

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038663.D
 Acq On : 08 Nov 2023 17:59
 Operator : JC/MD
 Sample : 05223-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 09 01:22:00 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)

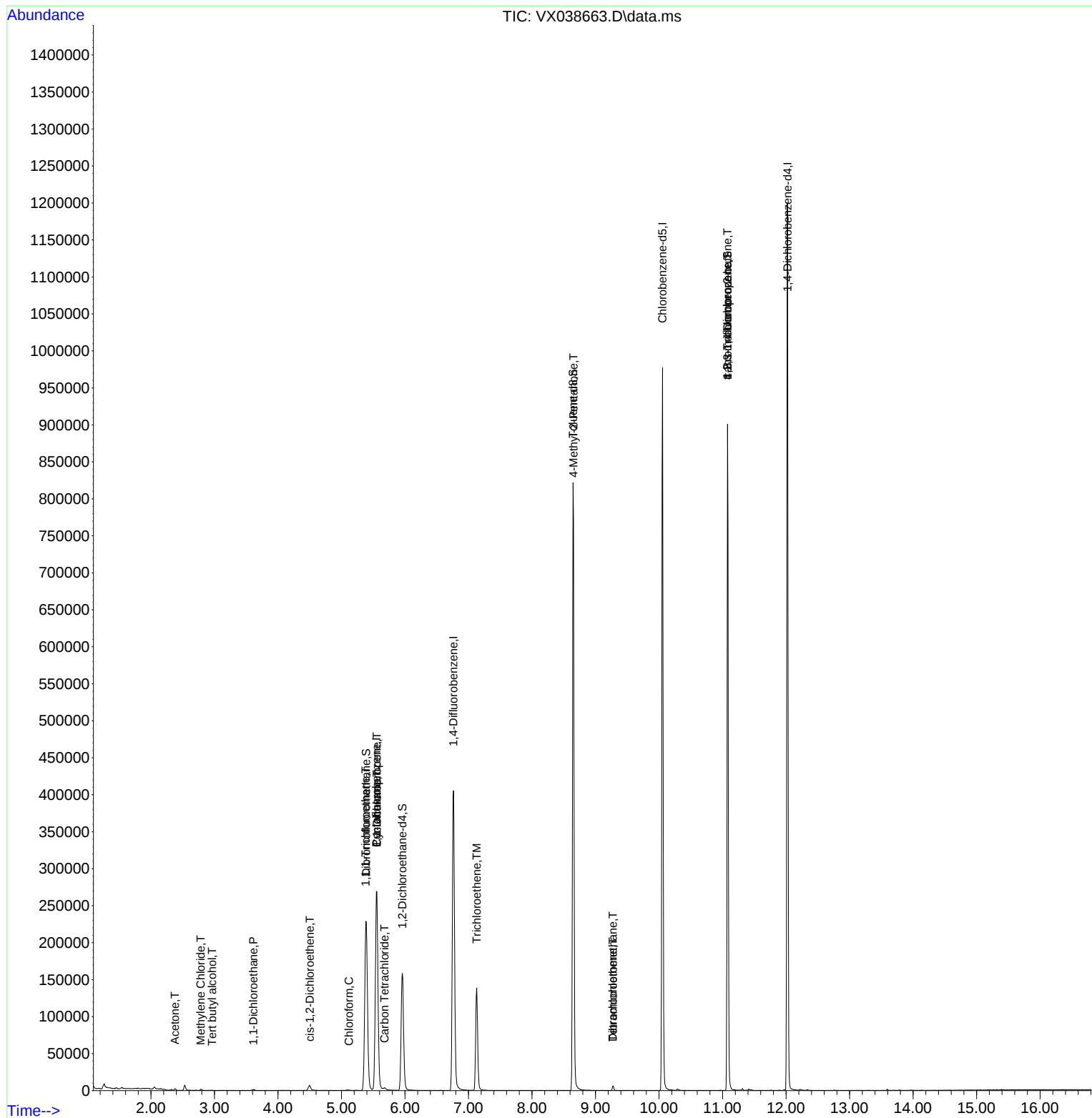
Internal Standards						
1) Pentafluorobenzene	5.550	168	276910	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	455574	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	471678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	280015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161868	46.953	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.900%		
35) Dibromofluoromethane	5.385	113	155300	47.331	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.660%		
50) Toluene-d8	8.647	98	528454	45.008	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.020%#		
62) 4-Bromofluorobenzene	11.079	95	238853	52.469	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.940%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.965	59	188	0.267	ug/l	# 78
16) Acetone	2.380	43	2320	1.598	ug/l	96
20) Methylene Chloride	2.782	84	813	0.278	ug/l	90
24) 1,1-Dichloroethane	3.611	63	2046	0.443	ug/l	# 83
27) cis-1,2-Dichloroethene	4.501	96	4814	1.482	ug/l	77
30) Chloroform	5.117	83	1207	0.223	ug/l	# 82
31) Cyclohexane	5.556	56	4437	1.163	ug/l	# 1
32) 1,1,1-Trichloroethane	5.379	97	58845	12.347	ug/l	96
36) 1,1-Dichloropropene	5.556	75	18168	4.457	ug/l	# 52
38) Carbon Tetrachloride	5.678	117	2054	0.451	ug/l	# 83
44) Trichloroethene	7.129	130	57064	15.623	ug/l	93
51) 4-Methyl-2-Pentanone	8.653	43	1761	0.422	ug/l	# 1
60) Dibromochloromethane	9.275	129	1062	0.290	ug/l	# 11
64) Tetrachloroethene	9.275	164	1155	0.327	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	117315	21.154	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	117315	64.250	ug/l	# 5

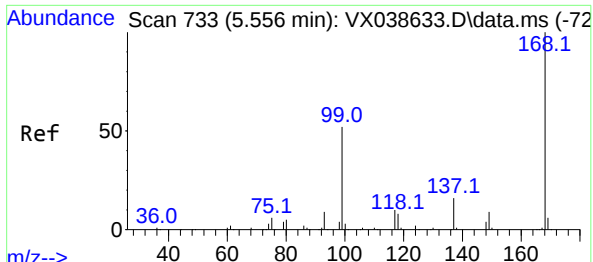
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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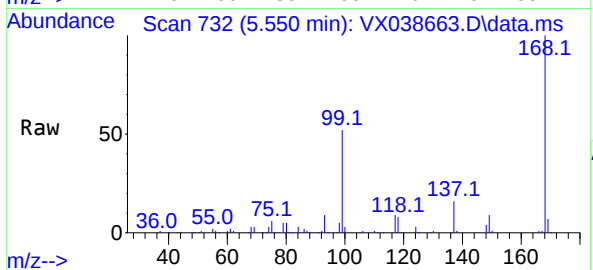
Quant Time: Nov 09 01:22:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration



