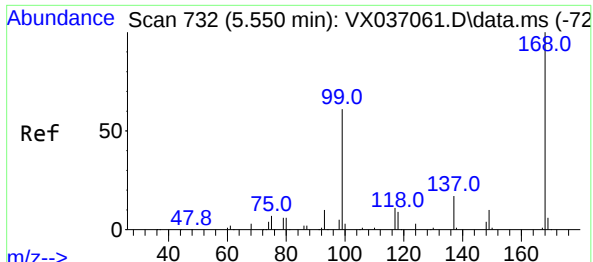
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
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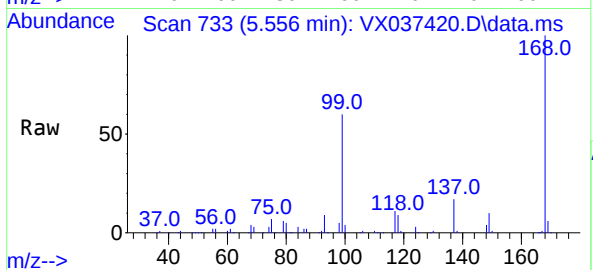
Quant Time: Aug 31 18:23:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



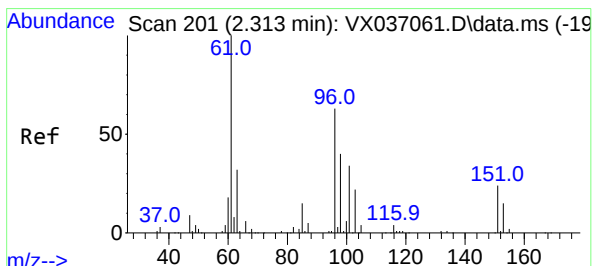
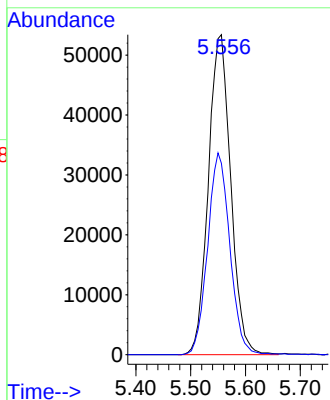
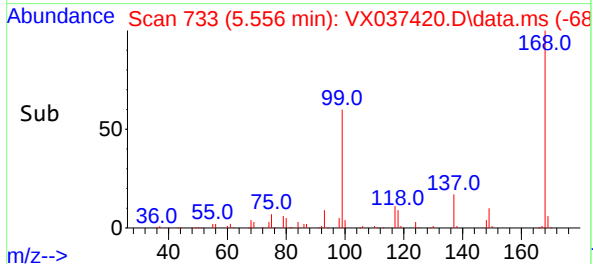


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40

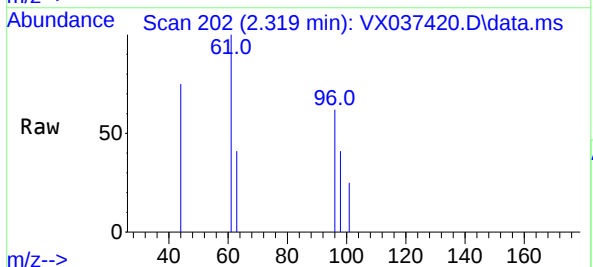
Instrument :
MSVOA_X
ClientSampleId :



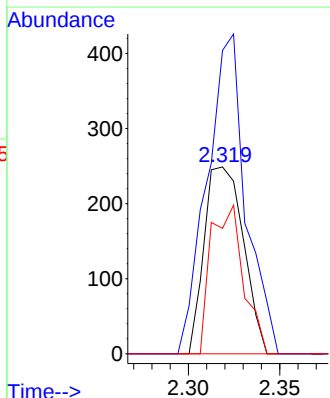
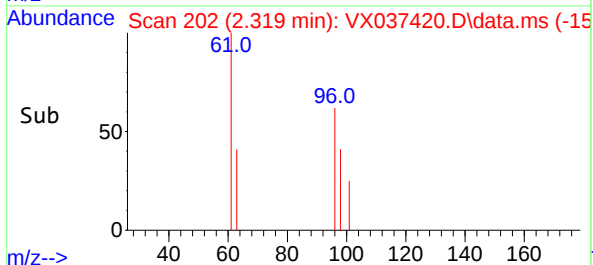
Tgt Ion:168 Resp: 151330
Ion Ratio Lower Upper
168 100
99 59.8 56.6 85.0

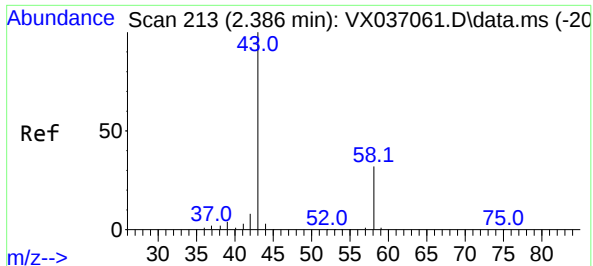


#12
1,1-Dichloroethene
Concen: 0.238 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40



Tgt Ion: 96 Resp: 371
Ion Ratio Lower Upper
96 100
61 162.2 144.6 216.8
98 67.1 50.4 75.6

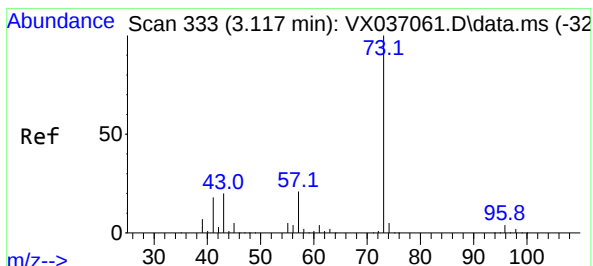
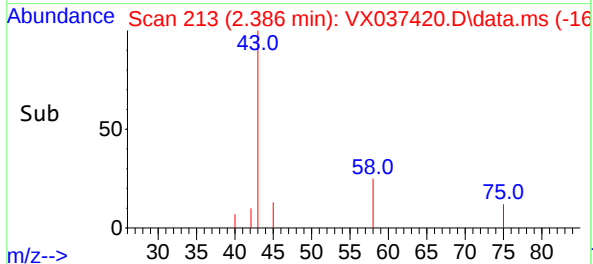
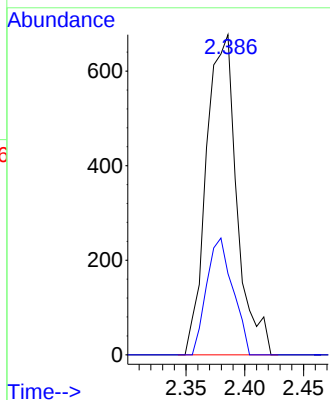
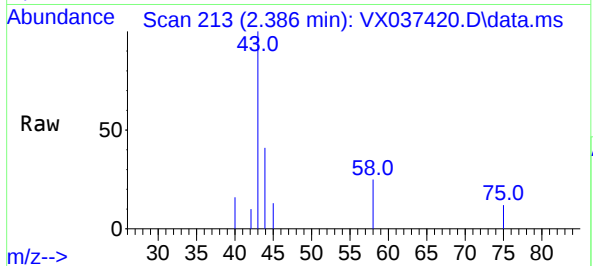




