

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031951.D
 Acq On : 07 Oct 2022 10:45
 Operator : JC/MD
 Sample : VX1007WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBL01

Quant Time: Oct 08 05:07:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

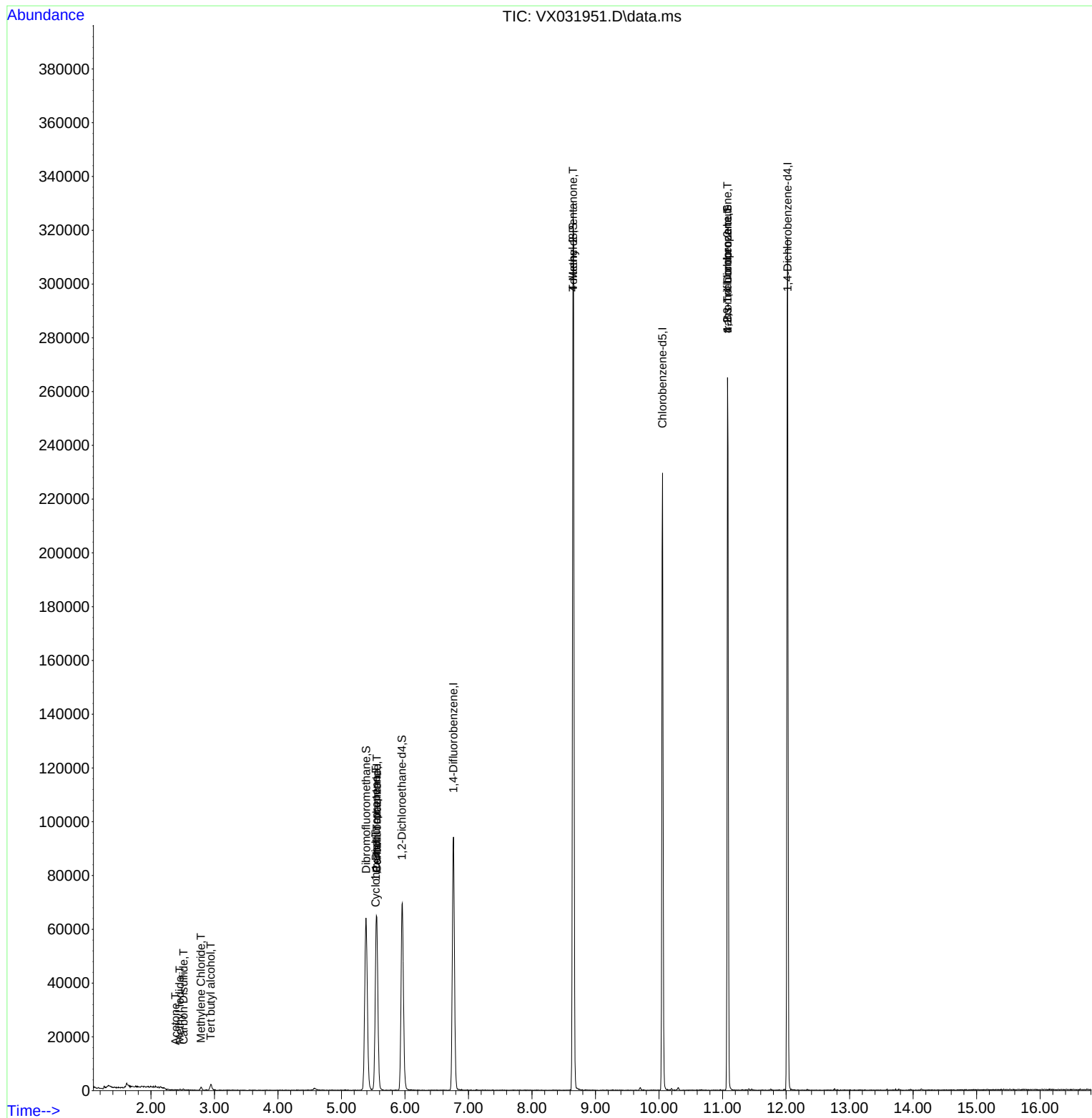
Internal Standards						
1) Pentafluorobenzene	5.556	168	63164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	98894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65163	49.954	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.900%		
35) Dibromofluoromethane	5.385	113	54841	48.990	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.980%		
50) Toluene-d8	8.647	98	196853	48.870	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.740%		
62) 4-Bromofluorobenzene	11.079	95	68516	48.114	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.220%		
Target Compounds						
5) Bromomethane	1.611	94	385	Below Cal	Qvalue 100	
10) Methyl Iodide	2.453	142	376	3.089 ug/l #	68	
11) Tert butyl alcohol	2.940	59	1350	8.318 ug/l #	73	
16) Acetone	2.386	43	157	0.354 ug/l #	45	
17) Carbon Disulfide	2.514	76	429	0.208 ug/l #	75	
20) Methylene Chloride	2.788	84	502	0.431 ug/l #	77	
31) Cyclohexane	5.538	56	1258	0.807 ug/l #	56	
36) 1,1-Dichloropropene	5.544	75	4991	3.362 ug/l #	50	
38) Carbon Tetrachloride	5.556	117	6658	4.387 ug/l #	16	
51) 4-Methyl-2-Pentanone	8.647	43	902	0.642 ug/l #	1	
76) 1,2,3-Trichloropropane	11.079	75	35400	26.382 ug/l #	37	
81) trans-1,4-Dichloro-2-b...	11.079	75	35400	90.481 ug/l #	11	

