

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
 Data File : VX028920.D
 Acq On : 24 May 2022 14:45
 Operator : JC/MD
 Sample : N2800-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 25 01:49:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

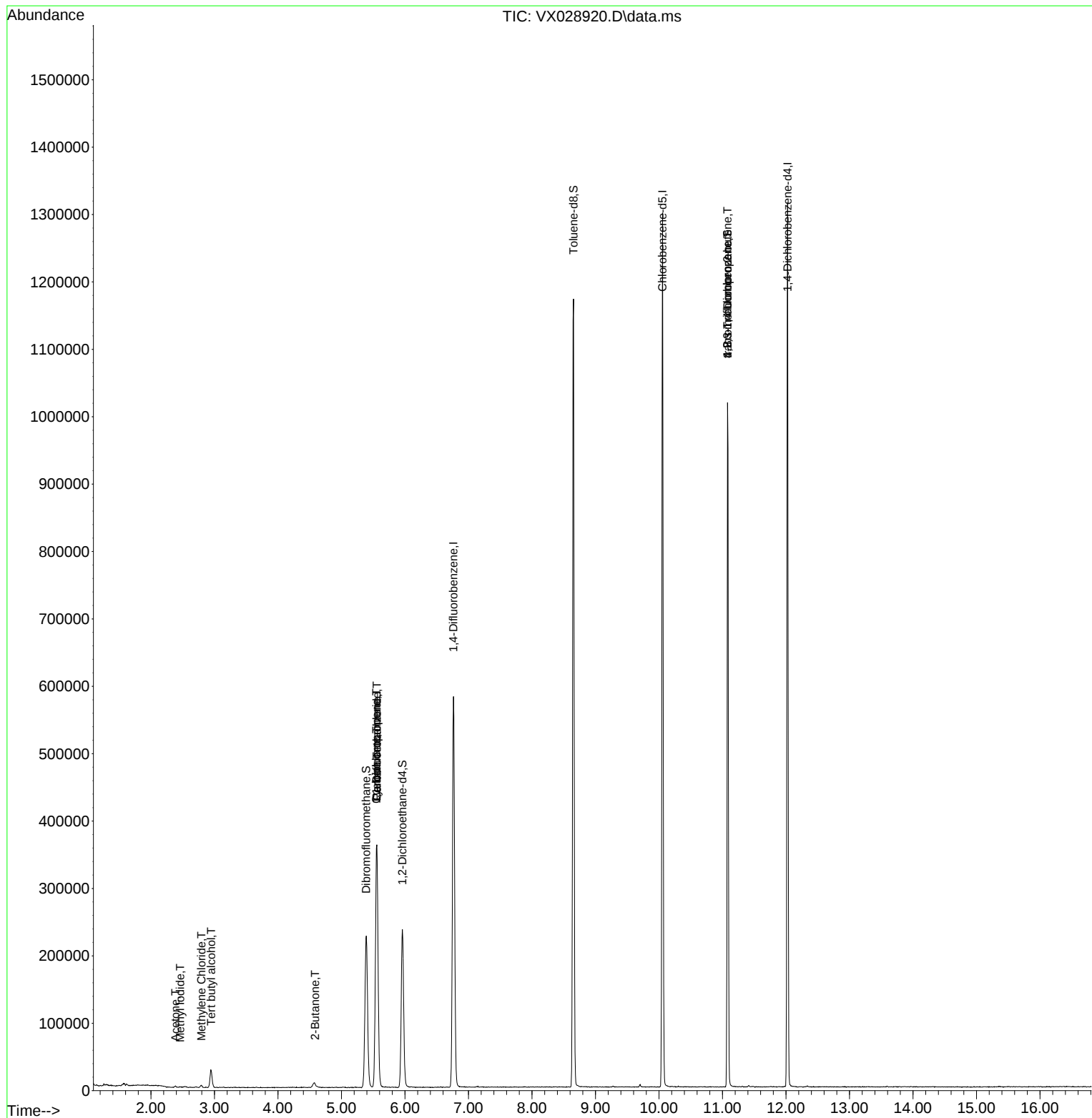
Internal Standards						
1) Pentafluorobenzene	5.556	168	341853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	608511	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	576118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	236319	50.431	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.860%			
35) Dibromofluoromethane	5.385	113	201102	50.441	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.880%			
50) Toluene-d8	8.653	98	714141	47.510	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.020%			
62) 4-Bromofluorobenzene	11.079	95	283013	50.409	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.820%			
Target Compounds						
5) Bromomethane	1.618	94	1269	Below Cal	Qvalue 86	
6) Chloroethane	1.703	64	1544	Below Cal	# 43	
10) Methyl Iodide	2.459	142	968	0.212 ug/l	# 84	
11) Tert butyl alcohol	2.947	59	15457	7.814 ug/l	# 76	
16) Acetone	2.386	43	1700	0.845 ug/l	# 76	
20) Methylene Chloride	2.794	84	1518	0.360 ug/l	# 90	
25) 2-Butanone	4.587	43	643	0.204 ug/l	# 44	
31) Cyclohexane	5.550	56	6804	1.046 ug/l	# 1	
36) 1,1-Dichloropropene	5.550	75	26712	4.461 ug/l	# 50	
38) Carbon Tetrachloride	5.556	117	35438	5.880 ug/l	# 15	
76) 1,2,3-Trichloropropane	11.079	75	142035	22.392 ug/l	# 38	
81) trans-1,4-Dichloro-2-b...	11.079	75	142035	65.500 ug/l	# 15	

