

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037733.D
 Acq On : 14 Sep 2023 17:03
 Operator : JC/MD
 Sample : 04390-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 17:43:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

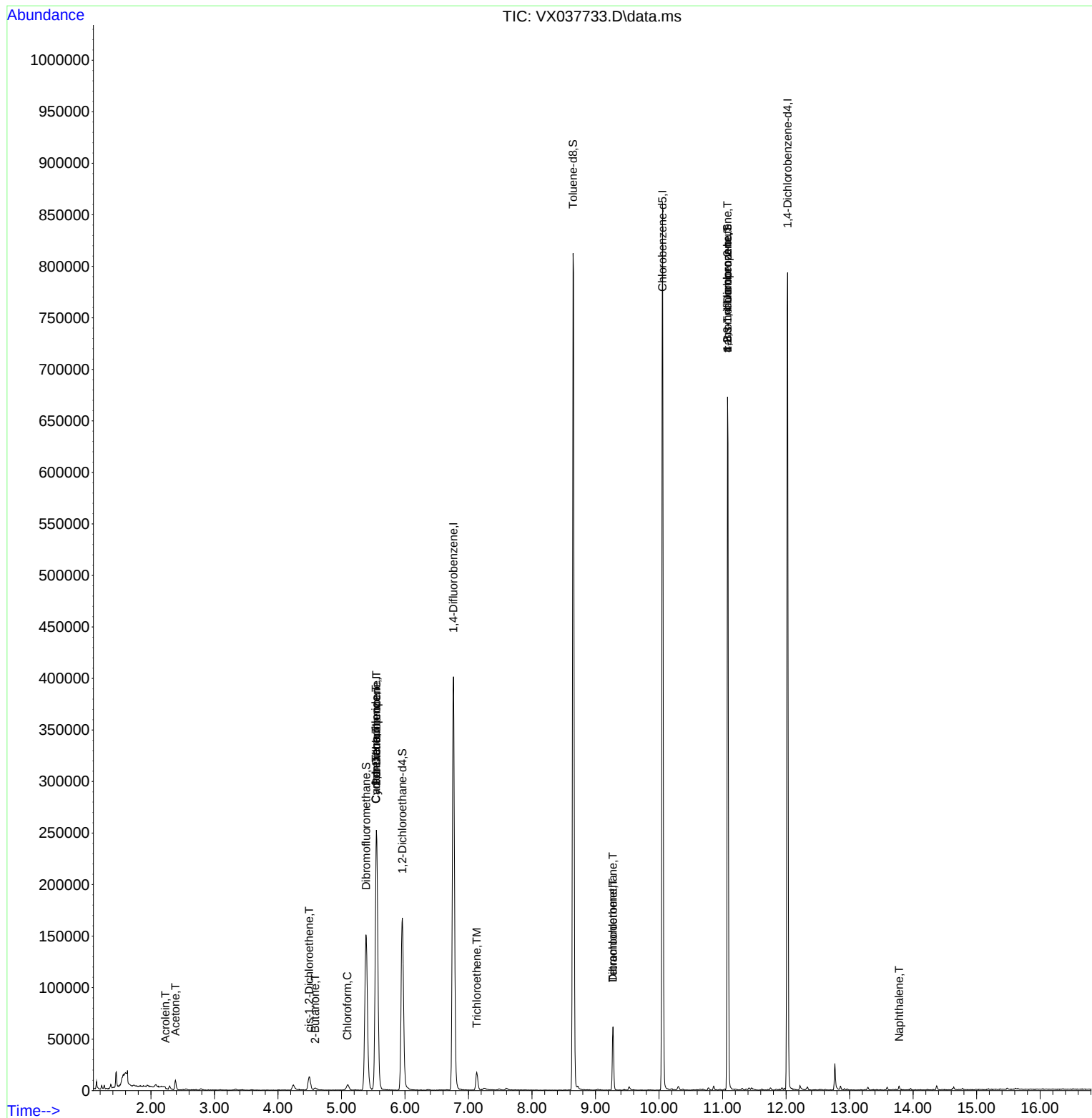
Internal Standards						
1) Pentafluorobenzene	5.550	168	244856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	420744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162625	41.050	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.100%		
35) Dibromofluoromethane	5.385	113	131848	44.210	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.420%		
50) Toluene-d8	8.647	98	503657	44.780	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.560%#		
62) 4-Bromofluorobenzene	11.079	95	180937	44.590	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.180%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	168	Below Cal	#	78
13) Acrolein	2.227	56	250	0.386	ug/l #	41
16) Acetone	2.386	43	9557	5.967	ug/l #	87
20) Methylene Chloride	2.782	84	726	Below Cal	#	75
25) 2-Butanone	4.587	43	4370	1.673	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	8637	2.444	ug/l	80
30) Chloroform	5.093	83	6375	1.054	ug/l	99
31) Cyclohexane	5.544	56	5143	1.127	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19235	4.741	ug/l #	51
38) Carbon Tetrachloride	5.544	117	24992	6.030	ug/l #	16
44) Trichloroethene	7.129	130	6967	2.267	ug/l	91
60) Dibromochloromethane	9.275	129	11401	3.486	ug/l #	11
64) Tetrachloroethene	9.275	164	11168	4.467	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	90859	24.162	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	90859	73.446	ug/l #	5
95) Naphthalene	13.780	128	2676	0.213	ug/l #	93

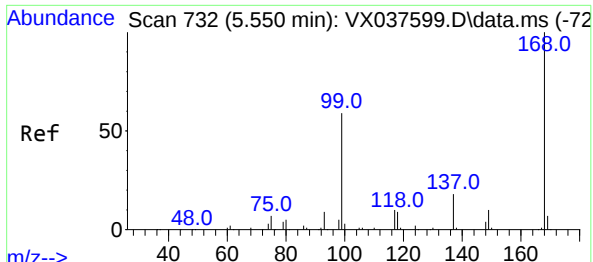
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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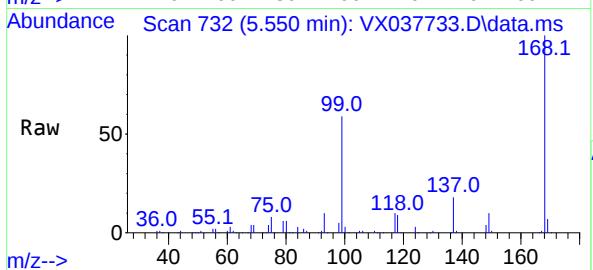
Quant Time: Sep 14 17:43:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration



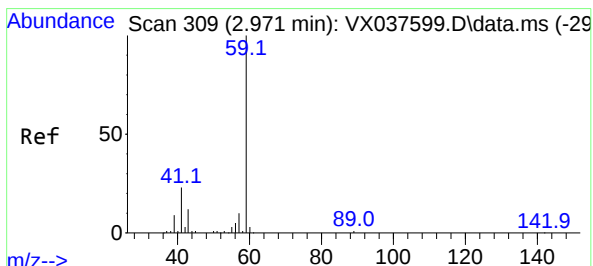
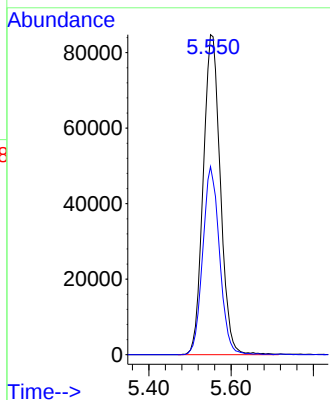
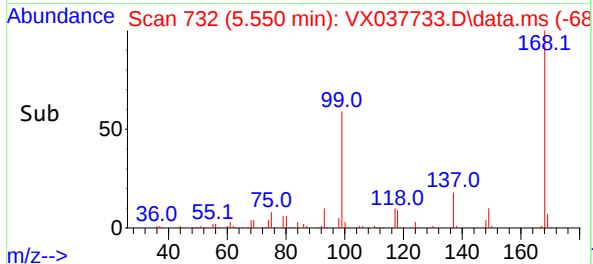


