

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042622\
 Data File : VX028342.D
 Acq On : 26 Apr 2022 12:09
 Operator : JC/MD
 Sample : VX0426WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBL01

Quant Time: Apr 26 17:43:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

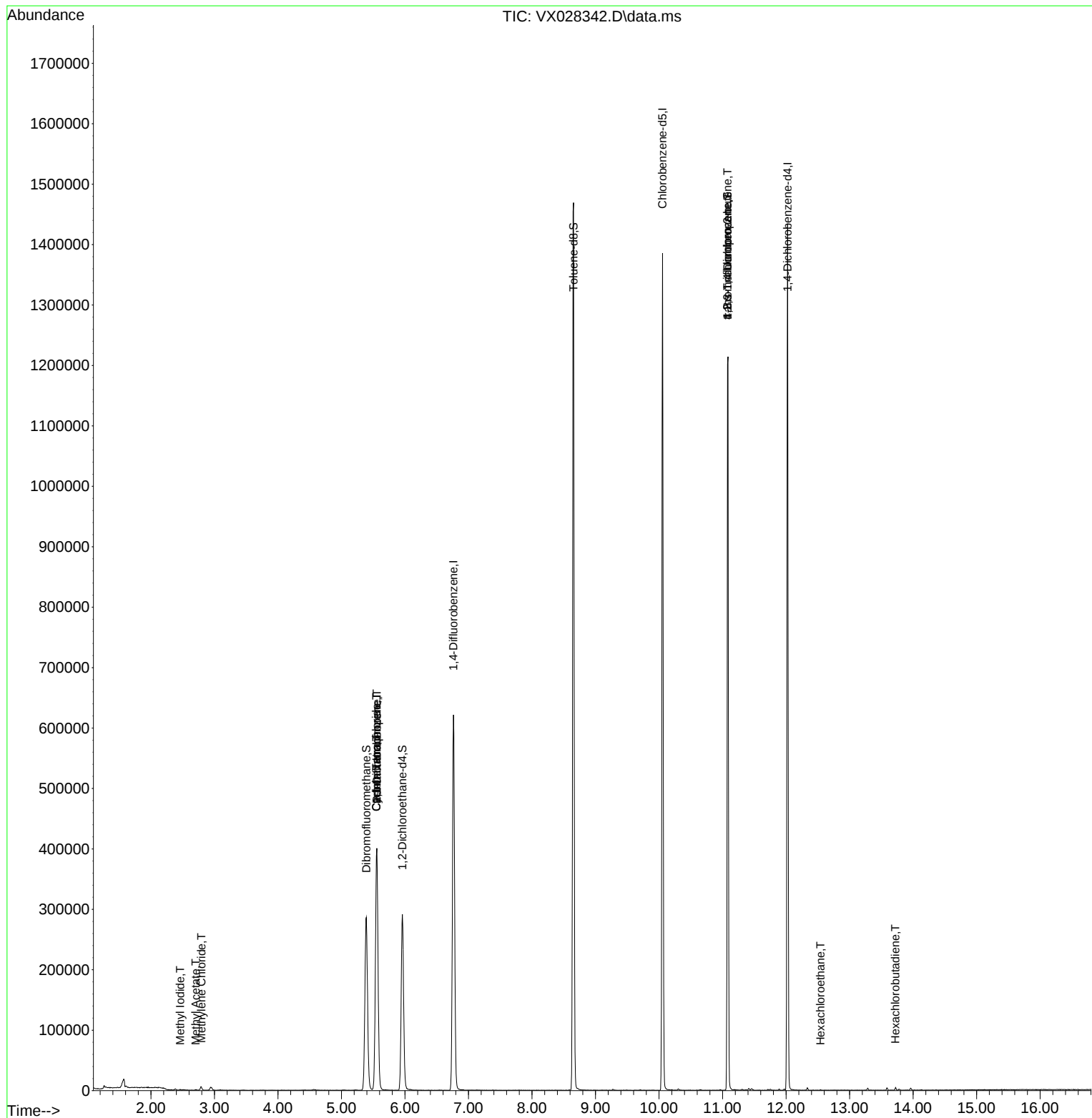
Internal Standards						
1) Pentafluorobenzene	5.556	168	391971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	667689	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	632413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	295159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	275858	53.975	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.940%			
35) Dibromofluoromethane	5.391	113	246901	52.729	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.460%			
50) Toluene-d8	8.653	98	897876	49.925	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.860%			
62) 4-Bromofluorobenzene	11.079	95	320419	46.596	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.200%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	563	Below Cal		94
5) Bromomethane	1.605	94	1475	Below Cal		98
6) Chloroethane	1.672	64	158	Below Cal #		43
10) Methyl Iodide	2.459	142	887	5.417 ug/l #		96
11) Tert butyl alcohol	2.953	59	3059	Below Cal #		72
16) Acetone	2.374	43	1931	Below Cal		98
18) Methyl Acetate	2.703	43	1062	0.234 ug/l #		85
20) Methylene Chloride	2.794	84	2604	0.687 ug/l		97
31) Cyclohexane	5.550	56	8099	1.301 ug/l #		8
36) 1,1-Dichloropropene	5.556	75	28407	4.651 ug/l #		50
38) Carbon Tetrachloride	5.550	117	38635	5.603 ug/l #		16
76) 1,2,3-Trichloropropane	11.079	75	160105	27.562 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.079	75	160105	81.907 ug/l #		15
90) Hexachloroethane	12.542	117	87	1.839 ug/l		81
94) Hexachlorobutadiene	13.719	225	554	0.212 ug/l		86

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

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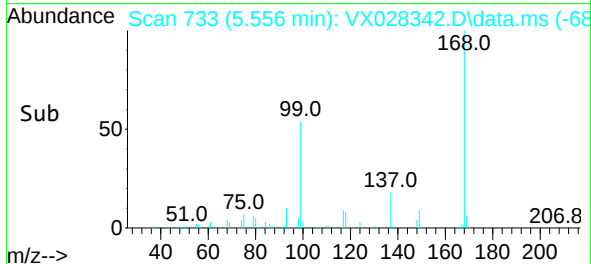
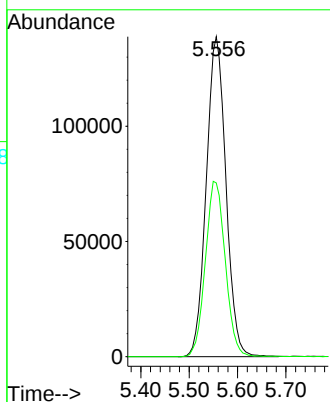
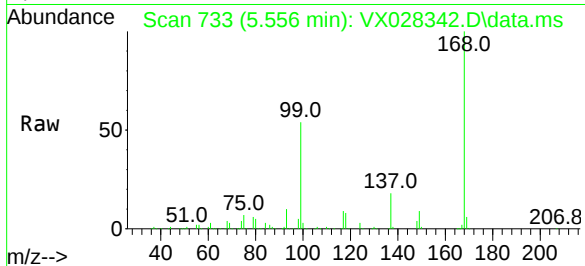