#16
Acetone
Concen: 1.435 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40

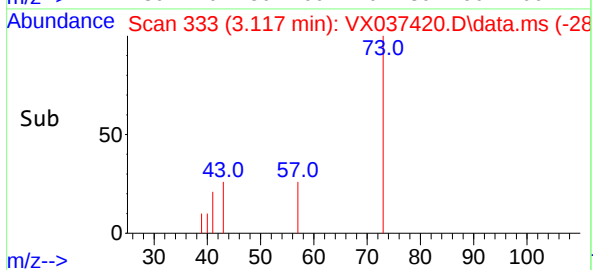
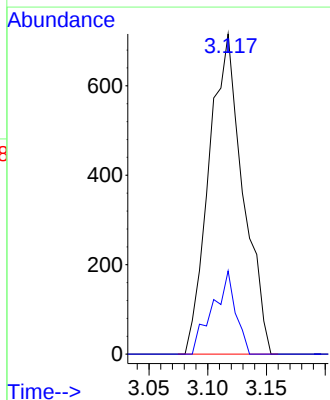
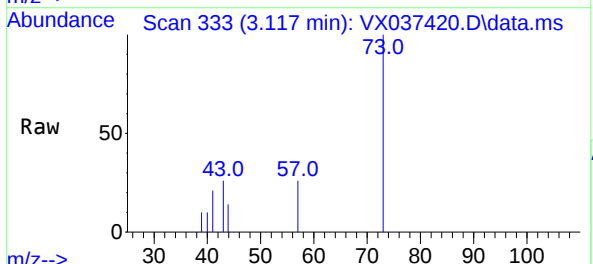
Instrument :
MSVOA_X
ClientSampleId :

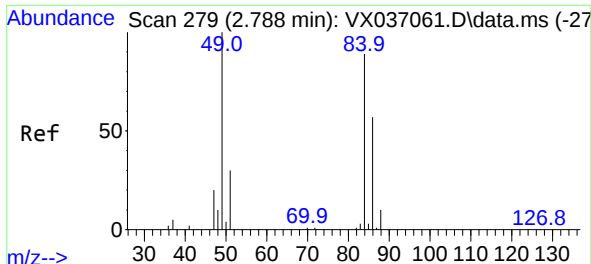
Tgt Ion: 43 Resp: 1225
Ion Ratio Lower Upper
43 100
58 25.4 21.9 32.9



#19
Methyl tert-butyl Ether
Concen: 0.245 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40

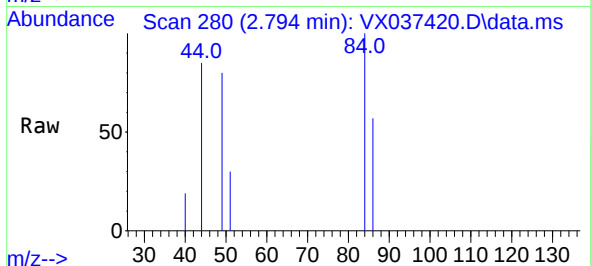
Tgt Ion: 73 Resp: 1446
Ion Ratio Lower Upper
73 100
57 26.0 17.3 25.9#





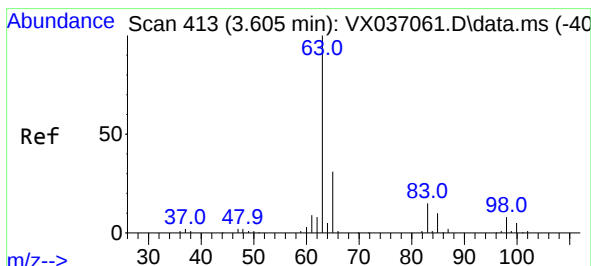
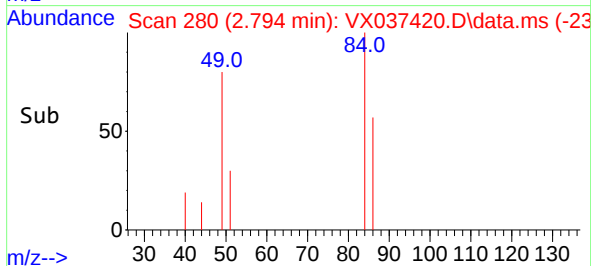
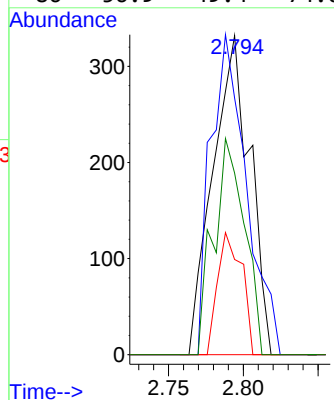
#20
Methylene Chloride
Concen: 0.299 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 571

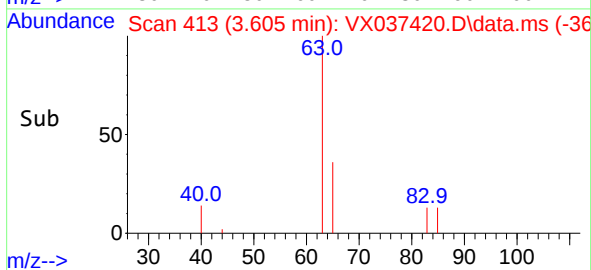
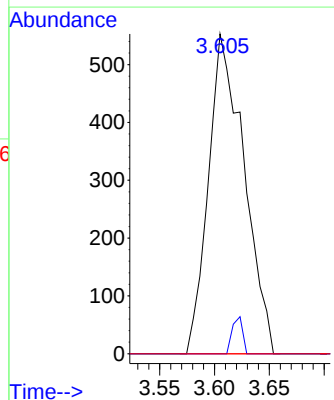
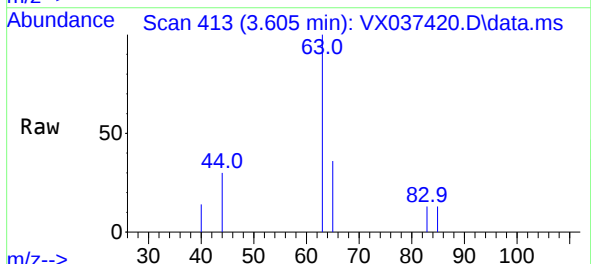
Ion	Ratio	Lower	Upper
84	100		
49	80.4	103.6	155.4#
51	29.8	33.8	50.6#
86	56.9	49.4	74.0