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

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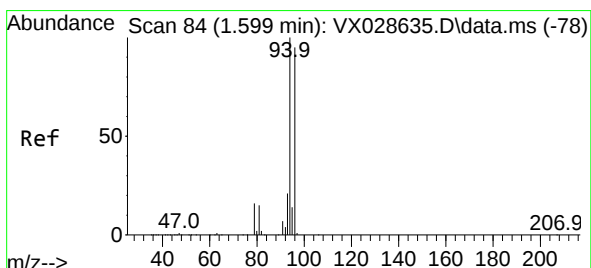
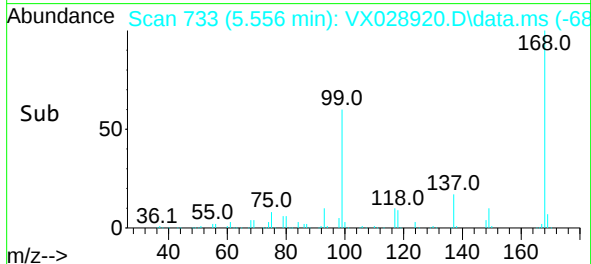
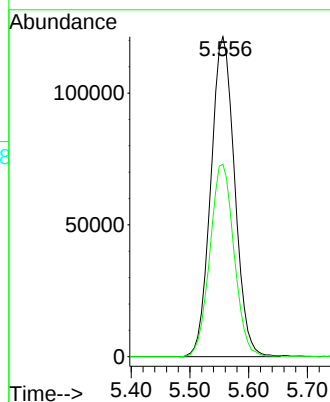
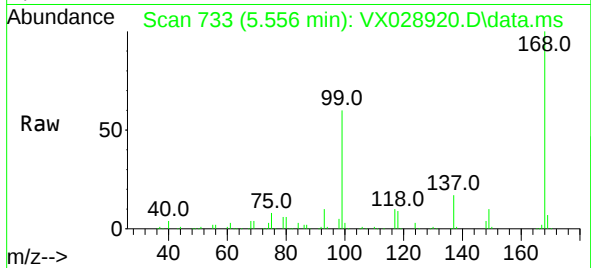




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028920.D
Acq: 24 May 2022 14:45

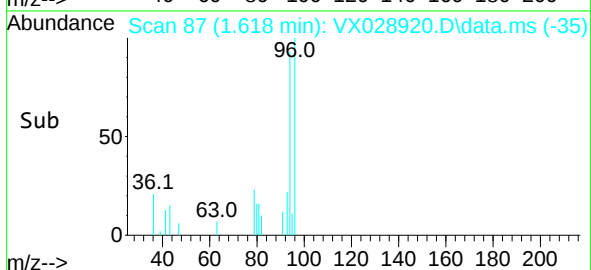
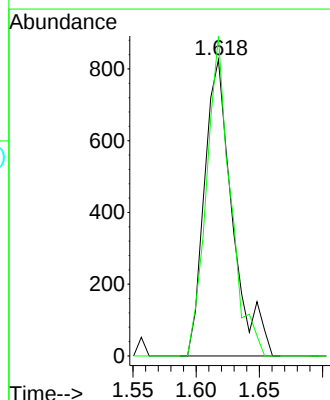
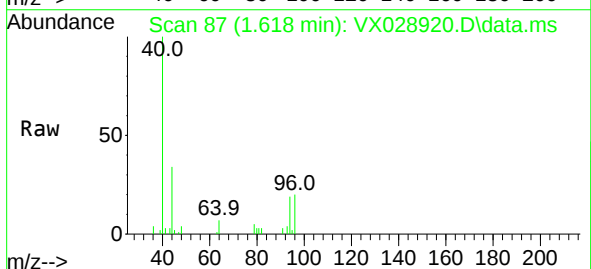
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

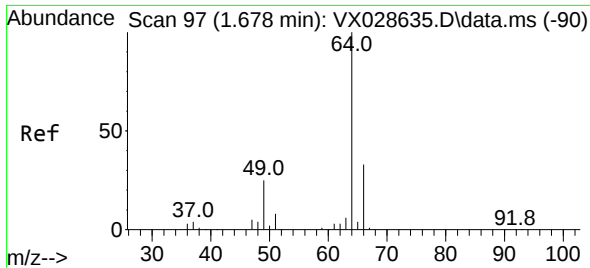
Tgt Ion:168 Resp: 341853
Ion Ratio Lower Upper
168 100
99 60.2 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028920.D
Acq: 24 May 2022 14:45

Tgt Ion: 94 Resp: 1269
Ion Ratio Lower Upper
94 100
96 108.0 75.3 112.9

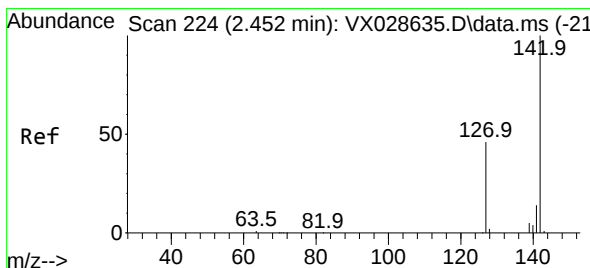
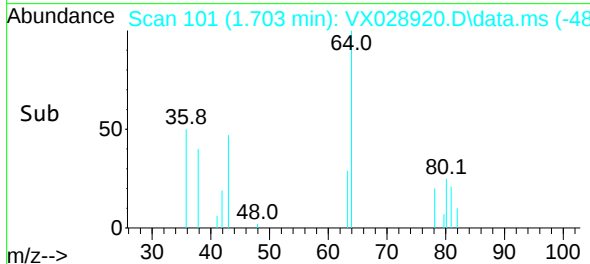
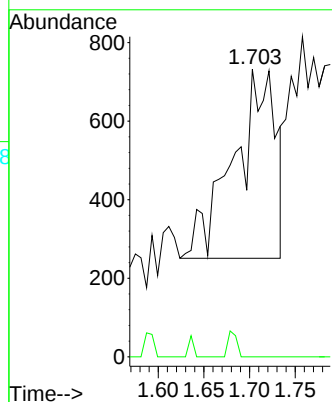
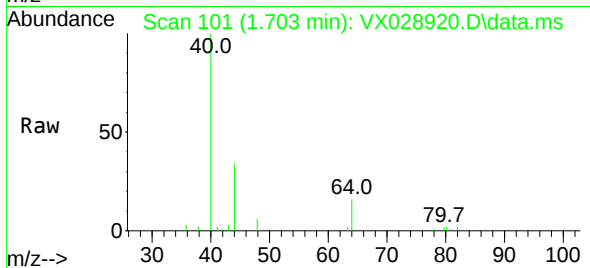




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.025 min
Lab File: VX028920.D
Acq: 24 May 2022 14:45