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

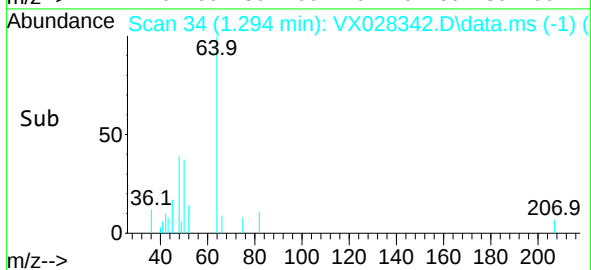
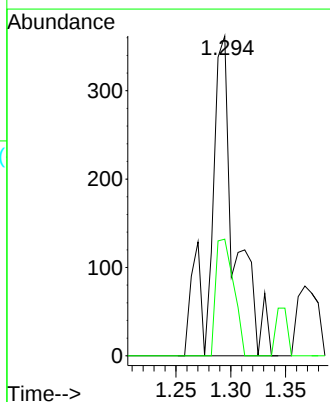
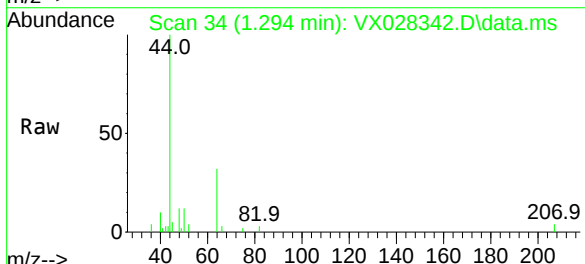
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBL01

Tgt Ion:168 Resp: 391971
Ion Ratio Lower Upper
168 100
99 54.3 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

Tgt Ion: 50 Resp: 563
Ion Ratio Lower Upper
50 100
52 36.5 26.4 39.6

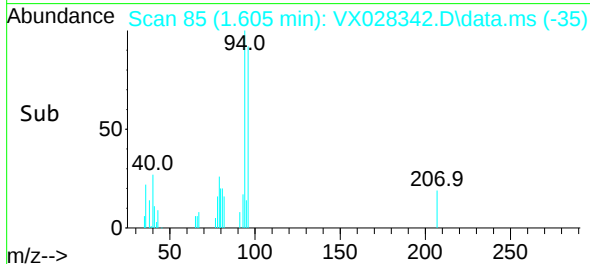
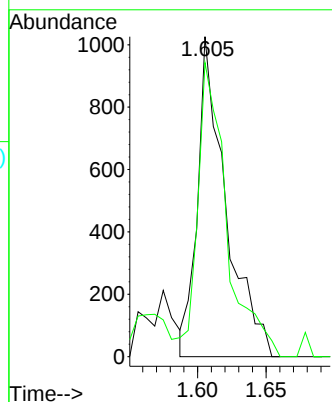
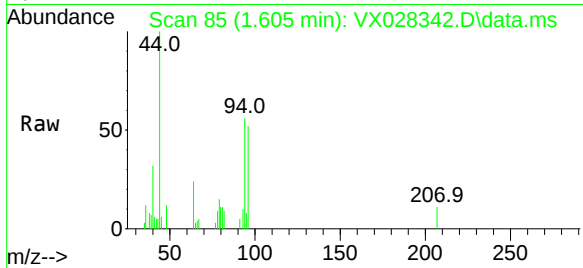




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

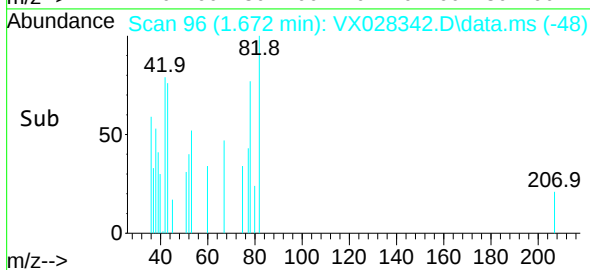
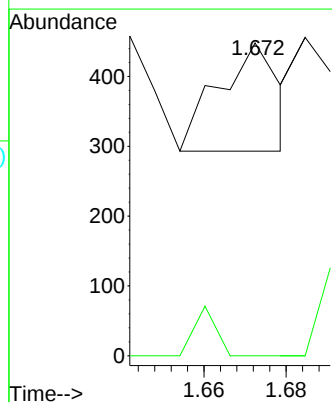
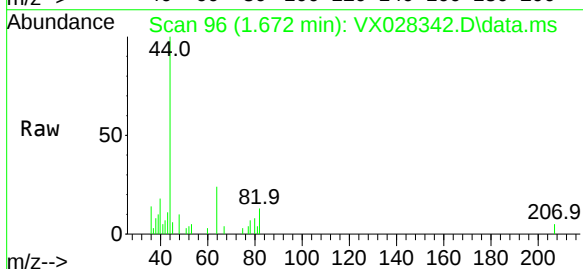
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBL01

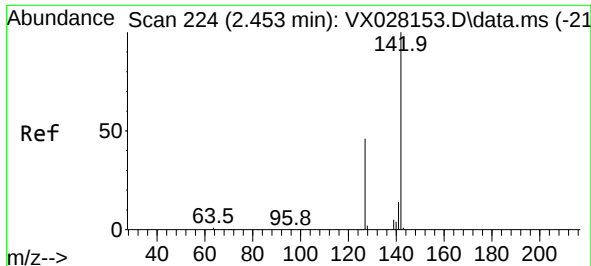
Tgt Ion: 94 Resp: 1475
Ion Ratio Lower Upper
94 100
96 91.9 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