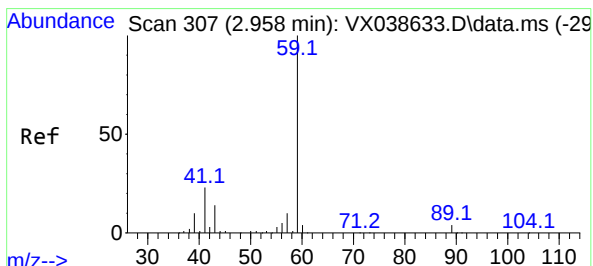
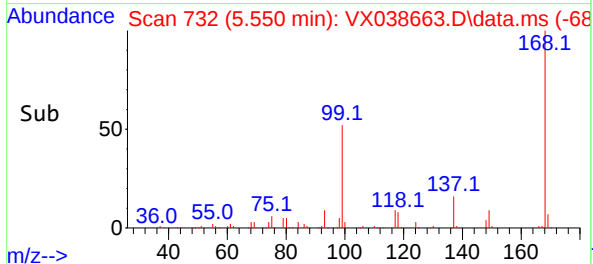
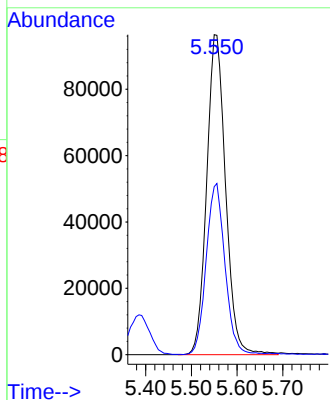


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

Instrument :
MSVOA_X
ClientSampleId :

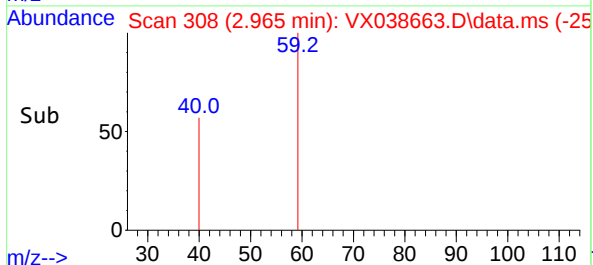
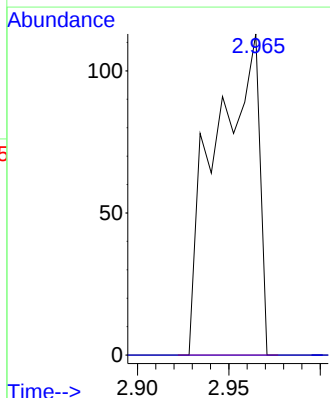
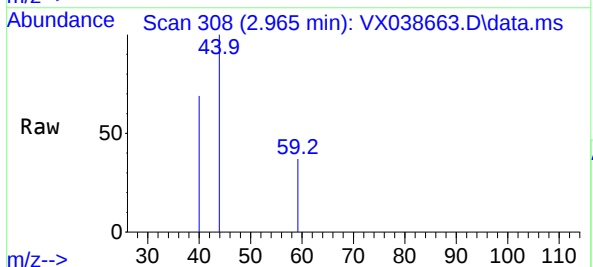


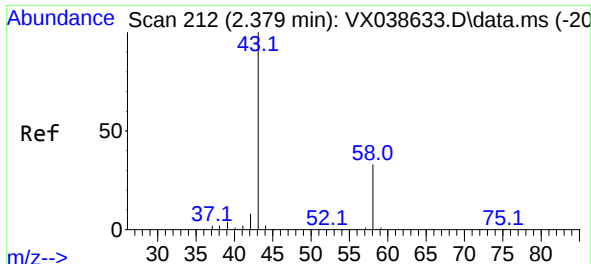
Tgt Ion:168 Resp: 276910
Ion Ratio Lower Upper
168 100
99 52.4 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.267 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.006 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

Tgt Ion: 59 Resp: 188
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

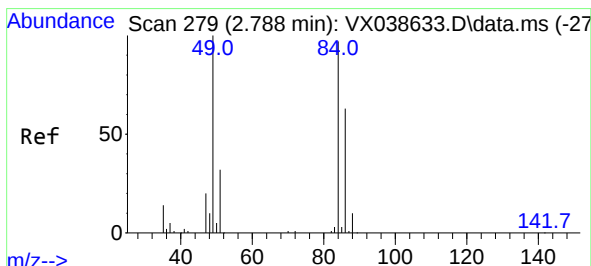
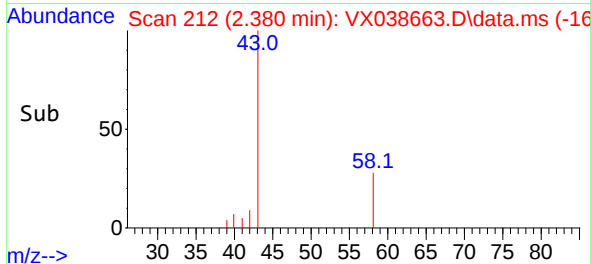
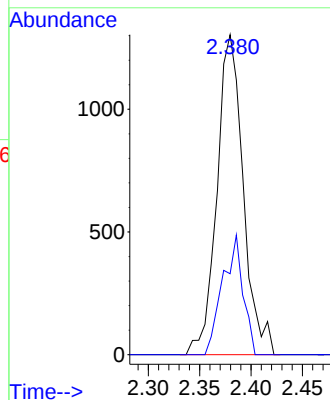
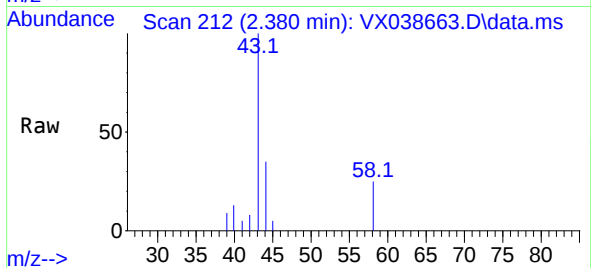




#16
Acetone
Concen: 1.598 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

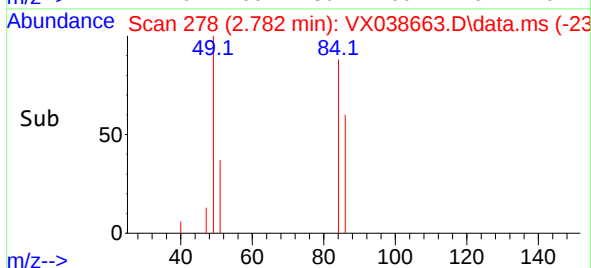
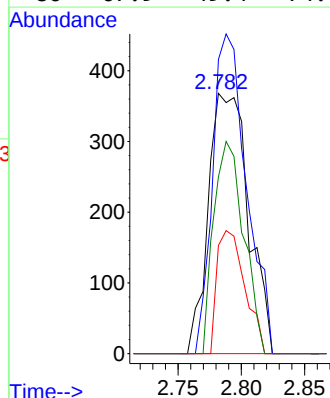
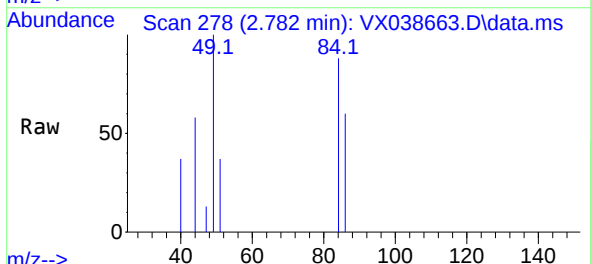
Instrument :
MSVOA_X
ClientSampleId :