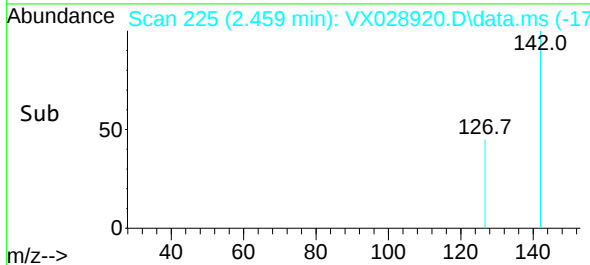
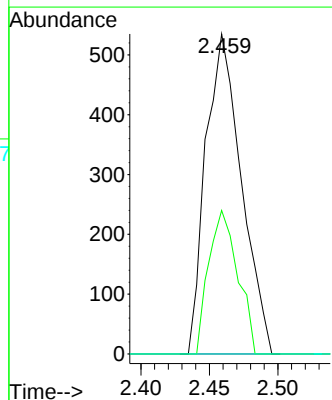
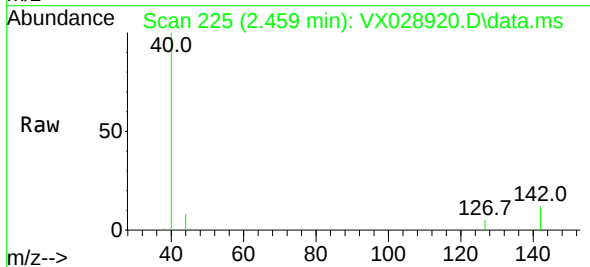
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

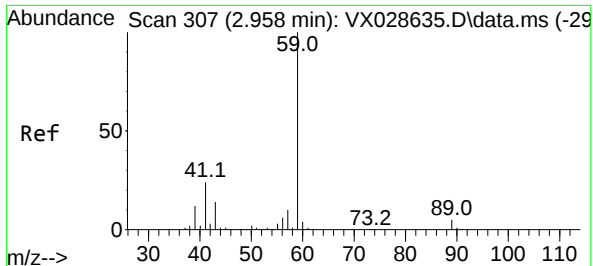
Tgt Ion: 64 Resp: 1544
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.212 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.007 min
Lab File: VX028920.D
Acq: 24 May 2022 14:45

Tgt Ion: 142 Resp: 968
Ion Ratio Lower Upper
142 100
127 36.6 33.9 50.9
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 7.814 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.011 min

Lab File: VX028920.D

Acq: 24 May 2022 14:45

Instrument :

MSVOA_X

ClientSampleId :

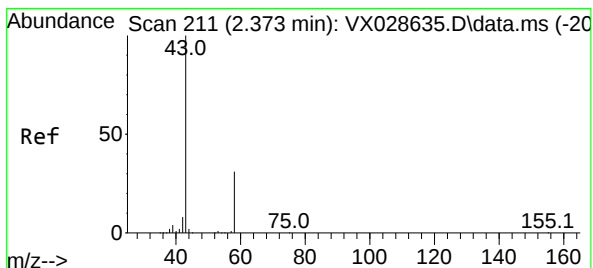
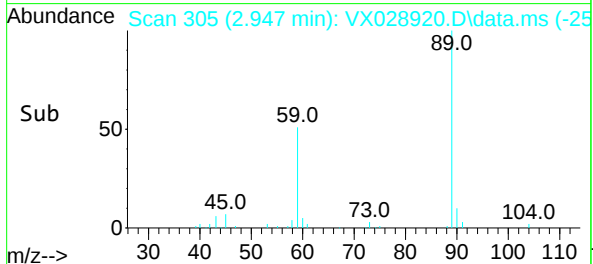
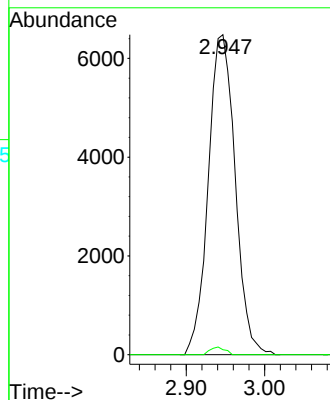
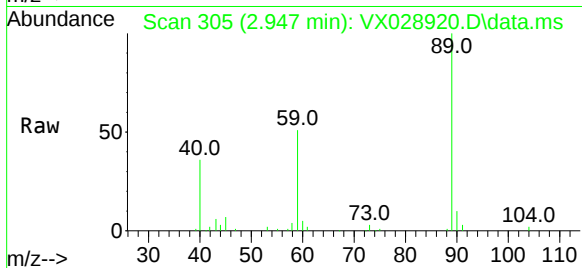
TRIP-BLANK

Tgt Ion: 59 Resp: 15457

Ion Ratio Lower Upper

59 100

57 1.3 8.3 12.5#



#16

Acetone

Concen: 0.845 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.013 min

Lab File: VX028920.D

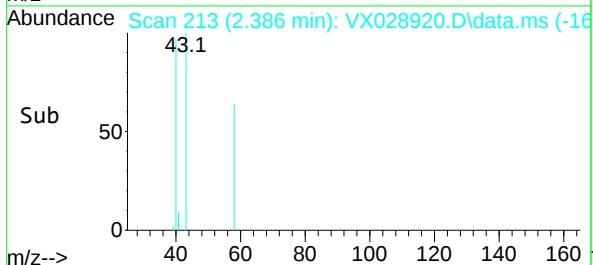
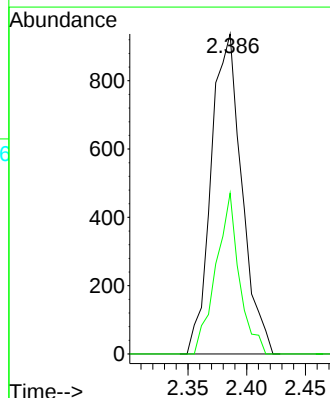
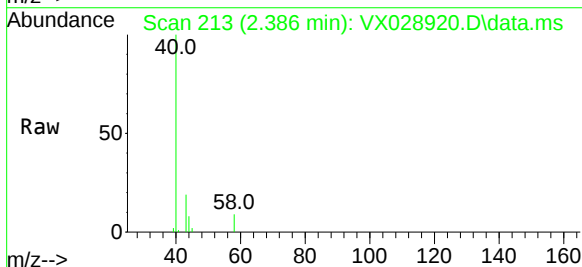
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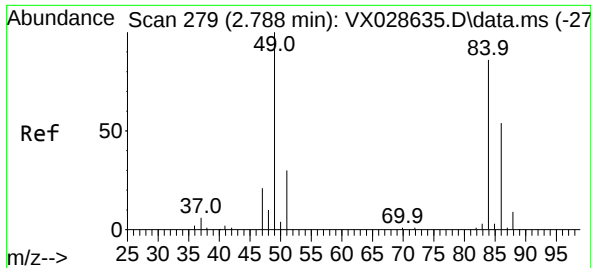
Tgt Ion: 43 Resp: 1700

