

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038658.D
 Acq On : 08 Nov 2023 16:04
 Operator : JC/MD
 Sample : 05223-13RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 09 01:20:57 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)

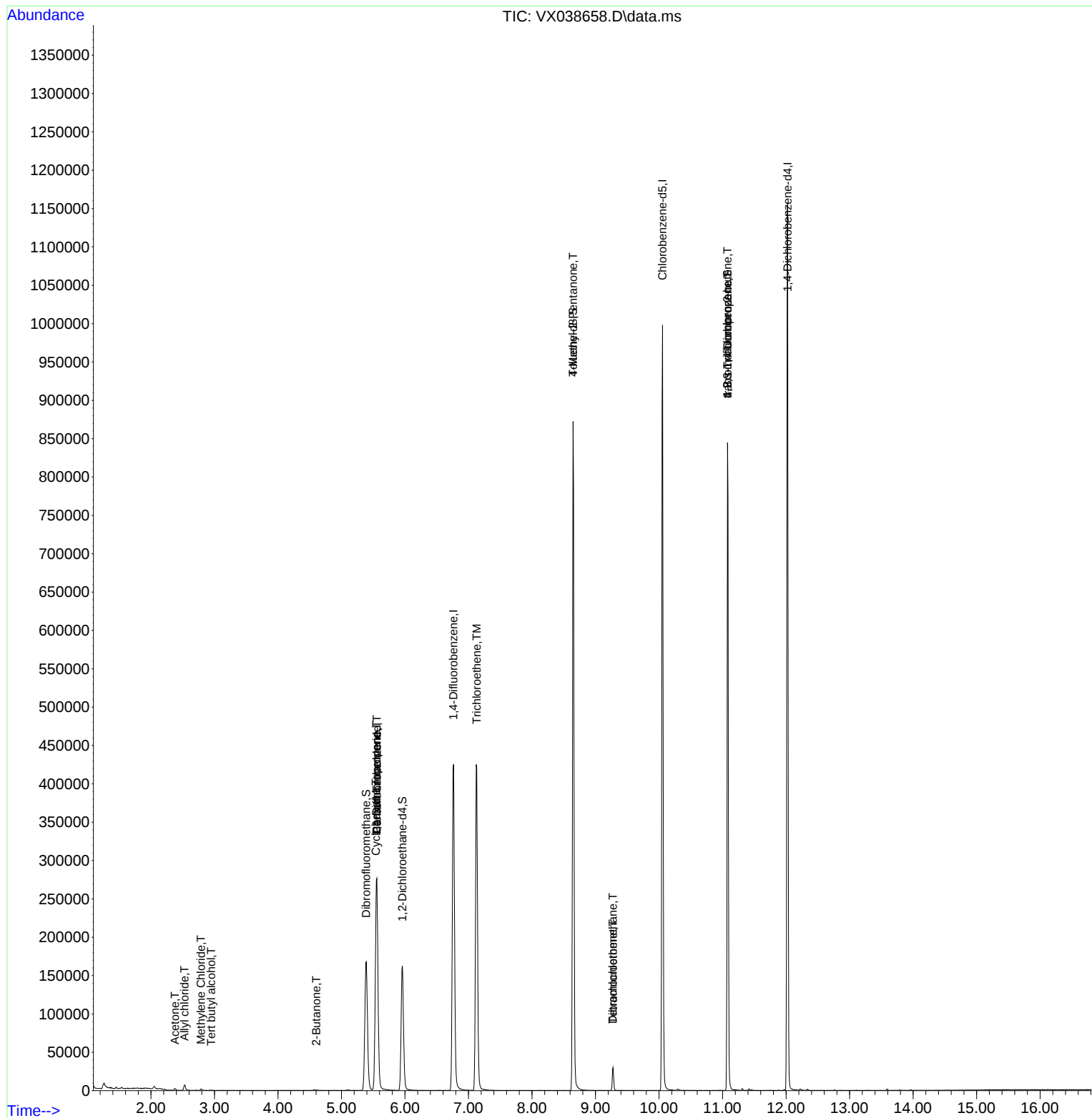
Internal Standards						
1) Pentafluorobenzene	5.556	168	285082	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	477315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	488151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	274536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161130	45.399	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.800%		
35) Dibromofluoromethane	5.385	113	149467	43.478	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.960%		
50) Toluene-d8	8.647	98	543707	44.198	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.400%#		
62) 4-Bromofluorobenzene	11.079	95	228522	47.913	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.820%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.947	59	461	0.635	ug/l	# 78
14) Allyl chloride	2.526	41	942	0.247	ug/l	# 75
16) Acetone	2.380	43	2576	1.723	ug/l	90
20) Methylene Chloride	2.788	84	1032	0.342	ug/l	# 74
25) 2-Butanone	4.605	43	554	0.256	ug/l	# 51
31) Cyclohexane	5.544	56	4906	1.249	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	18484	4.328	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	27432	5.746	ug/l	# 16
44) Trichloroethene	7.129	130	178034	46.521	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	2085	0.477	ug/l	# 1
60) Dibromochloromethane	9.275	129	5487	1.430	ug/l	# 11
64) Tetrachloroethene	9.275	164	5853	1.602	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	110944	20.405	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	110944	62.224	ug/l	# 5

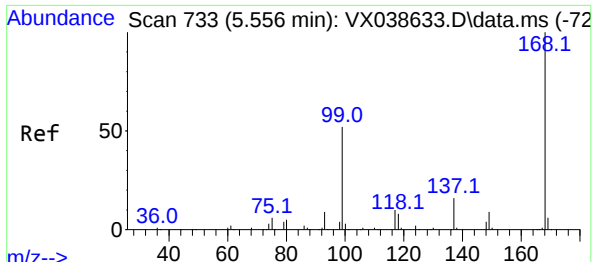
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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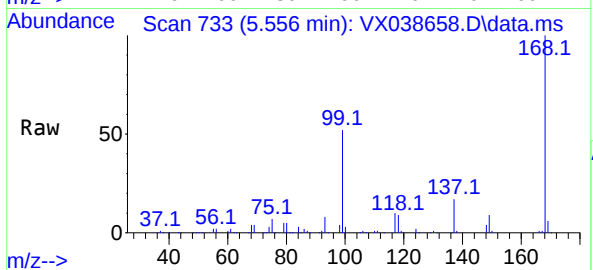
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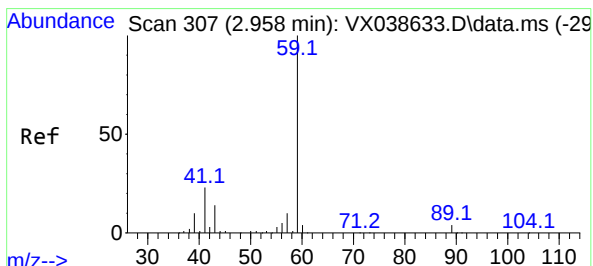
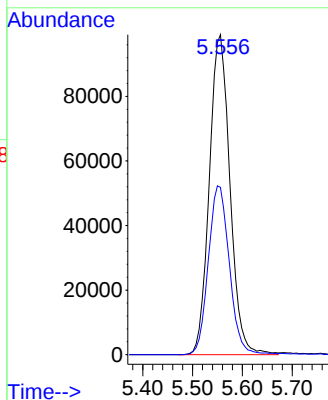
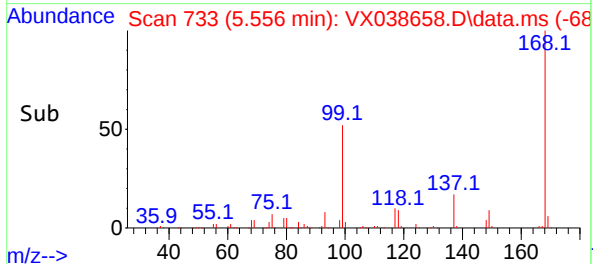