Tgt Ion: 64 Resp: 158
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

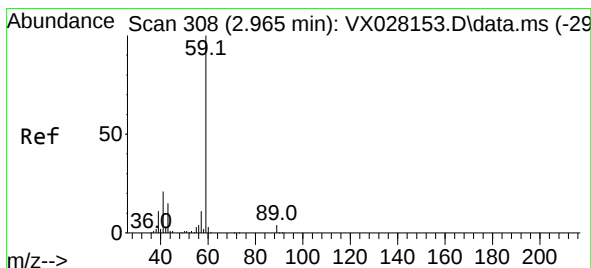
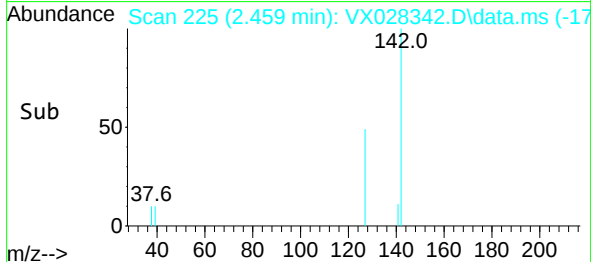
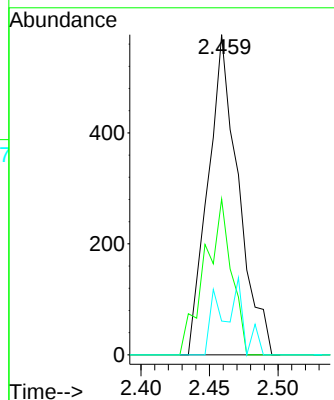
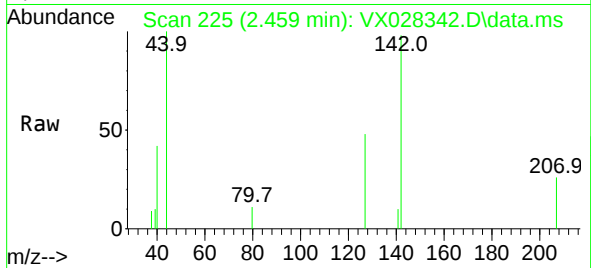




#10
Methyl Iodide
Concen: 5.417 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

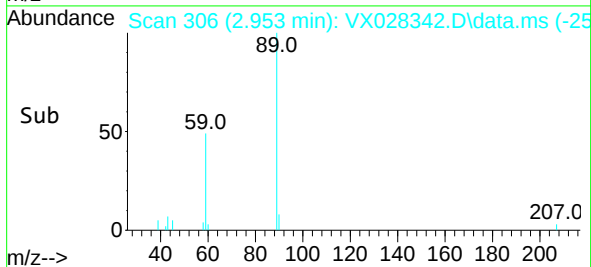
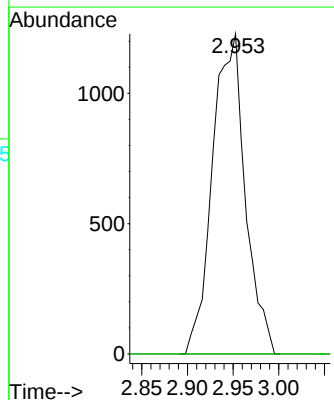
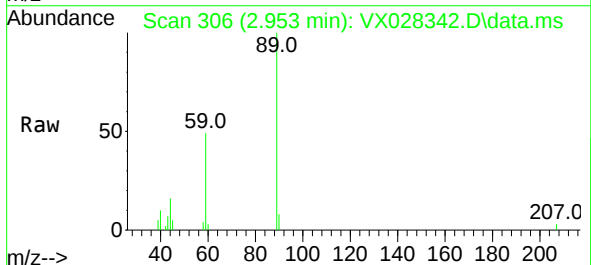
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBL01

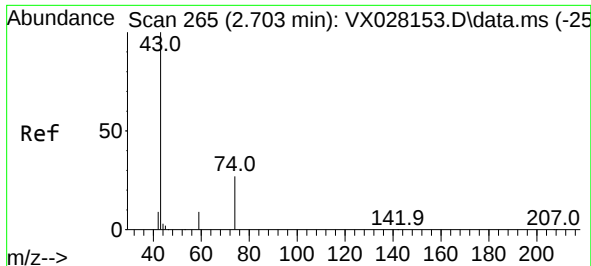
Tgt Ion:142 Resp: 887
Ion Ratio Lower Upper
142 100
127 43.1 33.9 50.9
141 9.8 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

Tgt Ion: 59 Resp: 3059
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

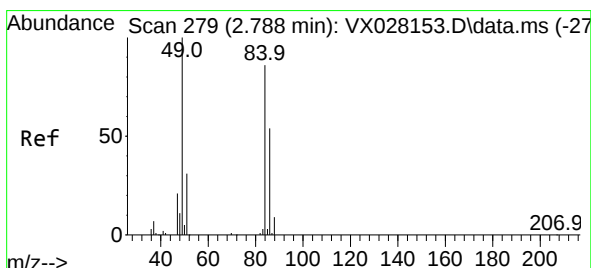
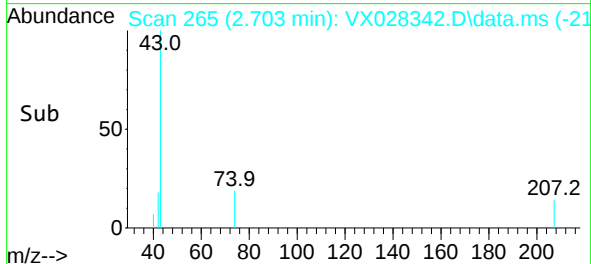
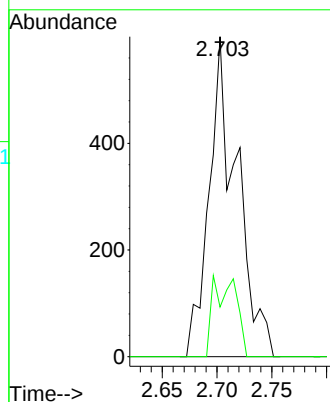
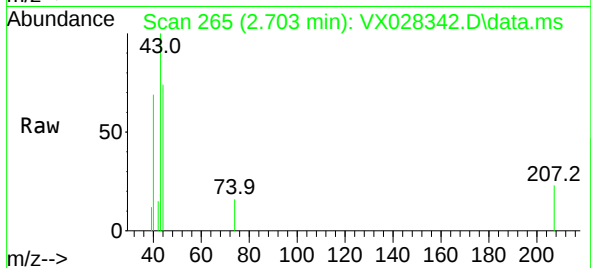