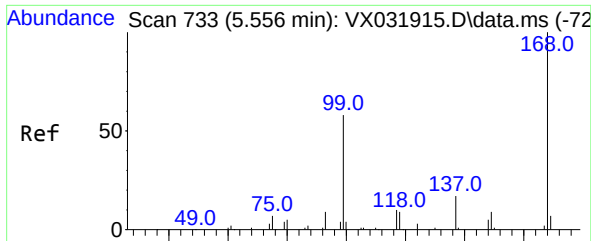
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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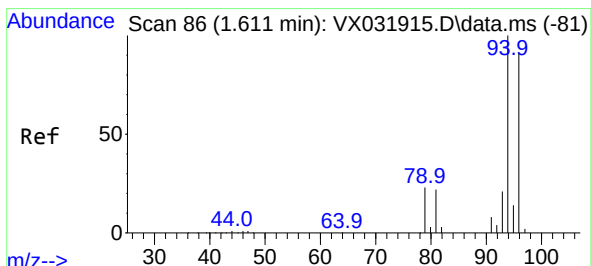
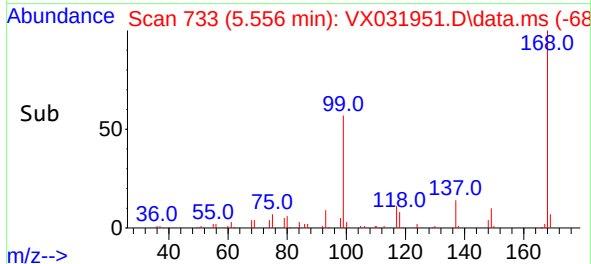
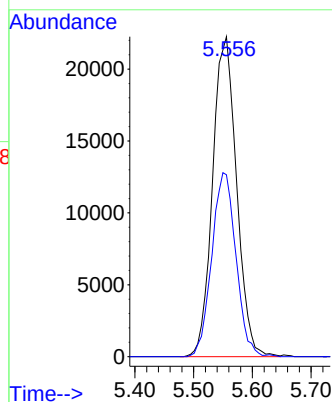
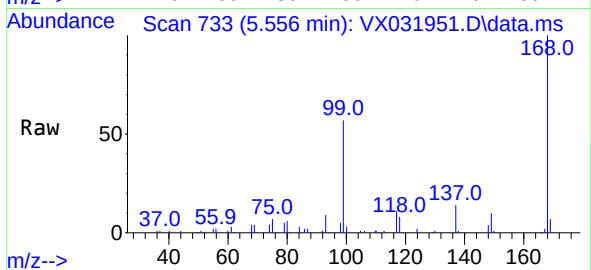




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031951.D
Acq: 07 Oct 2022 10:45

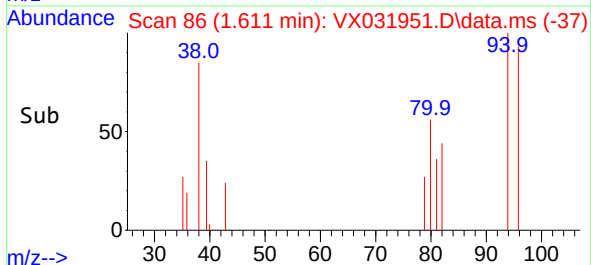
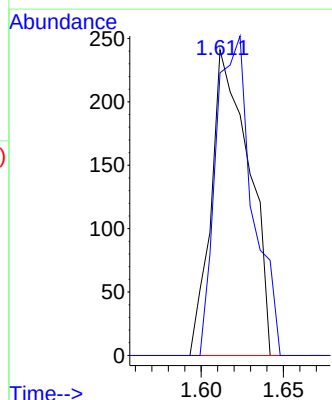
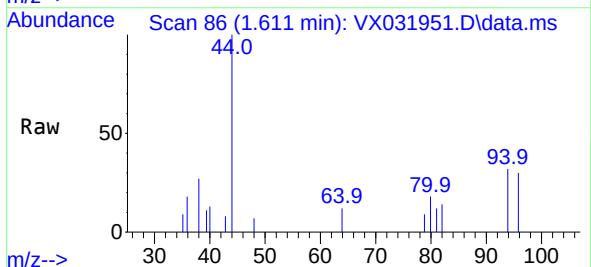
Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

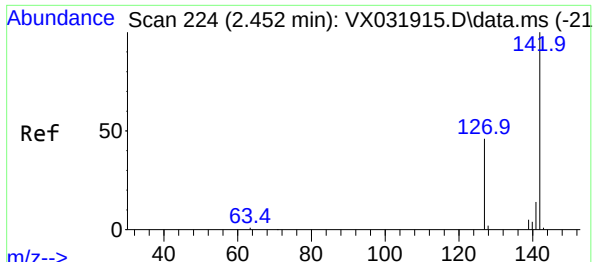
Tgt Ion:168 Resp: 63164
Ion Ratio Lower Upper
168 100
99 56.8 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031951.D
Acq: 07 Oct 2022 10:45

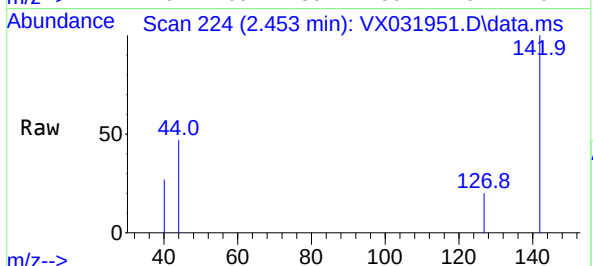
Tgt Ion: 94 Resp: 385
Ion Ratio Lower Upper
94 100
96 92.5 74.4 111.6





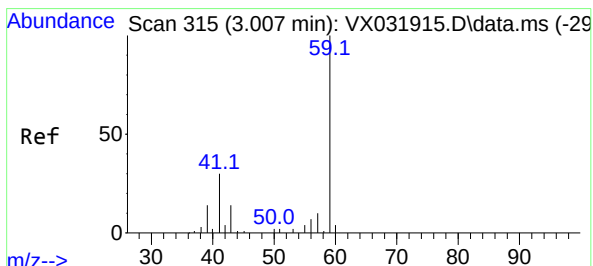
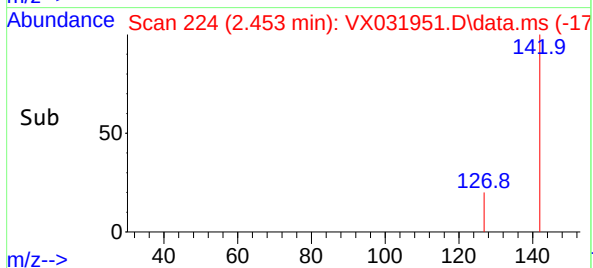
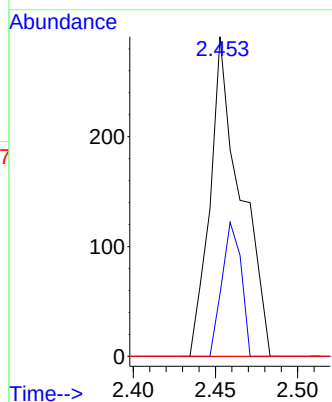
#10
Methyl Iodide
Concen: 3.089 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX031951.D
Acq: 07 Oct 2022 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01