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :

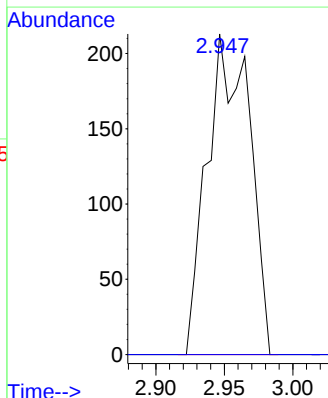
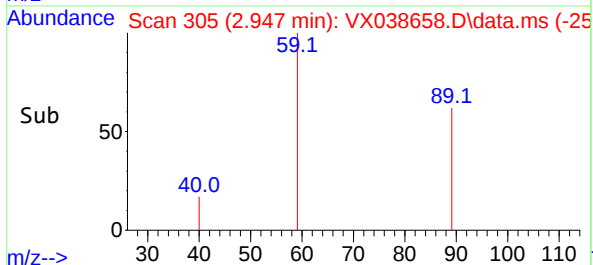
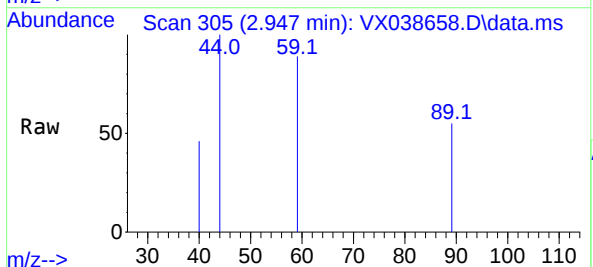


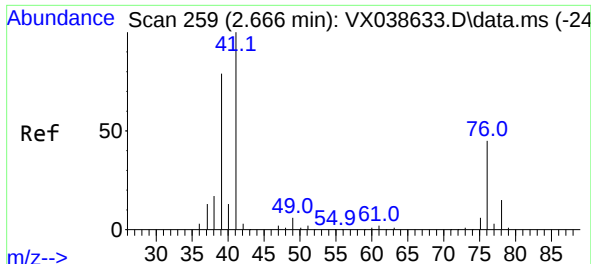
Tgt Ion:168 Resp: 285082
Ion Ratio Lower Upper
168 100
99 52.3 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.635 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

Tgt Ion: 59 Resp: 461
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#14

Allyl chloride

Concen: 0.247 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.140 min

Lab File: VX038658.D

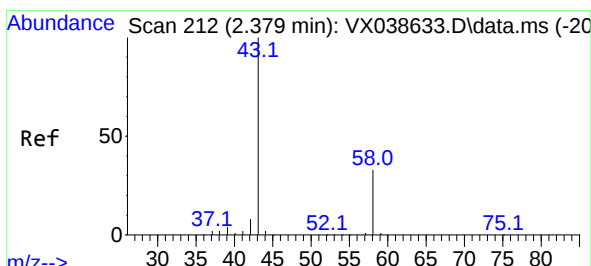
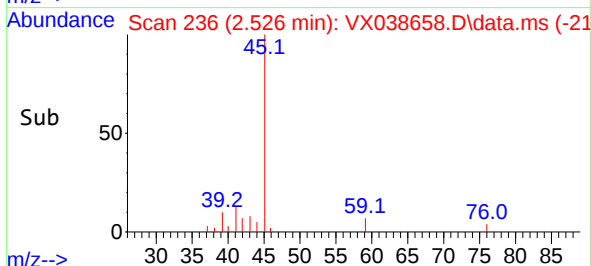
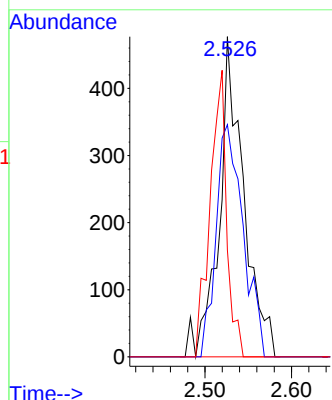
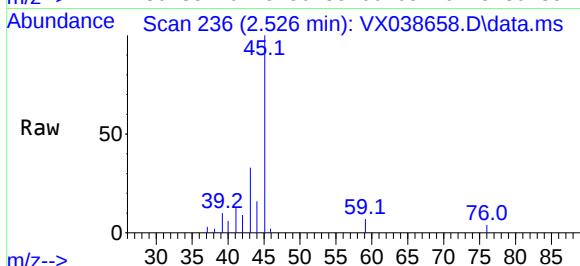
Acq: 08 Nov 2023 16:04

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 41	Resp: 942
Ion Ratio	Lower Upper
41 100	
39 79.6	55.8 83.6
76 60.5	24.3 36.5#



#16

Acetone

Concen: 1.723 ug/l

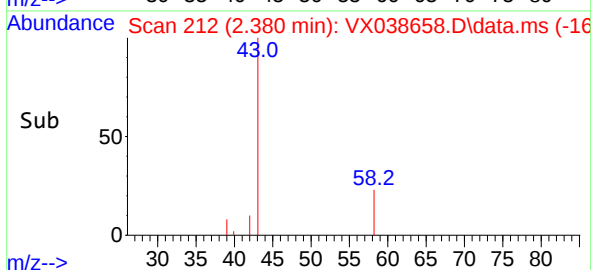
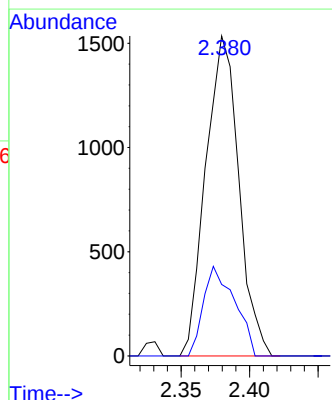
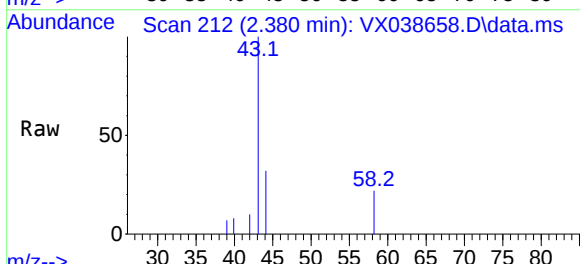
RT: 2.380 min Scan# 212