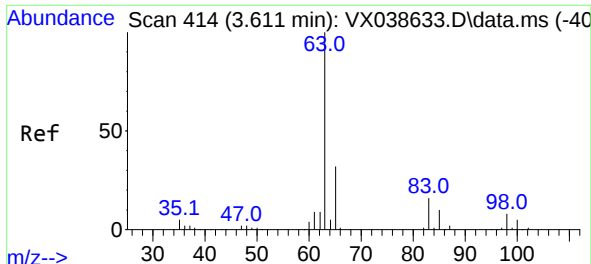
Tgt Ion: 43 Resp: 2320
Ion Ratio Lower Upper
43 100
58 25.3 21.9 32.9



#20
Methylene Chloride
Concen: 0.278 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

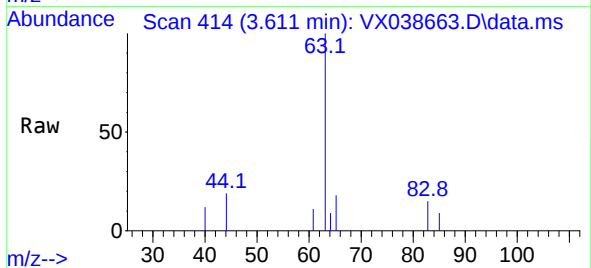
Tgt Ion: 84 Resp: 813
Ion Ratio Lower Upper
84 100
49 113.0 103.6 155.4
51 41.6 33.8 50.6
86 67.9 49.4 74.0



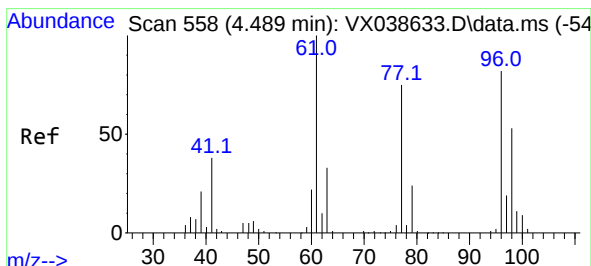
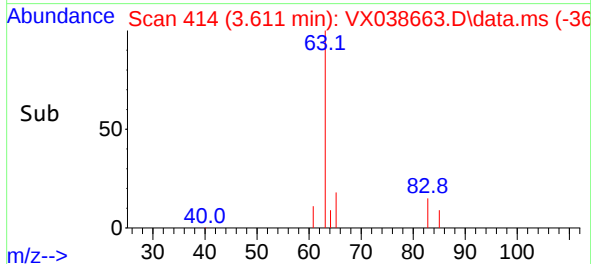
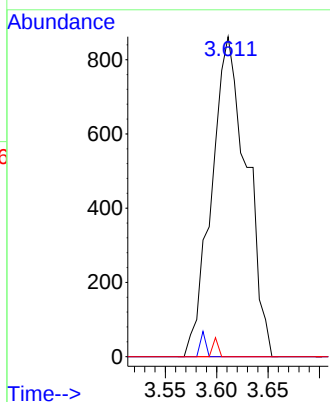


#24
1,1-Dichloroethane
Concen: 0.443 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

Instrument :
MSVOA_X
ClientSampleId :

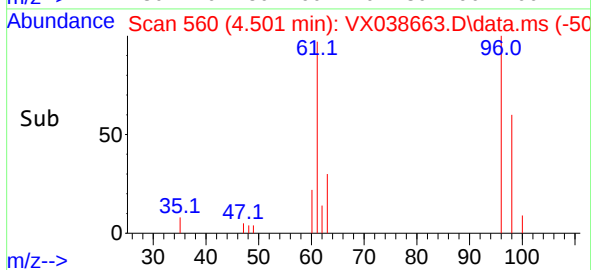
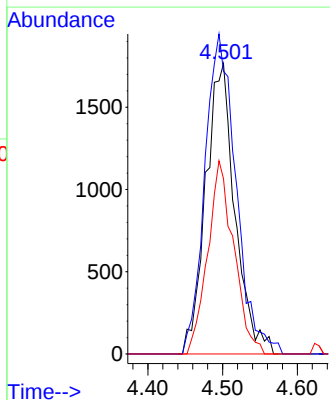
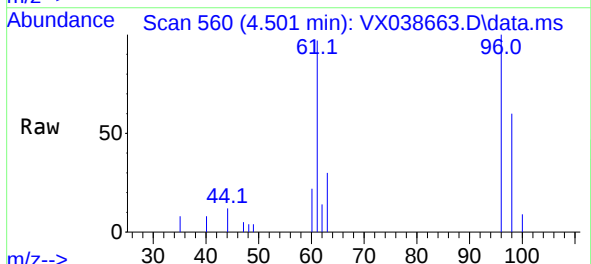


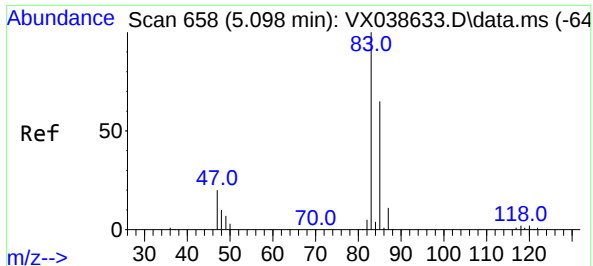
Tgt Ion: 63 Resp: 2046
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#



#27
cis-1,2-Dichloroethene
Concen: 1.482 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

Tgt Ion: 96 Resp: 4814
Ion Ratio Lower Upper
96 100
61 117.1 0.0 312.2
98 59.3 0.0 129.0





#30

Chloroform

Concen: 0.223 ug/l

RT: 5.117 min Scan# 6

Delta R.T. 0.019 min

Lab File: VX038663.D

Acq: 08 Nov 2023 17:59

Instrument :

MSVOA_X

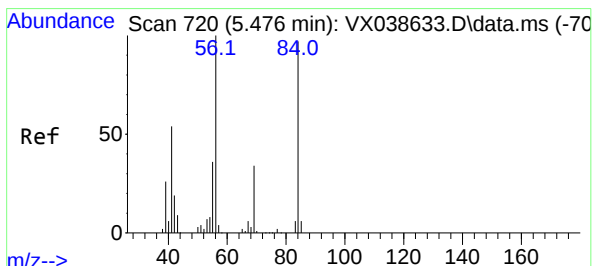
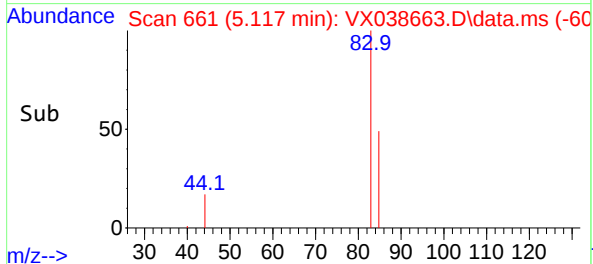
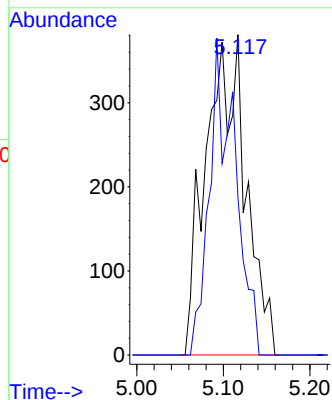
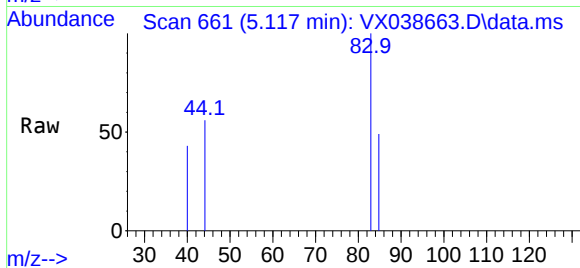
ClientSampleId :