Ion Ratio Lower Upper

43 100

58 50.3 28.8 43.2#

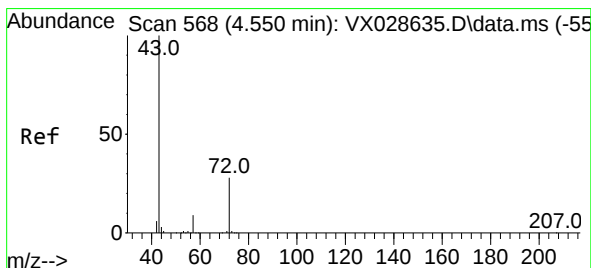
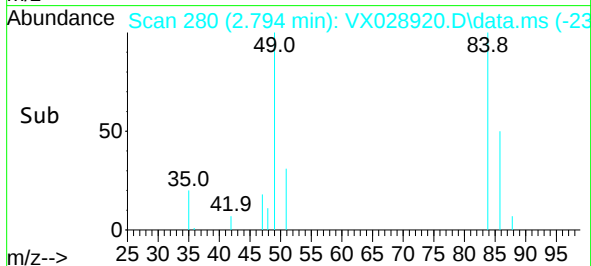
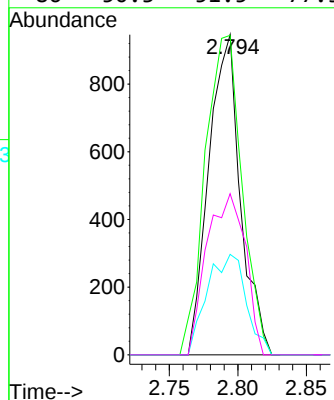
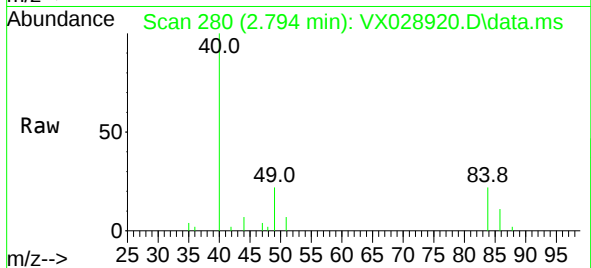




#20
Methylene Chloride
Concen: 0.360 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028920.D
Acq: 24 May 2022 14:45

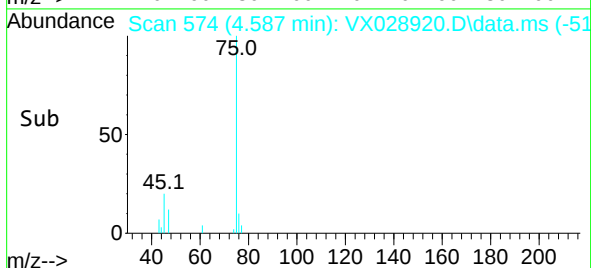
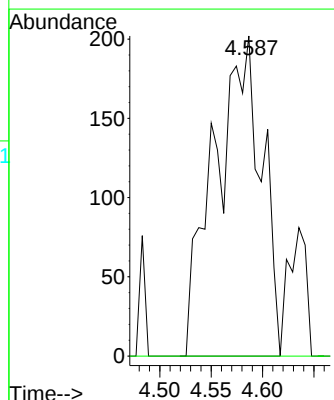
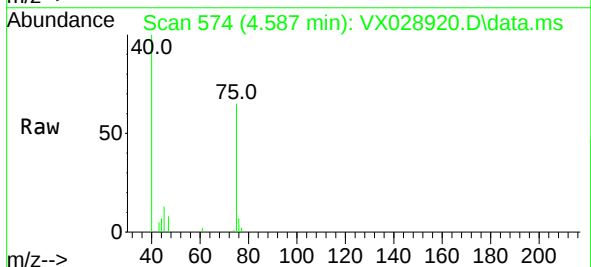
Instrument :
MSVOA_X
ClientSampleId :
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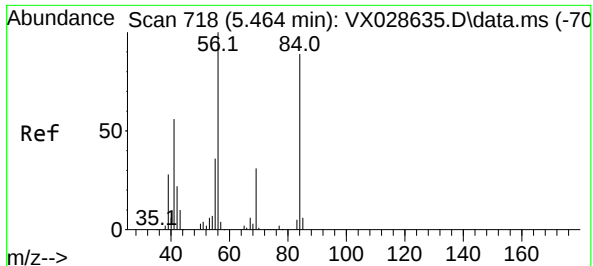
Tgt Ion: 84	Resp: 1518
Ion Ratio	Lower Upper
84 100	
49 99.8	85.5 128.3
51 31.4	26.6 39.8
86 50.3	51.5 77.3



#25
2-Butanone
Concen: 0.204 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.037 min
Lab File: VX028920.D
Acq: 24 May 2022 14:45