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03

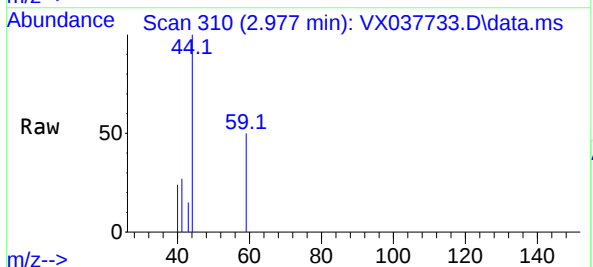
Instrument :
MSVOA_X
ClientSampleId :



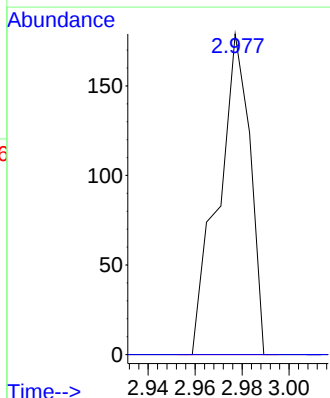
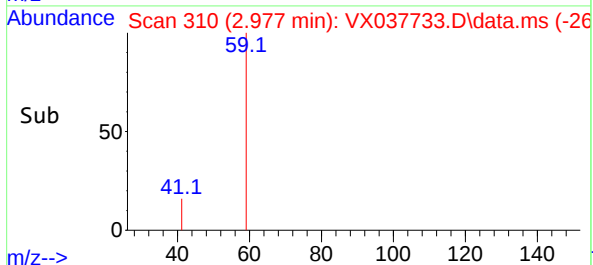
Tgt Ion:168 Resp: 244856
Ion Ratio Lower Upper
168 100
99 58.8 56.6 85.0

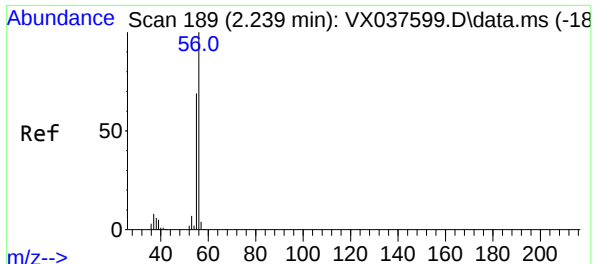


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.977 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03



Tgt Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.386 ug/l

RT: 2.227 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX037733.D

Acq: 14 Sep 2023 17:03

Instrument :

MSVOA_X

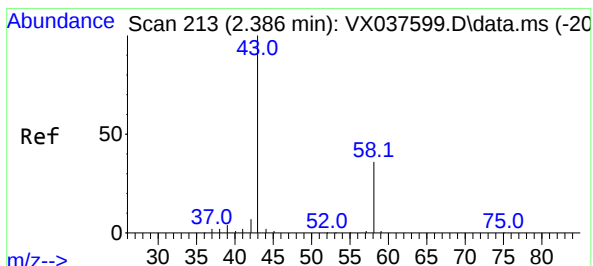
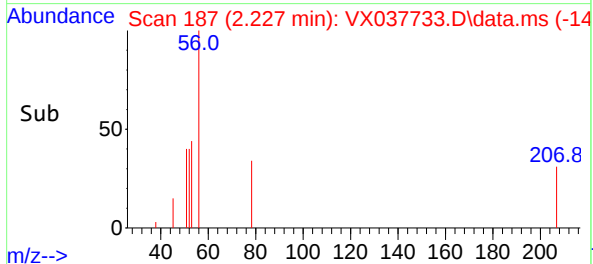
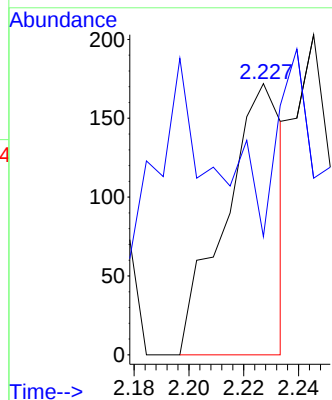
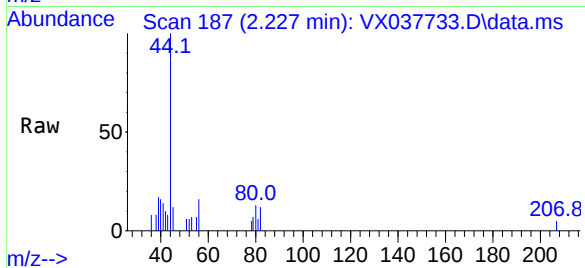
ClientSampleId :

Tgt Ion: 56 Resp: 250

Ion Ratio Lower Upper

56 100

55 120.0 57.1 85.7#



#16

Acetone

Concen: 5.967 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX037733.D

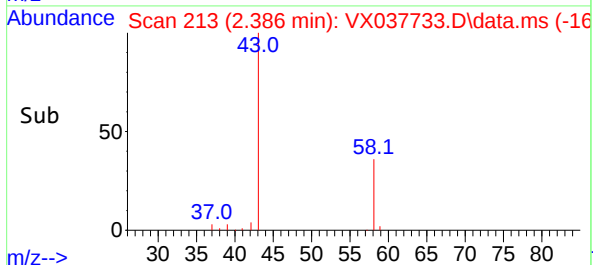
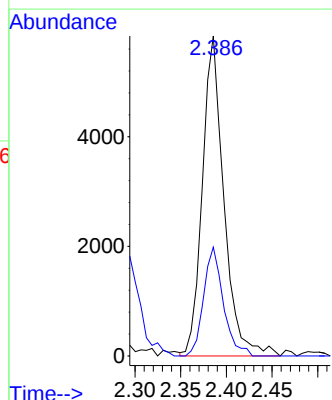
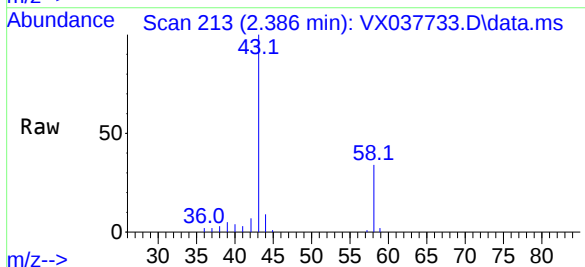
Acq: 14 Sep 2023 17:03