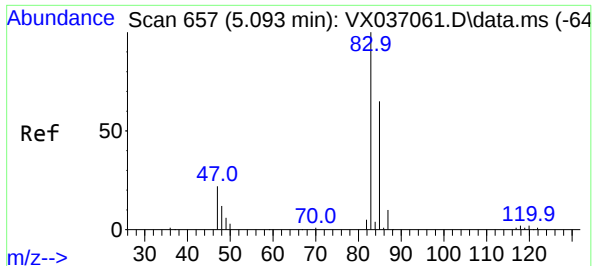


#24
1,1-Dichloroethane
Concen: 0.403 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40

Tgt Ion: 63 Resp: 1250

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.8#
100	0.0	2.1	6.5#





#30

Chloroform

Concen: 0.310 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX037420.D

Acq: 31 Aug 2023 10:40

Instrument :

MSVOA_X

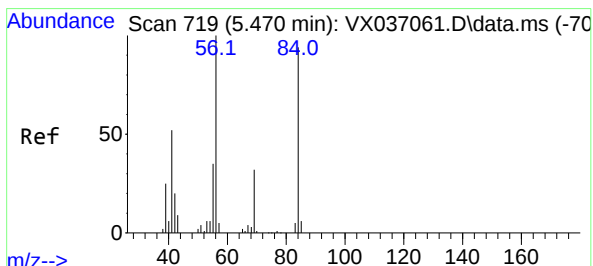
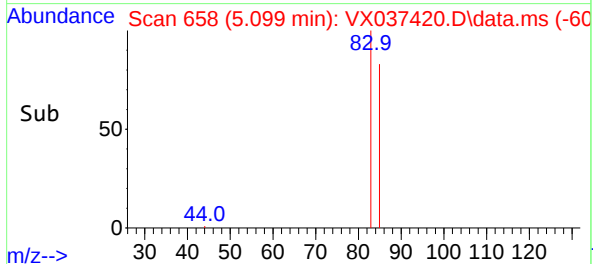
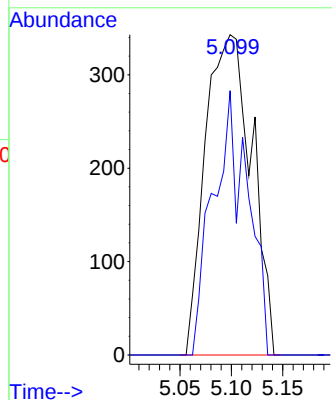
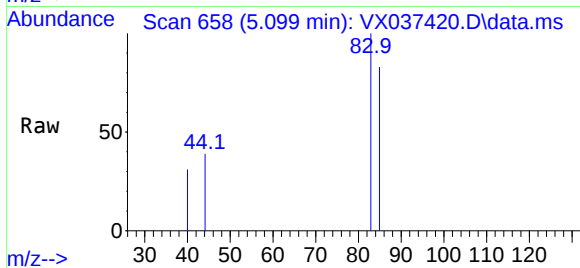
ClientSampleId :

Tgt Ion: 83 Resp: 1079

Ion Ratio Lower Upper

83 100

85 82.5 50.3 75.5#



#31

Cyclohexane

Concen: 1.209 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037420.D

Acq: 31 Aug 2023 10:40

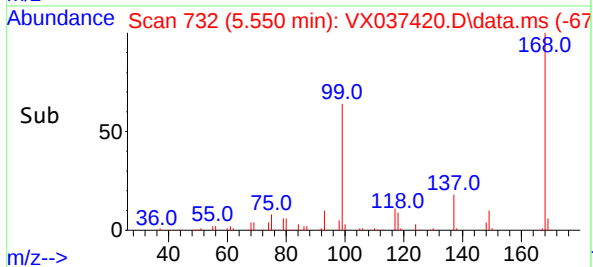
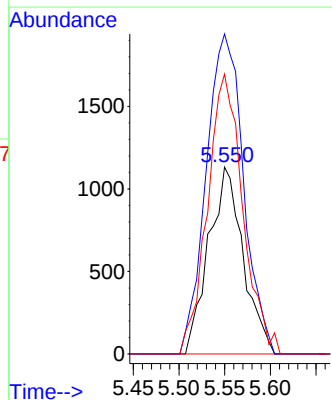
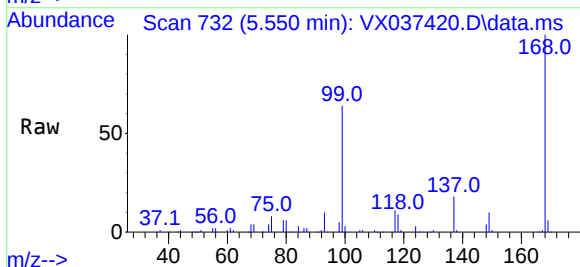
Tgt Ion: 56 Resp: 2967