Tgt Ion: 43	Resp: 643
Ion Ratio	Lower Upper
43 100	
72 0.0	24.4 36.6

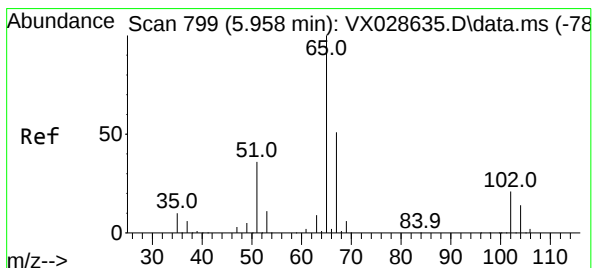
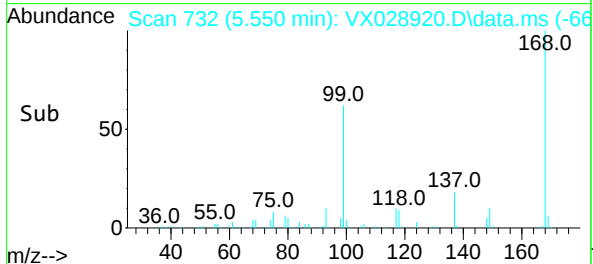
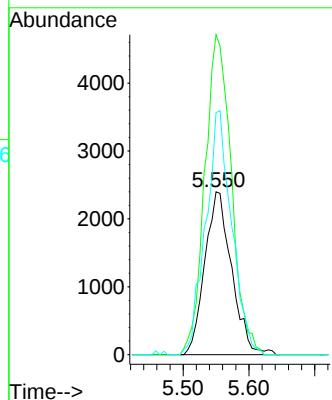
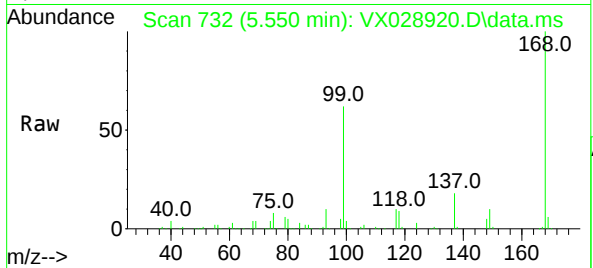




#31
Cyclohexane
Concen: 1.046 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX028920.D
Acq: 24 May 2022 14:45

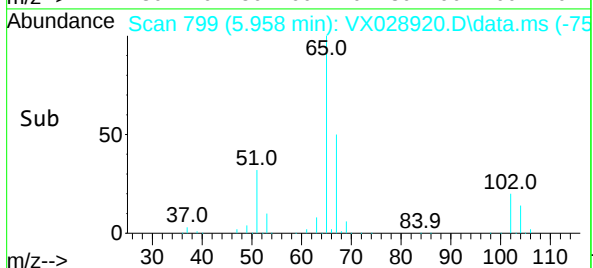
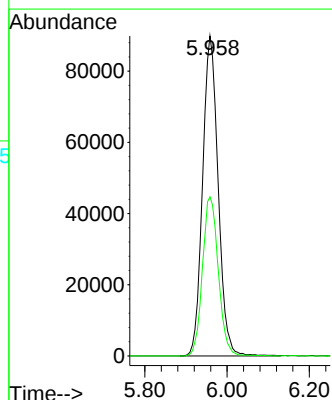
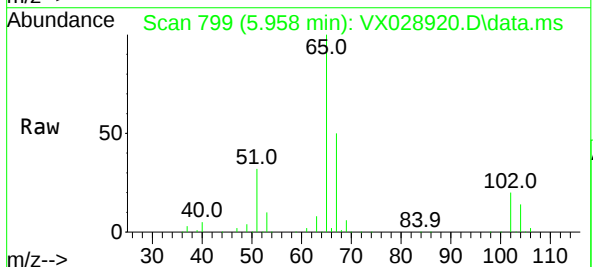
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ClientSampleId :
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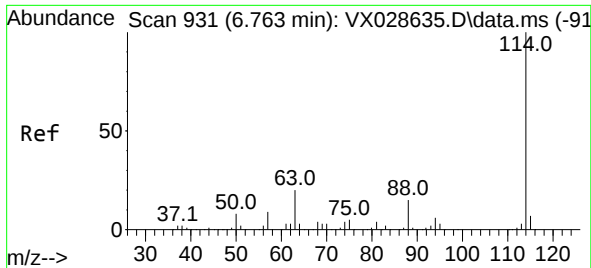
Tgt Ion: 56 Resp: 6804
Ion Ratio Lower Upper
56 100
69 196.5 26.7 40.1#
84 148.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.431 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028920.D
Acq: 24 May 2022 14:45

Tgt Ion: 65 Resp: 236319
Ion Ratio Lower Upper
65 100
67 50.6 0.0 107.4

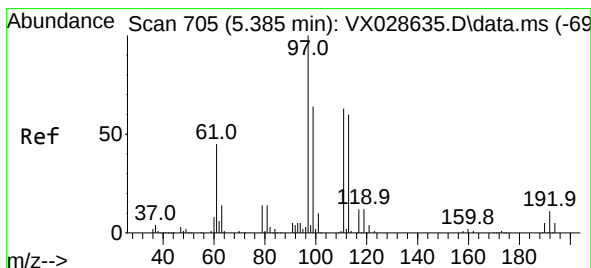
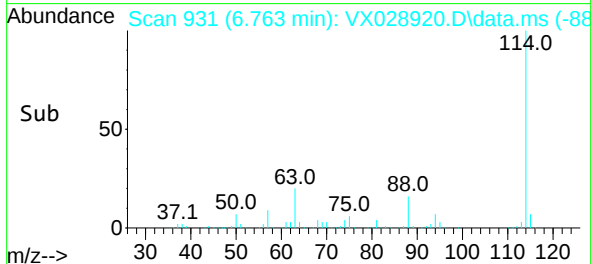
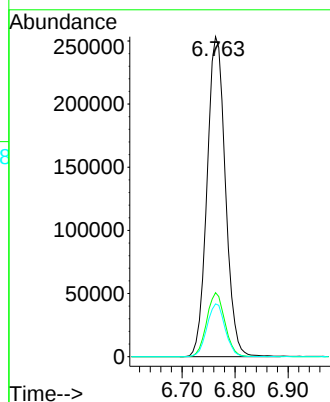
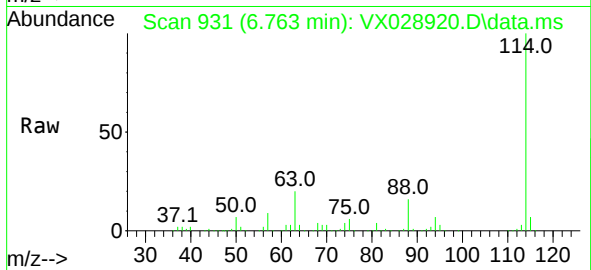