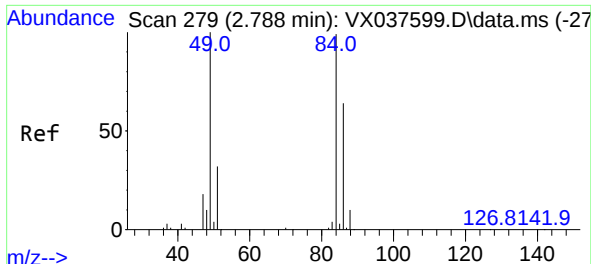
Tgt Ion: 43 Resp: 9557

Ion Ratio Lower Upper

43 100

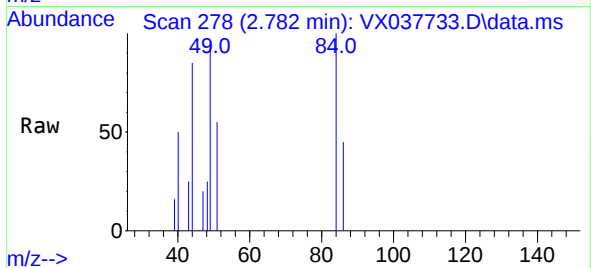
58 34.0 21.9 32.9#





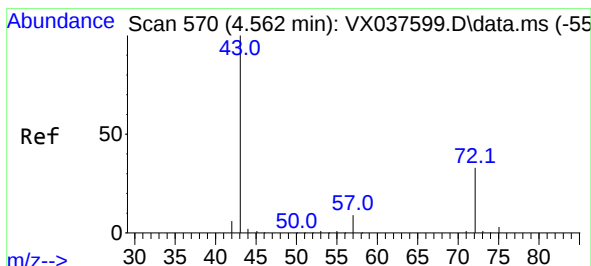
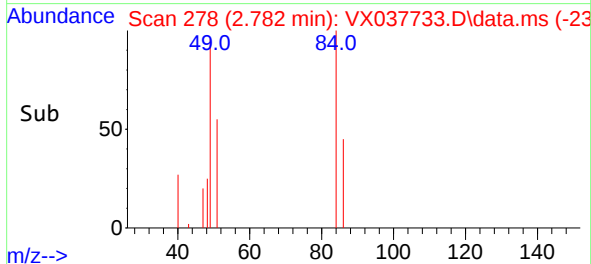
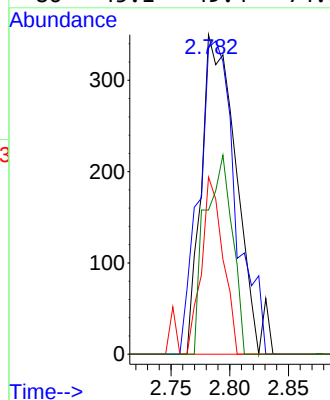
#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 726

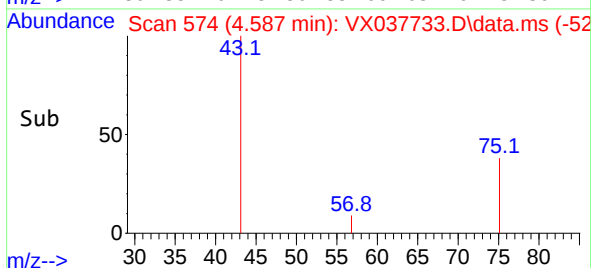
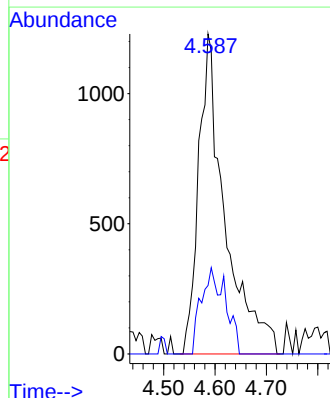
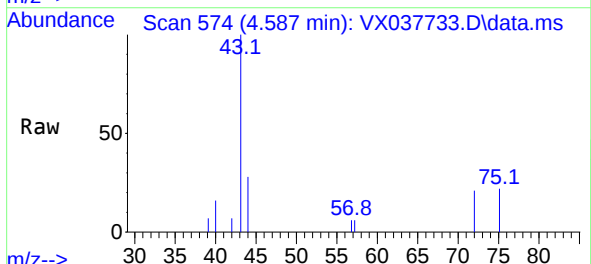
Ion	Ratio	Lower	Upper
84	100		
49	96.0	103.6	155.4#
51	55.4	33.8	50.6#
86	45.1	49.4	74.0#

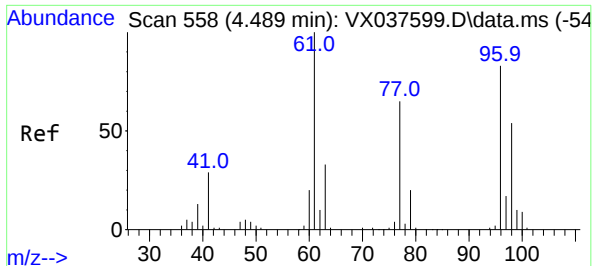


#25
2-Butanone
Concen: 1.673 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03

Tgt Ion: 43 Resp: 4370

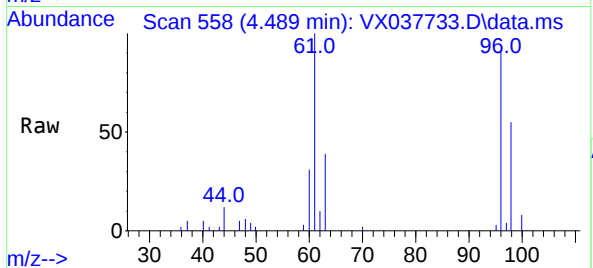
Ion	Ratio	Lower	Upper
43	100		
72	21.4	19.4	29.2





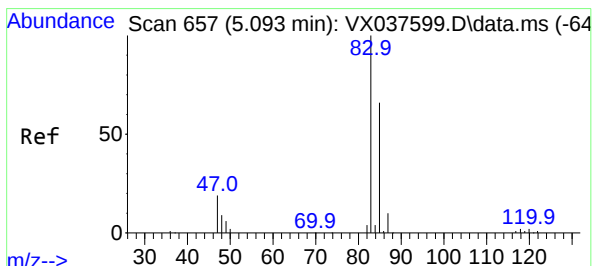
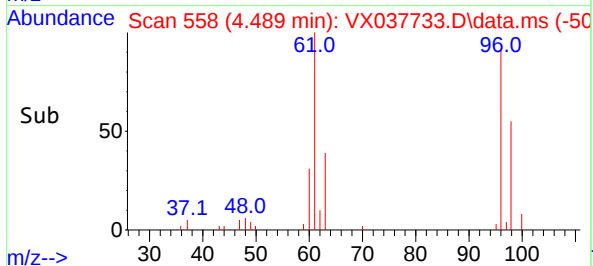
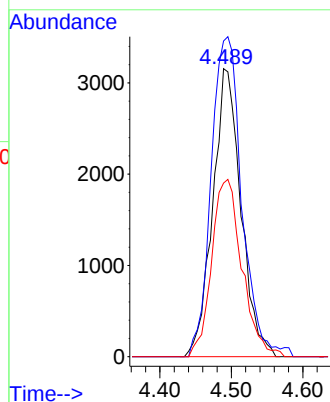
#27
 cis-1,2-Dichloroethene
 Concen: 2.444 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX037733.D
 Acq: 14 Sep 2023 17:03