Tgt Ion:142 Resp: 376

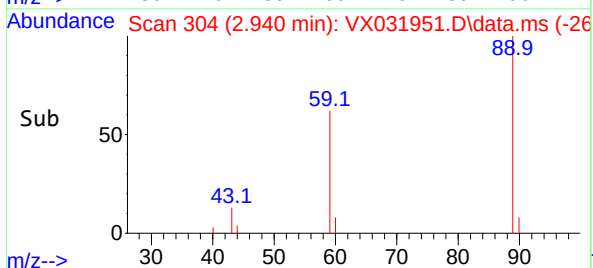
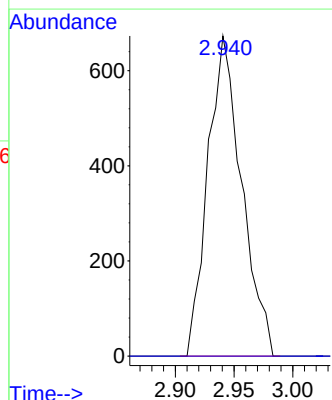
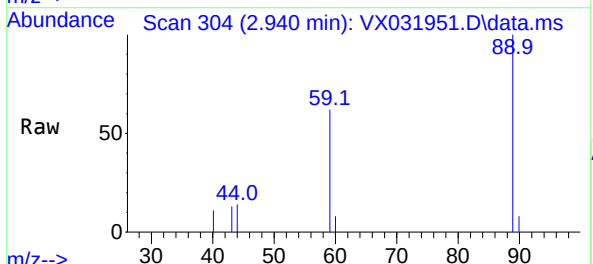
Ion	Ratio	Lower	Upper
142	100		
127	26.3	37.4	56.0#
141	0.0	11.6	17.4#

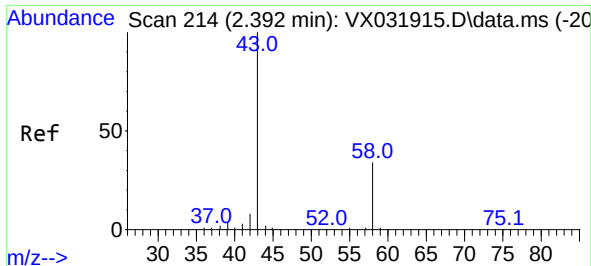


#11
Tert butyl alcohol
Concen: 8.318 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX031951.D
Acq: 07 Oct 2022 10:45

Tgt Ion: 59 Resp: 1350

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

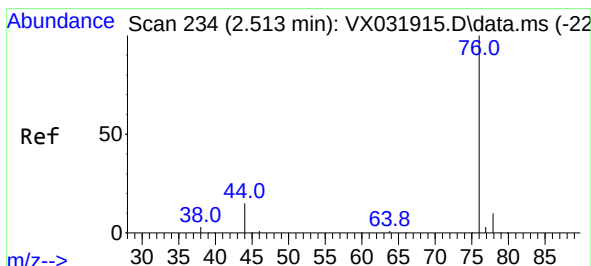
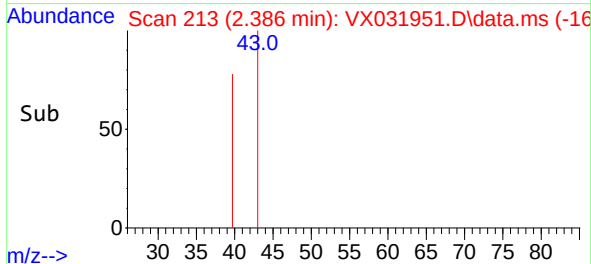
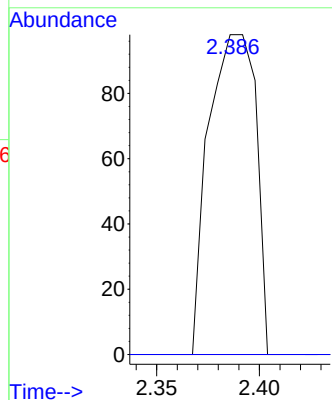
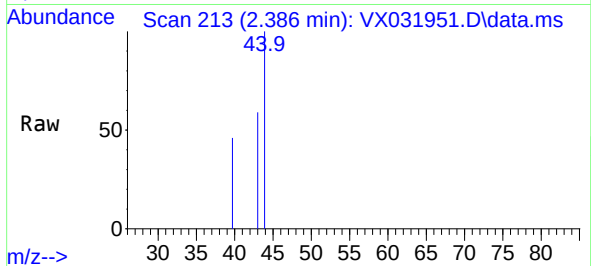




#16
Acetone
Concen: 0.354 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031915.D
Acq: 07 Oct 2022 10:45

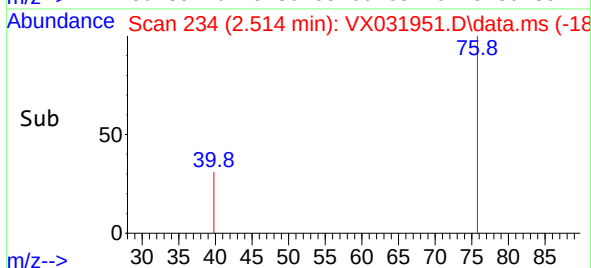
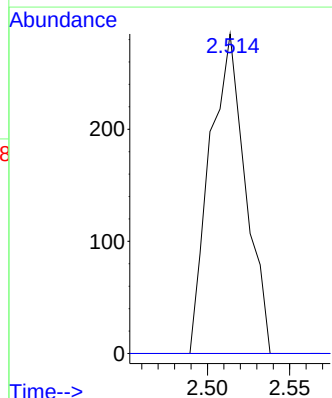
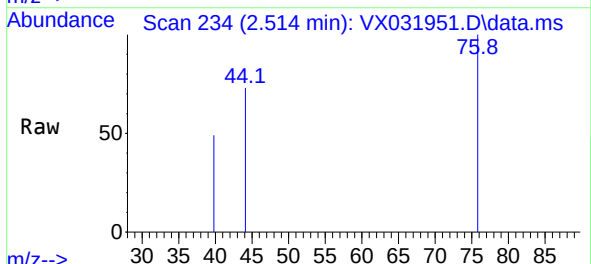
Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