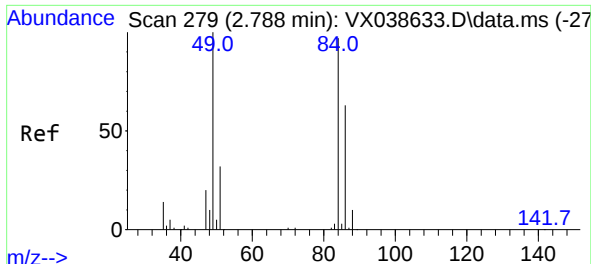
Delta R.T. 0.000 min

Lab File: VX038658.D

Acq: 08 Nov 2023 16:04

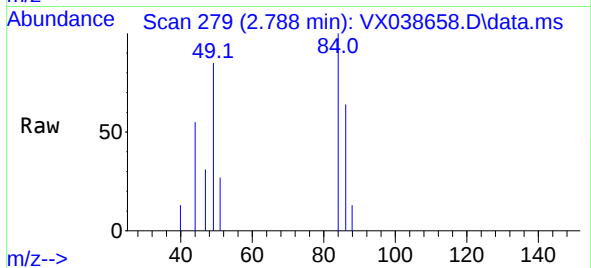
Tgt Ion: 43	Resp: 2576
Ion Ratio	Lower Upper
43 100	
58 22.3	21.9 32.9





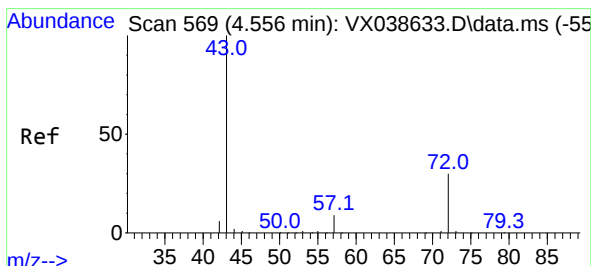
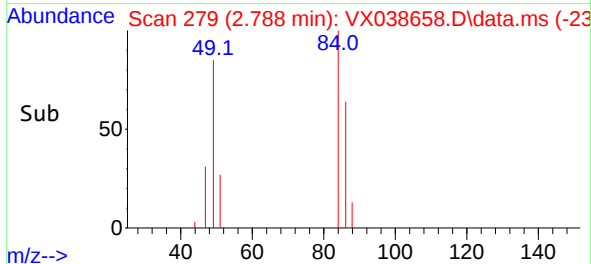
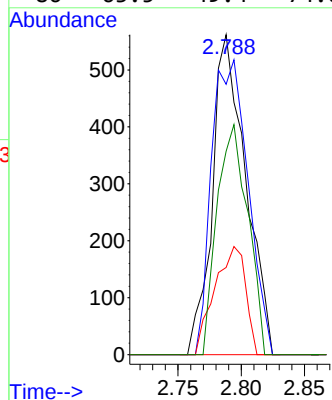
#20
Methylene Chloride
Concen: 0.342 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1032

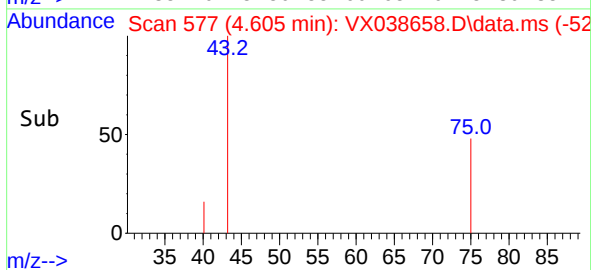
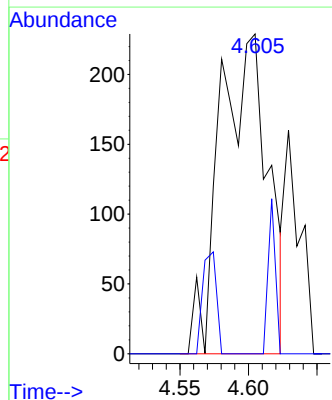
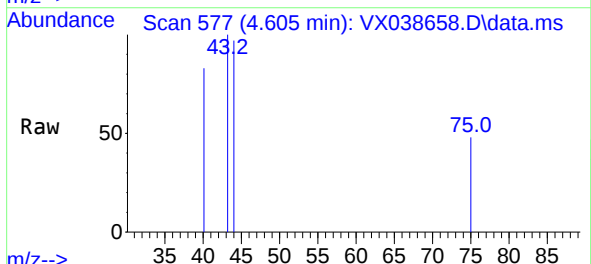
Ion	Ratio	Lower	Upper
84	100		
49	84.5	103.6	155.4#
51	27.2	33.8	50.6#
86	63.5	49.4	74.0

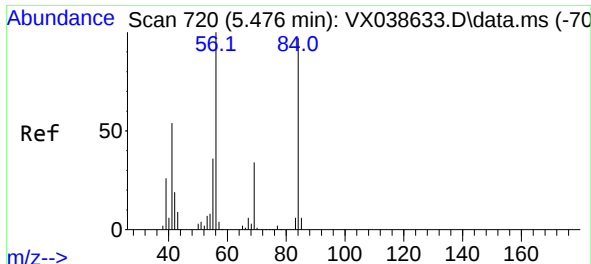


#25
2-Butanone
Concen: 0.256 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.049 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

Tgt Ion: 43 Resp: 554

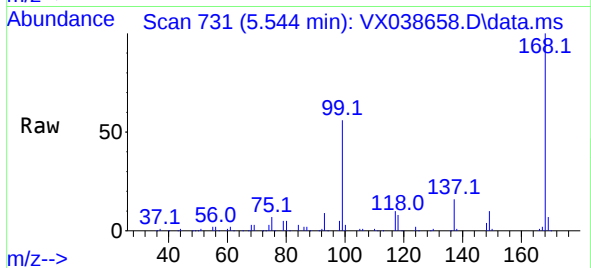
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#