#18
Methyl Acetate
Concen: 0.234 ug/l
RT: 2.703 min Scan# 206
Delta R.T. -0.000 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

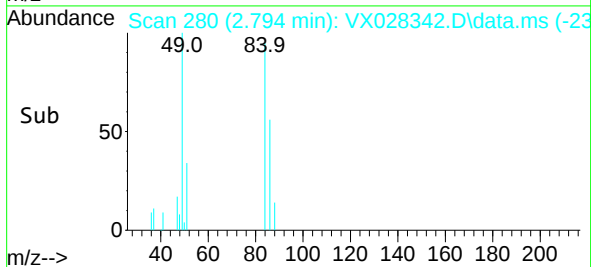
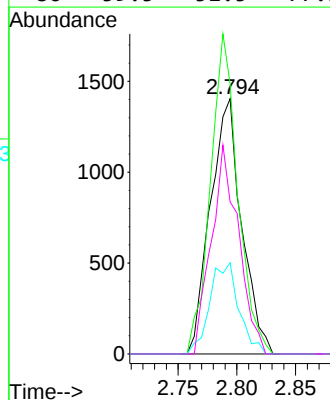
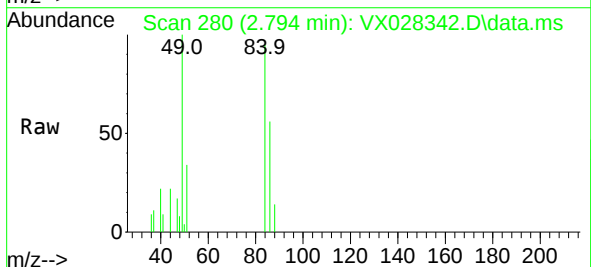
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBL01

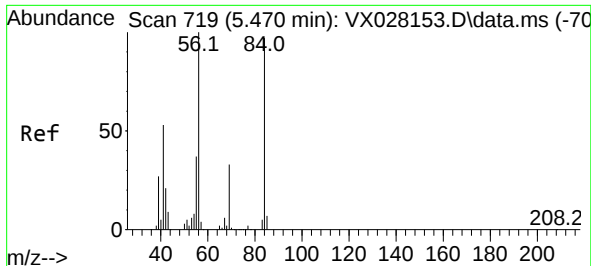
Tgt Ion: 43 Resp: 1062
Ion Ratio Lower Upper
43 100
74 20.6 22.8 34.2#



#20
Methylene Chloride
Concen: 0.687 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

Tgt Ion: 84 Resp: 2604
Ion Ratio Lower Upper
84 100
49 105.7 85.5 128.3
51 35.7 26.6 39.8
86 59.5 51.5 77.3

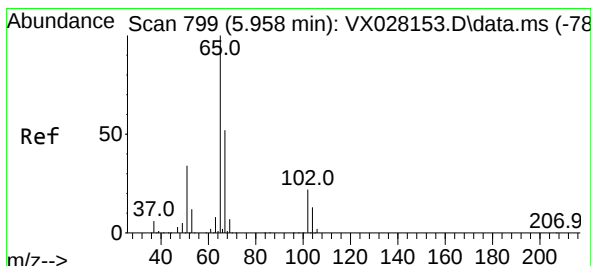
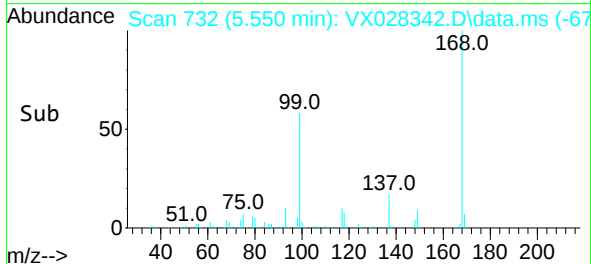
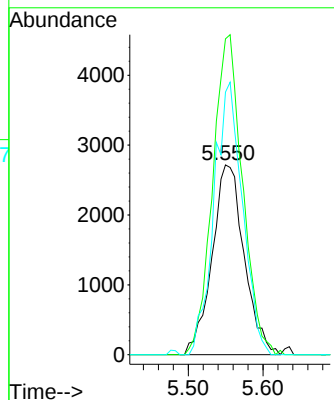
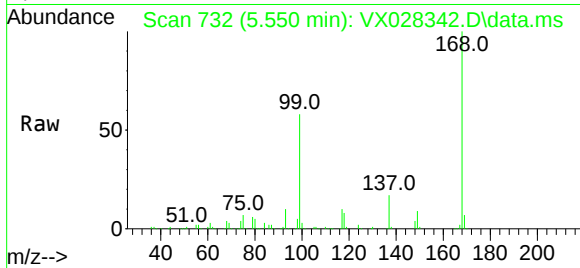




#31
Cyclohexane
Concen: 1.301 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

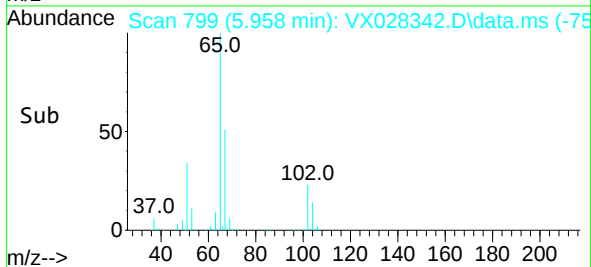
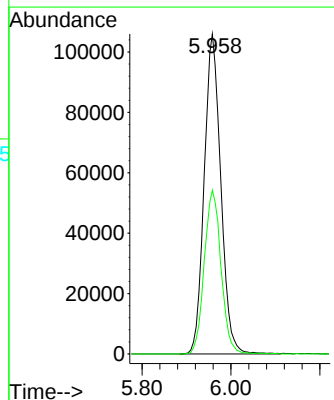
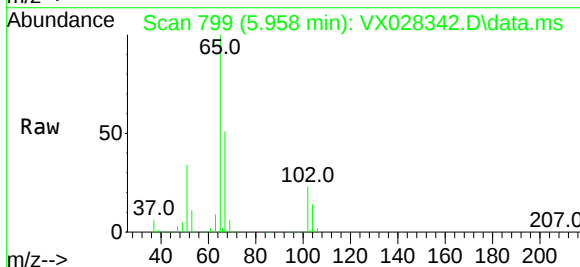
Instrument :
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ClientSampleId :
VX0426WBL01