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX028920.D
Acq: 24 May 2022 14:45

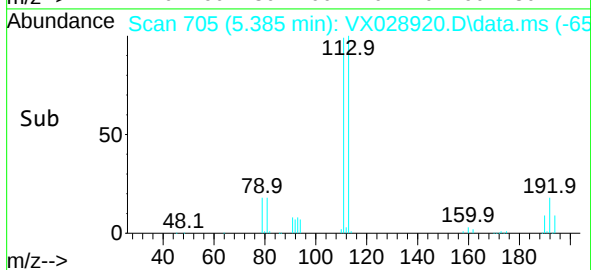
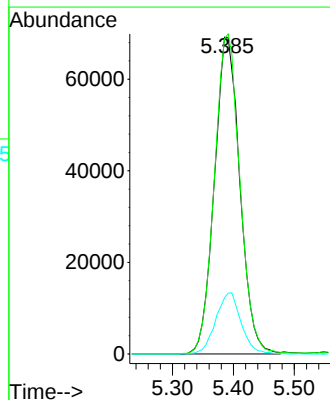
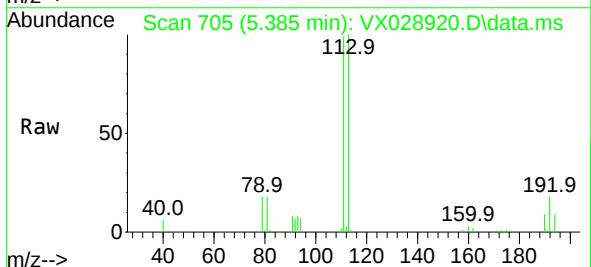
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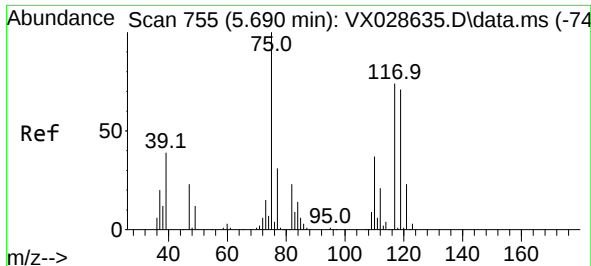
Tgt Ion:114 Resp: 608511
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.441 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028920.D
Acq: 24 May 2022 14:45

Tgt Ion:113 Resp: 201102
Ion Ratio Lower Upper
113 100
111 101.2 82.8 124.2
192 19.2 16.9 25.3

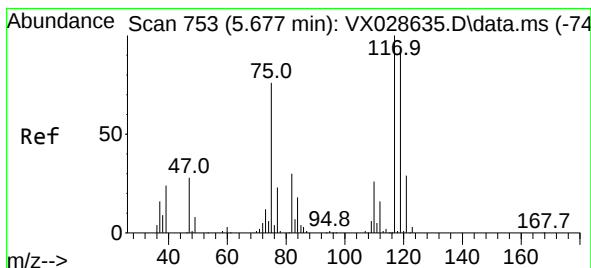
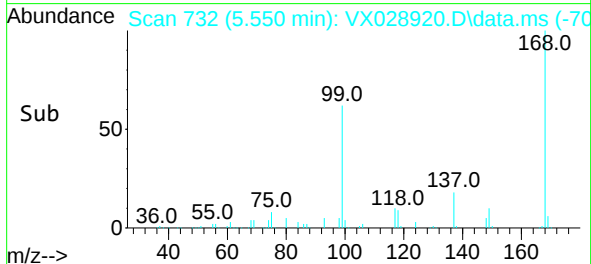
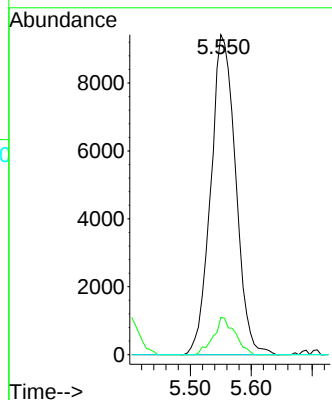
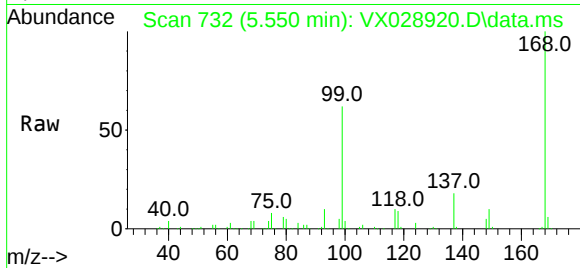




#36
1,1-Dichloropropene
Concen: 4.461 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX028920.D
Acq: 24 May 2022 14:45

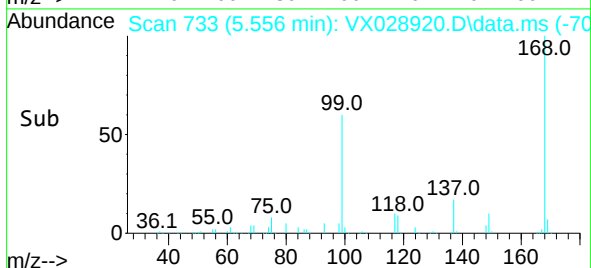
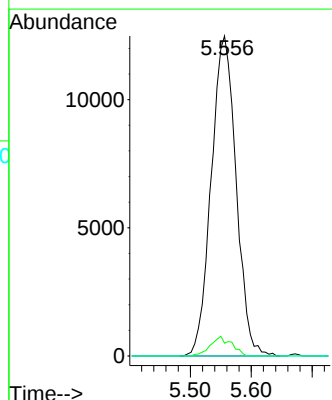
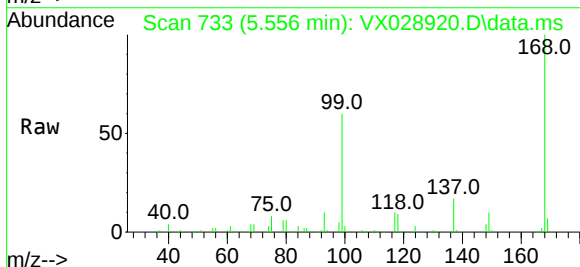
Instrument :
MSVOA_X
ClientSampleId :
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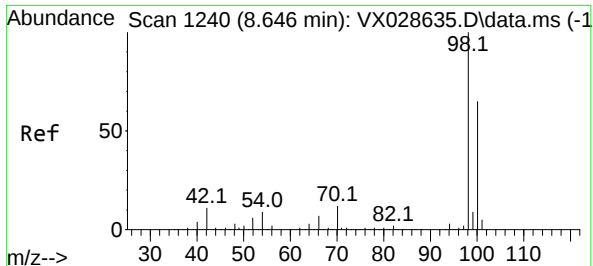
Tgt Ion: 75 Resp: 26712
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.880 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028920.D
Acq: 24 May 2022 14:45

