

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038661.D
 Acq On : 08 Nov 2023 17:13
 Operator : JC/MD
 Sample : 05223-10RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 09 01:21:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

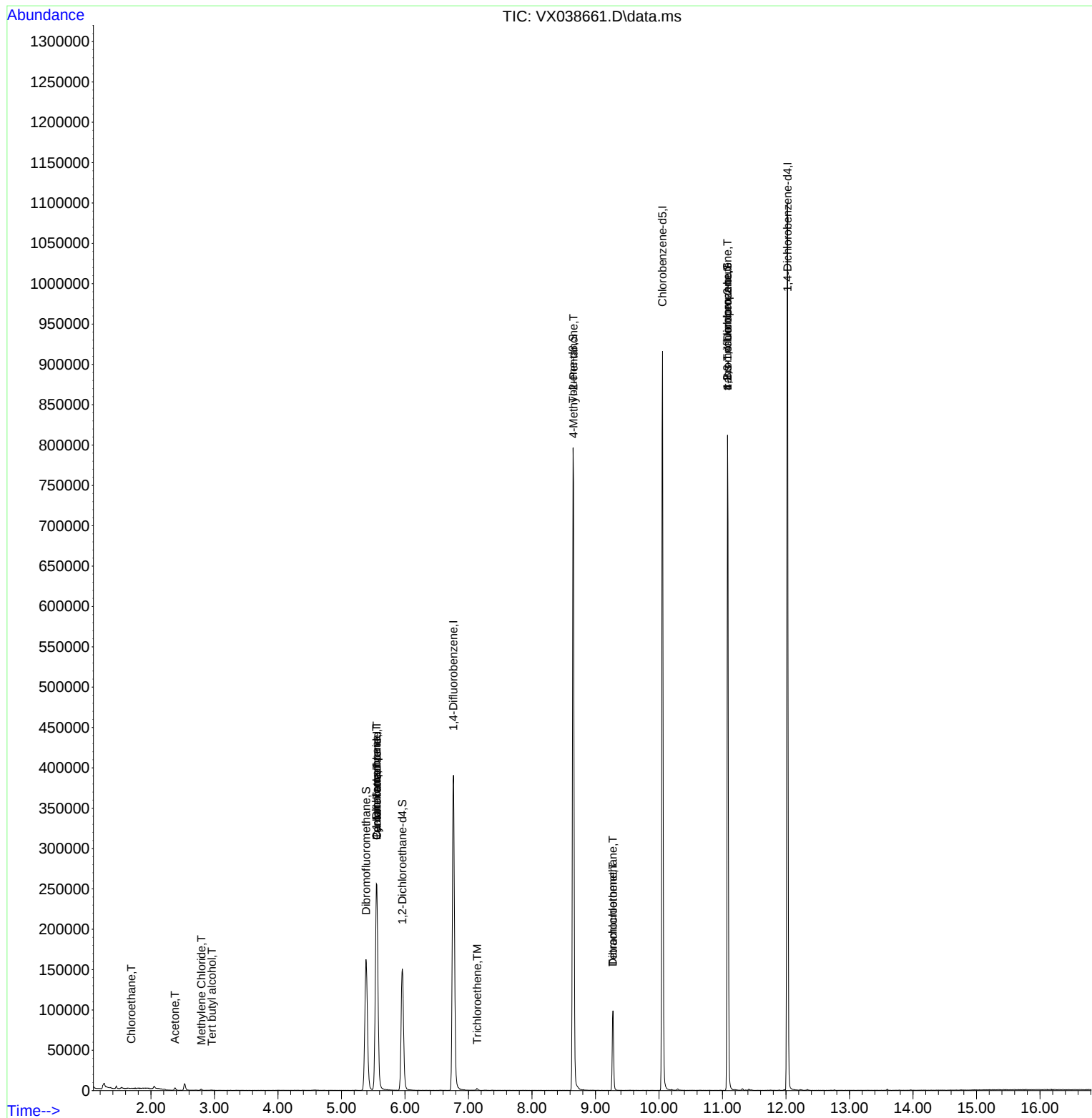
Internal Standards						
1) Pentafluorobenzene	5.556	168	264205	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	432553	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	447694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	253291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153872	46.780	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.560%
35) Dibromofluoromethane	5.385	113	142956	45.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.780%
50) Toluene-d8	8.647	98	514797	46.178	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.360%
62) 4-Bromofluorobenzene	11.079	95	217737	50.376	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.760%
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	355	0.222	ug/l	# 70
11) Tert butyl alcohol	2.959	59	413	0.614	ug/l	# 78
16) Acetone	2.380	43	3376	2.437	ug/l	91
20) Methylene Chloride	2.794	84	732	0.262	ug/l	# 79
31) Cyclohexane	5.556	56	4451	1.223	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	17376	4.490	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	25791	5.962	ug/l	# 16
44) Trichloroethene	7.135	130	960	0.277	ug/l	57
51) 4-Methyl-2-Pentanone	8.653	43	1787	0.452	ug/l	# 1
60) Dibromochloromethane	9.275	129	19040	5.475	ug/l	# 11
64) Tetrachloroethene	9.275	164	19513	5.823	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	105918	21.114	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	105918	64.142	ug/l	# 5