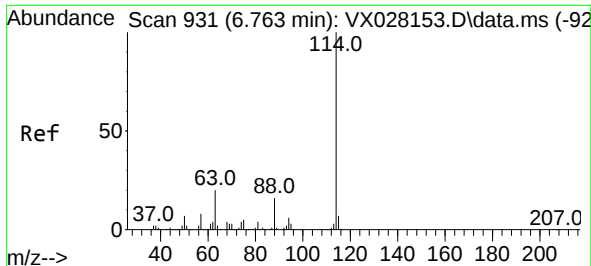
Tgt Ion: 56 Resp: 8099
Ion Ratio Lower Upper
56 100
69 166.4 26.7 40.1#
84 138.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 53.975 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

Tgt Ion: 65 Resp: 275858
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4

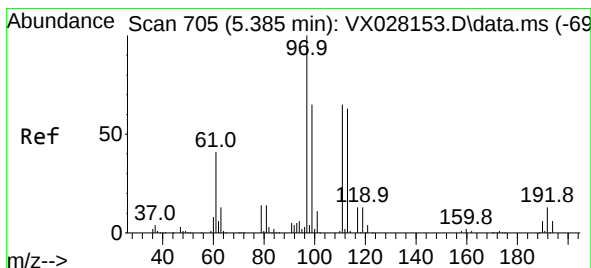
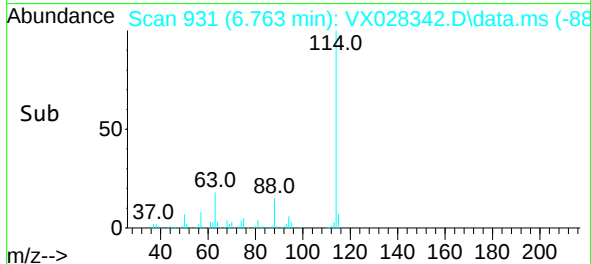
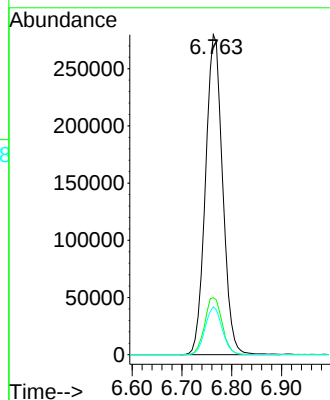
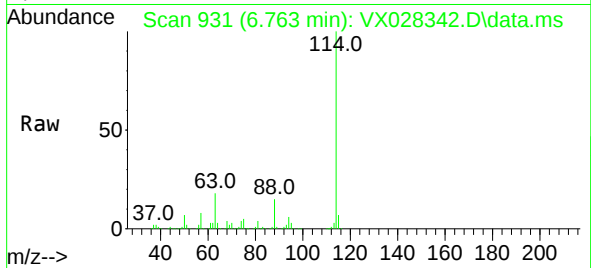




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

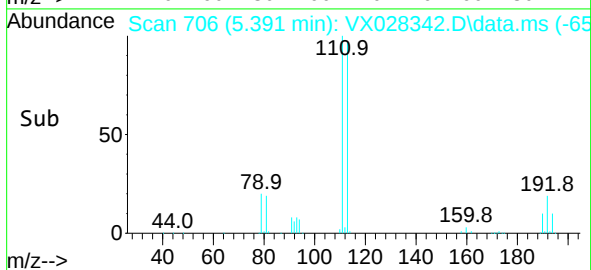
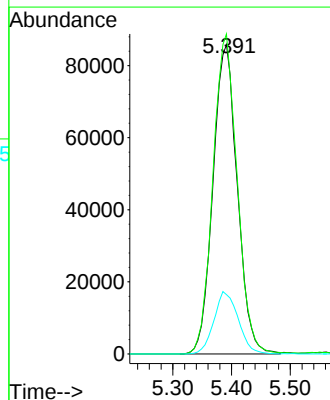
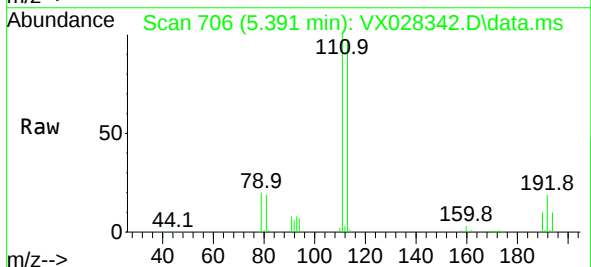
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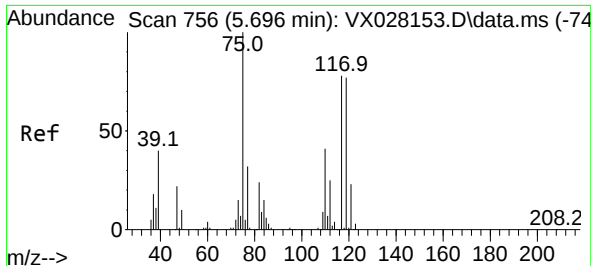
Tgt Ion:114 Resp: 667689
Ion Ratio Lower Upper
114 100
63 17.8 0.0 36.8
88 15.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.729 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

Tgt Ion:113 Resp: 246901
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 20.1 16.9 25.3

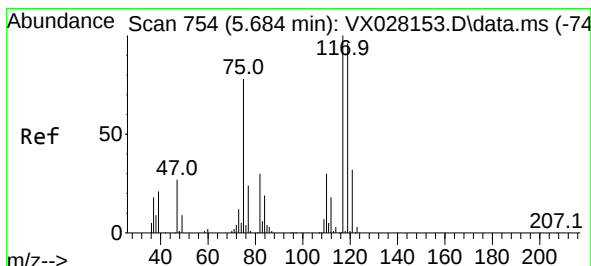
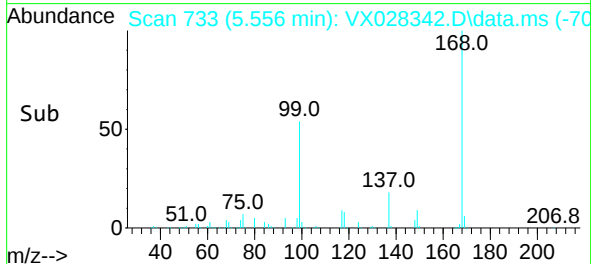
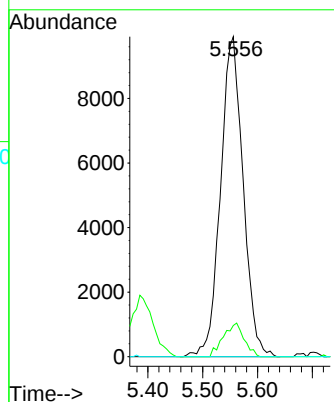
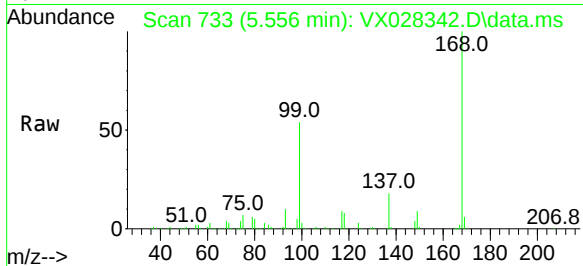