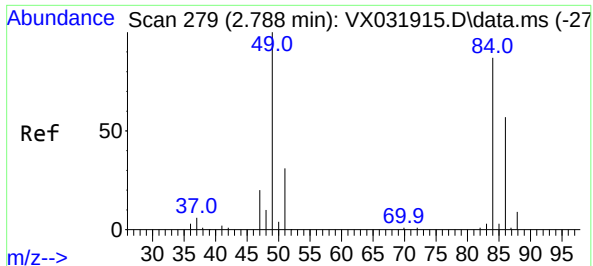
Tgt Ion: 43 Resp: 157
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.208 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.001 min
Lab File: VX031951.D
Acq: 07 Oct 2022 10:45

Tgt Ion: 76 Resp: 429
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



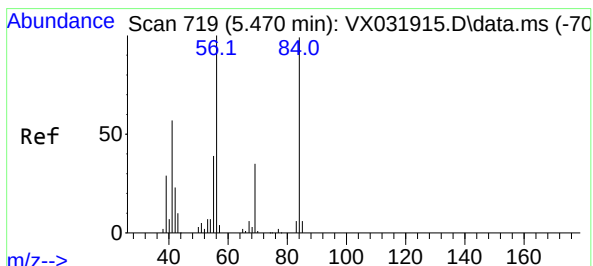
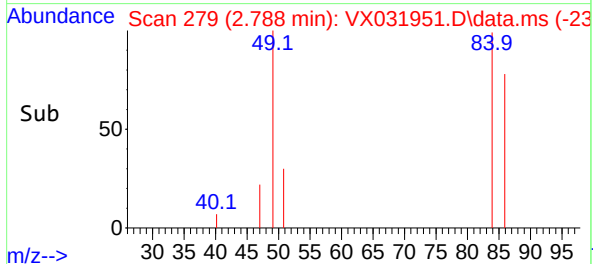
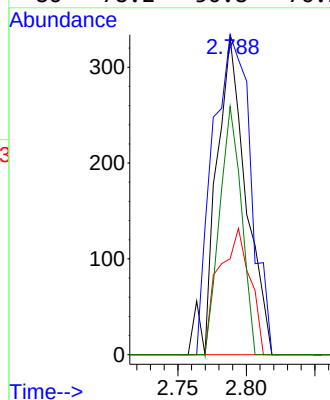
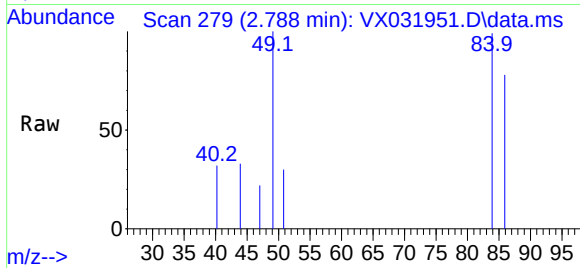


#20
Methylene Chloride
Concen: 0.431 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 07 Oct 2022 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

Tgt Ion: 84 Resp: 502

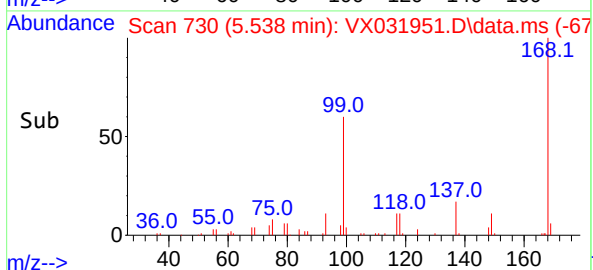
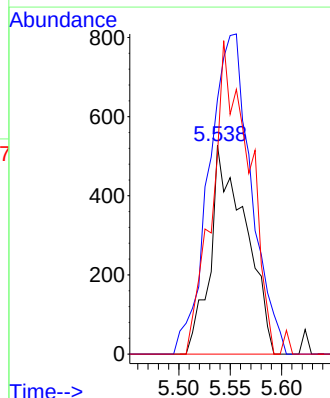
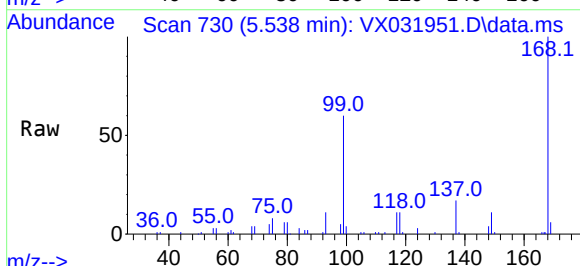
Ion	Ratio	Lower	Upper
84	100		
49	100.9	105.9	158.9#
51	30.2	32.2	48.2#
86	78.2	50.8	76.2#

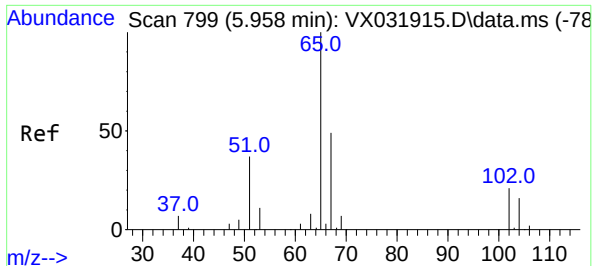


#31
Cyclohexane
Concen: 0.807 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.068 min
Lab File: VX031915.D
Acq: 07 Oct 2022 10:45