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 96 Resp: 8637

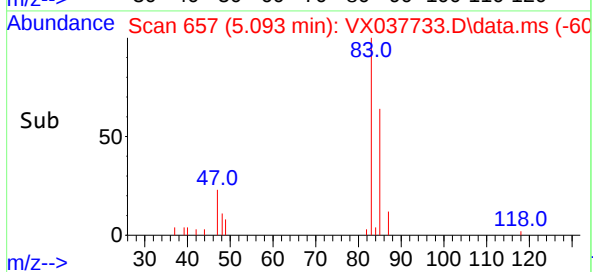
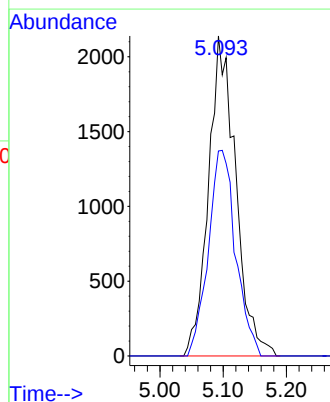
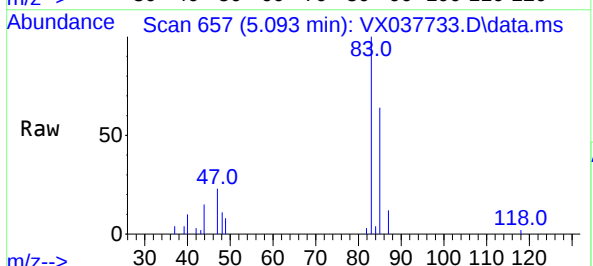
Ion	Ratio	Lower	Upper
96	100		
61	121.1	0.0	312.2
98	66.2	0.0	129.0

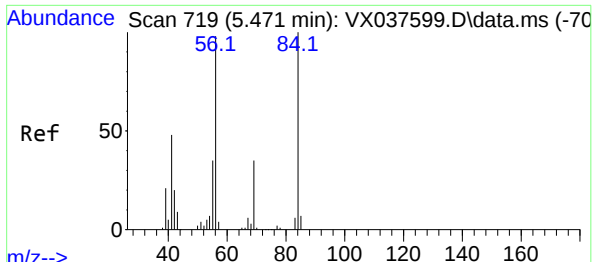


#30
 Chloroform
 Concen: 1.054 ug/l
 RT: 5.093 min Scan# 657
 Delta R.T. -0.000 min
 Lab File: VX037733.D
 Acq: 14 Sep 2023 17:03

Tgt Ion: 83 Resp: 6375

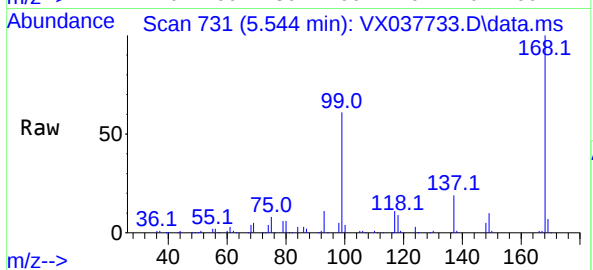
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.3	75.5



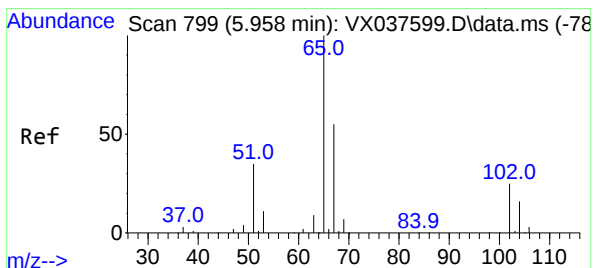
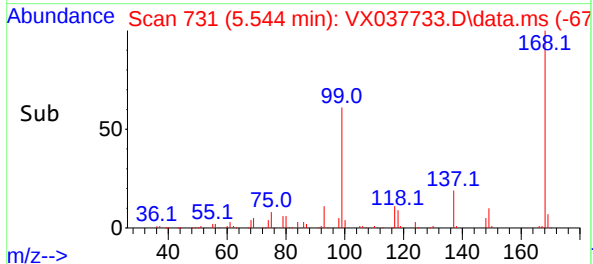
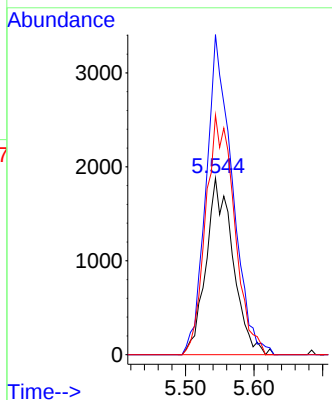


#31
Cyclohexane
Concen: 1.127 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03

Instrument :
MSVOA_X
ClientSampleId :

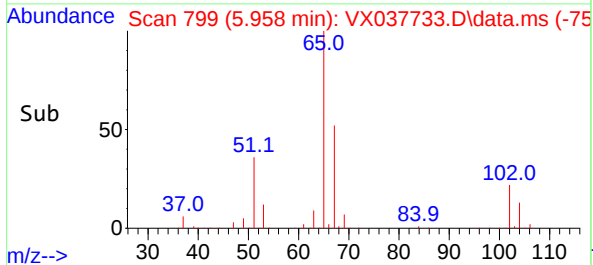
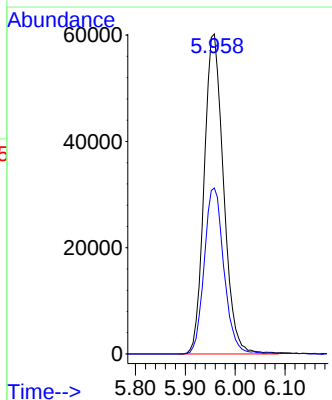
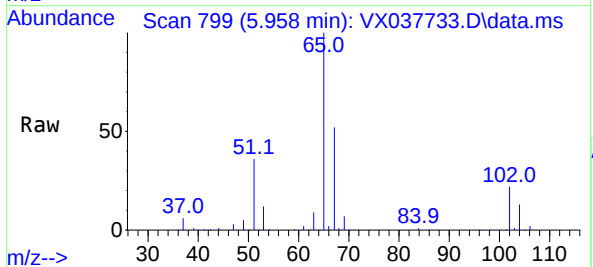


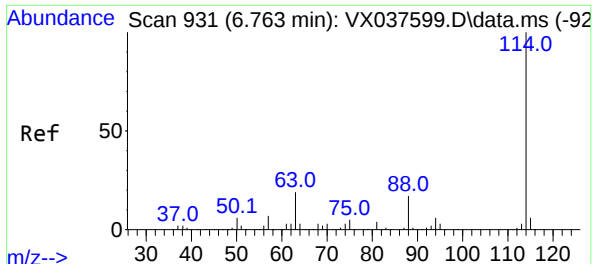
Tgt Ion: 56 Resp: 5143
Ion Ratio Lower Upper
56 100
69 181.3 23.4 35.2#
84 135.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.050 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03

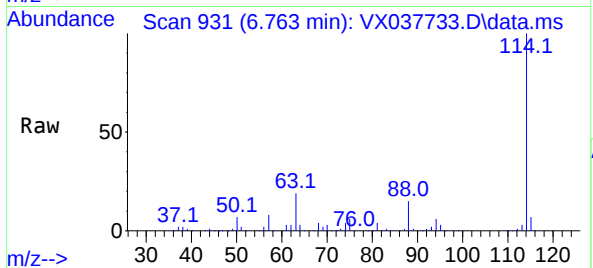
Tgt Ion: 65 Resp: 162625
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2