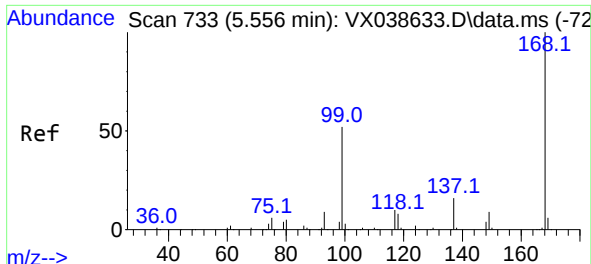
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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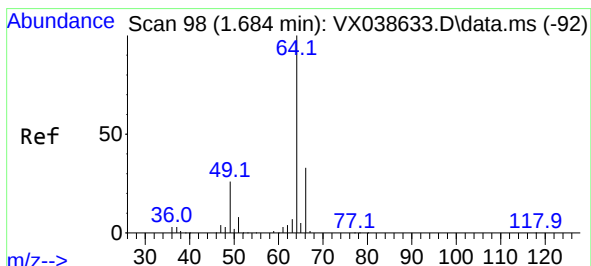
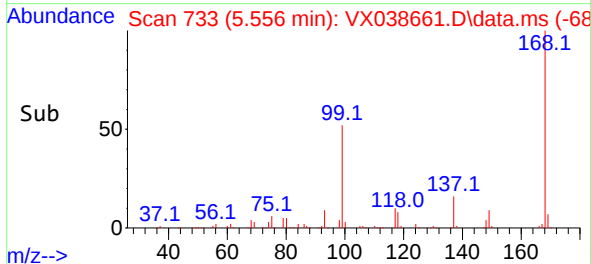
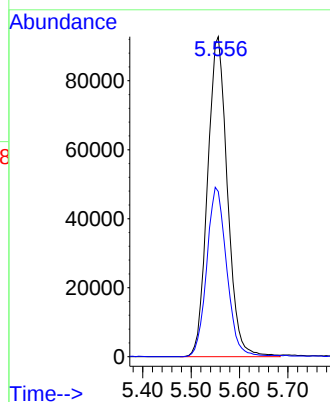
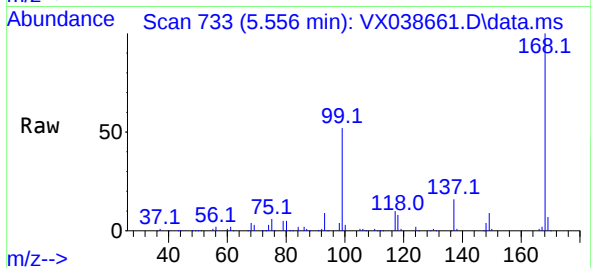




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

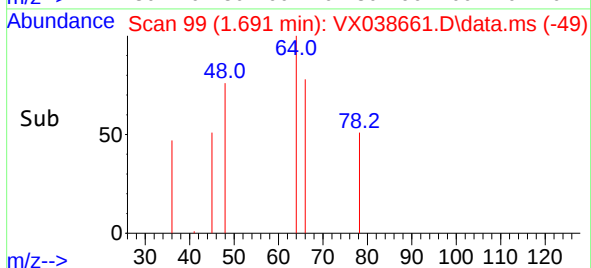
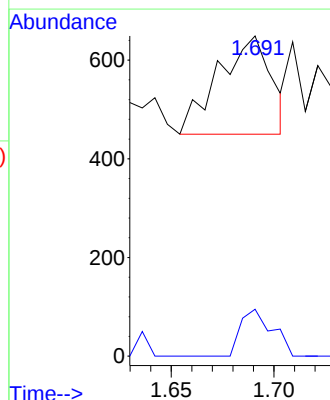
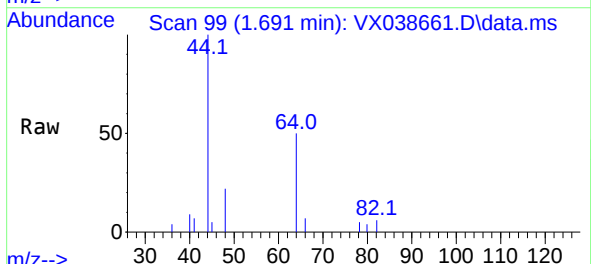
Instrument :
MSVOA_X
ClientSampleId :

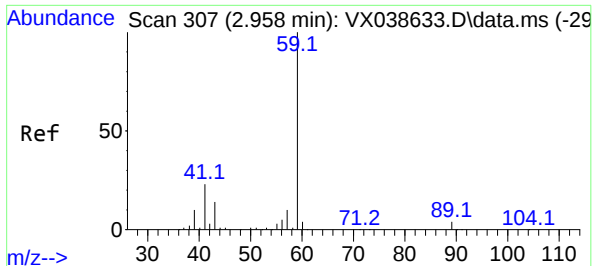
Tgt Ion:168 Resp: 264205
Ion Ratio Lower Upper
168 100
99 51.6 56.6 85.0#



#6
Chloroethane
Concen: 0.222 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.007 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

Tgt Ion: 64 Resp: 355
Ion Ratio Lower Upper
64 100
66 47.7 25.1 37.7#

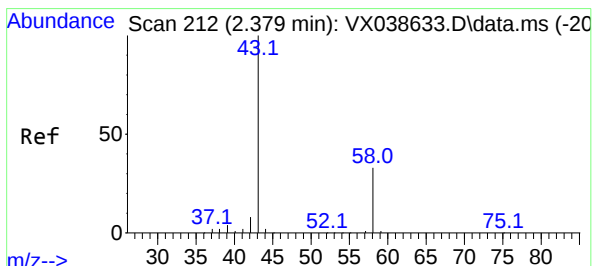
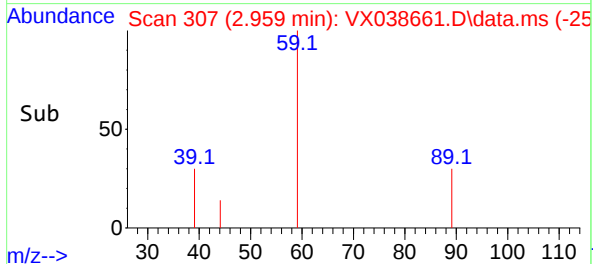
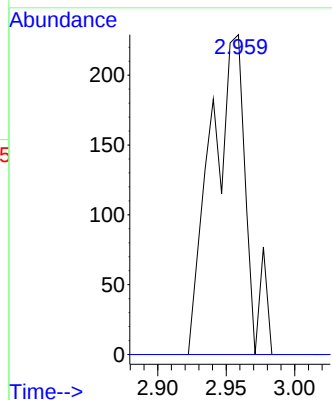
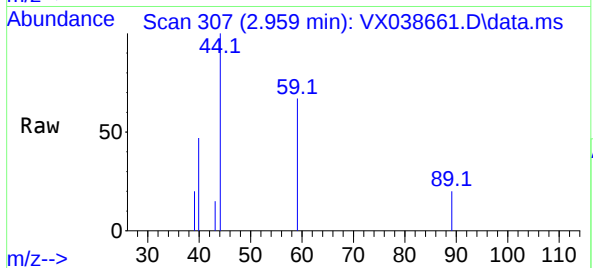




#11
Tert butyl alcohol
Concen: 0.614 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