Tgt Ion: 56 Resp: 1258

Ion	Ratio	Lower	Upper
56	100		
69	111.6	25.1	37.7#
84	95.4	70.2	105.4

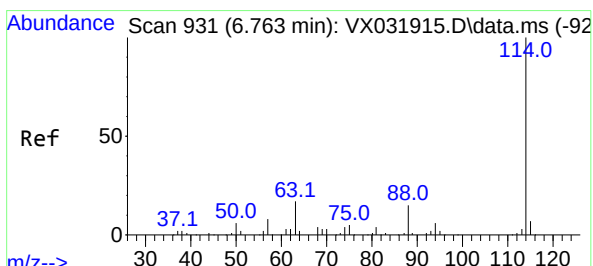
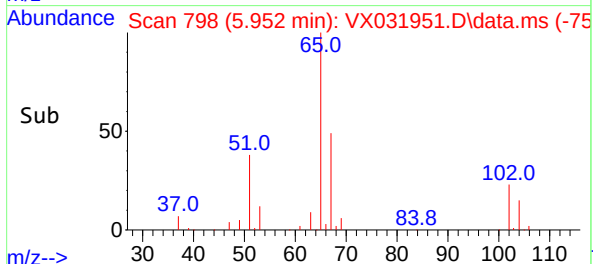
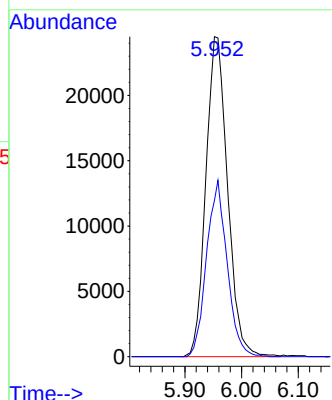
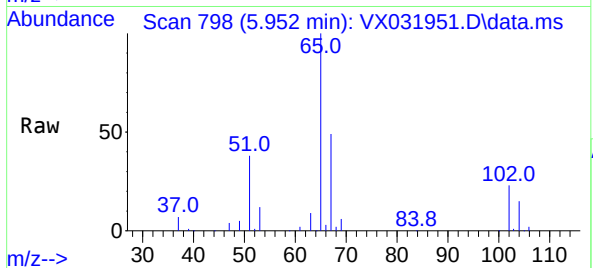




#33
1,2-Dichloroethane-d4
Concen: 49.954 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX031951.D
Acq: 07 Oct 2022 10:45

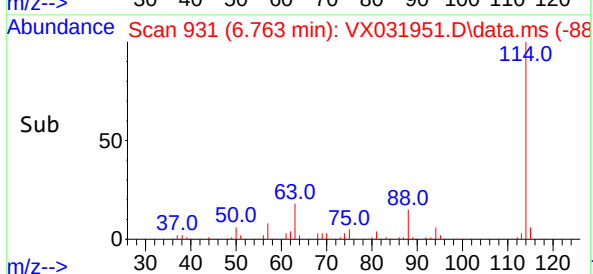
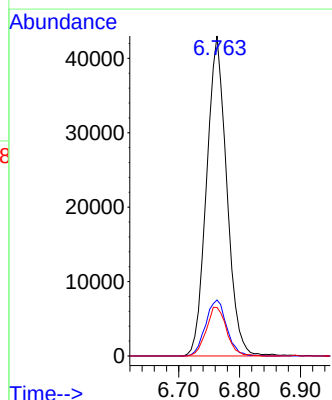
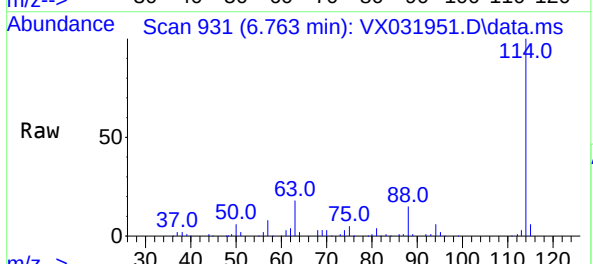
Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

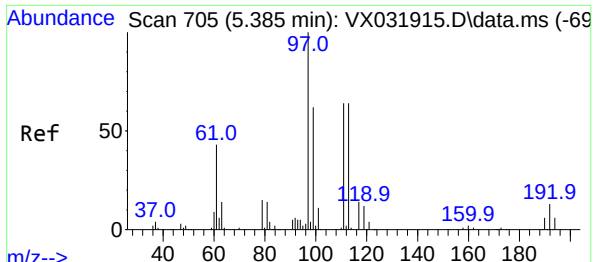
Tgt Ion: 65 Resp: 65163
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX031951.D
Acq: 07 Oct 2022 10:45

Tgt Ion: 114 Resp: 98894
Ion Ratio Lower Upper
114 100
63 17.5 0.0 42.6
88 15.1 0.0 33.0

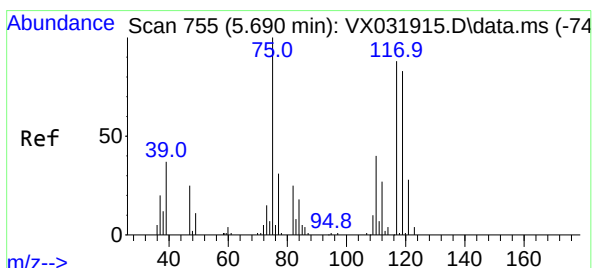
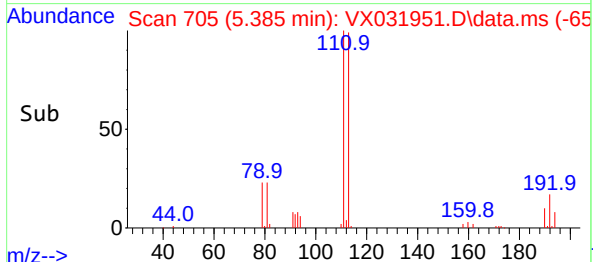
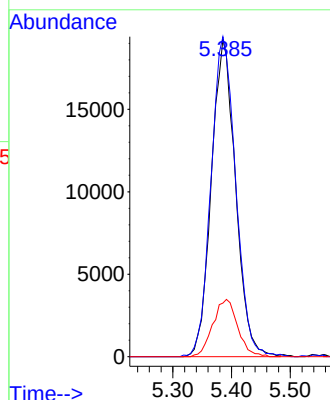
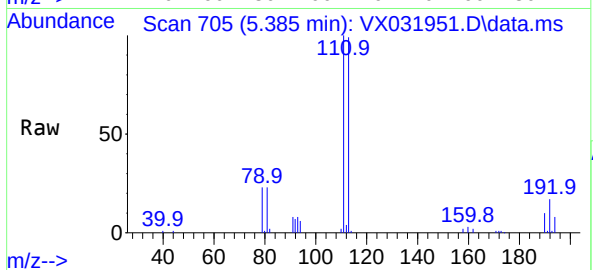