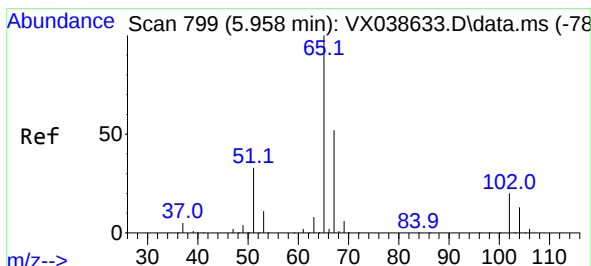
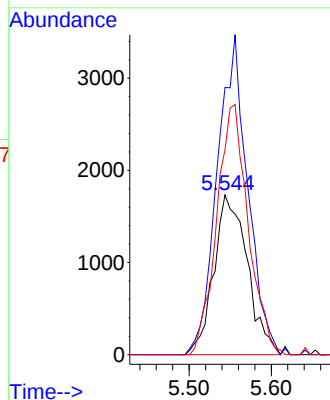
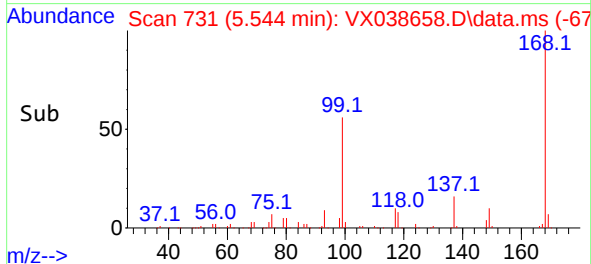


#31
Cyclohexane
Concen: 1.249 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :

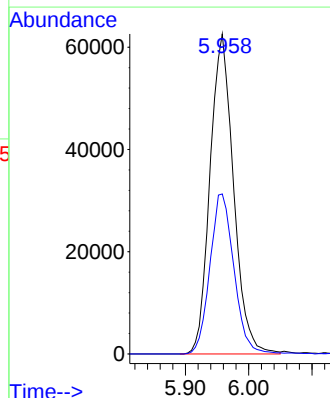
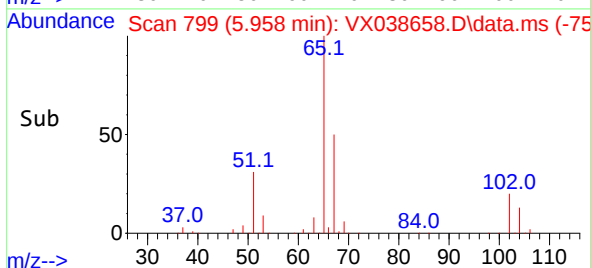
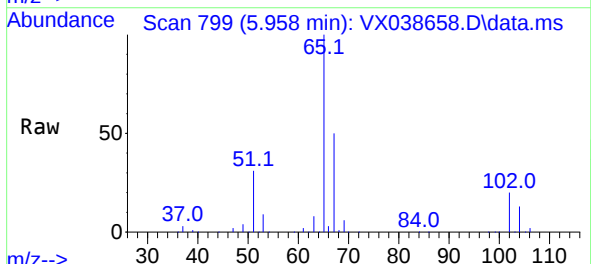


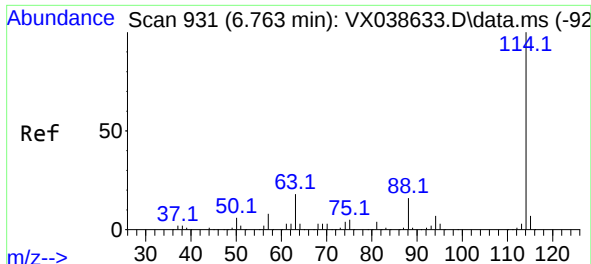
Tgt Ion: 56 Resp: 4906
Ion Ratio Lower Upper
56 100
69 167.4 23.4 35.2#
84 128.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.399 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

Tgt Ion: 65 Resp: 161130
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

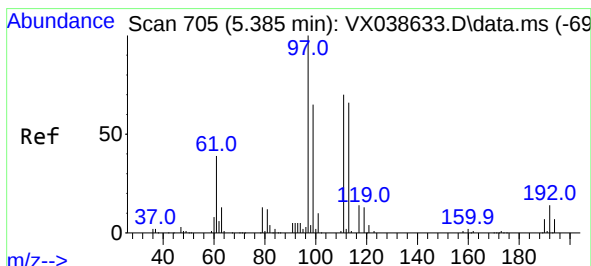
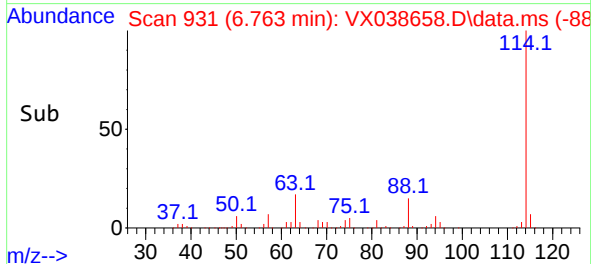
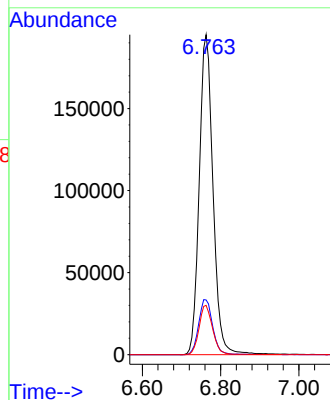
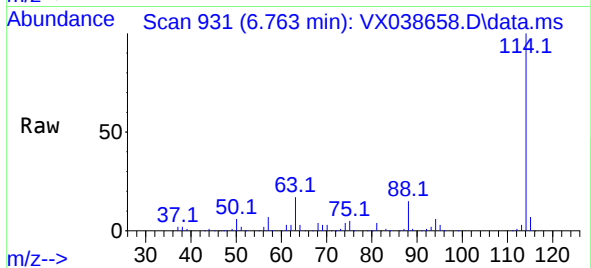




