

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052322\
 Data File : VX028889.D
 Acq On : 23 May 2022 13:07
 Operator : JC/MD
 Sample : VX0523WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBL01

Quant Time: May 23 15:31:59 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

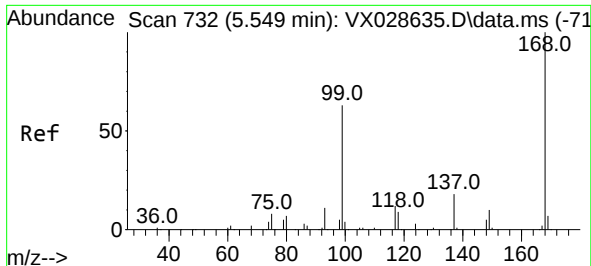
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	351411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	612618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	583331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	245418	50.948	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.900%			
35) Dibromofluoromethane	5.391	113	206308	51.400	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.800%			
50) Toluene-d8	8.653	98	729098	48.180	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.360%			
62) 4-Bromofluorobenzene	11.079	95	287430	50.853	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.700%			
Target Compounds						
5) Bromomethane	1.618	94	1597	Below Cal	Qvalue 98	
6) Chloroethane	1.697	64	344	Below Cal	# 43	
10) Methyl Iodide	2.465	142	1248	0.266	ug/l 95	
11) Tert butyl alcohol	2.947	59	1668	Below Cal	# 72	
16) Acetone	2.386	43	1207	0.584	ug/l # 85	
31) Cyclohexane	5.556	56	7234	1.082	ug/l # 1	
36) 1,1-Dichloropropene	5.556	75	28253	4.686	ug/l # 50	
38) Carbon Tetrachloride	5.556	117	37009	6.100	ug/l # 15	
44) Trichloroethene	7.129	130	1293	0.275	ug/l 93	
53) t-1,3-Dichloropropene	8.988	75	132	1.659	ug/l # 43	
76) 1,2,3-Trichloropropane	11.079	75	145926	23.060	ug/l # 38	
81) trans-1,4-Dichloro-2-b...	11.079	75	145926	67.340	ug/l # 15	
94) Hexachlorobutadiene	13.725	225	513	0.234	ug/l 86	

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

Quant Time: May 23 15:31:59 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

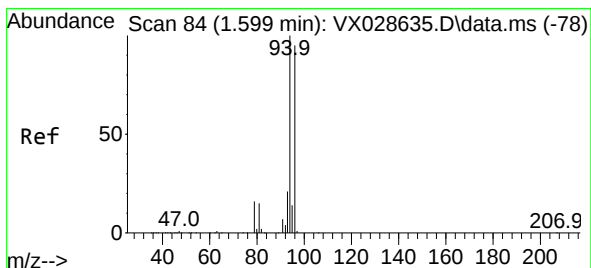
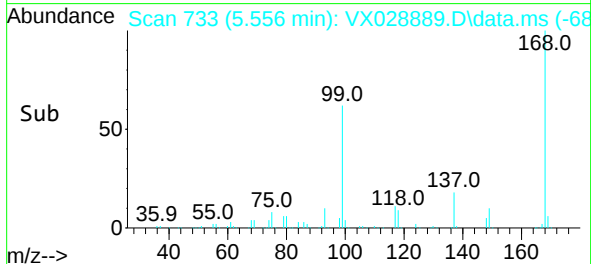
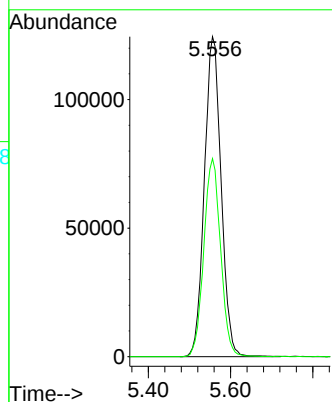
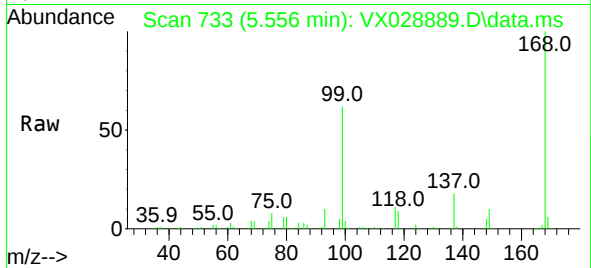