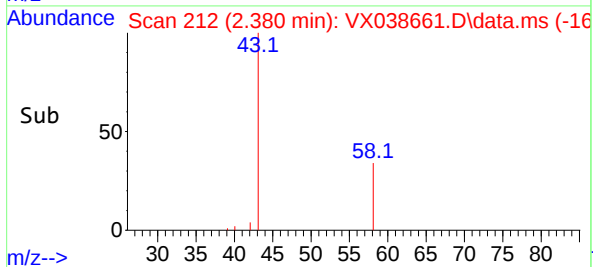
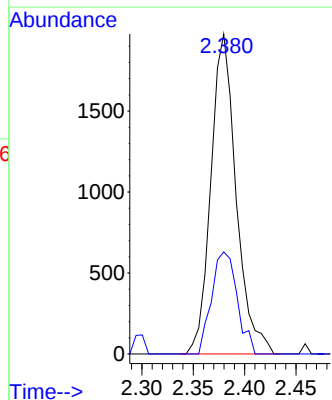
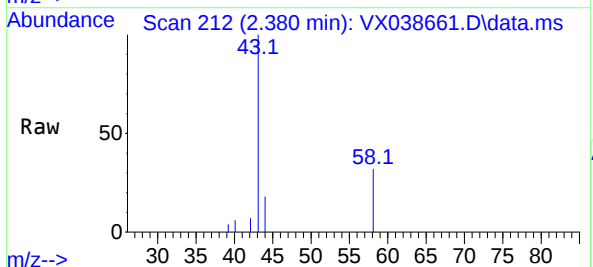
Instrument :
MSVOA_X
ClientSampleId :

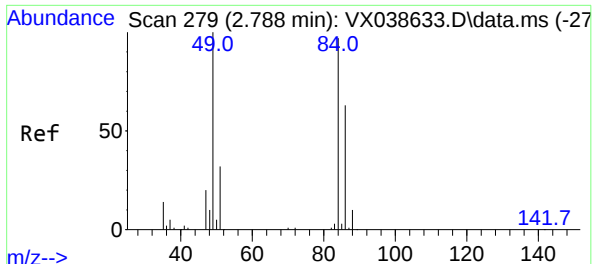
Tgt Ion: 59 Resp: 413
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 2.437 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

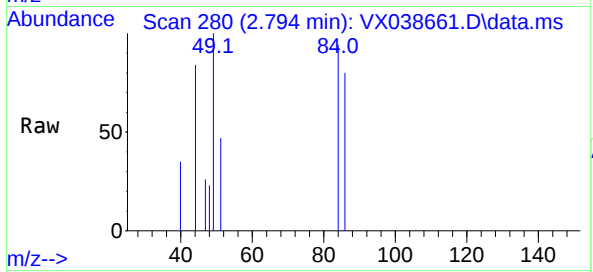
Tgt Ion: 43 Resp: 3376
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9





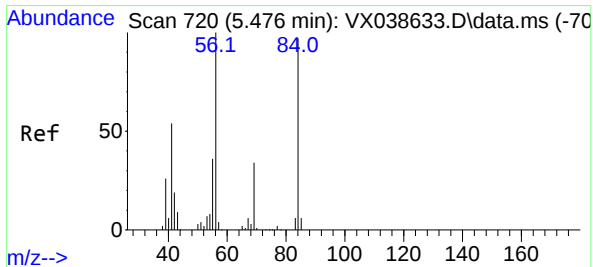
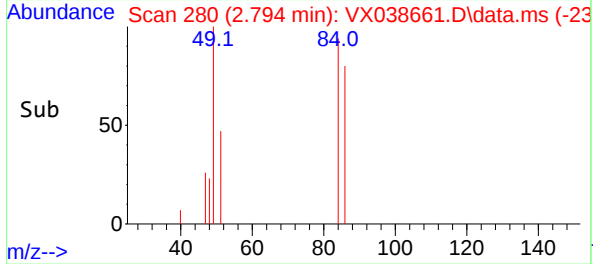
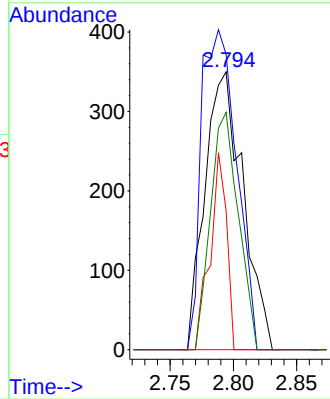
#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 732

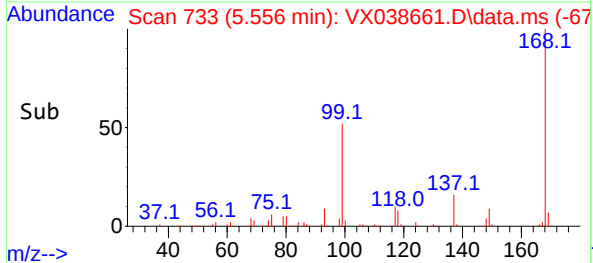
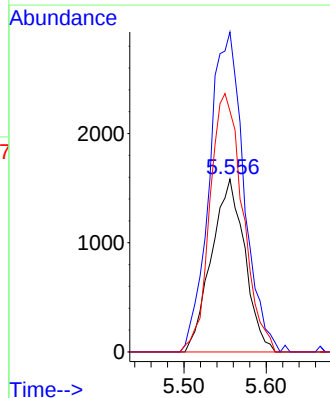
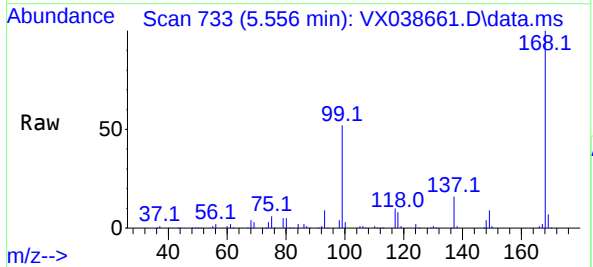
Ion	Ratio	Lower	Upper
84	100		
49	106.3	103.6	155.4
51	50.0	33.8	50.6
86	85.4	49.4	74.0#

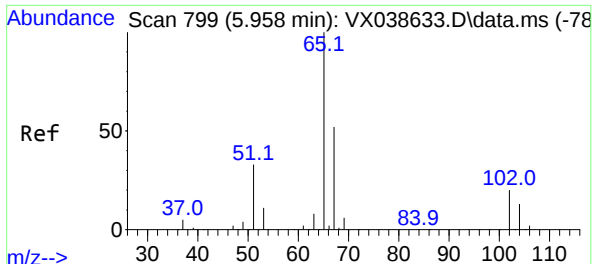


#31
Cyclohexane
Concen: 1.223 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