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

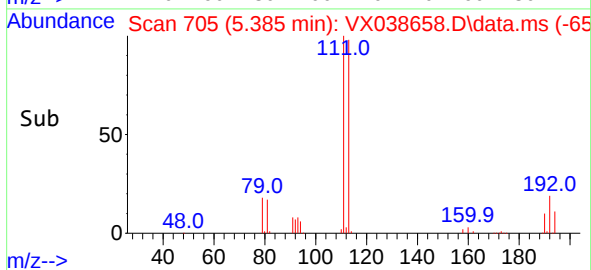
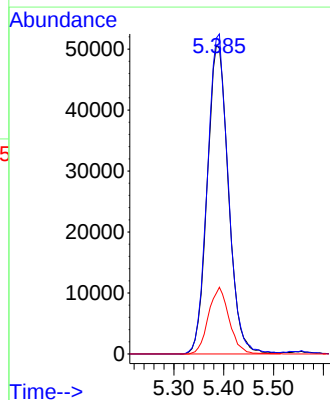
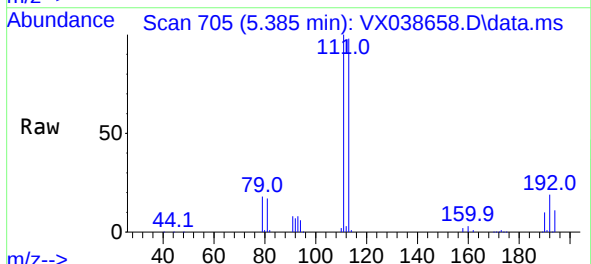
Instrument :
MSVOA_X
ClientSampleId :

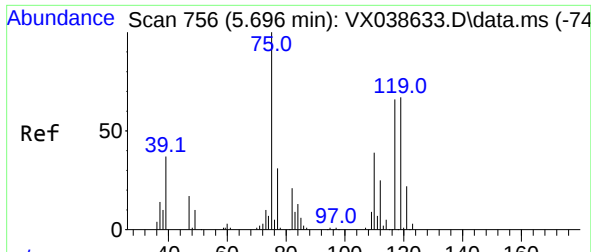
Tgt Ion:114 Resp: 477315
Ion Ratio Lower Upper
114 100
63 17.1 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.478 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

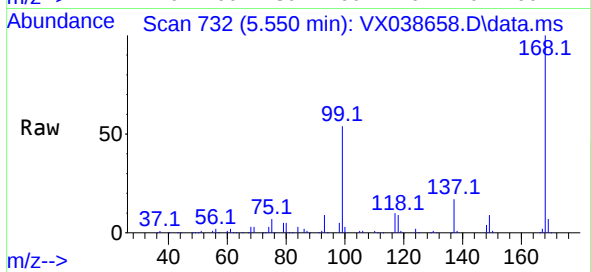
Tgt Ion:113 Resp: 149467
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 21.1 13.3 19.9#



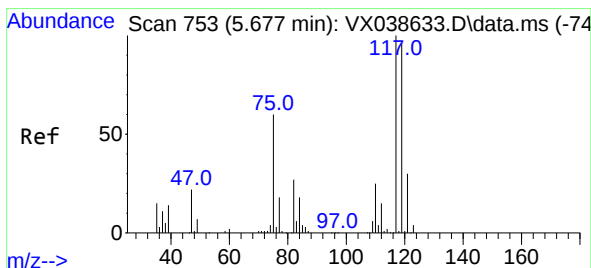
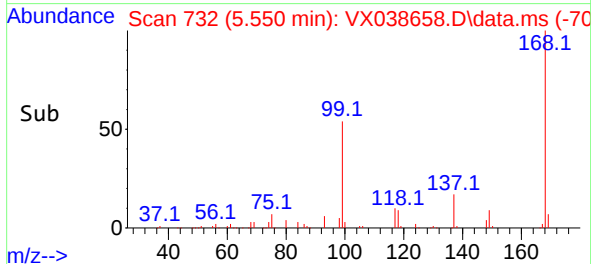
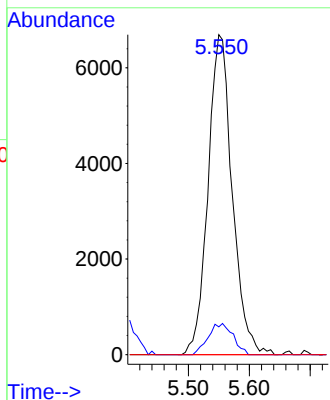


#36
1,1-Dichloropropene
Concen: 4.328 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :

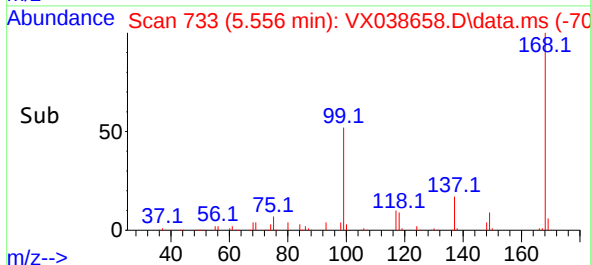
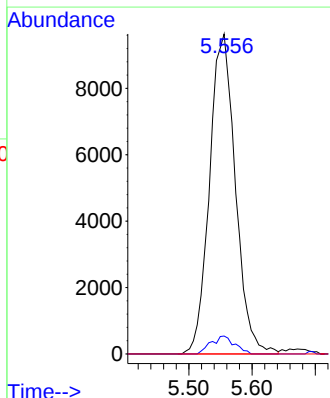
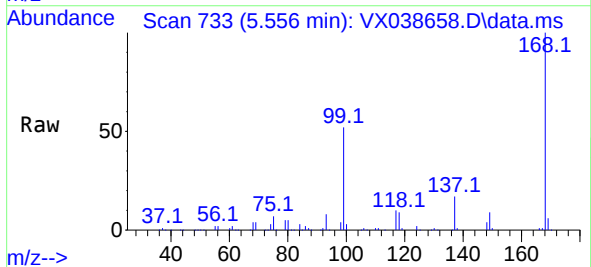


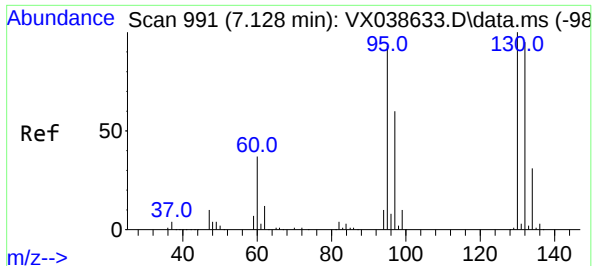
Tgt Ion: 75 Resp: 18484
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.746 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