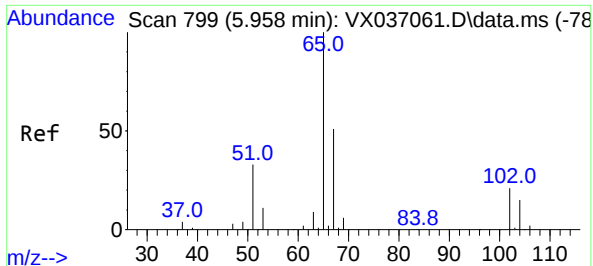
Ion Ratio Lower Upper

56 100

69 171.3 23.4 35.2#

84 149.8 65.9 98.9#

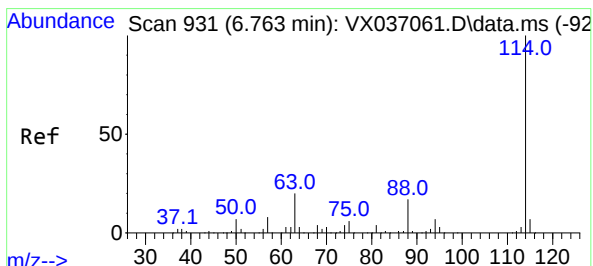
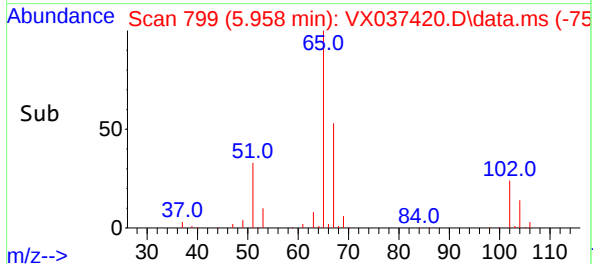
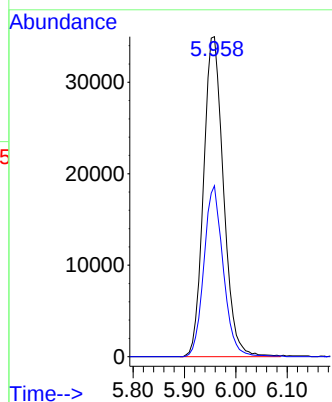
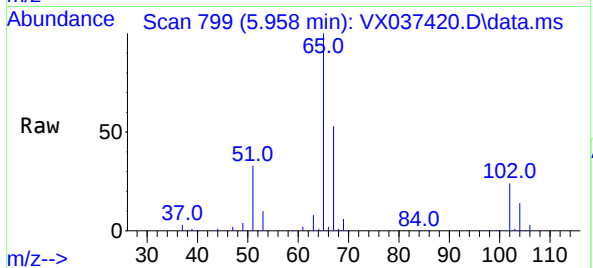




#33
1,2-Dichloroethane-d4
Concen: 43.251 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40

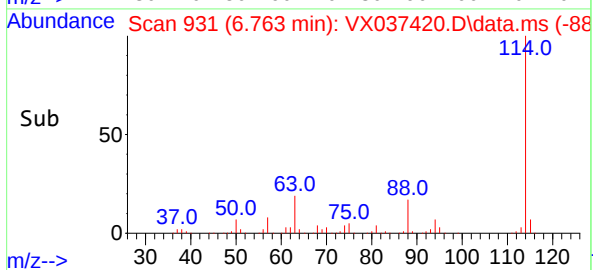
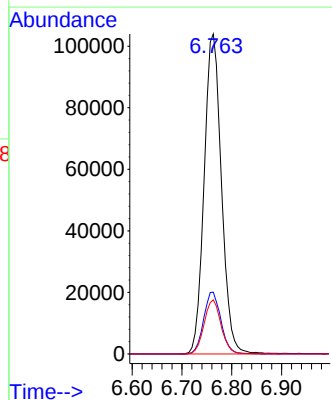
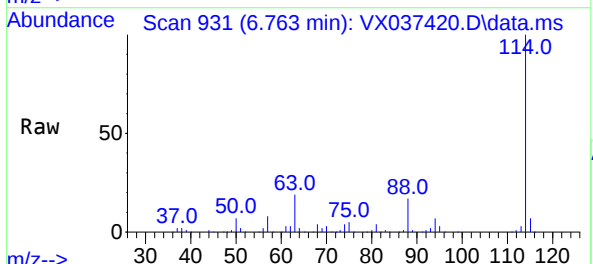
Instrument :
MSVOA_X
ClientSampleId :

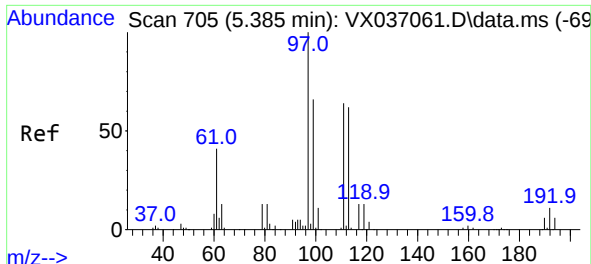
Tgt Ion: 65 Resp: 94360
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40

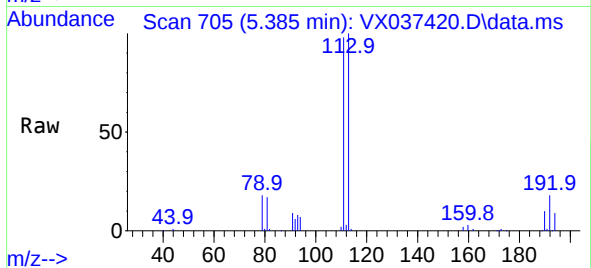
Tgt Ion: 114 Resp: 250802
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 16.9 0.0 36.6



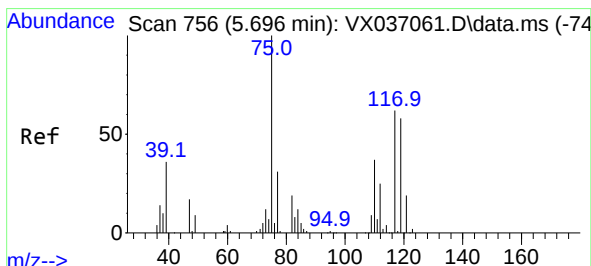
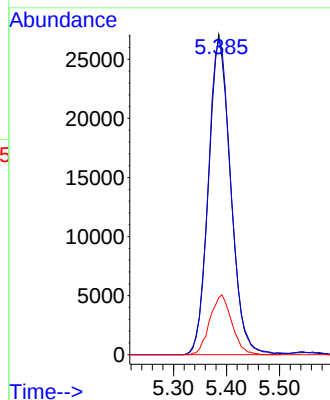
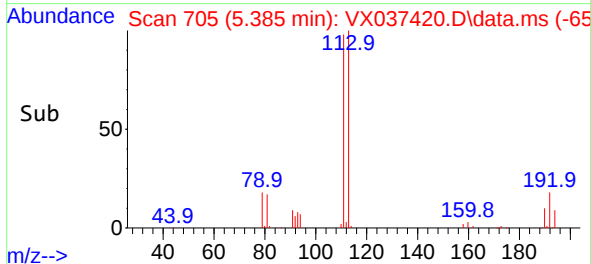


#35
Dibromofluoromethane
Concen: 47.090 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40