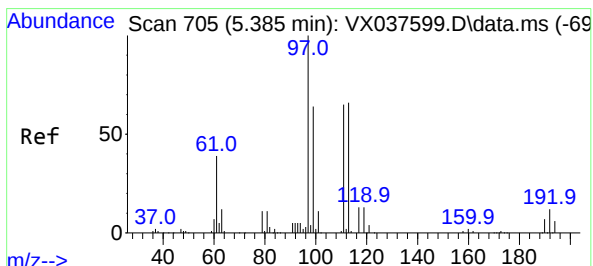
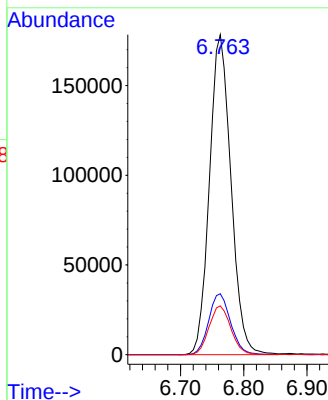
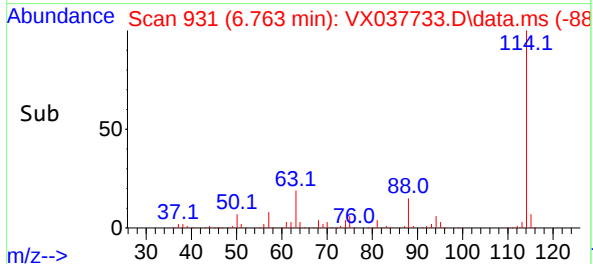


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03

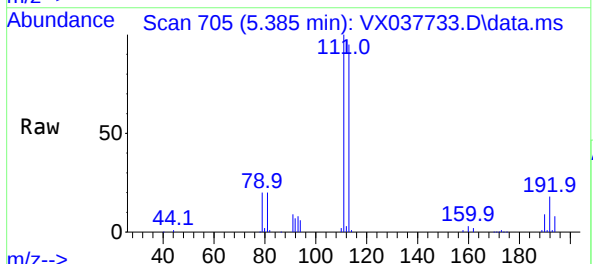
Instrument :
MSVOA_X
ClientSampleId :



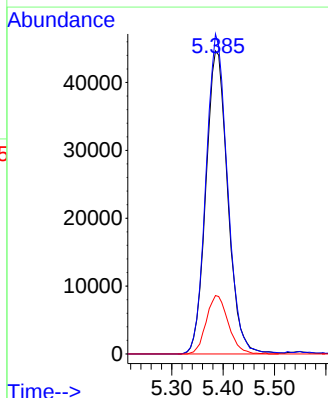
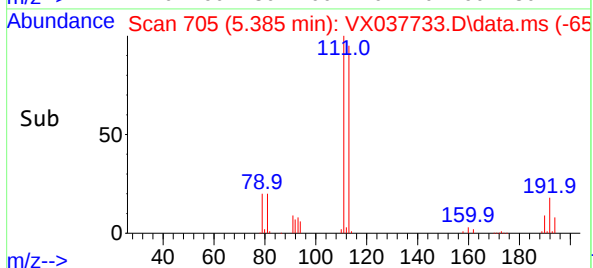
Tgt Ion:114 Resp: 420744
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.3 0.0 36.6

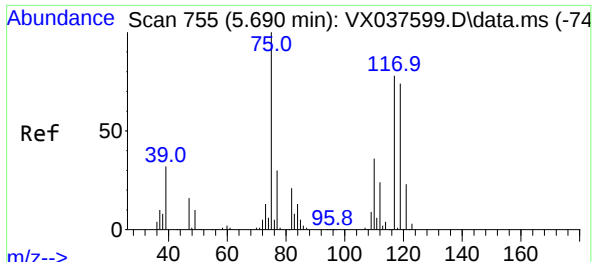


#35
Dibromofluoromethane
Concen: 44.210 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03



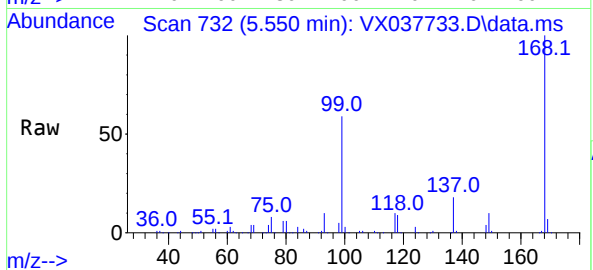
Tgt Ion:113 Resp: 131848
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 19.4 13.3 19.9



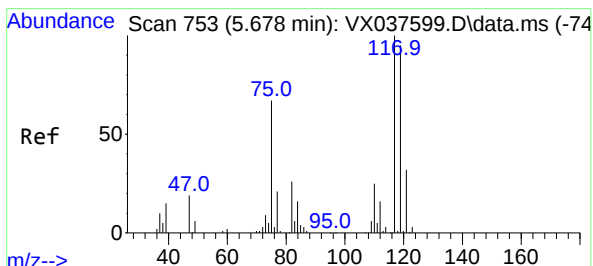
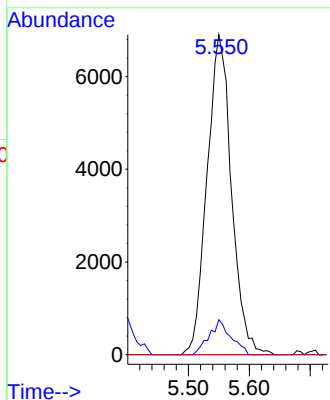
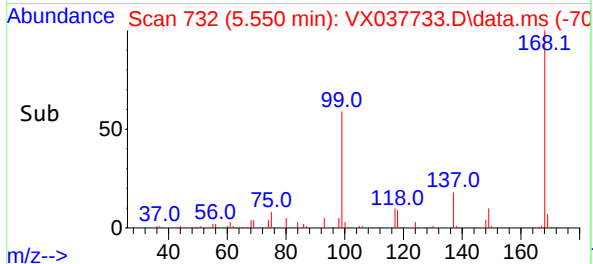


#36
1,1-Dichloropropene
Concen: 4.741 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03

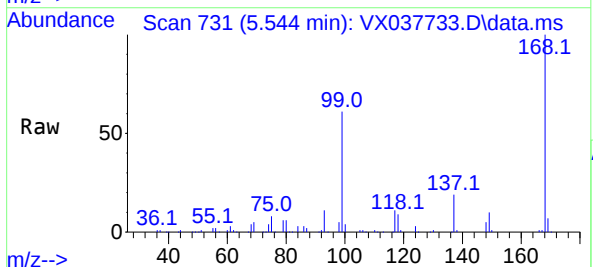
Instrument :
MSVOA_X
ClientSampleId :