#36
1,1-Dichloropropene
Concen: 4.651 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

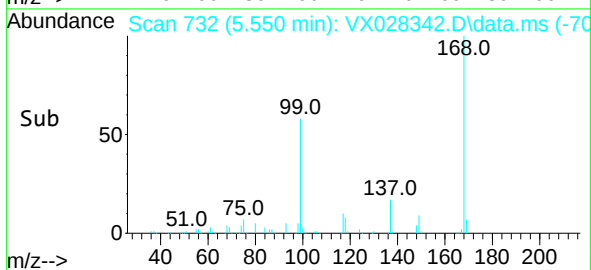
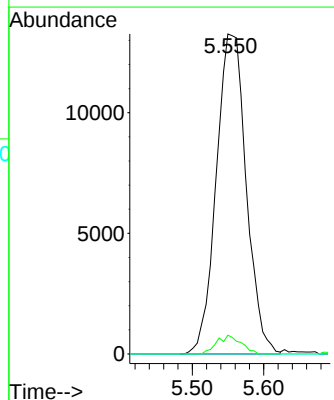
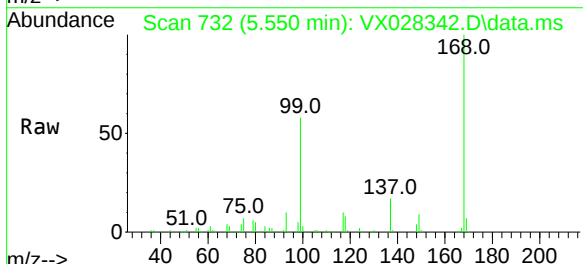
Instrument :
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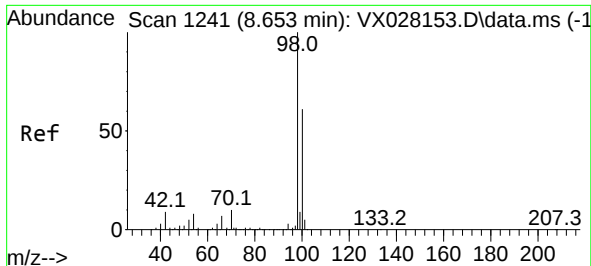
Tgt Ion: 75 Resp: 28407
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.603 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

Tgt Ion: 117 Resp: 38635
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 24.2 36.2#

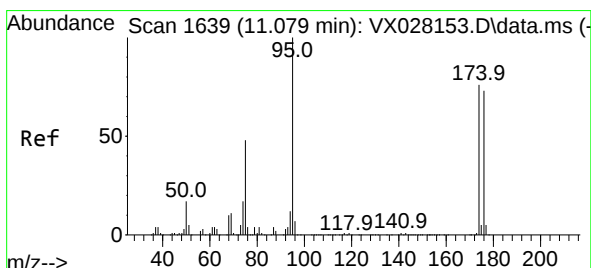
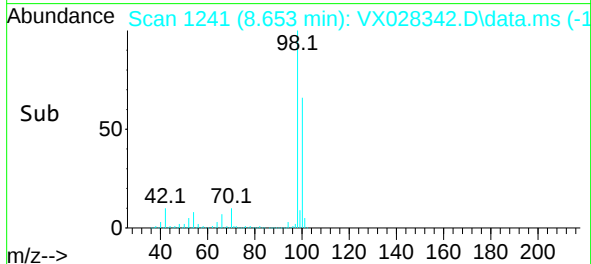
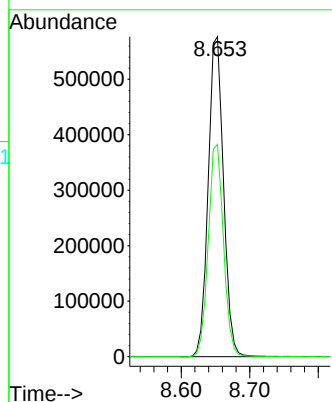
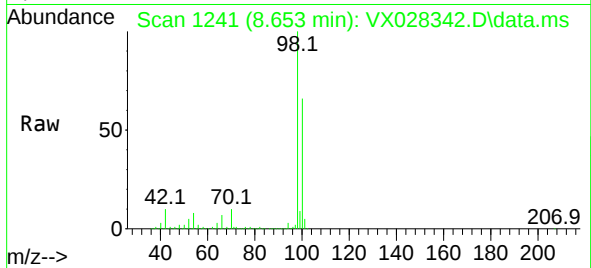




#50
Toluene-d8
Concen: 49.925 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

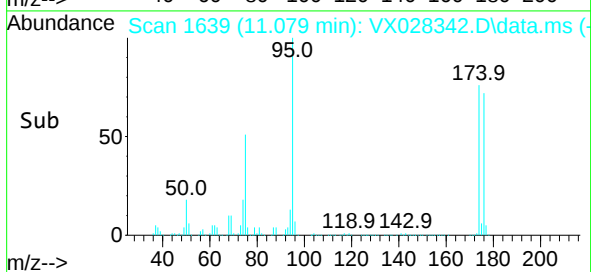
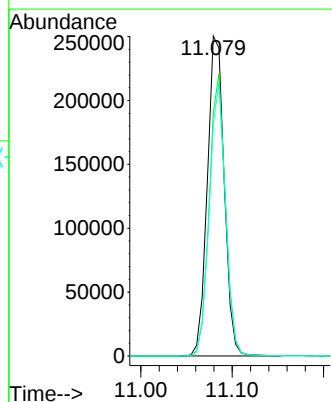
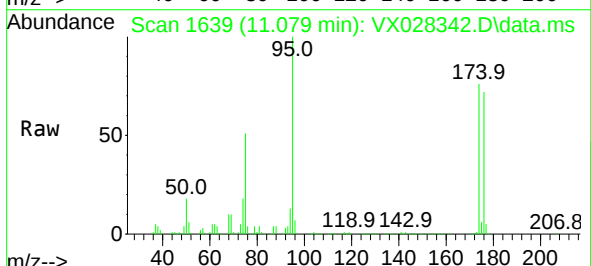
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBL01