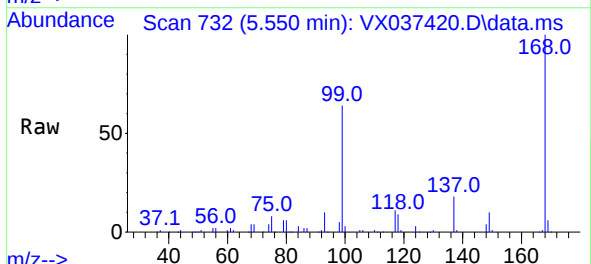
Instrument :
MSVOA_X
ClientSampleId :



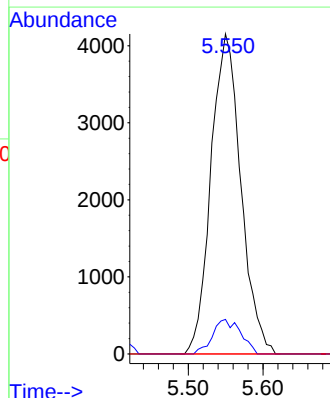
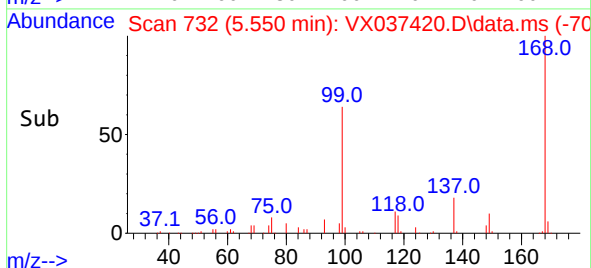
Tgt Ion:113 Resp: 78216
Ion Ratio Lower Upper
113 100
111 101.1 82.9 124.3
192 18.6 13.3 19.9

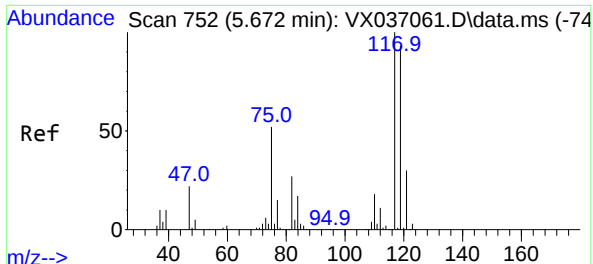


#36
1,1-Dichloropropene
Concen: 4.887 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40



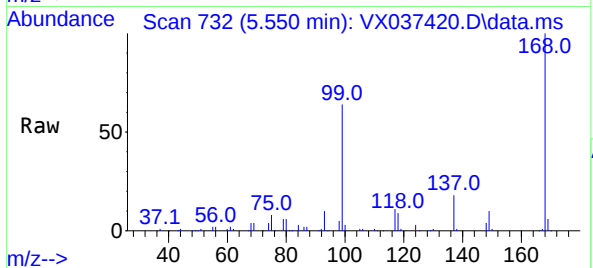
Tgt Ion: 75 Resp: 11532
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



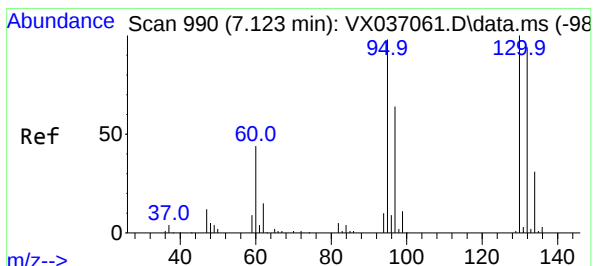
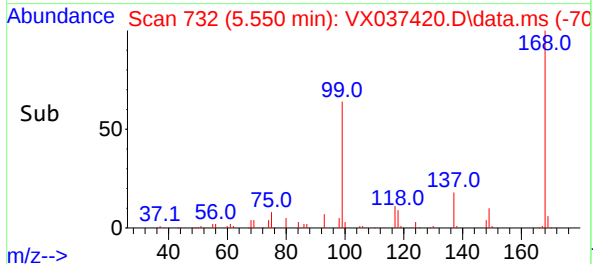
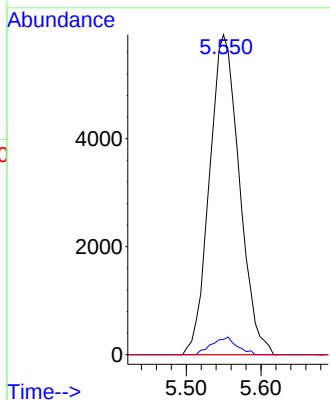


#38
Carbon Tetrachloride
Concen: 6.429 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40

Instrument :
MSVOA_X
ClientSampleId :

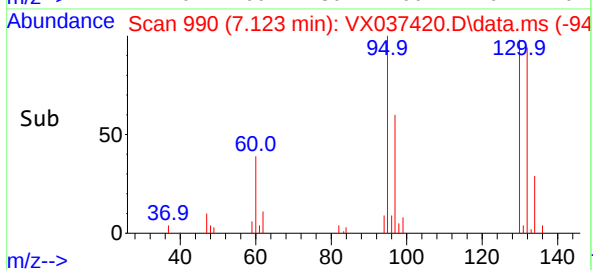
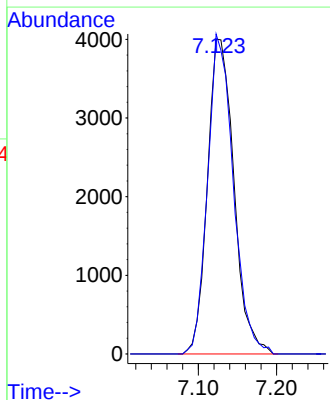
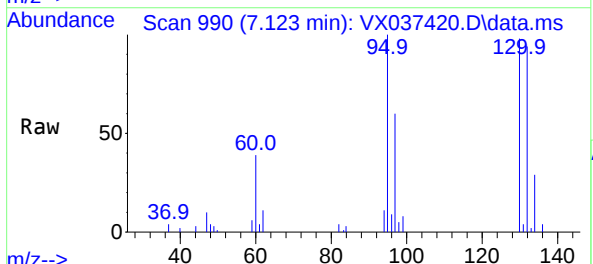