Tgt Ion: 83 Resp: 1207

Ion Ratio Lower Upper

83 100

85 49.1 50.3 75.5#



#31

Cyclohexane

Concen: 1.163 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX038663.D

Acq: 08 Nov 2023 17:59

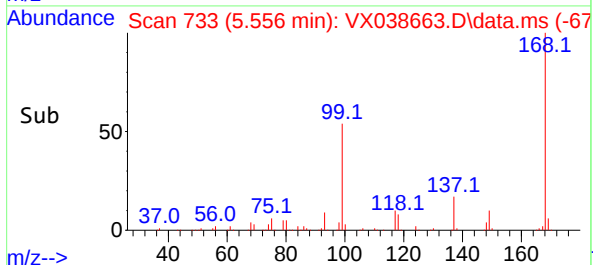
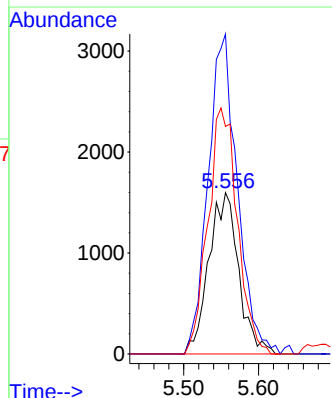
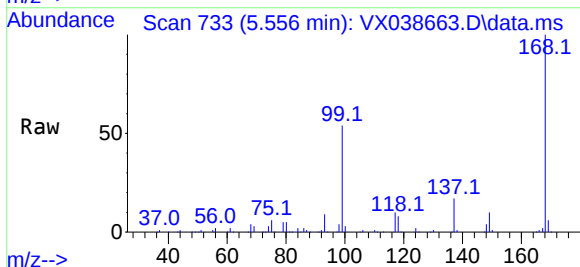
Tgt Ion: 56 Resp: 4437

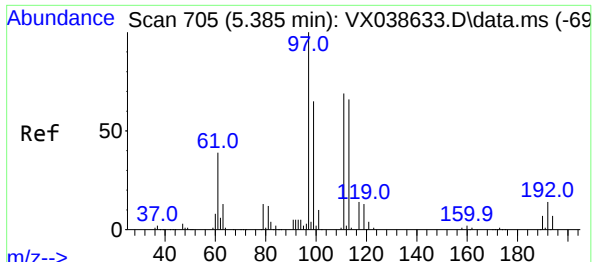
Ion Ratio Lower Upper

56 100

69 198.5 23.4 35.2#

84 141.1 65.9 98.9#

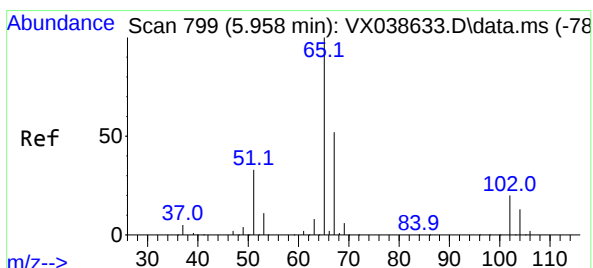
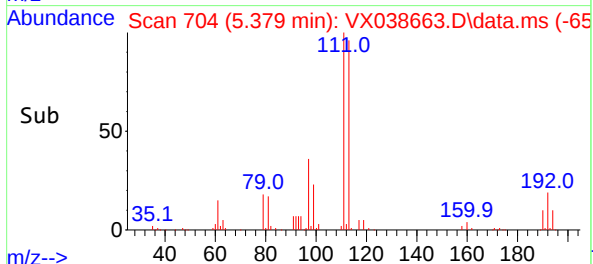
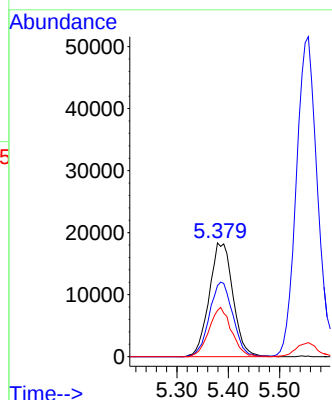
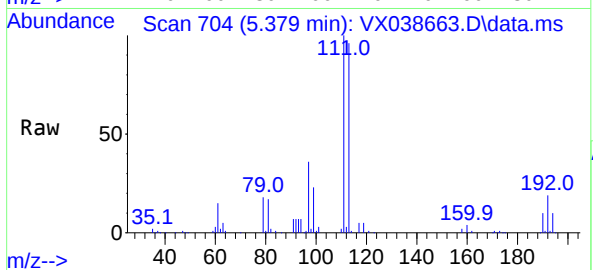




#32
1,1,1-Trichloroethane
Concen: 12.347 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

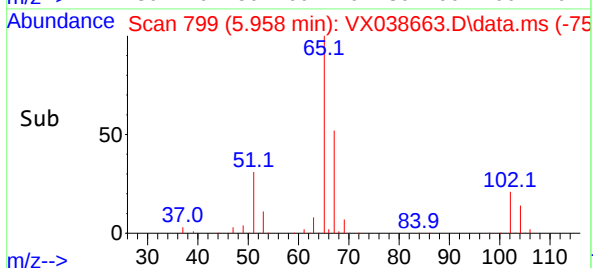
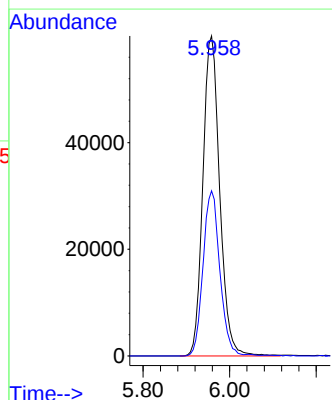
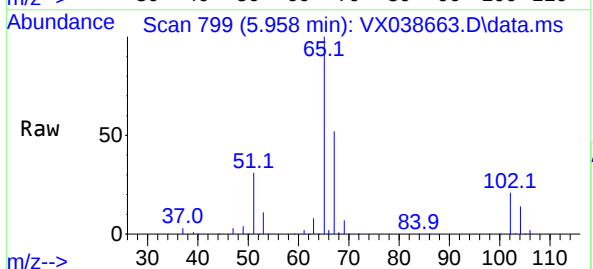
Instrument :
MSVOA_X
ClientSampleId :

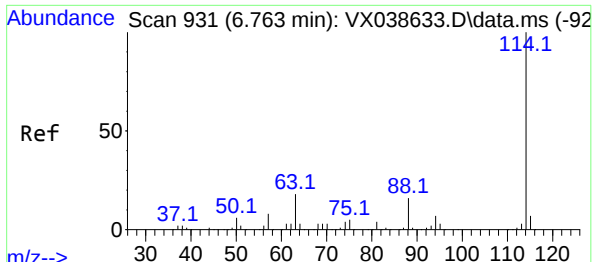
Tgt Ion: 97 Resp: 58845
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 40.8 36.4 54.6



#33
1,2-Dichloroethane-d4
Concen: 46.953 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