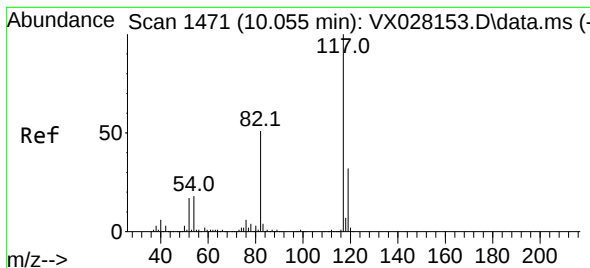
Tgt Ion: 98 Resp: 897876
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.596 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

Tgt Ion: 95 Resp: 320419
Ion Ratio Lower Upper
95 100
174 84.8 0.0 163.0
176 81.7 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX028342.D

Acq: 26 Apr 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBL01

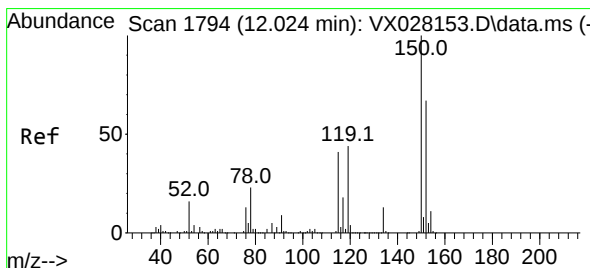
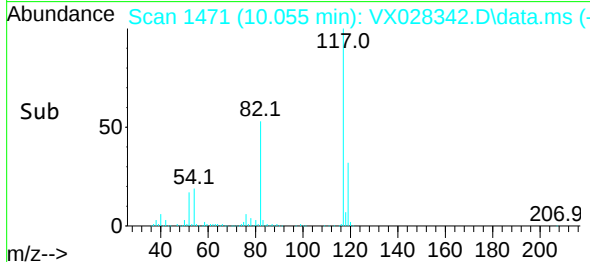
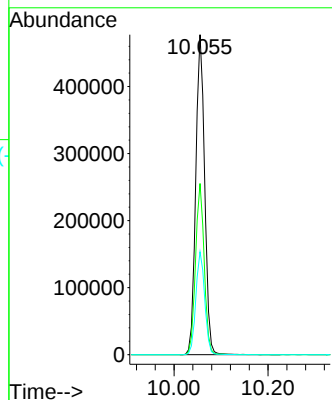
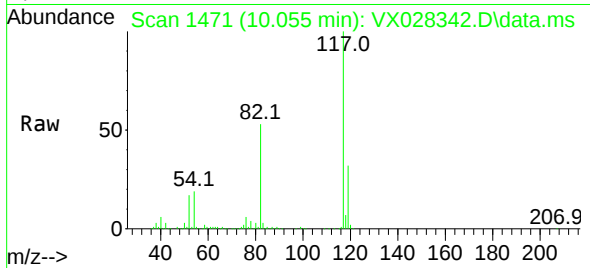
Tgt Ion:117 Resp: 632413

Ion Ratio Lower Upper

117 100

82 53.5 41.8 62.8

119 32.1 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028342.D

Acq: 26 Apr 2022 12:09

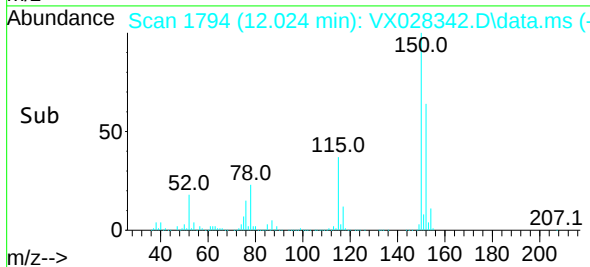
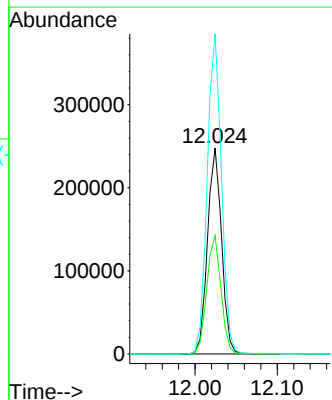
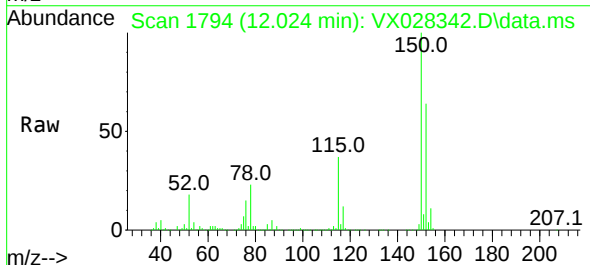
Tgt Ion:152 Resp: 295159