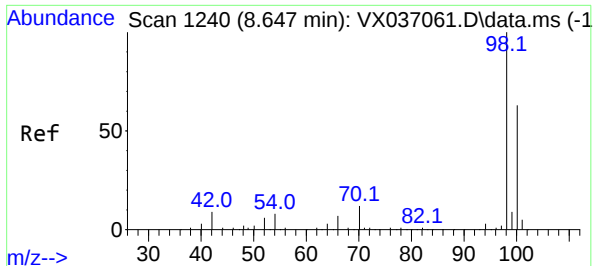
Tgt Ion:117 Resp: 16481
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 4.900 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40

Tgt Ion:130 Resp: 9403
Ion Ratio Lower Upper
130 100
95 101.6 0.0 204.4

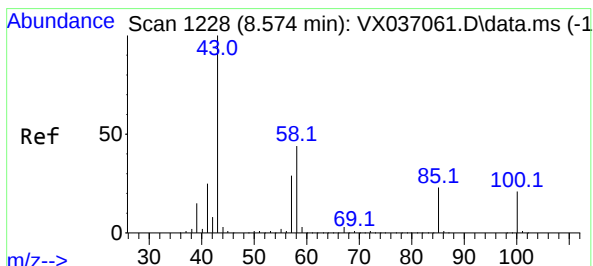
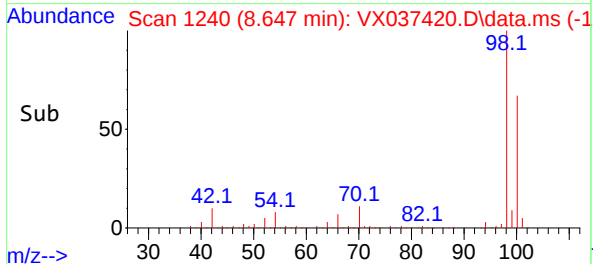
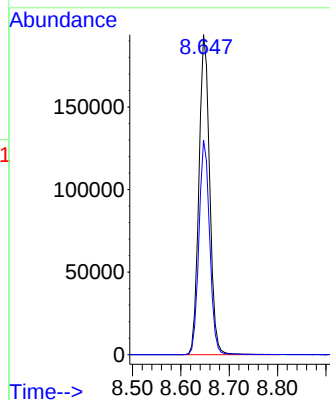
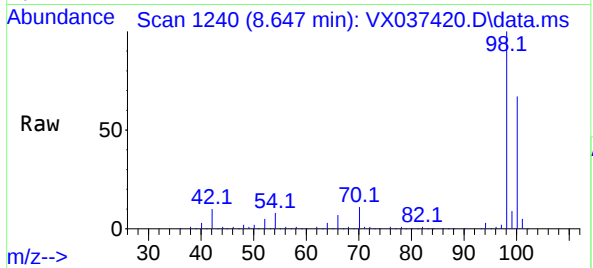




#50
Toluene-d8
Concen: 49.457 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40

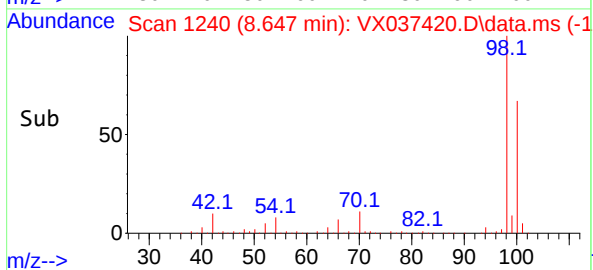
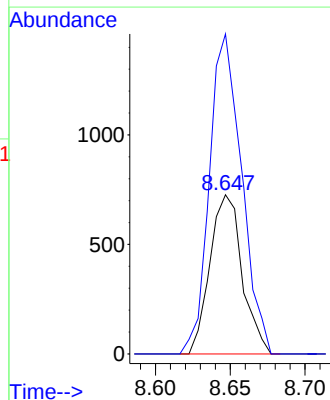
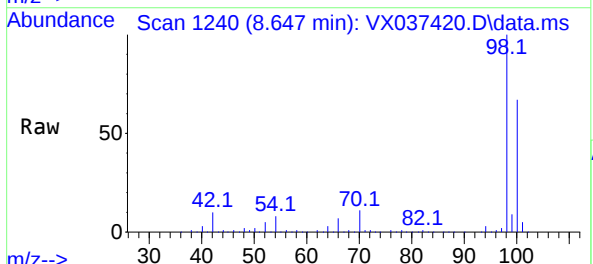
Instrument :
MSVOA_X
ClientSampleId :

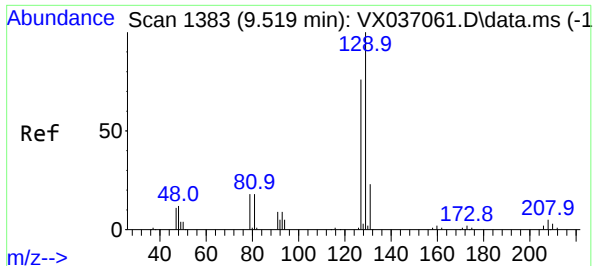
Tgt Ion: 98 Resp: 297980
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40

Tgt Ion: 43 Resp: 1087
Ion Ratio Lower Upper
43 100
58 201.6 30.4 45.6#





#60

Dibromochloromethane

Concen: 0.236 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX037420.D

Acq: 31 Aug 2023 10:40

Instrument :

MSVOA_X

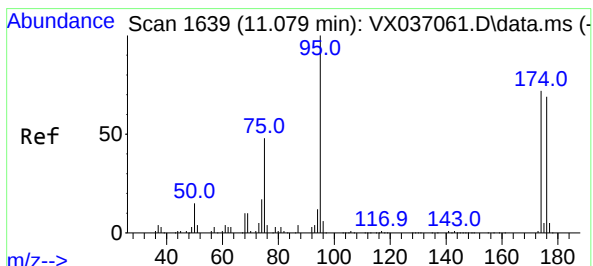
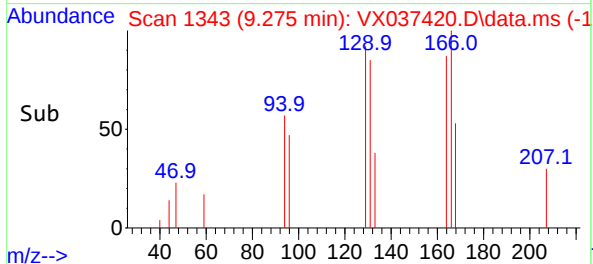
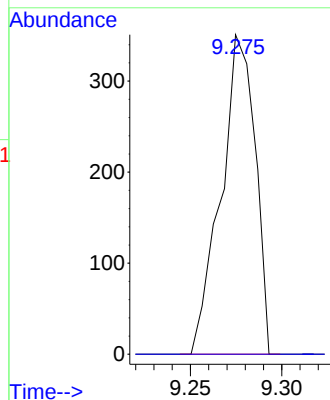
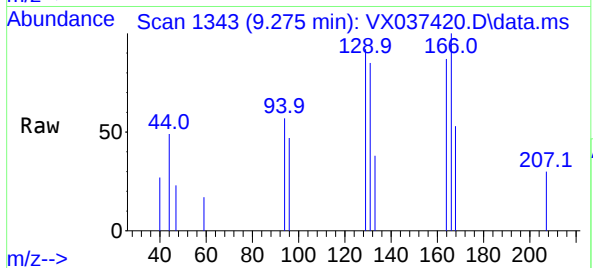
ClientSampleId :