Tgt Ion: 117 Resp: 27432
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#

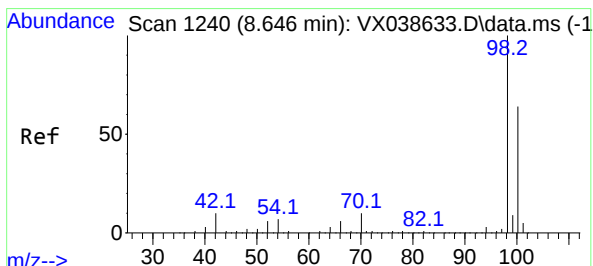
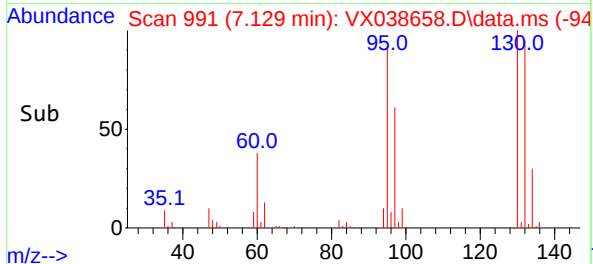
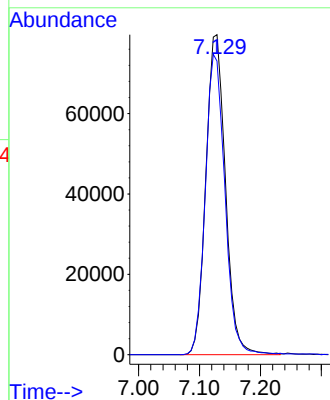
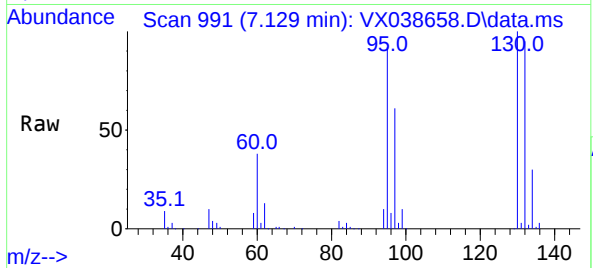




#44
Trichloroethene
Concen: 46.521 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

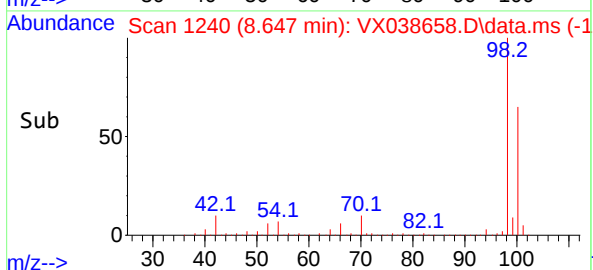
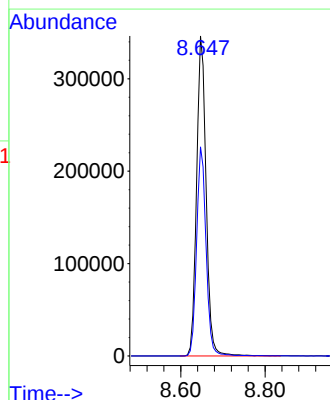
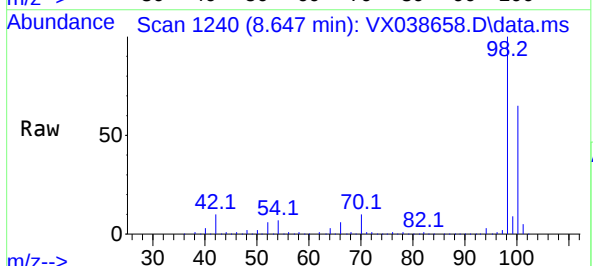
Instrument :
MSVOA_X
ClientSampleId :

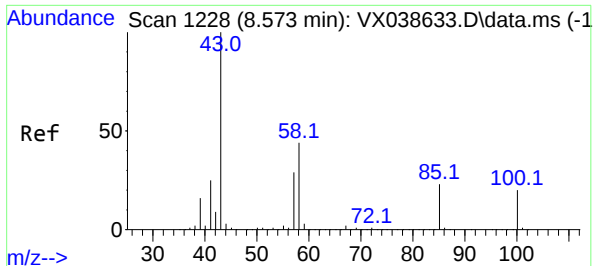
Tgt Ion:130 Resp: 178034
Ion Ratio Lower Upper
130 100
95 91.8 0.0 204.4



#50
Toluene-d8
Concen: 44.198 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

Tgt Ion: 98 Resp: 543707
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.477 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX038658.D

Acq: 08 Nov 2023 16:04

Instrument :

MSVOA_X

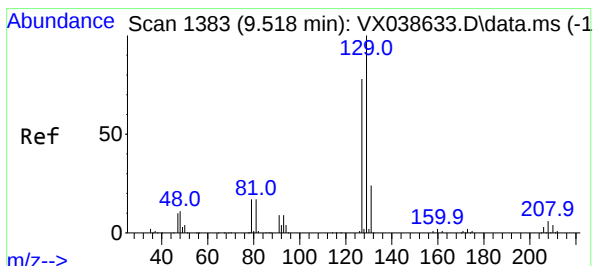
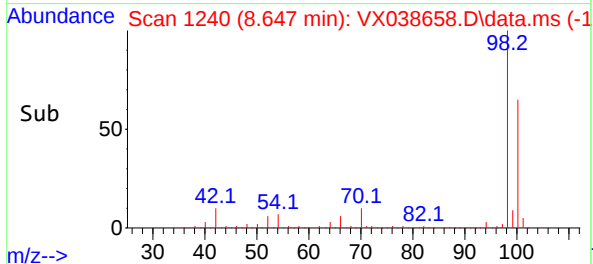
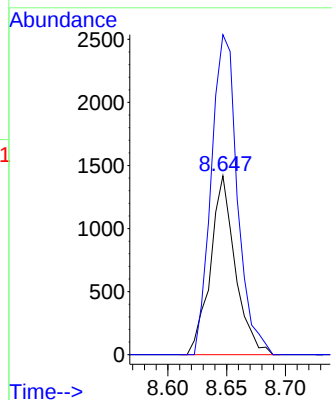
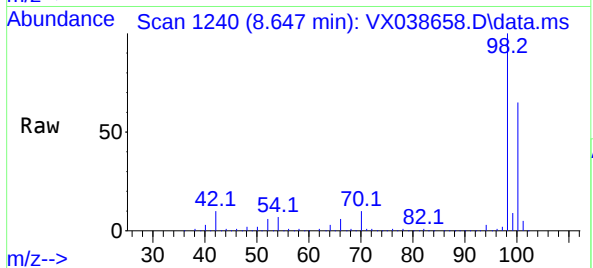
ClientSampleId :