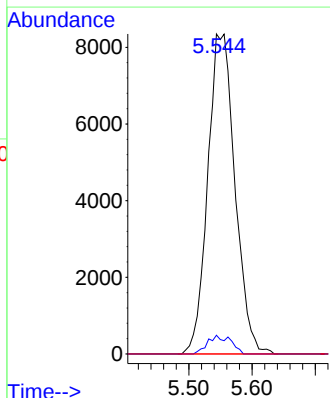
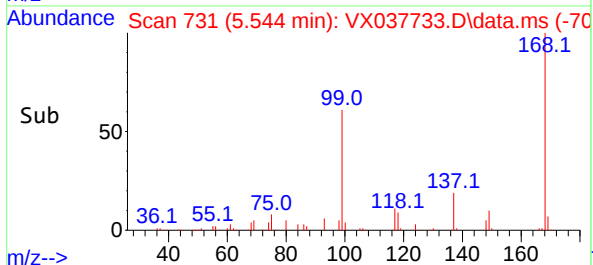
Tgt Ion: 75 Resp: 19235
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#

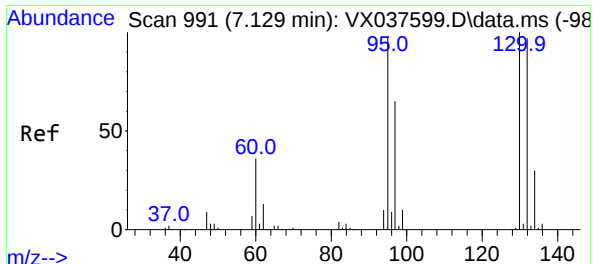


#38
Carbon Tetrachloride
Concen: 6.030 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03



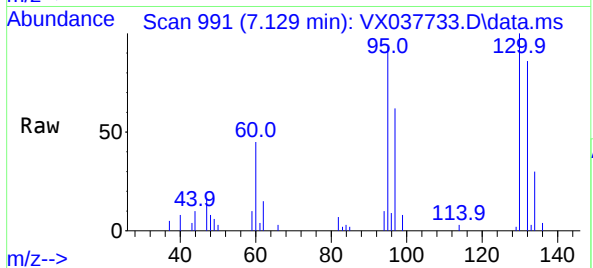
Tgt Ion: 117 Resp: 24992
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#



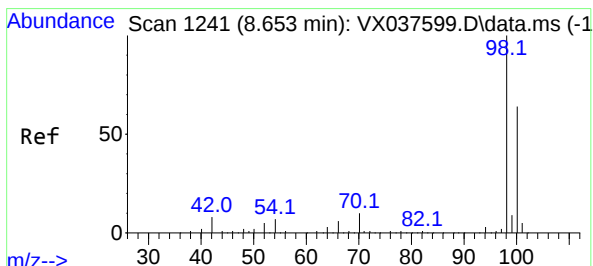
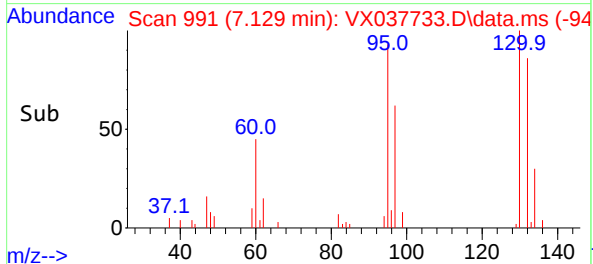
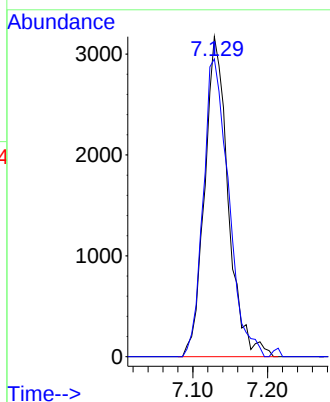


#44
Trichloroethene
Concen: 2.267 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03

Instrument :
MSVOA_X
ClientSampleId :

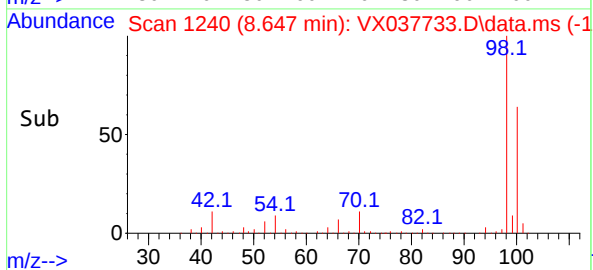
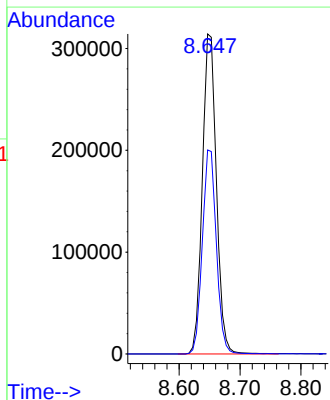
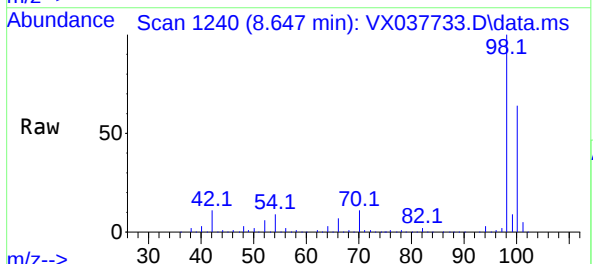


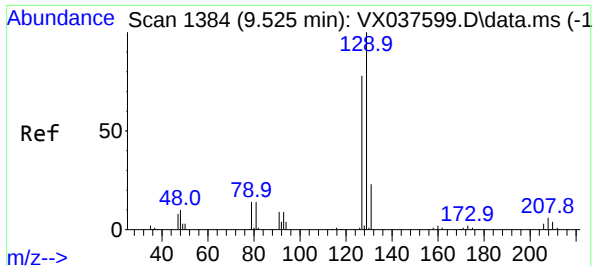
Tgt Ion:130 Resp: 6967
Ion Ratio Lower Upper
130 100
95 93.0 0.0 204.4



#50
Toluene-d8
Concen: 44.780 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03

Tgt Ion: 98 Resp: 503657
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

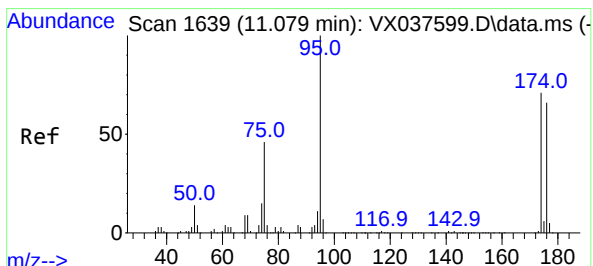
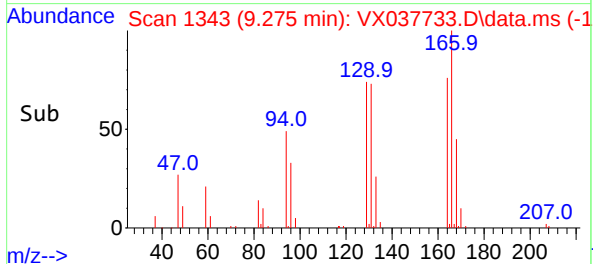
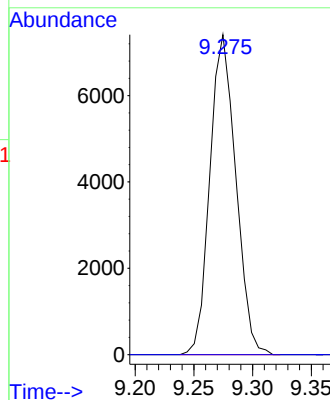
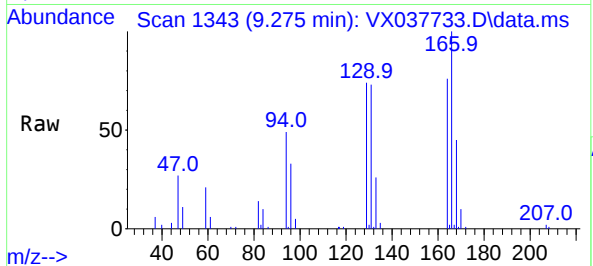