Tgt Ion: 56 Resp: 4451

Ion	Ratio	Lower	Upper
56	100		
69	185.2	23.4	35.2#
84	139.4	65.9	98.9#

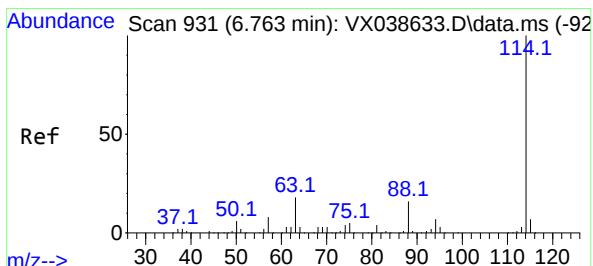
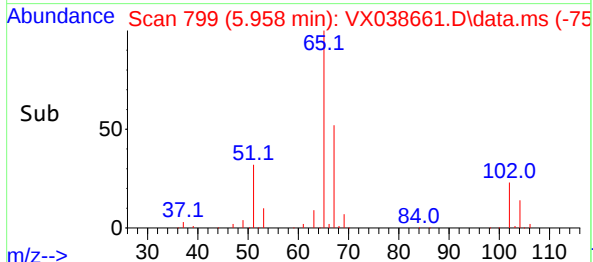
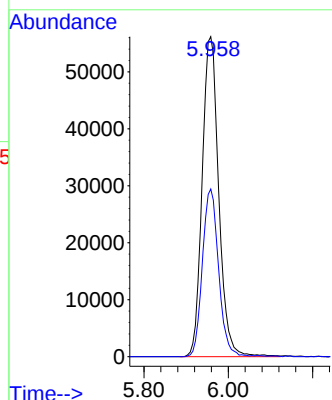
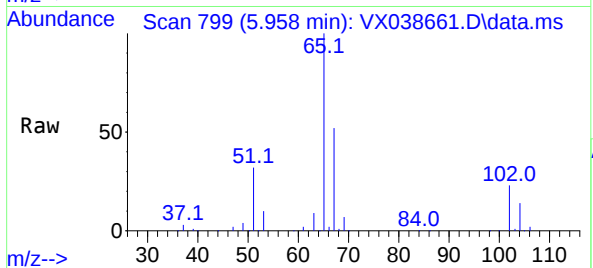




#33
1,2-Dichloroethane-d4
Concen: 46.780 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

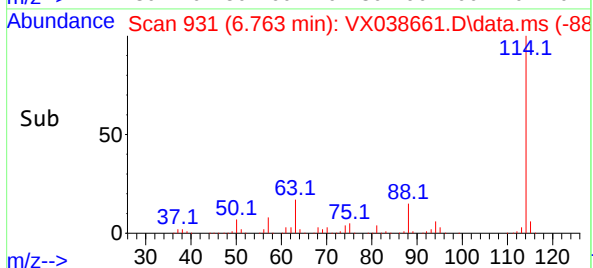
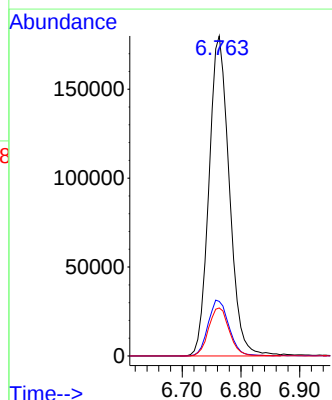
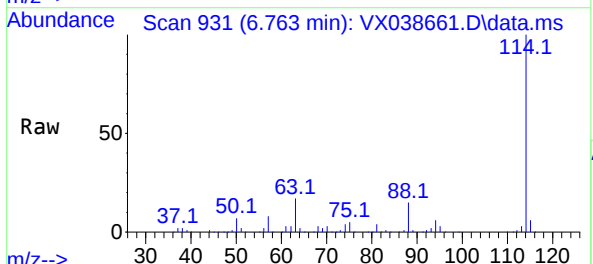
Instrument :
MSVOA_X
ClientSampleId :

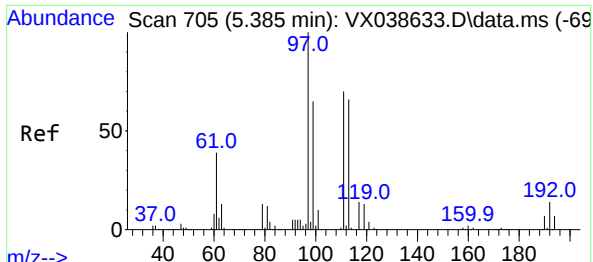
Tgt Ion: 65 Resp: 153872
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

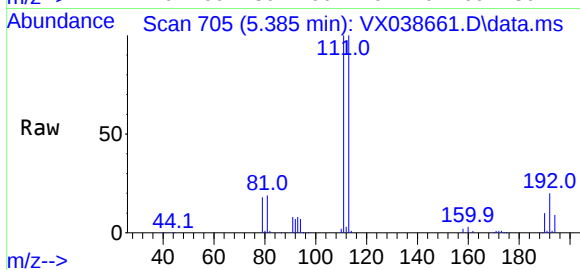
Tgt Ion:114 Resp: 432553
Ion Ratio Lower Upper
114 100
63 17.1 0.0 45.0
88 15.0 0.0 36.6



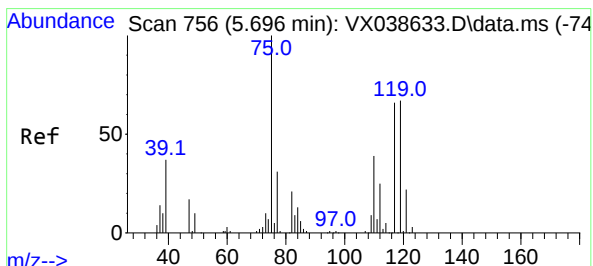
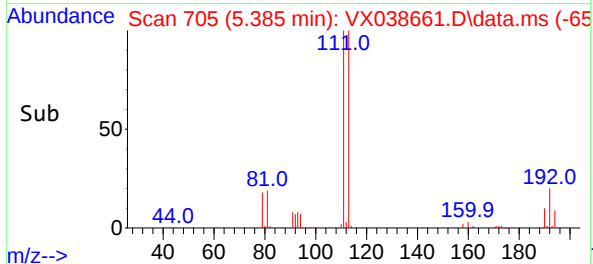
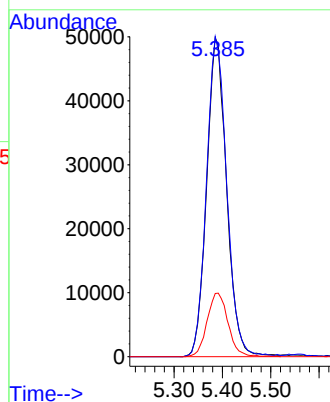