Tgt Ion: 43 Resp: 2085

Ion Ratio Lower Upper

43 100

58 189.0 30.4 45.6#



#60

Dibromochloromethane

Concen: 1.430 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX038658.D

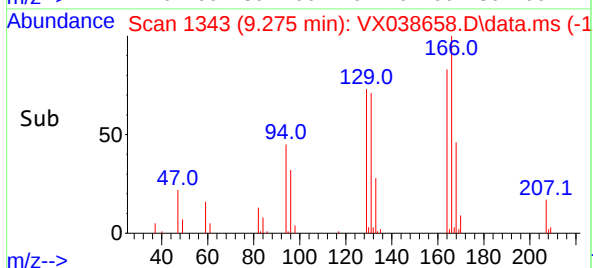
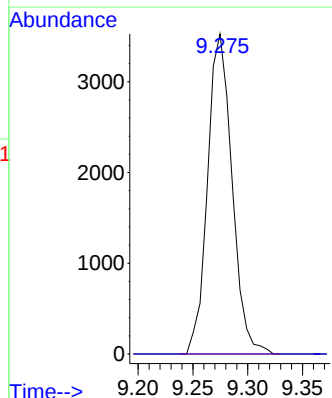
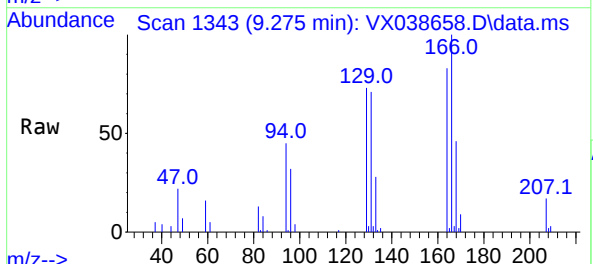
Acq: 08 Nov 2023 16:04

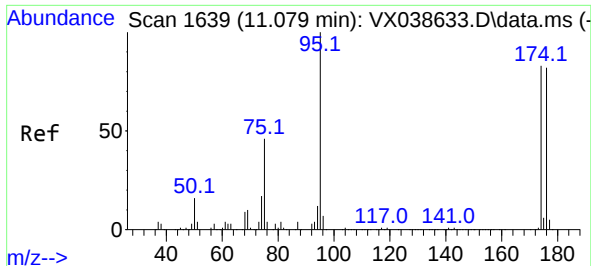
Tgt Ion: 129 Resp: 5487

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

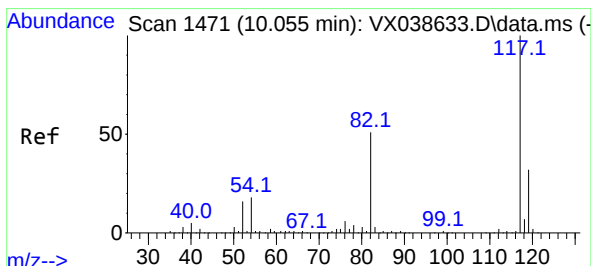
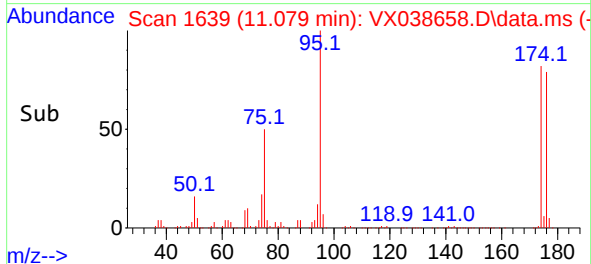
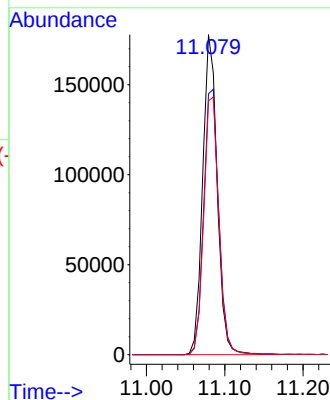
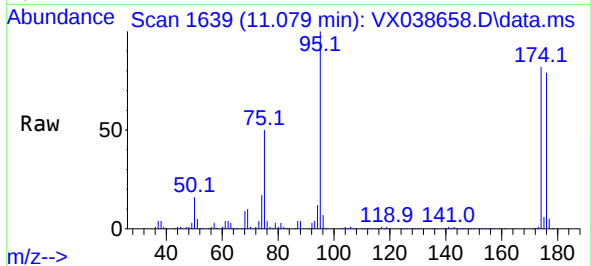




#62
4-Bromofluorobenzene
Concen: 47.913 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

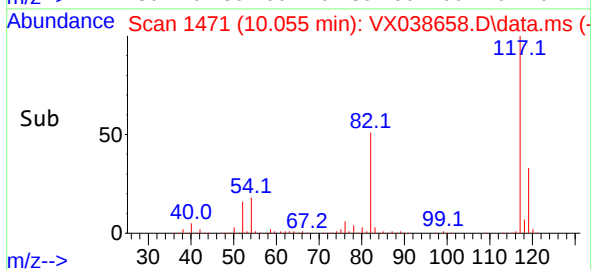
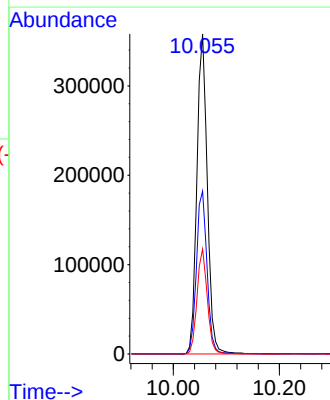
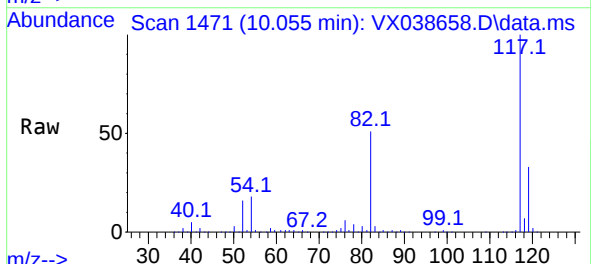
Instrument :
MSVOA_X
ClientSampleId :

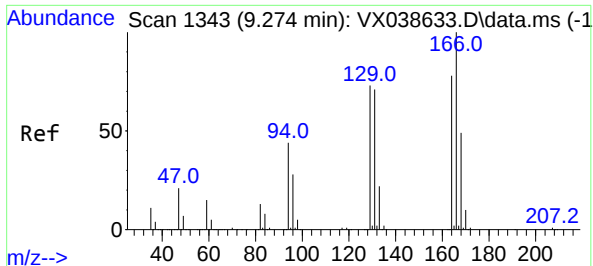
Tgt Ion: 95 Resp: 228522
Ion Ratio Lower Upper
95 100
174 86.9 0.0 135.6
176 83.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