Tgt Ion: 65 Resp: 161868
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

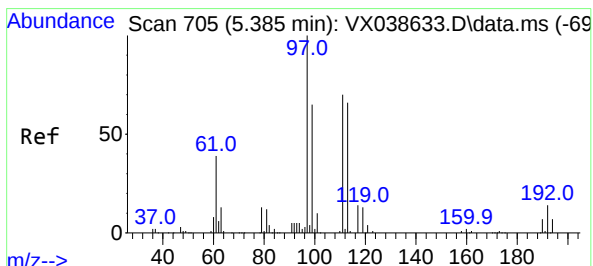
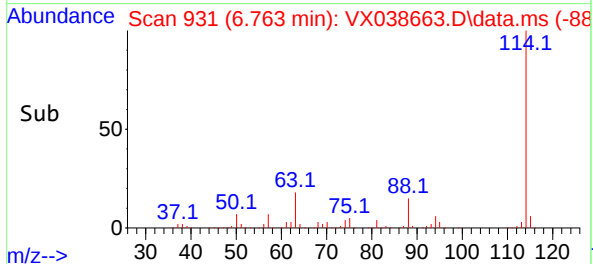
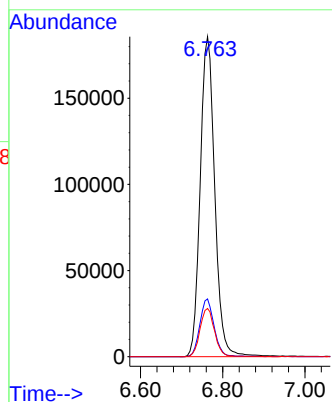
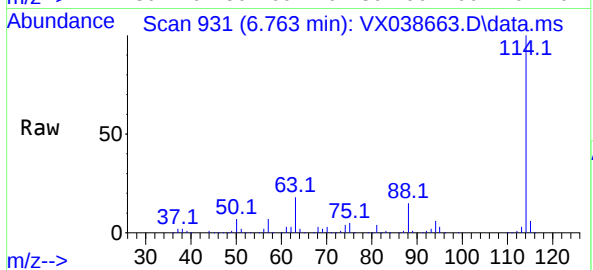




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

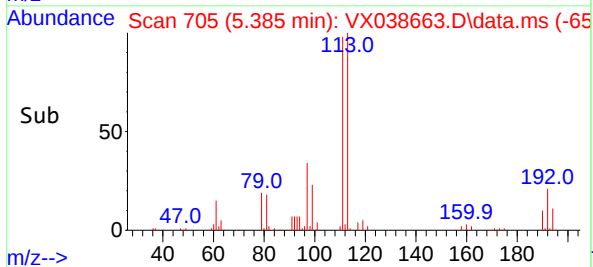
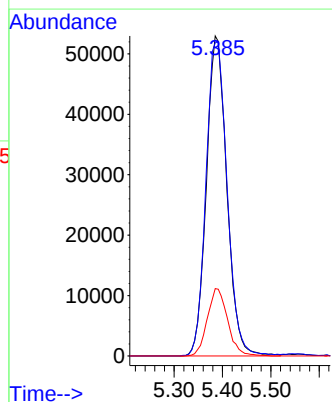
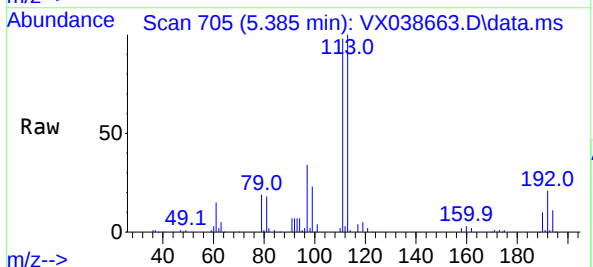
Instrument :
MSVOA_X
ClientSampleId :

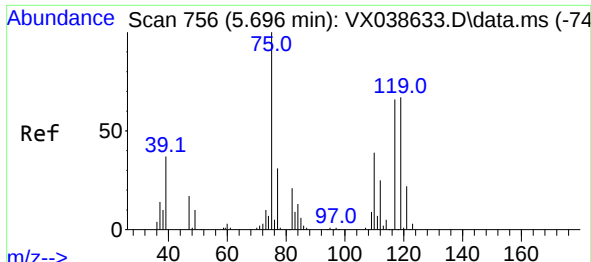
Tgt Ion:114 Resp: 455574
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.331 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

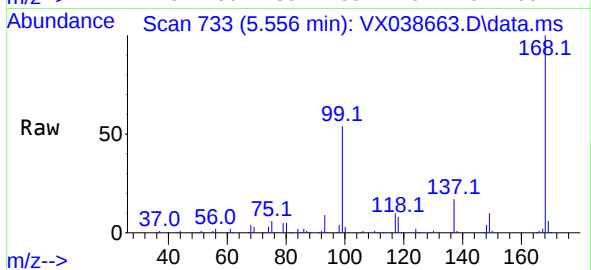
Tgt Ion:113 Resp: 155300
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 20.9 13.3 19.9#



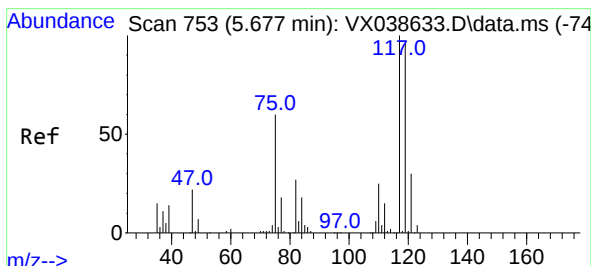
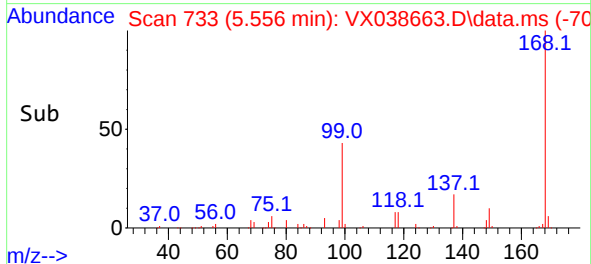
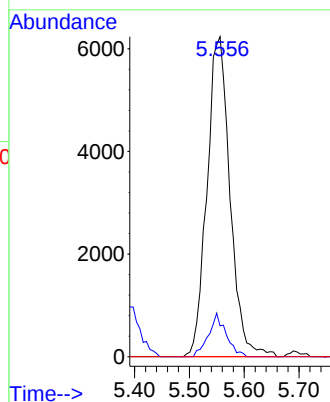


#36
1,1-Dichloropropene
Concen: 4.457 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

Instrument :
MSVOA_X
ClientSampleId :

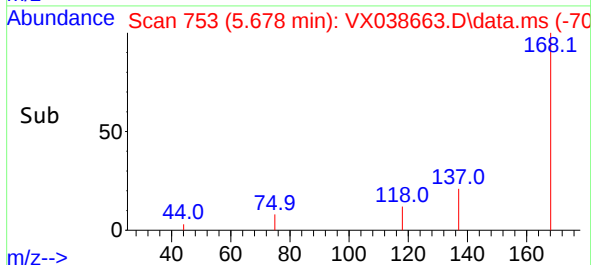
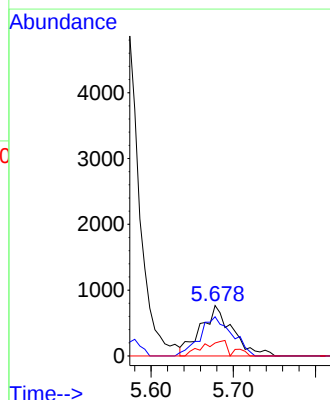
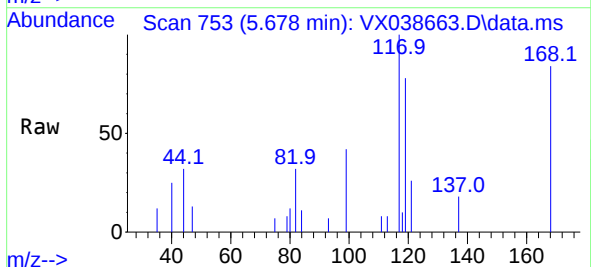