#35
Dibromofluoromethane
Concen: 45.887 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

Instrument :
MSVOA_X
ClientSampleId :

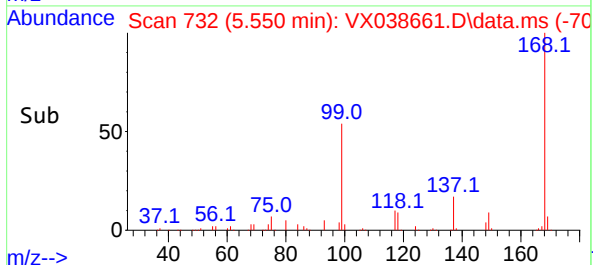
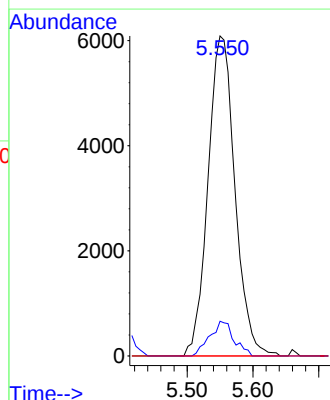
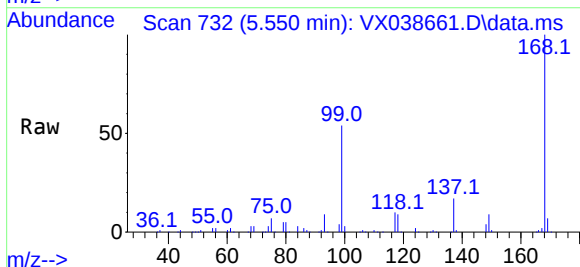


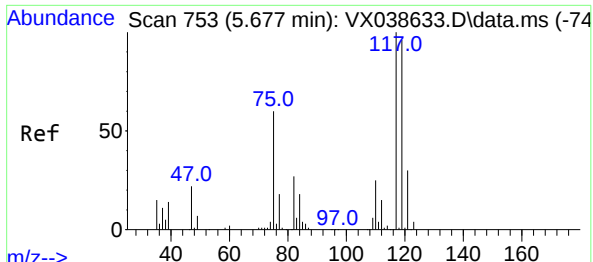
Tgt Ion:113 Resp: 142956
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 21.0 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.490 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

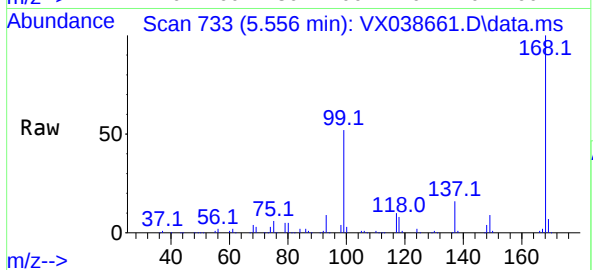
Tgt Ion: 75 Resp: 17376
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



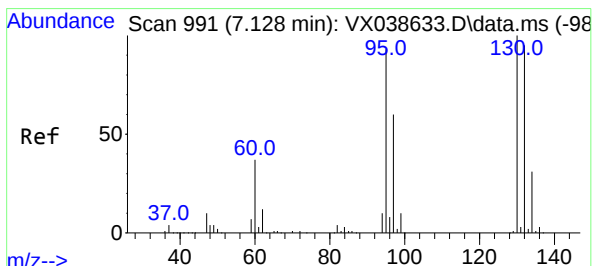
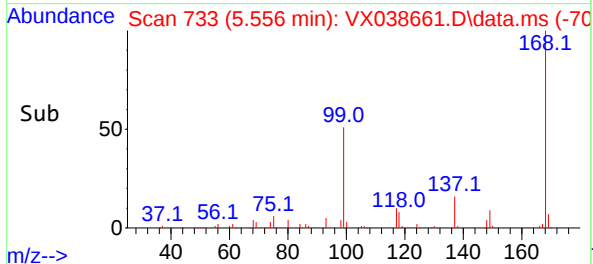
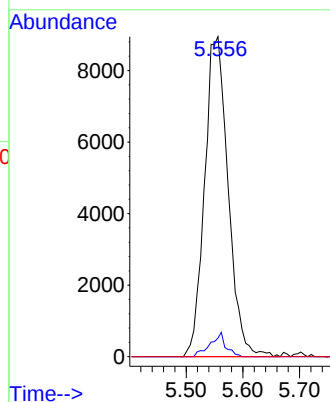


#38
Carbon Tetrachloride
Concen: 5.962 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

Instrument :
MSVOA_X
ClientSampleId :

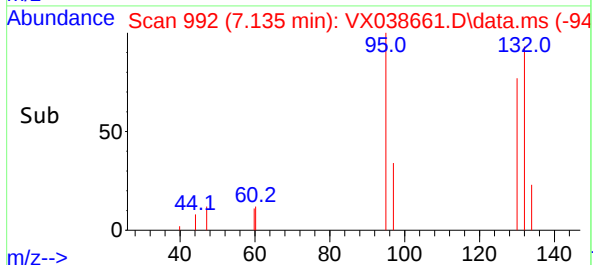
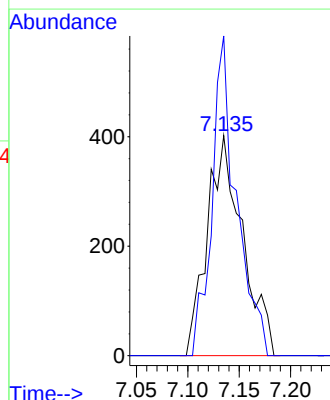
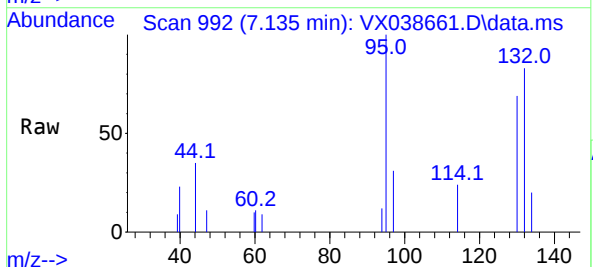