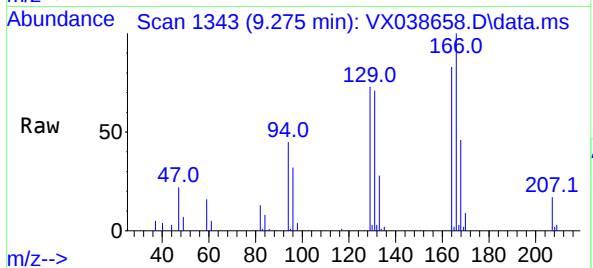
Tgt Ion: 117 Resp: 488151
Ion Ratio Lower Upper
117 100
82 50.9 46.2 69.4
119 32.8 25.5 38.3





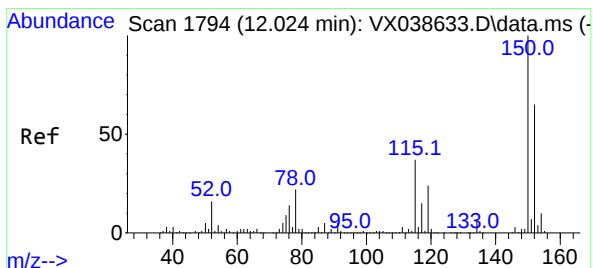
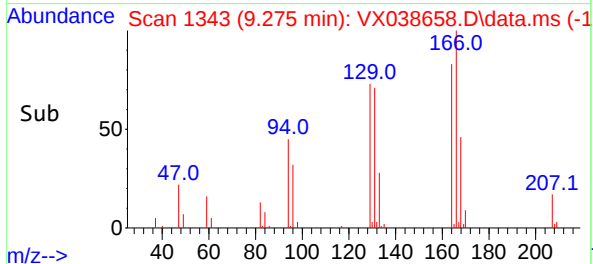
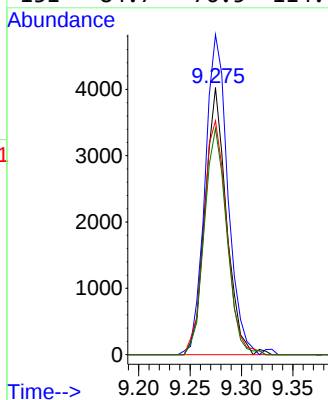
#64
Tetrachloroethene
Concen: 1.602 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:164 Resp: 5853

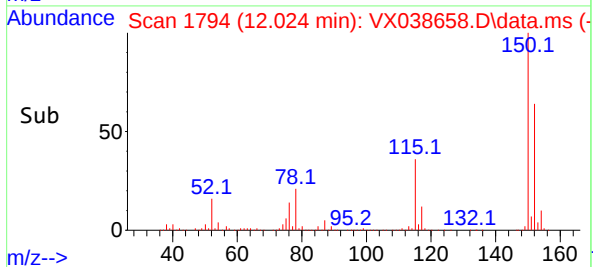
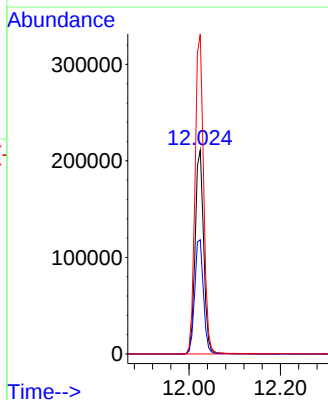
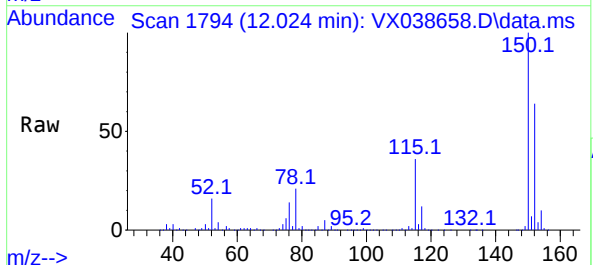
Ion	Ratio	Lower	Upper
164	100		
166	119.8	102.7	154.1
129	87.6	80.4	120.6
131	84.7	76.5	114.7

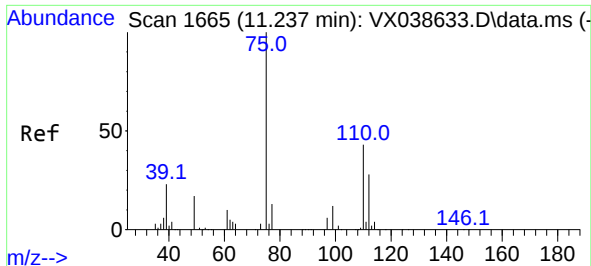


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

Tgt Ion:152 Resp: 274536

Ion	Ratio	Lower	Upper
152	100		
115	57.4	43.3	129.9
150	157.6	0.0	345.0

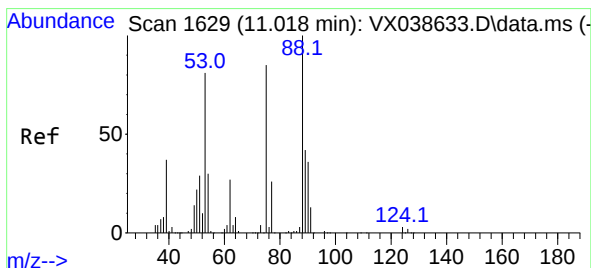
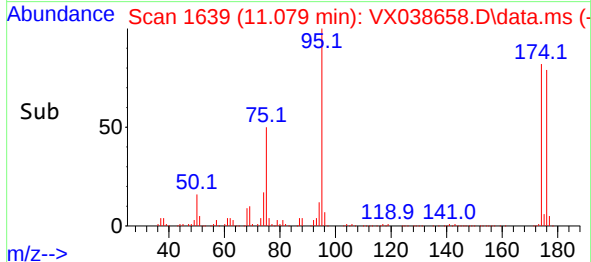
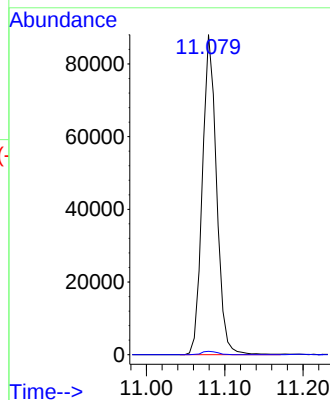
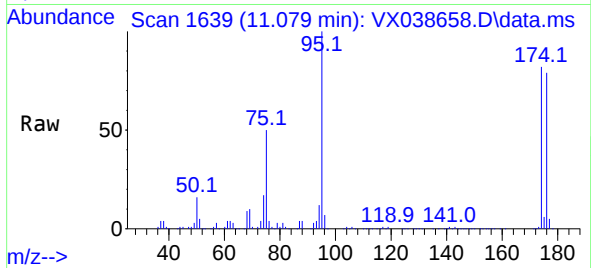




#76
1,2,3-Trichloropropane
Concen: 20.405 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 110944
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.224 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

Tgt Ion: 75 Resp: 110944
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