Tgt Ion:129 Resp: 458

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#



#62

4-Bromofluorobenzene

Concen: 47.359 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037420.D

Acq: 31 Aug 2023 10:40

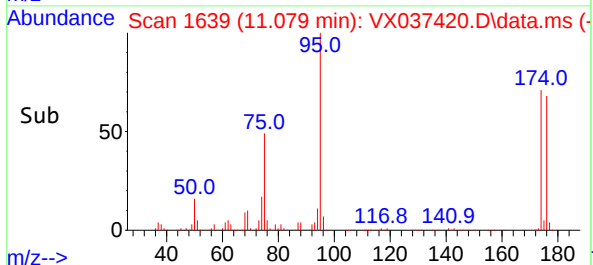
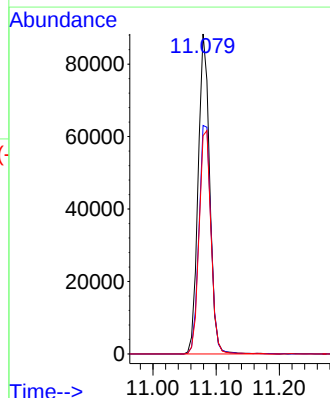
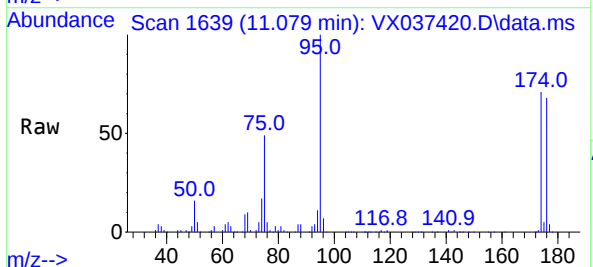
Tgt Ion: 95 Resp: 112136

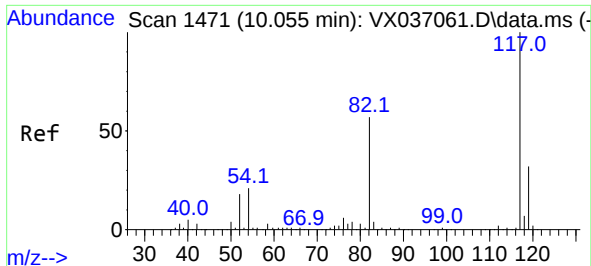
Ion Ratio Lower Upper

95 100

174 74.9 0.0 135.6

176 72.1 0.0 131.0

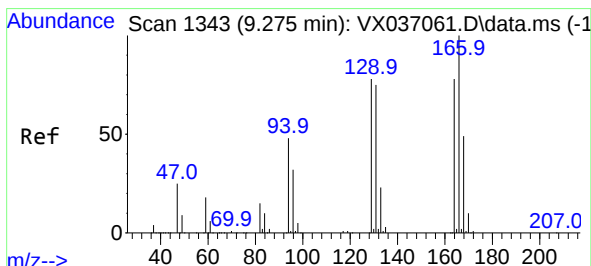
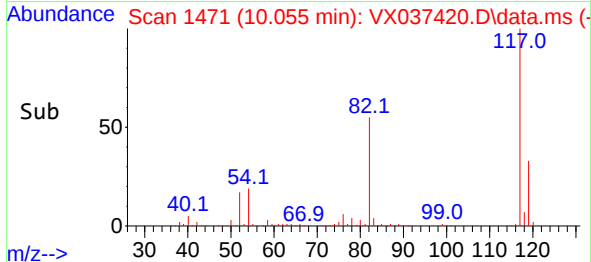
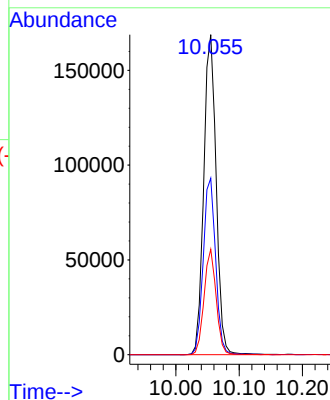
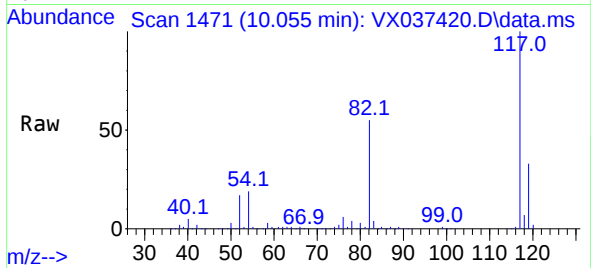




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40

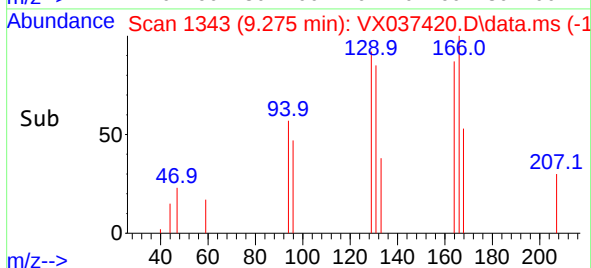
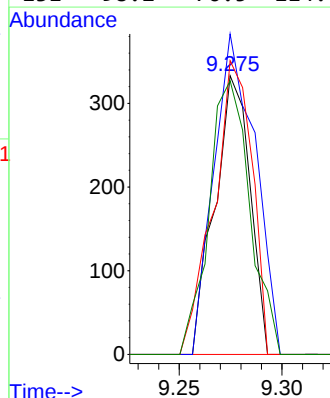
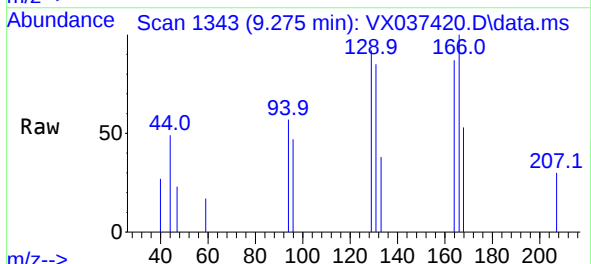
Instrument :
MSVOA_X
ClientSampleId :