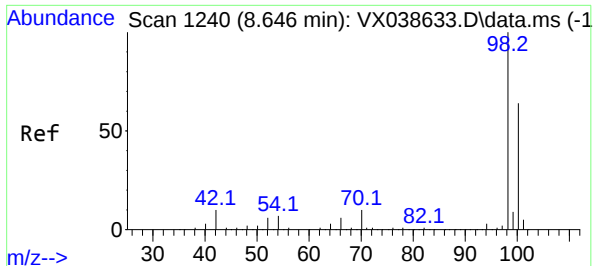
Tgt Ion:117 Resp: 25791
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.277 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.007 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

Tgt Ion:130 Resp: 960
Ion Ratio Lower Upper
130 100
95 145.3 0.0 204.4

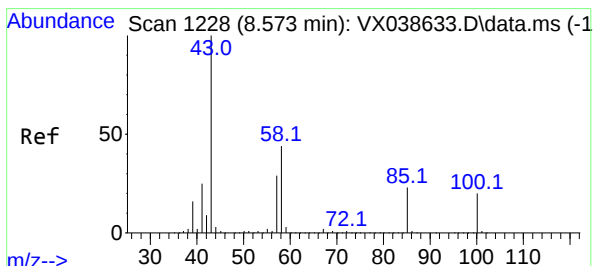
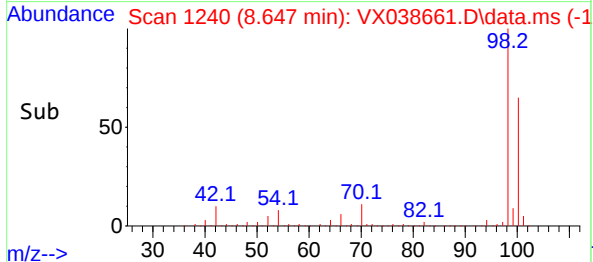
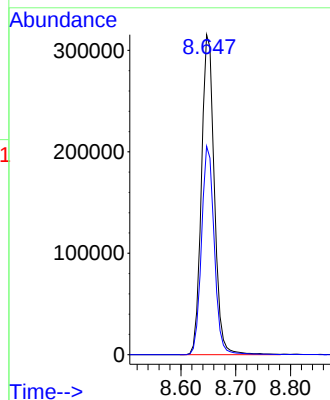
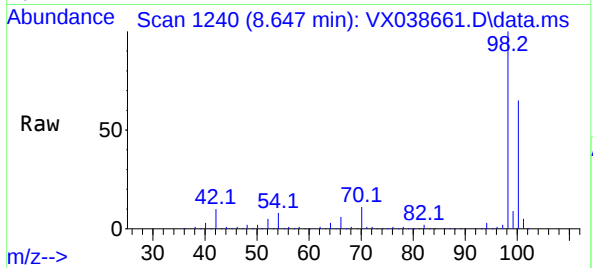




#50
Toluene-d8
Concen: 46.178 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

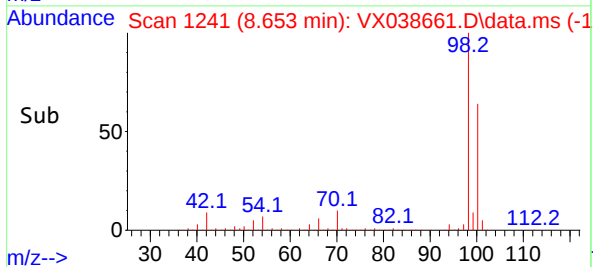
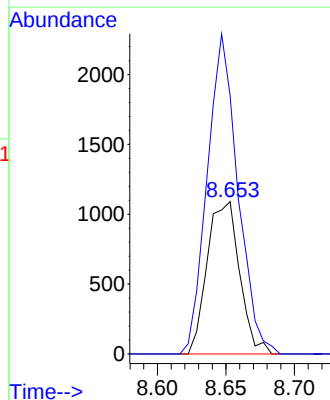
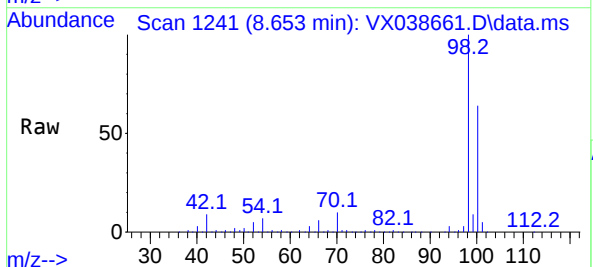
Instrument :
MSVOA_X
ClientSampleId :

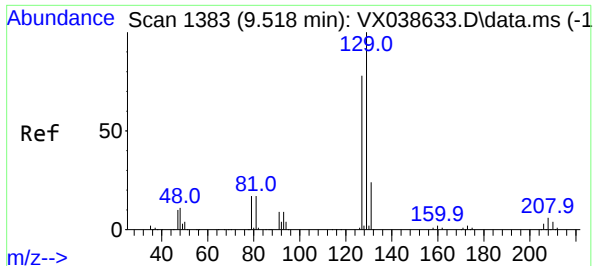
Tgt Ion: 98 Resp: 514797
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.452 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

Tgt Ion: 43 Resp: 1787
Ion Ratio Lower Upper
43 100
58 199.2 30.4 45.6#





#60

Dibromochloromethane

Concen: 5.475 ug/l

RT: 9.275 min Scan# 11

Delta R.T. -0.243 min

Lab File: VX038661.D

Acq: 08 Nov 2023 17:13

Instrument :

MSVOA_X

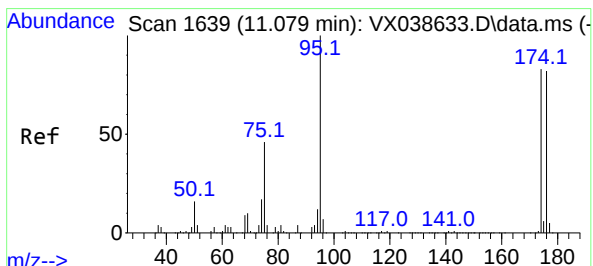
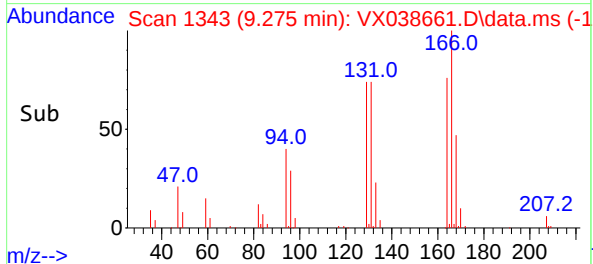
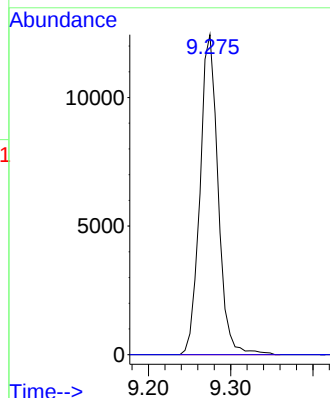
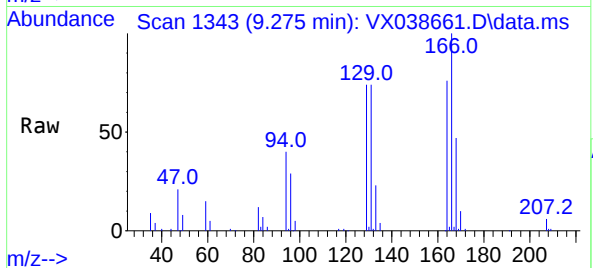
ClientSampleId :