Tgt Ion: 117 Resp: 35438
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.2 36.2#

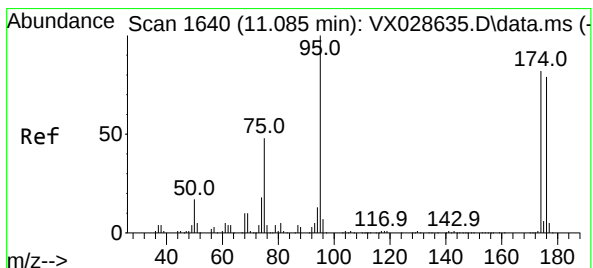
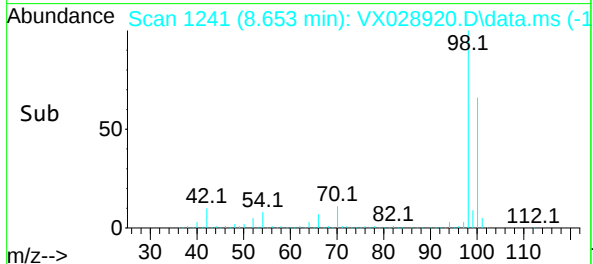
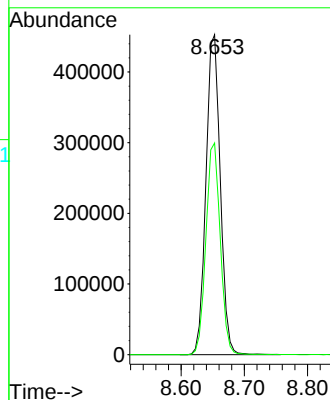
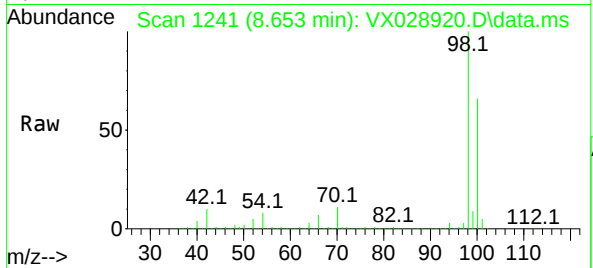




#50
Toluene-d8
Concen: 47.510 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028920.D
Acq: 24 May 2022 14:45

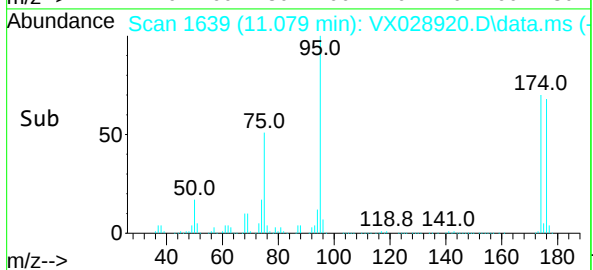
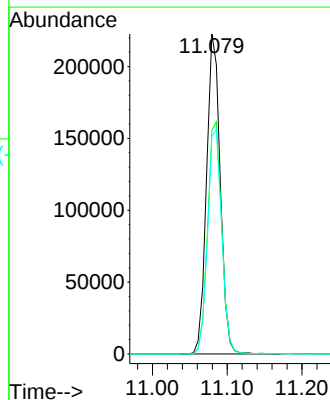
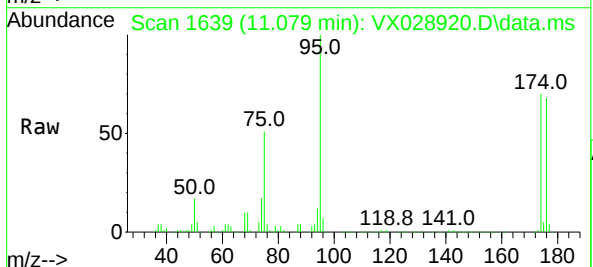
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MSVOA_X
ClientSampleId :
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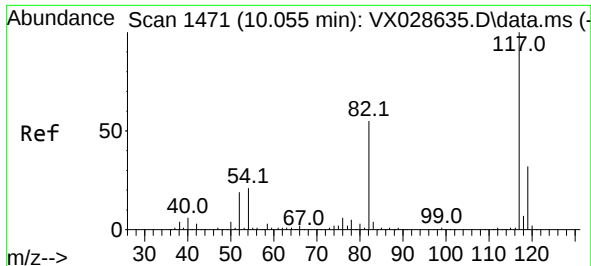
Tgt Ion: 98 Resp: 714141
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.409 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028920.D
Acq: 24 May 2022 14:45

Tgt Ion: 95 Resp: 283013
Ion Ratio Lower Upper
95 100
174 75.1 0.0 163.0
176 72.2 0.0 155.0