#60
Dibromochloromethane
Concen: 3.486 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03

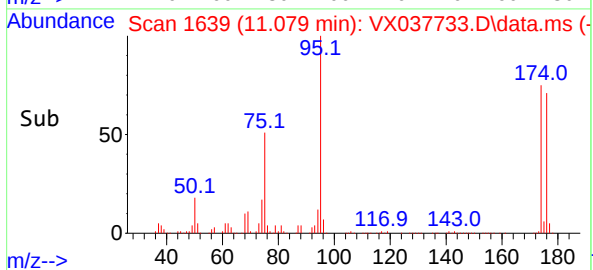
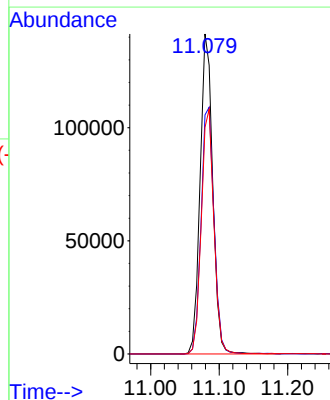
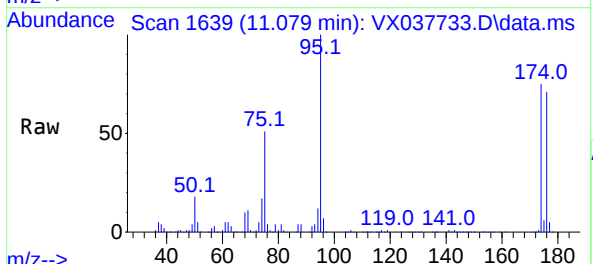
Instrument :
MSVOA_X
ClientSampleId :

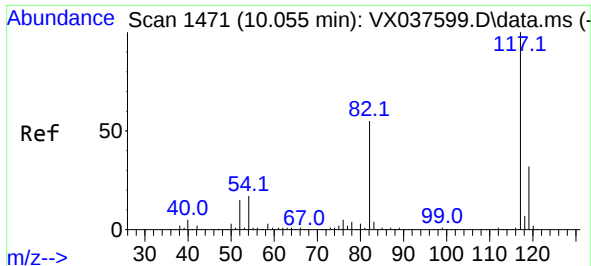
Tgt Ion:129 Resp: 11401
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 44.590 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03

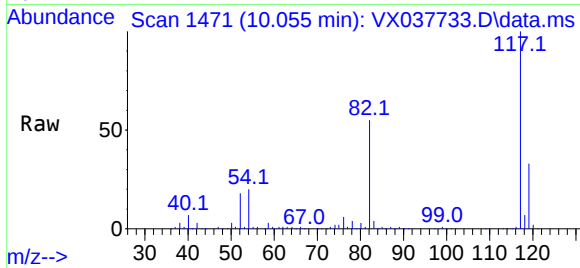
Tgt Ion: 95 Resp: 180937
Ion Ratio Lower Upper
95 100
174 79.3 0.0 135.6
176 76.4 0.0 131.0



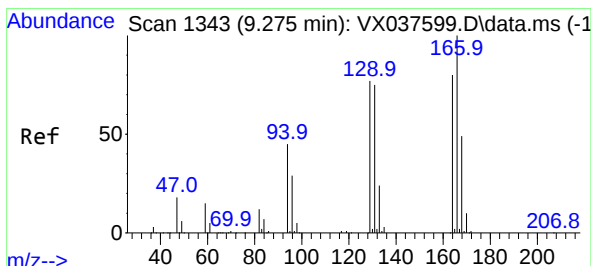
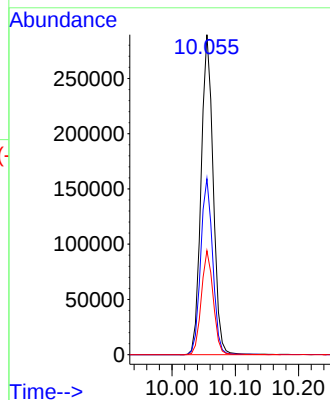
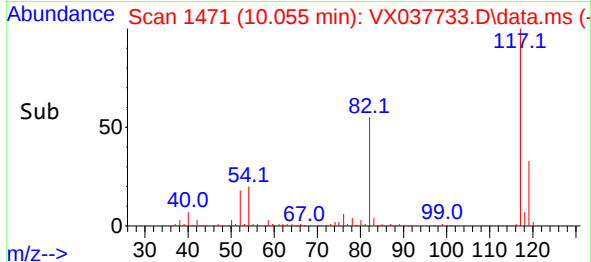


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03

Instrument :
MSVOA_X
ClientSampleId :

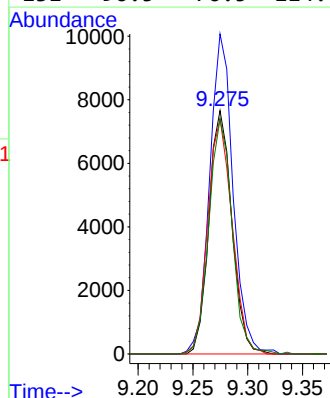
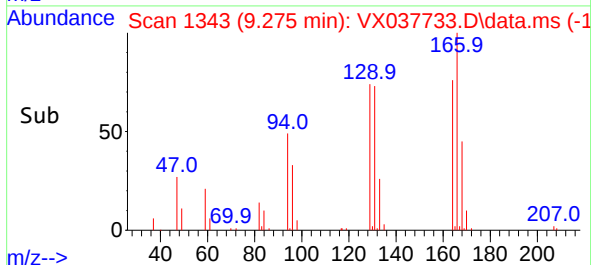
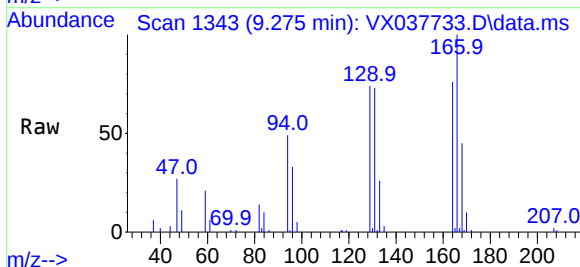


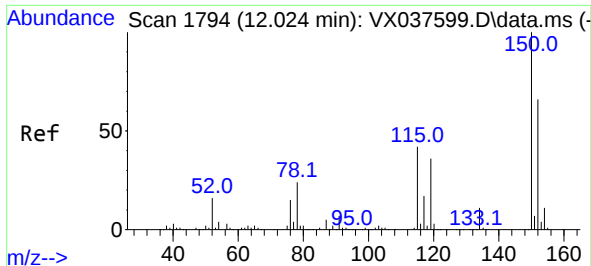
Tgt Ion:117 Resp: 385834
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 4.467 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03