Tgt Ion:129 Resp: 19040

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#



#62

4-Bromofluorobenzene

Concen: 50.376 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038661.D

Acq: 08 Nov 2023 17:13

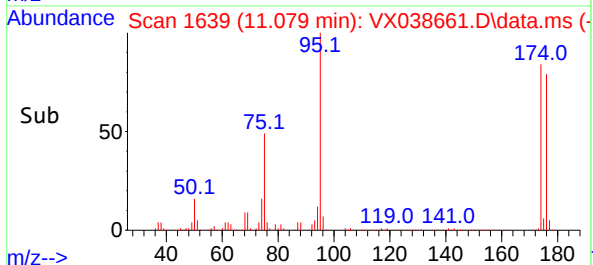
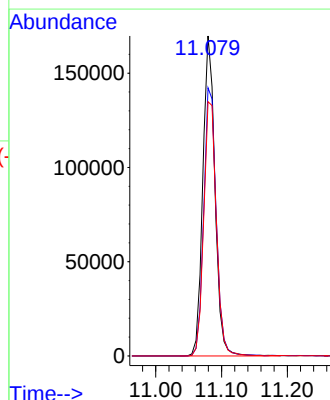
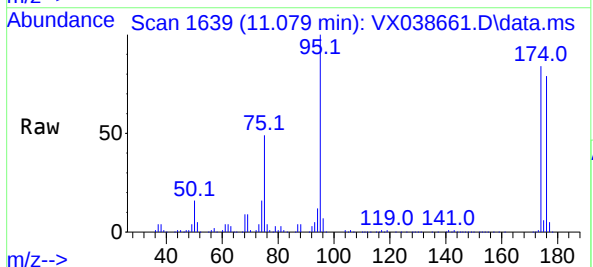
Tgt Ion: 95 Resp: 217737

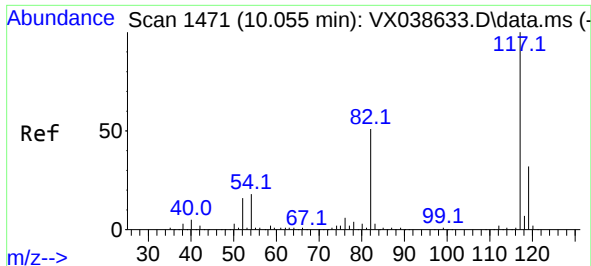
Ion Ratio Lower Upper

95 100

174 86.3 0.0 135.6

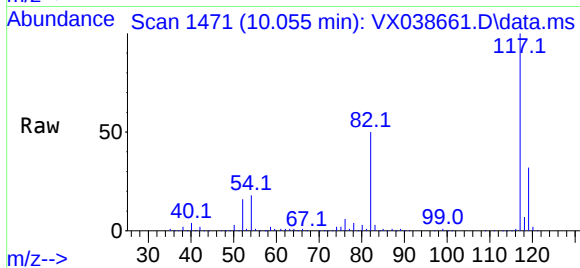
176 83.1 0.0 131.0



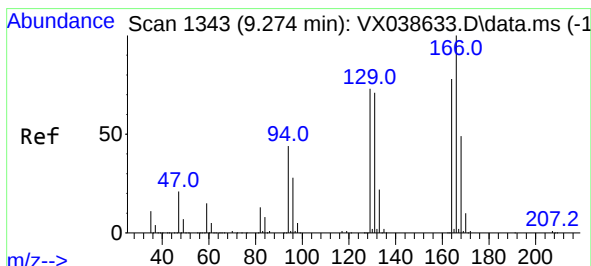
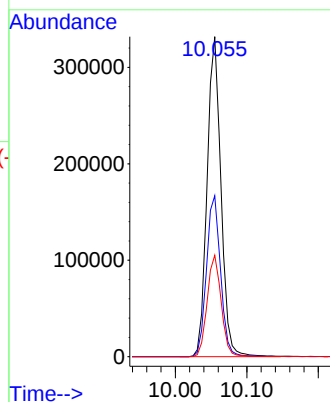
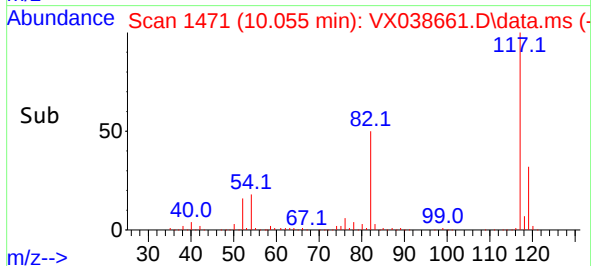


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

Instrument :
MSVOA_X
ClientSampleId :

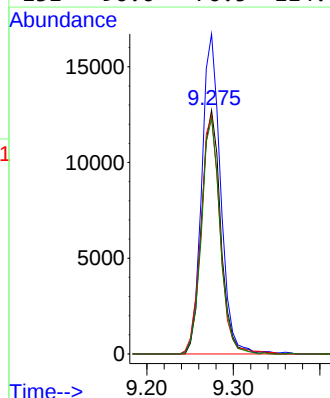
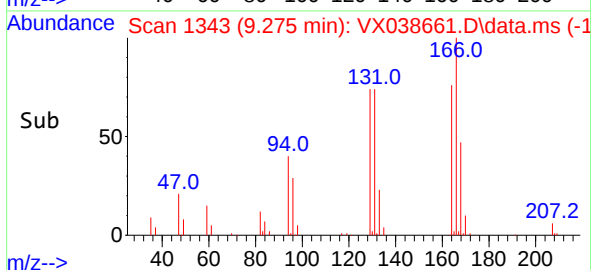
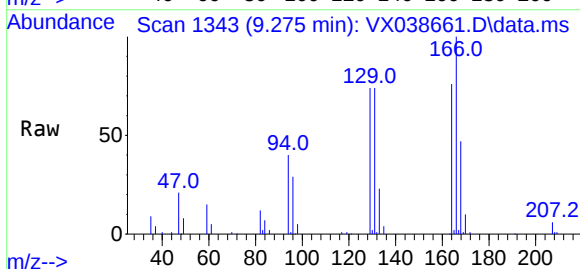