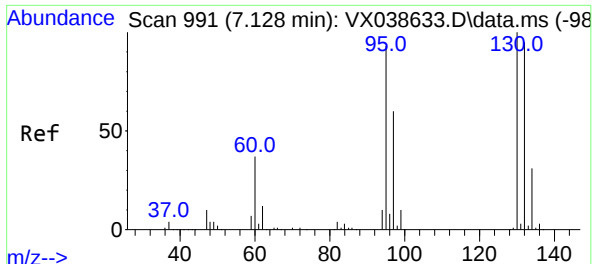
Tgt Ion: 75 Resp: 18168
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 0.451 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

Tgt Ion:117 Resp: 2054
Ion Ratio Lower Upper
117 100
119 77.9 78.2 117.2#
121 25.9 24.4 36.6

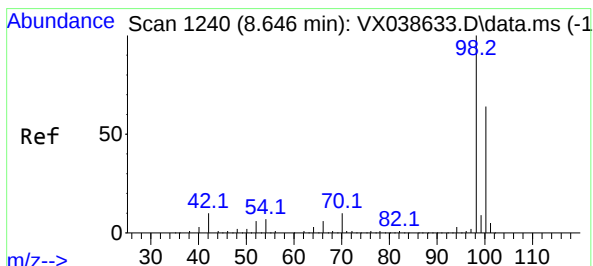
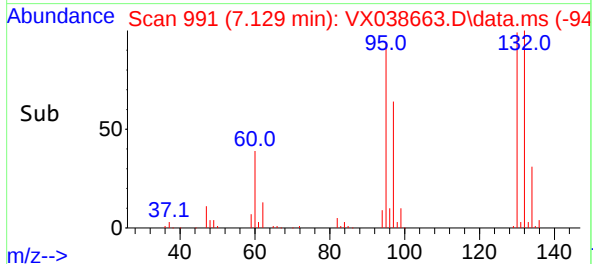
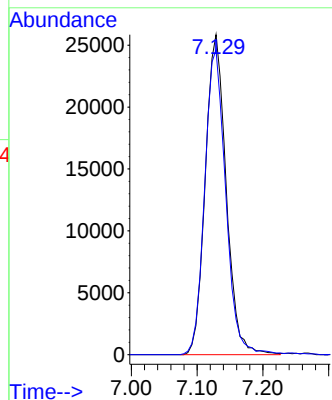
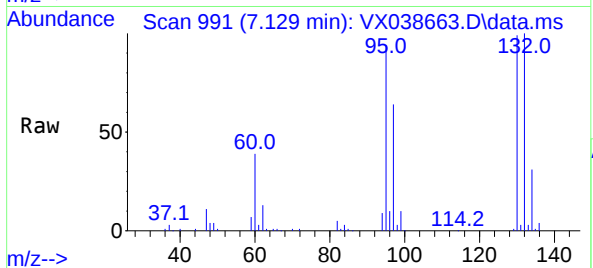




#44
Trichloroethene
Concen: 15.623 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

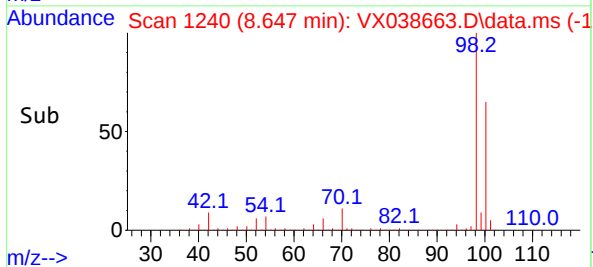
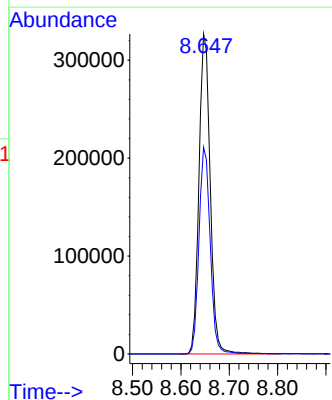
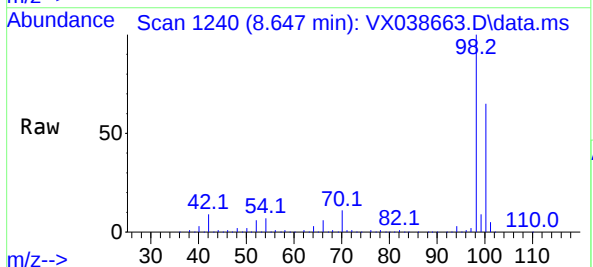
Instrument :
MSVOA_X
ClientSampleId :

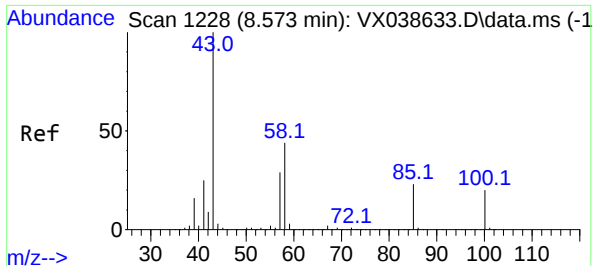
Tgt Ion:130 Resp: 57064
Ion Ratio Lower Upper
130 100
95 95.3 0.0 204.4



#50
Toluene-d8
Concen: 45.008 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

Tgt Ion: 98 Resp: 528454
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7

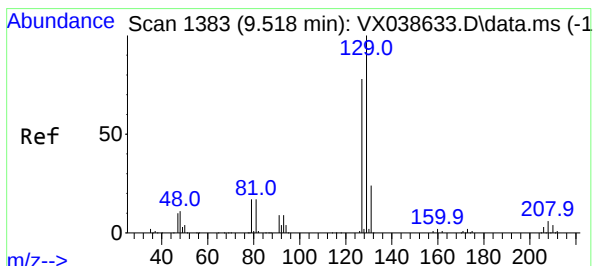
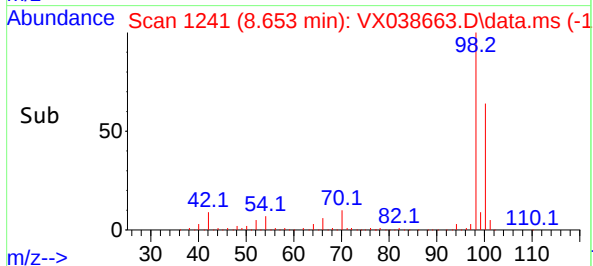
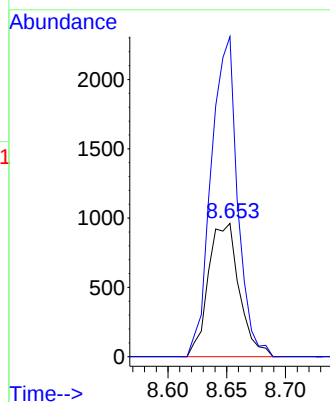
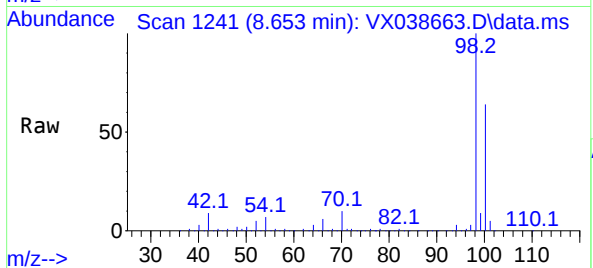