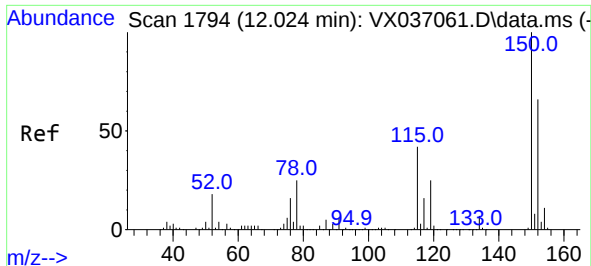
Tgt Ion:117 Resp: 231433
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 33.0 25.5 38.3



#64
Tetrachloroethene
Concen: 0.236 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40

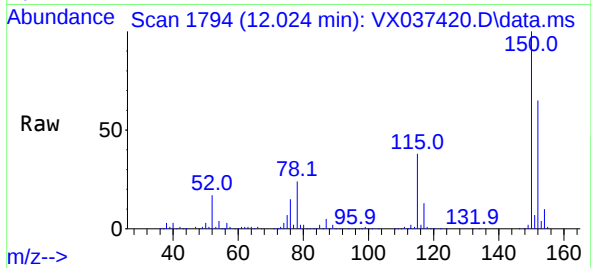
Tgt Ion:164 Resp: 398
Ion Ratio Lower Upper
164 100
166 115.0 102.7 154.1
129 105.4 80.4 120.6
131 98.2 76.5 114.7



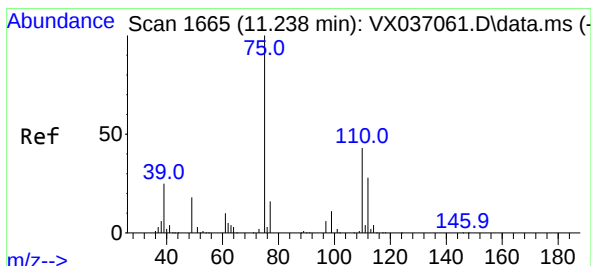
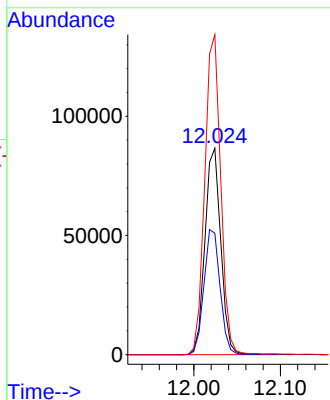
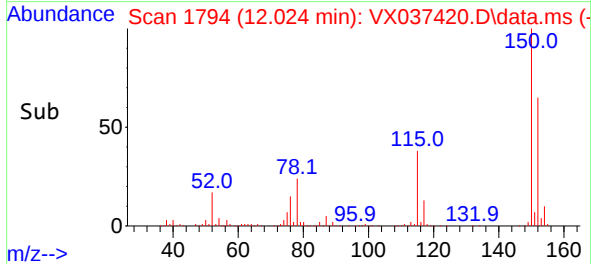


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40

Instrument :
MSVOA_X
ClientSampleId :

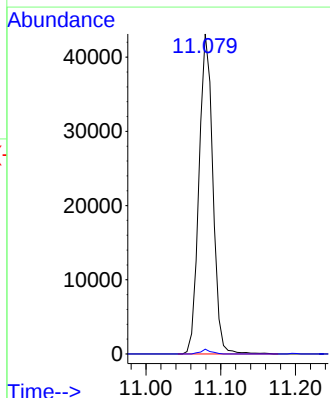
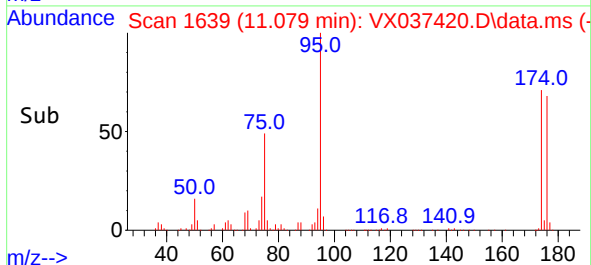
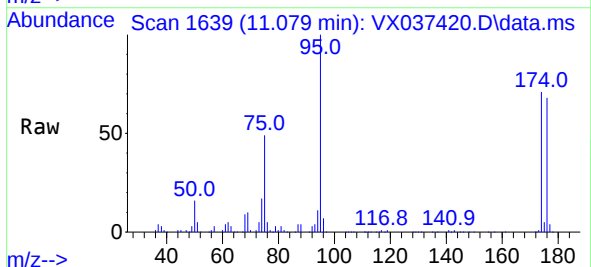


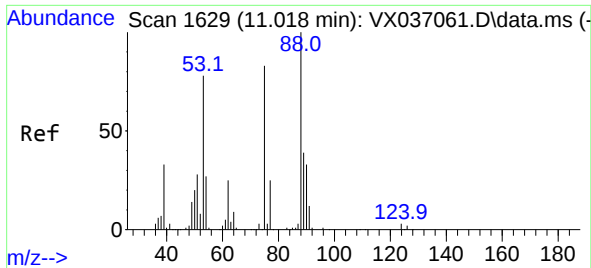
Tgt Ion:152 Resp: 110254
Ion Ratio Lower Upper
152 100
115 61.9 43.3 129.9
150 155.5 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.631 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40

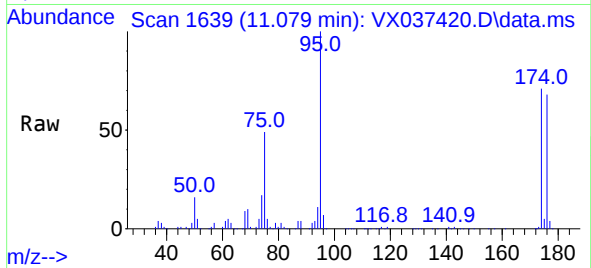
Tgt Ion: 75 Resp: 55487
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.003 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX037420.D
Acq: 31 Aug 2023 10:40

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 55487
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