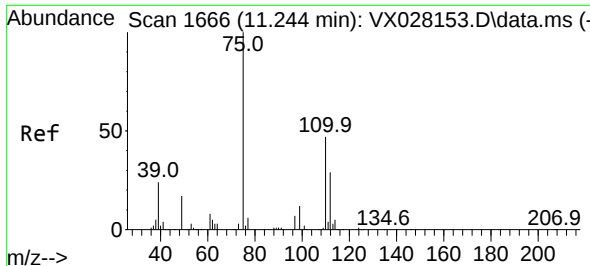
Ion Ratio Lower Upper

152 100

115 58.1 37.5 112.7

150 157.4 0.0 338.2

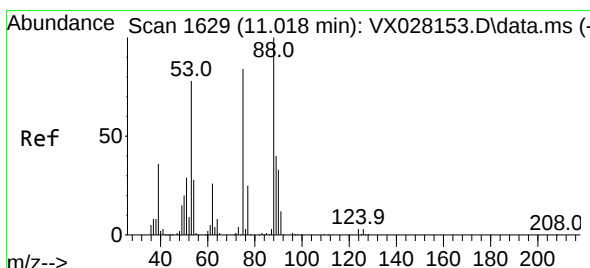
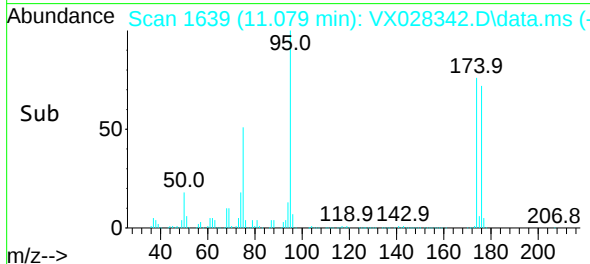
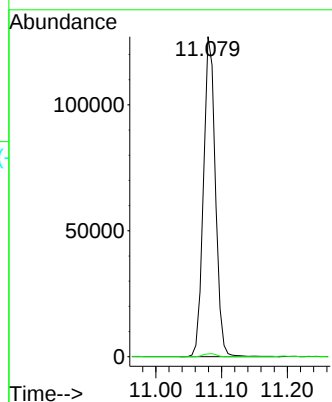
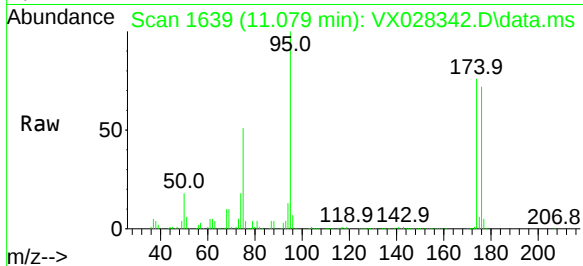




#76
1,2,3-Trichloropropane
Concen: 27.562 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

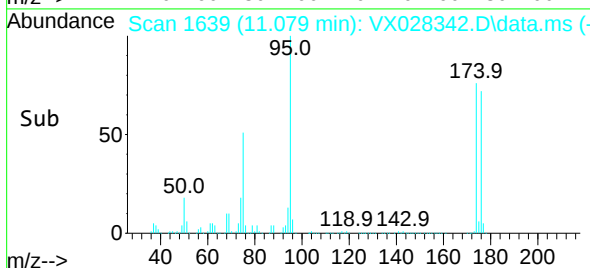
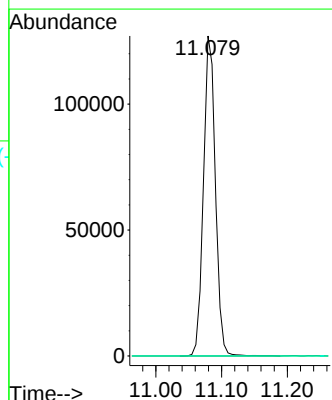
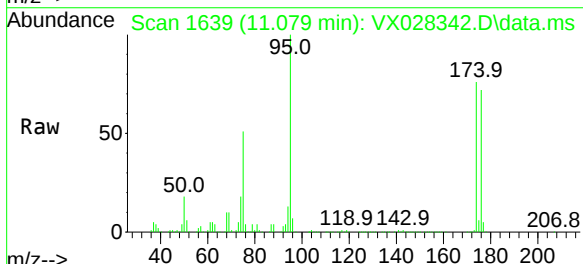
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBL01

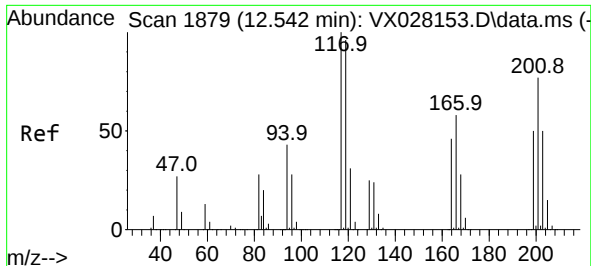
Tgt Ion: 75 Resp: 160105
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.907 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

Tgt Ion: 75 Resp: 160105
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

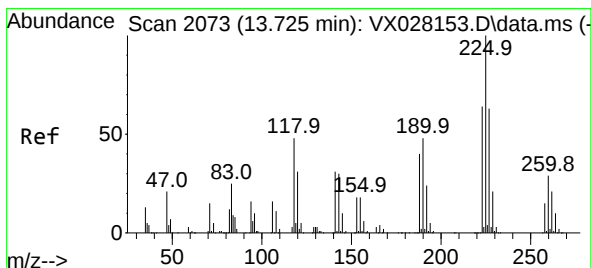
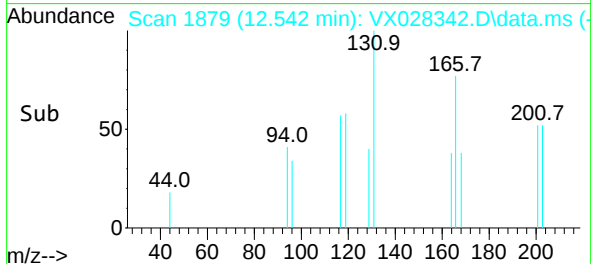
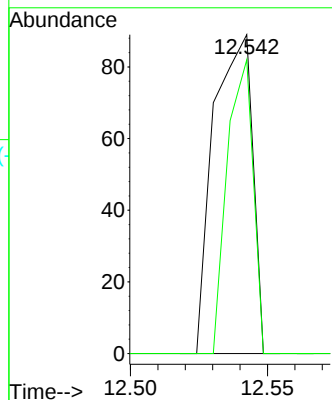
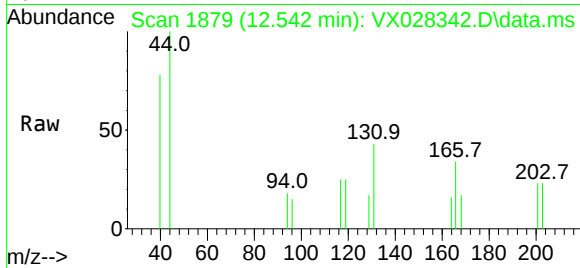




#90
Hexachloroethane
Concen: 1.839 ug/l
RT: 12.542 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBL01

Tgt Ion:117 Resp: 87
Ion Ratio Lower Upper
117 100
201 62.1 39.5 118.5



#94
Hexachlorobutadiene
Concen: 0.212 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX028342.D
Acq: 26 Apr 2022 12:09

Tgt Ion:225 Resp: 554
Ion Ratio Lower Upper
225 100
223 89.5 34.2 102.5
227 66.4 33.9 101.7