#51
4-Methyl-2-Pentanone
Concen: 0.422 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.080 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

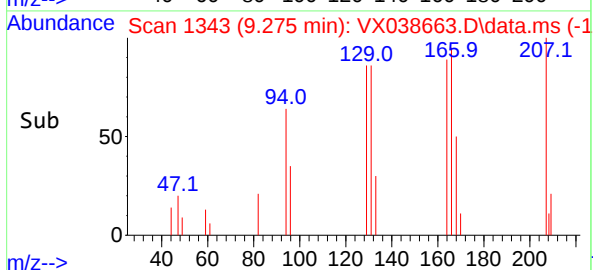
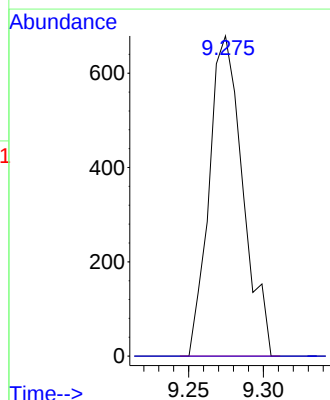
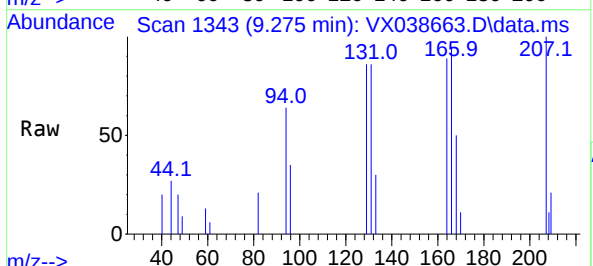
Instrument :
MSVOA_X
ClientSampleId :

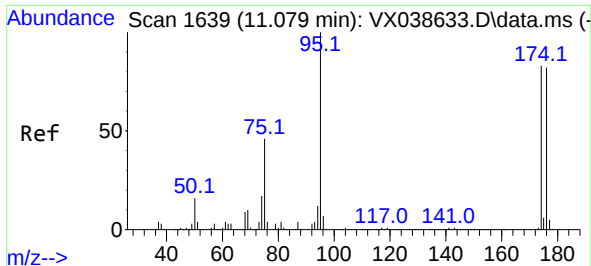
Tgt Ion: 43 Resp: 1761
Ion Ratio Lower Upper
43 100
58 205.3 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.290 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

Tgt Ion: 129 Resp: 1062
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

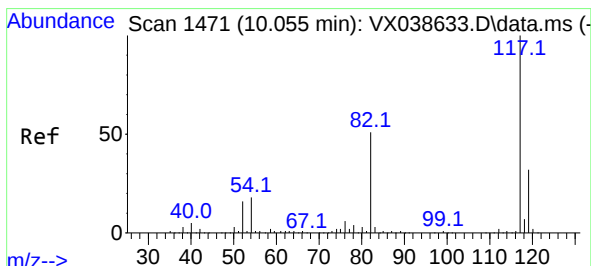
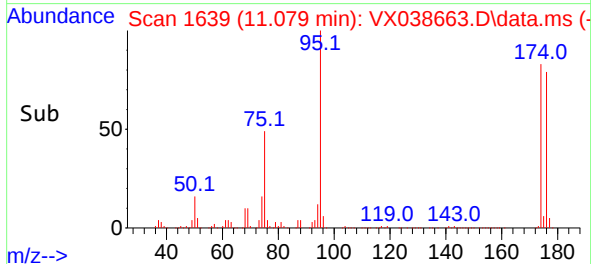
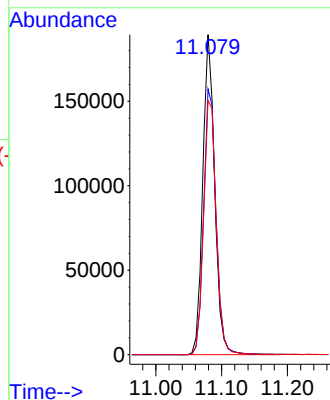
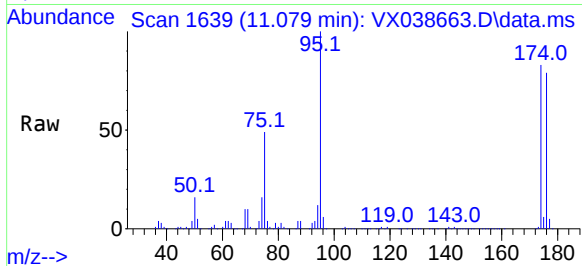




#62
4-Bromofluorobenzene
Concen: 52.469 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

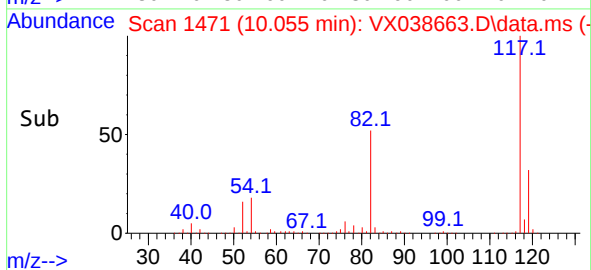
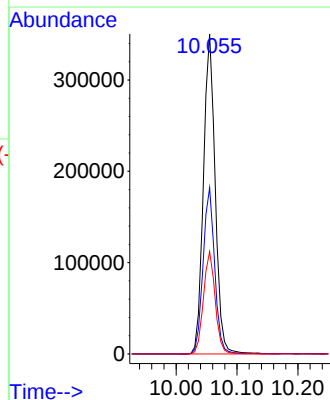
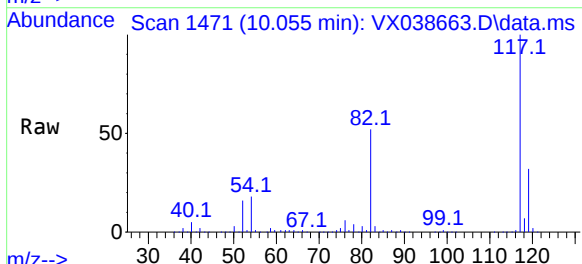
Instrument :
MSVOA_X
ClientSampleId :

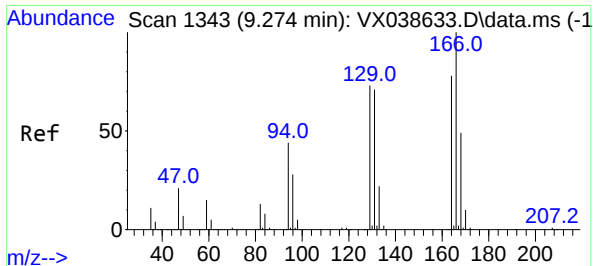
Tgt Ion: 95 Resp: 238853
Ion Ratio Lower Upper
95 100
174 86.8 0.0 135.6
176 84.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