#35
Dibromofluoromethane
Concen: 48.990 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031915.D
Acq: 07 Oct 2022 10:45

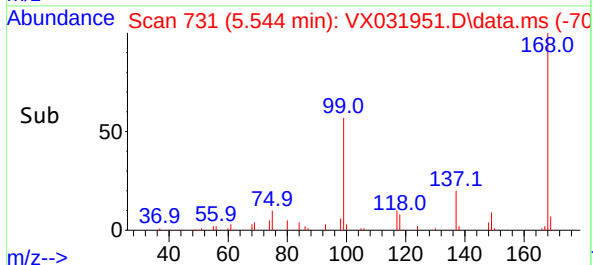
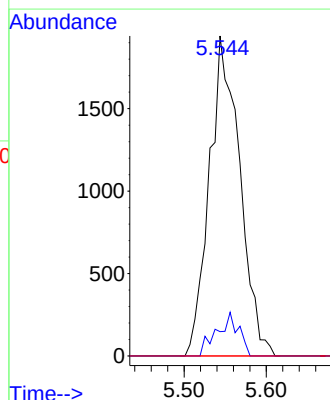
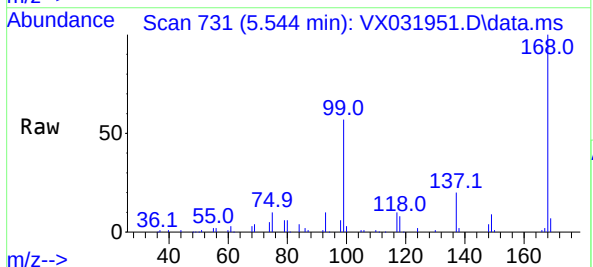
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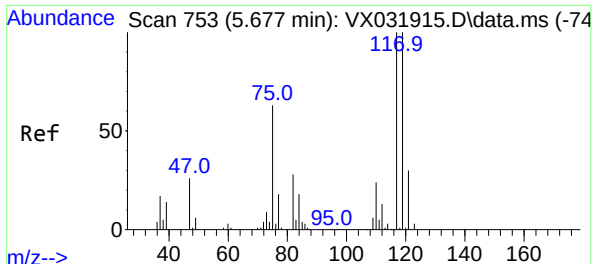
Tgt Ion:113 Resp: 54841
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 18.6 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.362 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX031915.D
Acq: 07 Oct 2022 10:45

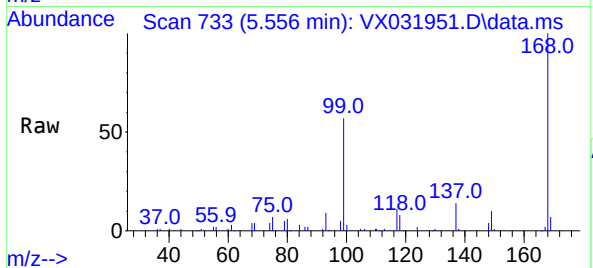
Tgt Ion: 75 Resp: 4991
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.9 37.3#



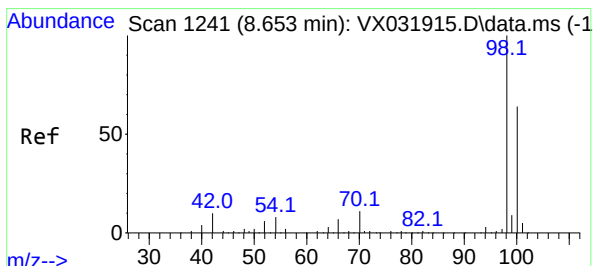
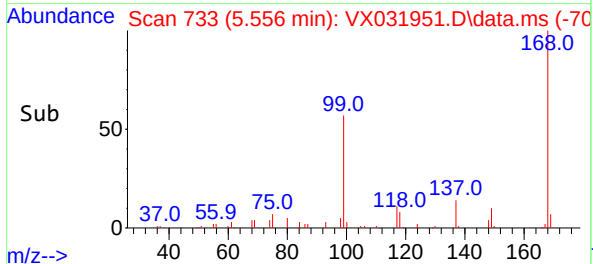
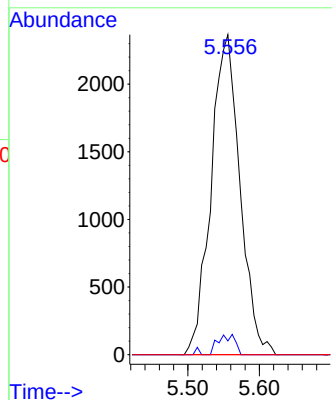


#38
Carbon Tetrachloride
Concen: 4.387 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX031951.D
Acq: 07 Oct 2022 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

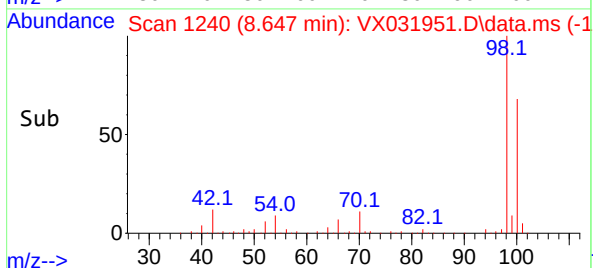
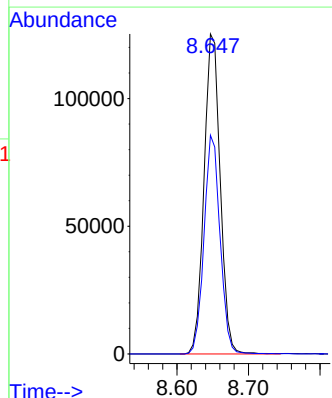
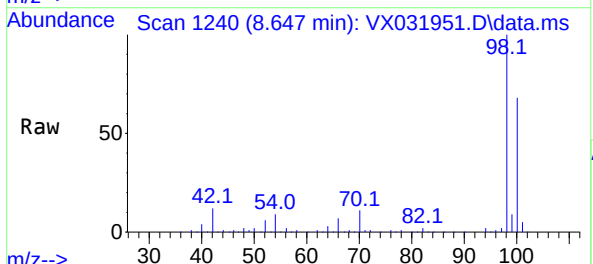