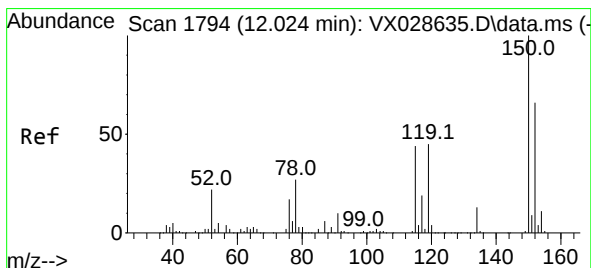
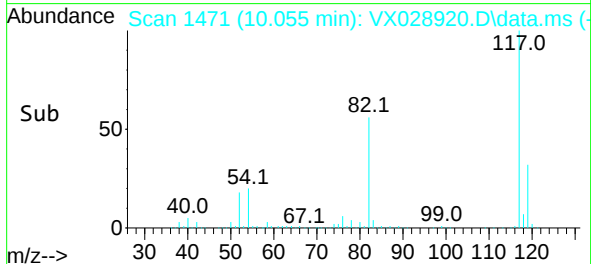
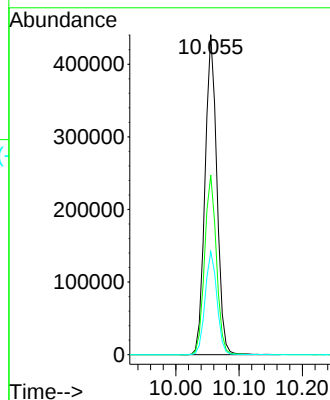
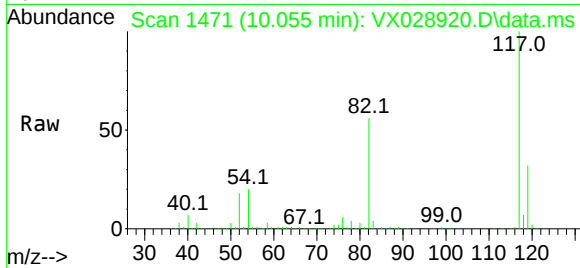




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028920.D
Acq: 24 May 2022 14:45

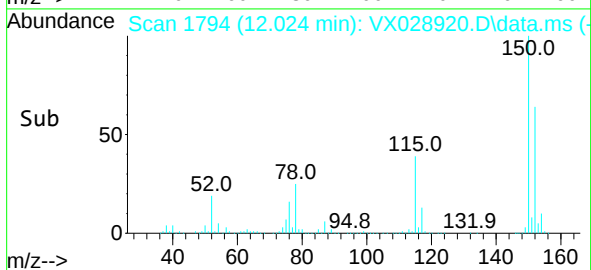
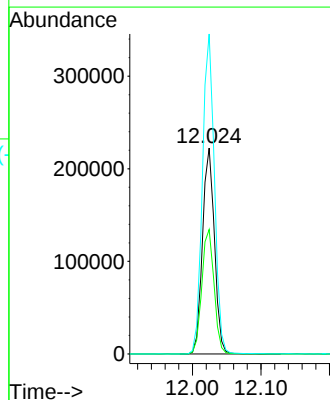
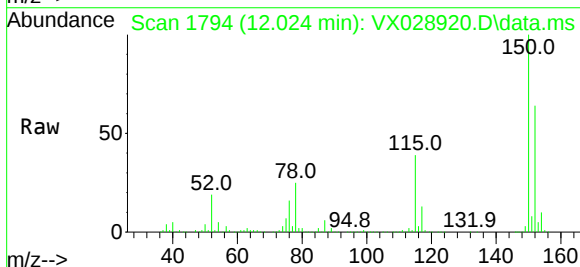
Instrument :
MSVOA_X
ClientSampleId :
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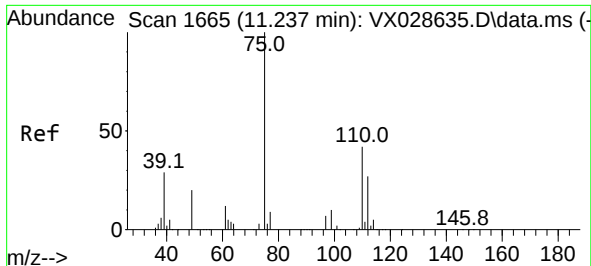
Tgt Ion:117 Resp: 576118
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028920.D
Acq: 24 May 2022 14:45

Tgt Ion:152 Resp: 270852
Ion Ratio Lower Upper
152 100
115 61.9 37.5 112.7
150 155.7 0.0 338.2

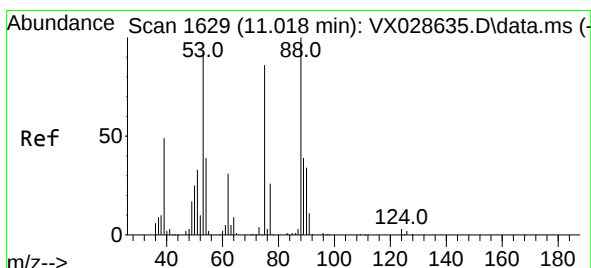
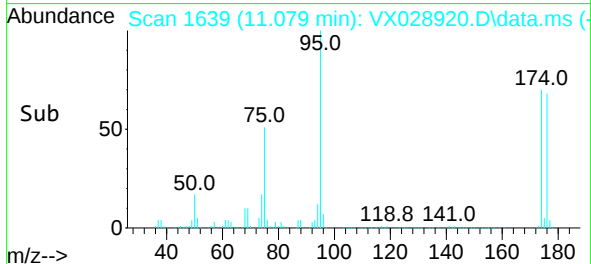
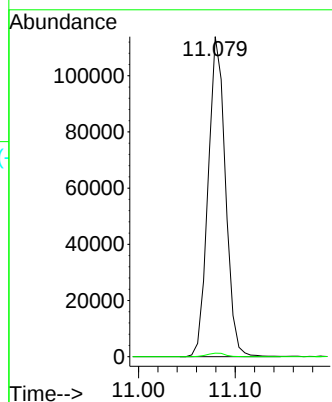
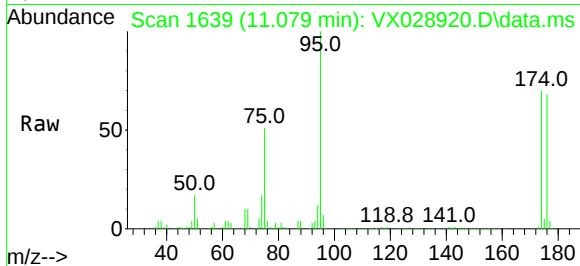




#76
1,2,3-Trichloropropane
Concen: 22.392 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028920.D
Acq: 24 May 2022 14:45

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 142035
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.500 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028920.D
Acq: 24 May 2022 14:45

Tgt Ion: 75 Resp: 142035
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