Tgt Ion:164 Resp: 11168
Ion Ratio Lower Upper
164 100
166 131.5 102.7 154.1
129 96.7 80.4 120.6
131 96.5 76.5 114.7

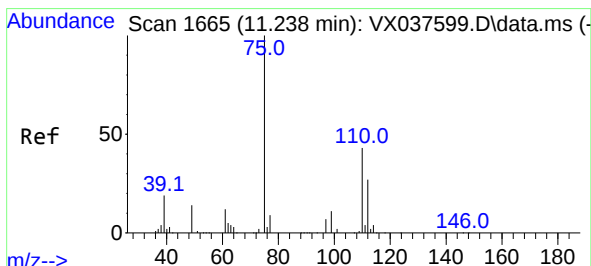
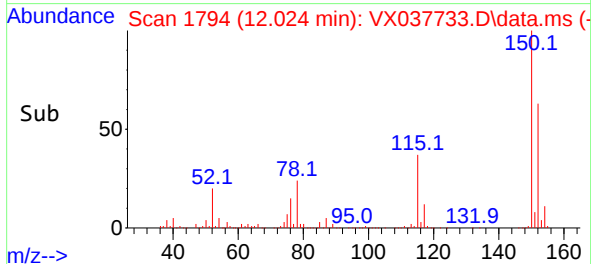
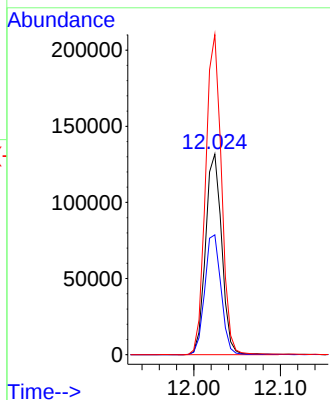
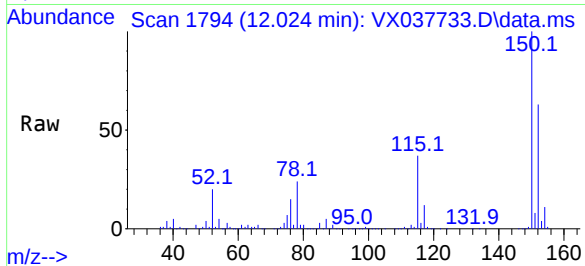




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03

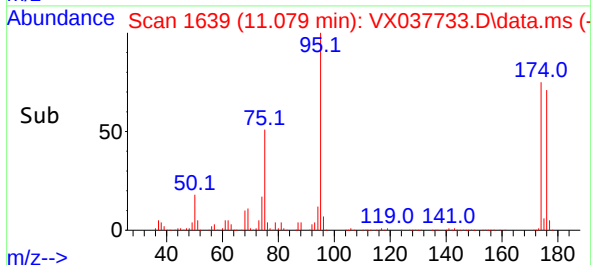
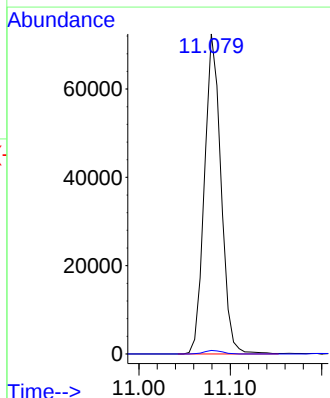
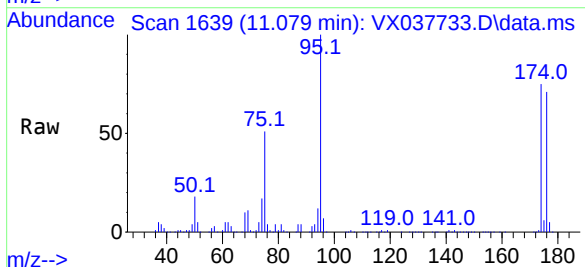
Instrument :
MSVOA_X
ClientSampleId :

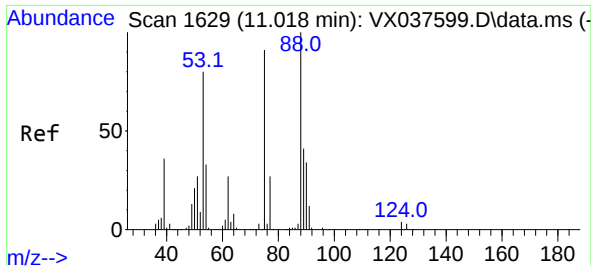
Tgt Ion:152 Resp: 171047
Ion Ratio Lower Upper
152 100
115 60.3 43.3 129.9
150 156.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.162 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03

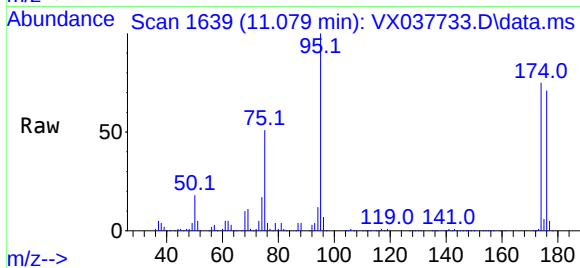
Tgt Ion: 75 Resp: 90859
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



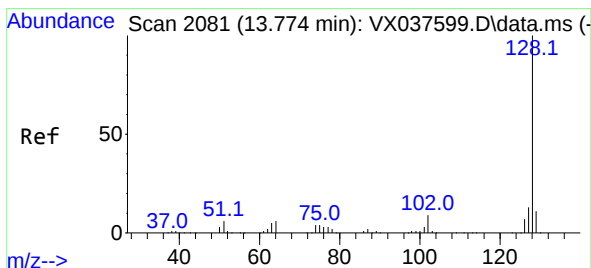
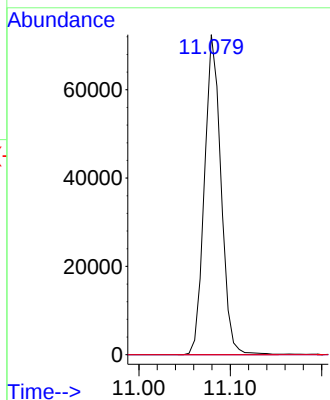
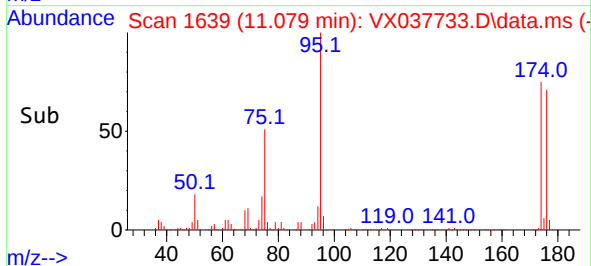


#81
trans-1,4-Dichloro-2-butene
Concen: 73.446 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 90859
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.213 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX037733.D
Acq: 14 Sep 2023 17:03

Tgt Ion: 128 Resp: 2676
Ion Ratio Lower Upper
128 100
127 16.4 10.3 15.5#
129 12.5 8.8 13.2