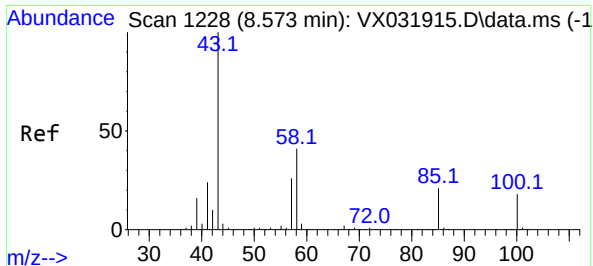
Tgt Ion:117 Resp: 6658
Ion Ratio Lower Upper
117 100
119 4.3 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.870 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031951.D
Acq: 07 Oct 2022 10:45

Tgt Ion: 98 Resp: 196853
Ion Ratio Lower Upper
98 100
100 67.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.642 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX031951.D

Acq: 07 Oct 2022 10:45

Instrument :

MSVOA_X

ClientSampleId :

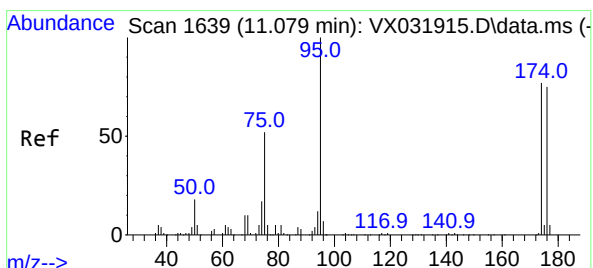
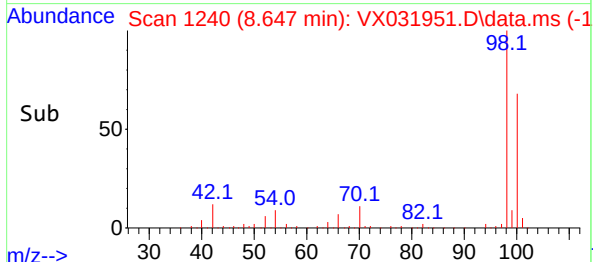
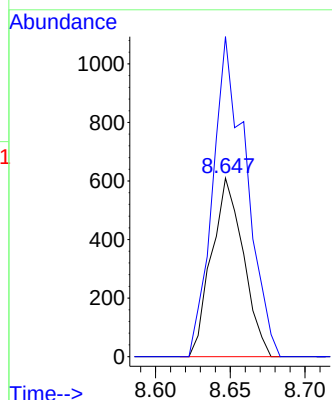
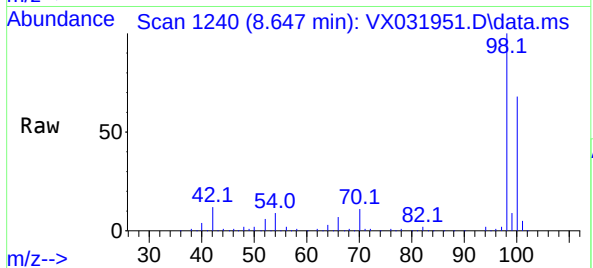
VX1007WBL01

Tgt Ion: 43 Resp: 902

Ion Ratio Lower Upper

43 100

58 188.5 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 48.114 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031951.D

Acq: 07 Oct 2022 10:45

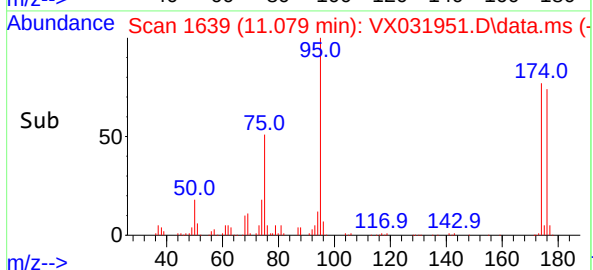
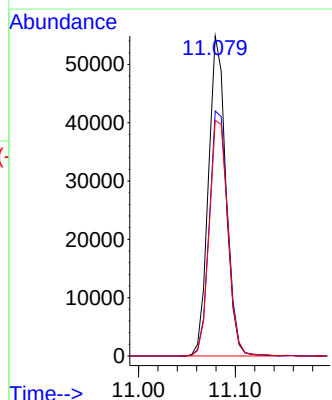
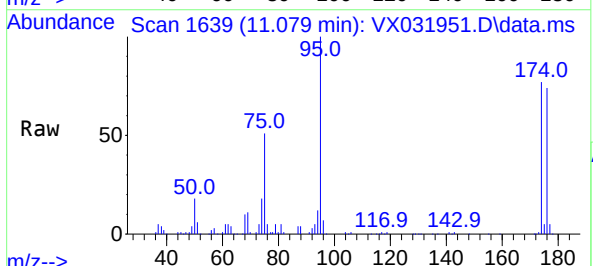
Tgt Ion: 95 Resp: 68516