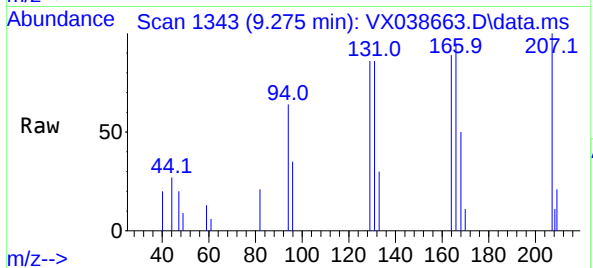
Tgt Ion: 117 Resp: 471678
Ion Ratio Lower Upper
117 100
82 52.0 46.2 69.4
119 32.0 25.5 38.3





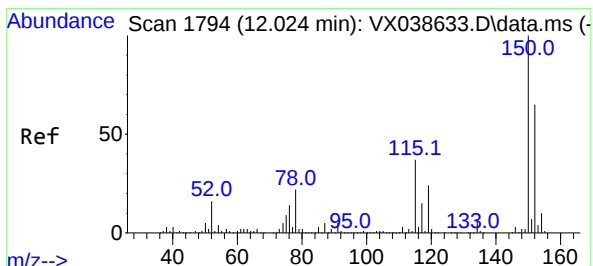
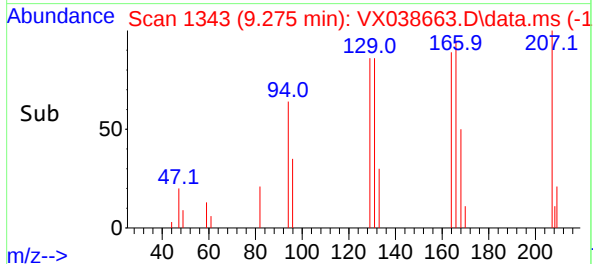
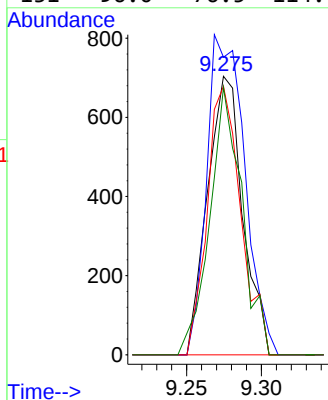
#64
Tetrachloroethene
Concen: 0.327 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:164 Resp: 1155

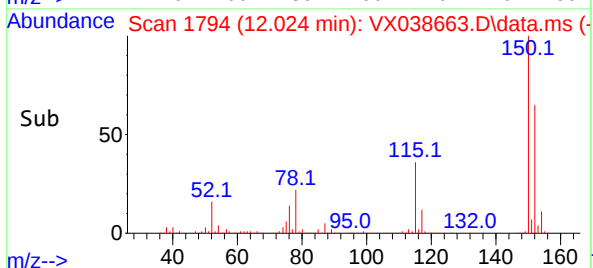
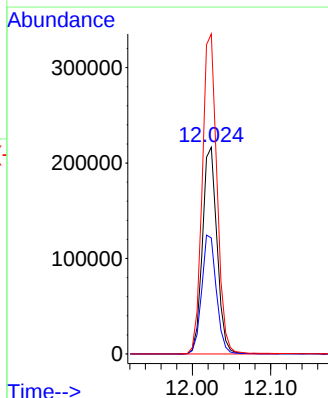
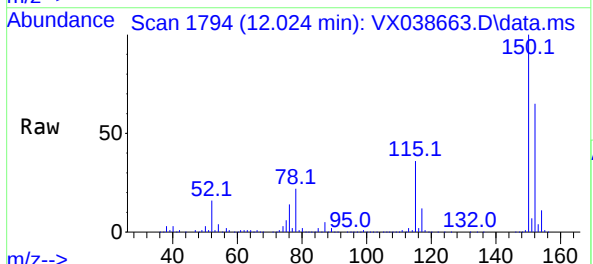
Ion	Ratio	Lower	Upper
164	100		
166	106.8	102.7	154.1
129	96.4	80.4	120.6
131	96.0	76.5	114.7

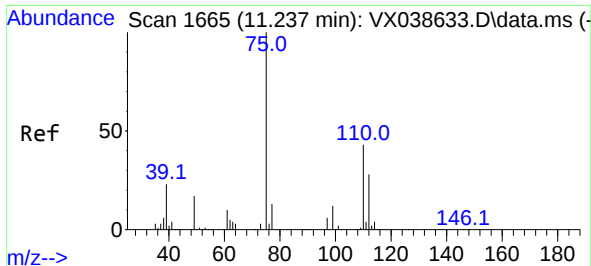


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

Tgt Ion:152 Resp: 280015

Ion	Ratio	Lower	Upper
152	100		
115	58.0	43.3	129.9
150	156.5	0.0	345.0

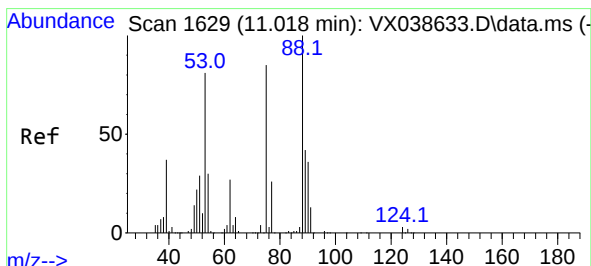
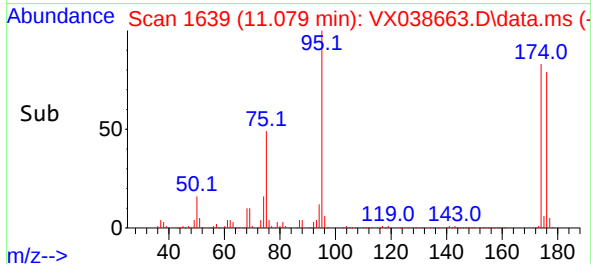
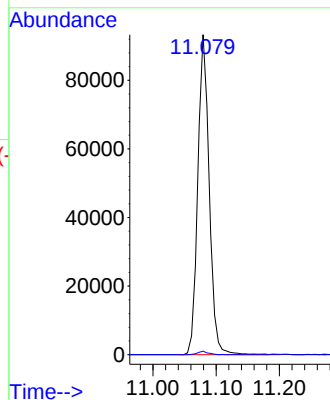
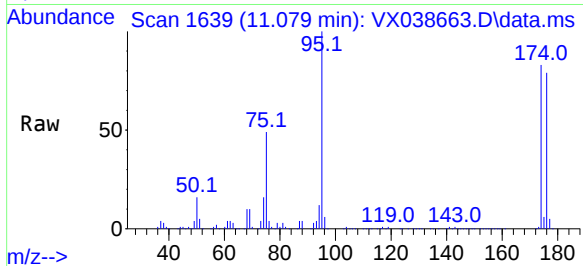




#76
1,2,3-Trichloropropane
Concen: 21.154 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 117315
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.250 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

Tgt Ion: 75 Resp: 117315
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