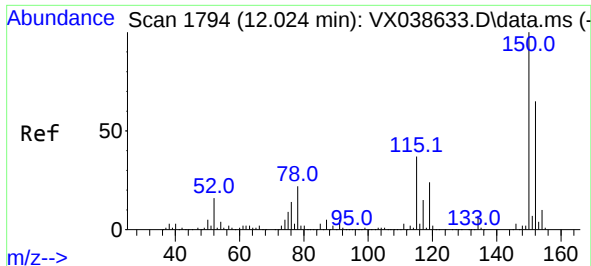
Tgt Ion:117 Resp: 447694
Ion Ratio Lower Upper
117 100
82 50.3 46.2 69.4
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 5.823 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

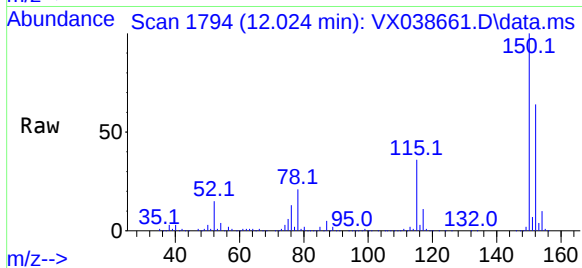
Tgt Ion:164 Resp: 19513
Ion Ratio Lower Upper
164 100
166 131.3 102.7 154.1
129 97.8 80.4 120.6
131 96.6 76.5 114.7



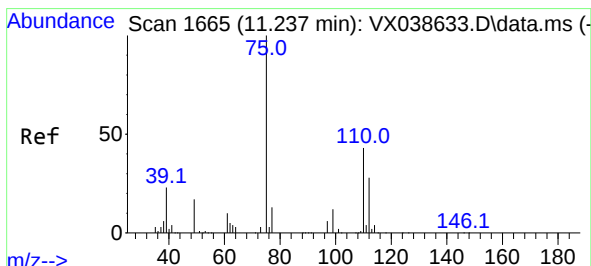
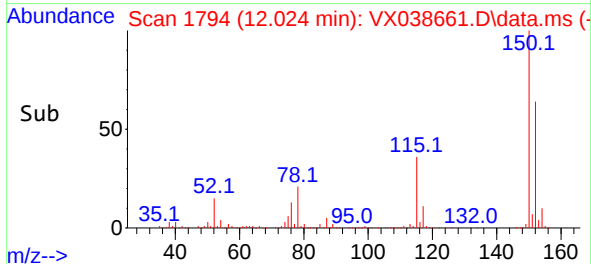
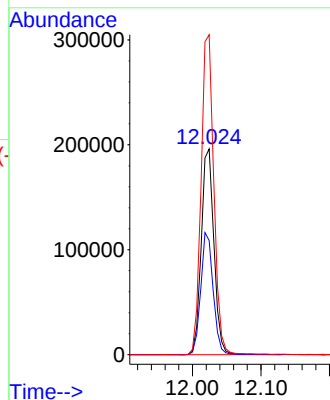


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

Instrument :
MSVOA_X
ClientSampleId :

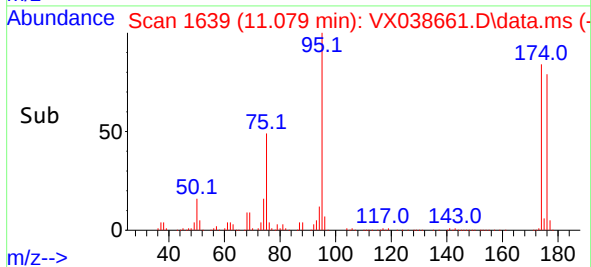
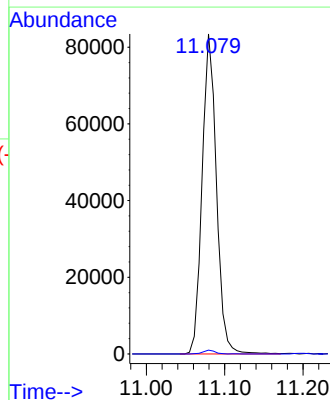
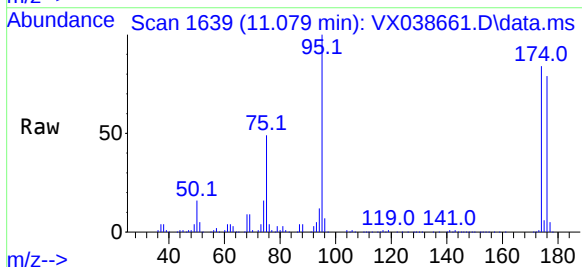


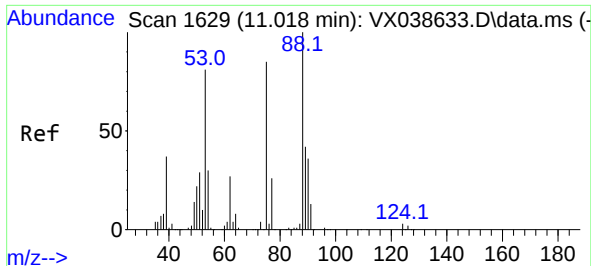
Tgt Ion:152 Resp: 253291
Ion Ratio Lower Upper
152 100
115 58.1 43.3 129.9
150 156.3 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 21.114 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

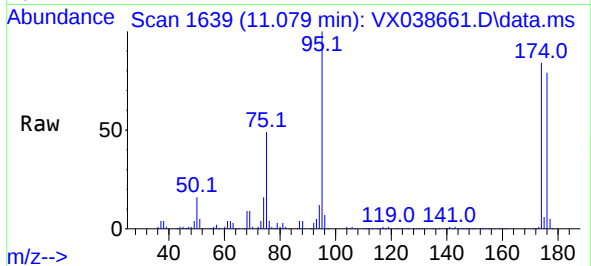
Tgt Ion: 75 Resp: 105918
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.142 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 105918
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