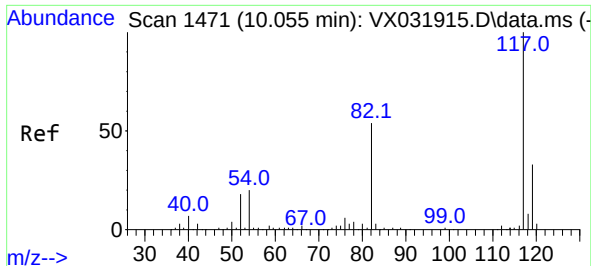
Ion Ratio Lower Upper

95 100

174 81.6 0.0 153.2

176 78.6 0.0 144.0

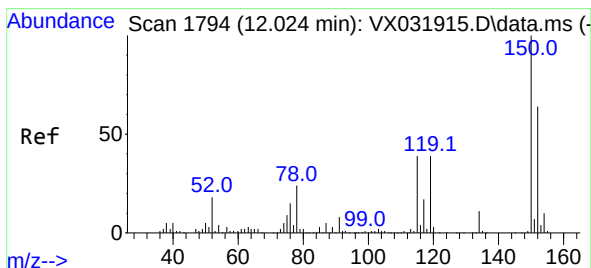
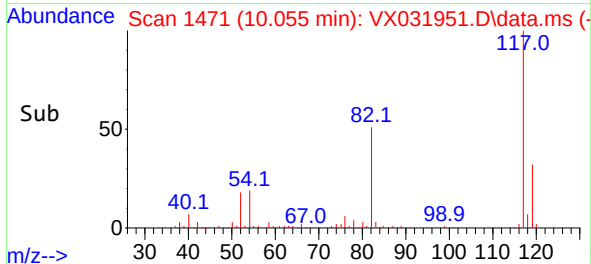
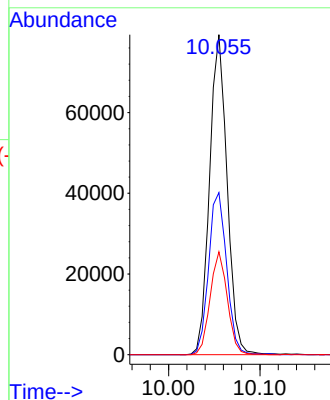
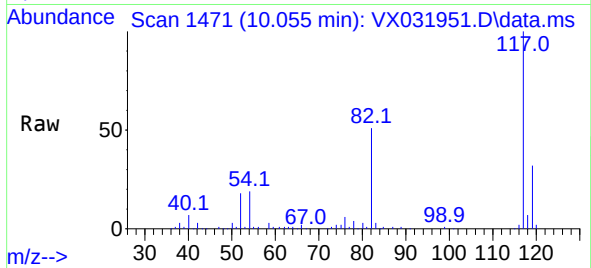




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031951.D
Acq: 07 Oct 2022 10:45

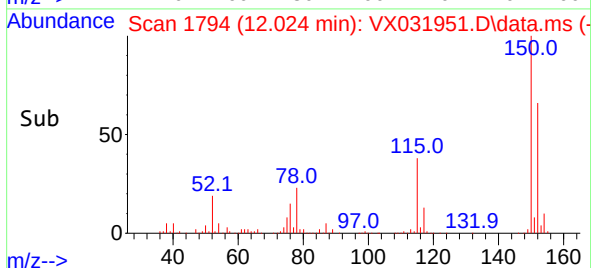
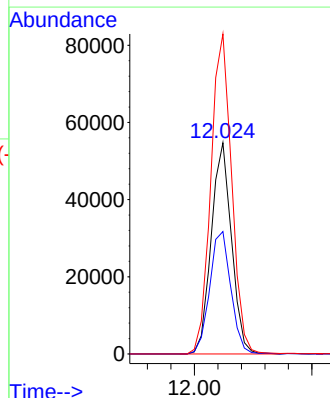
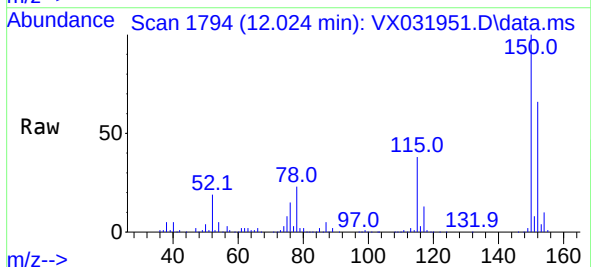
Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

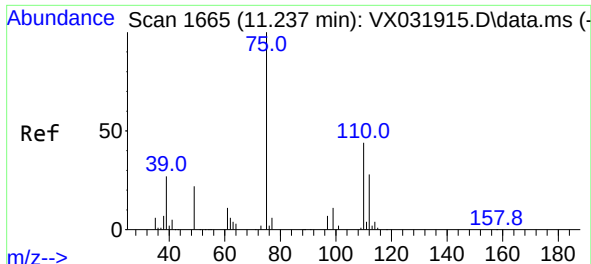
Tgt Ion:117 Resp: 105732
Ion Ratio Lower Upper
117 100
82 50.7 46.8 70.2
119 32.2 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031951.D
Acq: 07 Oct 2022 10:45

Tgt Ion:152 Resp: 65471
Ion Ratio Lower Upper
152 100
115 60.8 43.4 130.1
150 156.1 0.0 346.8

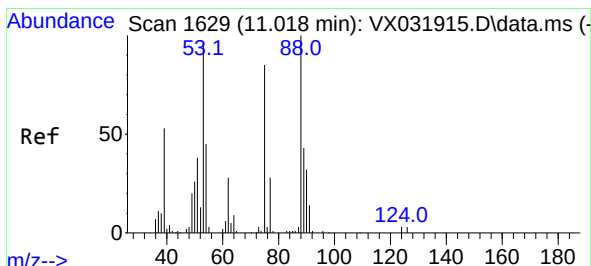
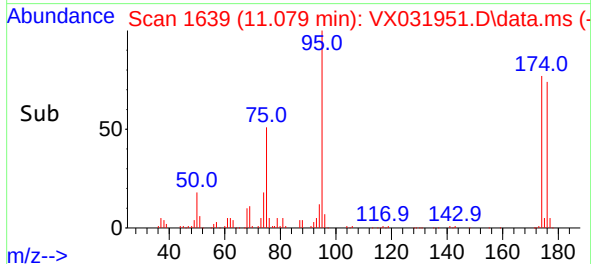
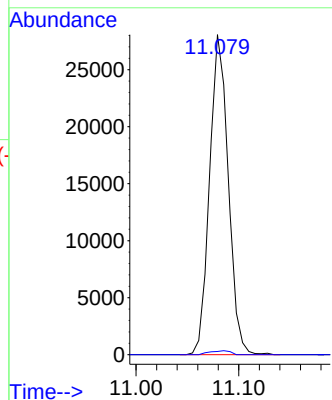
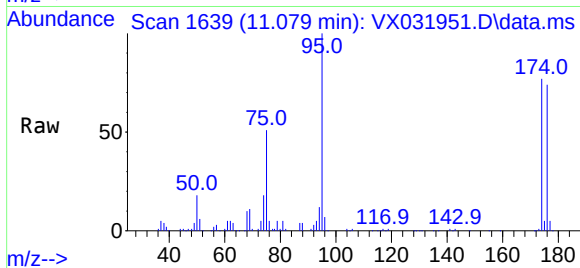




#76
1,2,3-Trichloropropane
Concen: 26.382 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031951.D
Acq: 07 Oct 2022 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

Tgt Ion: 75 Resp: 35400
Ion Ratio Lower Upper
75 100
77 1.4 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.481 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031951.D
Acq: 07 Oct 2022 10:45

Tgt Ion: 75 Resp: 35400
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