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

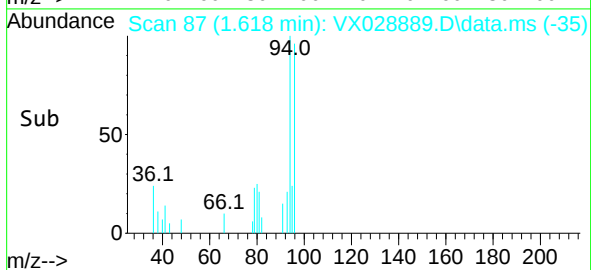
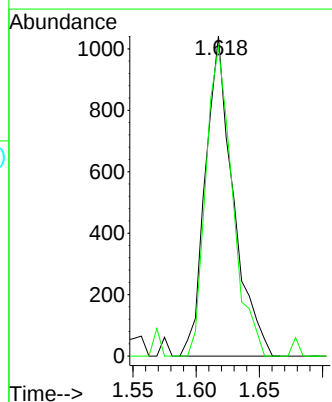
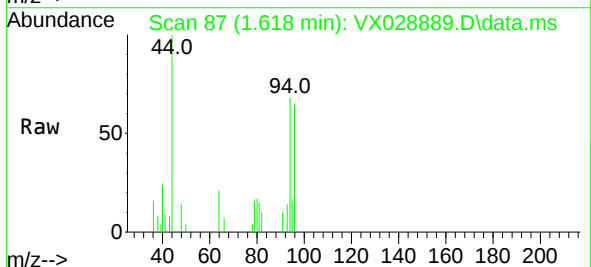
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

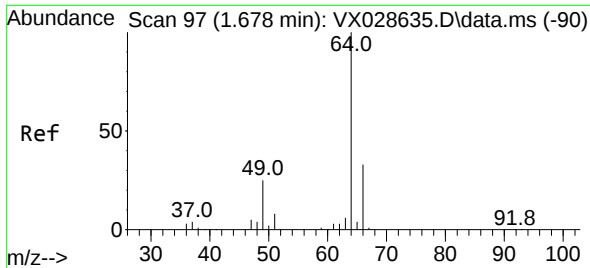
Tgt Ion:168 Resp: 351411
Ion Ratio Lower Upper
168 100
99 61.9 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

Tgt Ion: 94 Resp: 1597
Ion Ratio Lower Upper
94 100
96 96.4 75.3 112.9

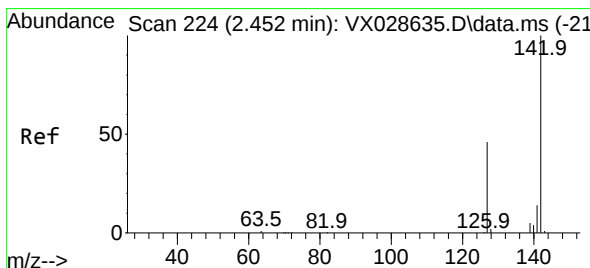
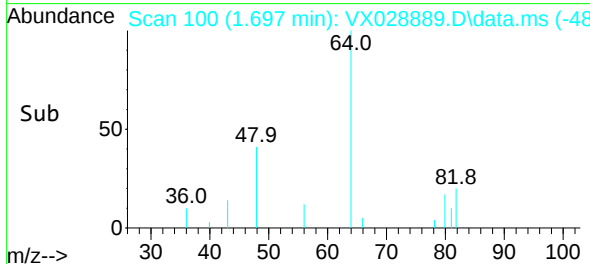
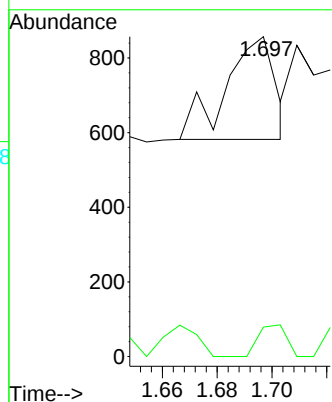
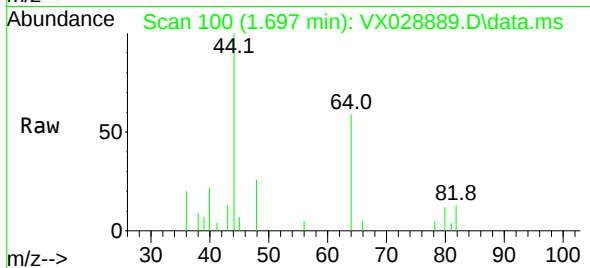




#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

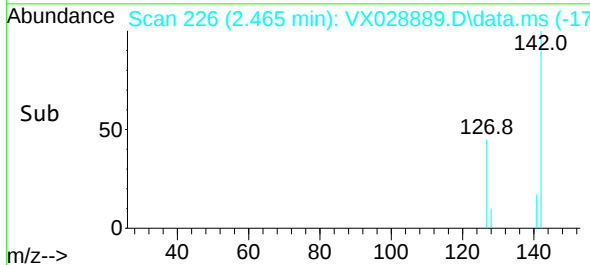
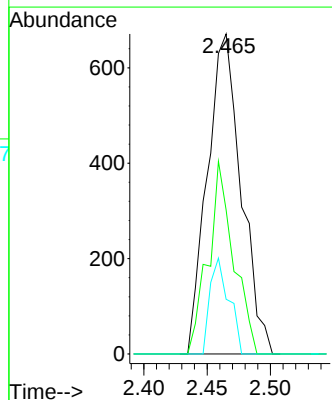
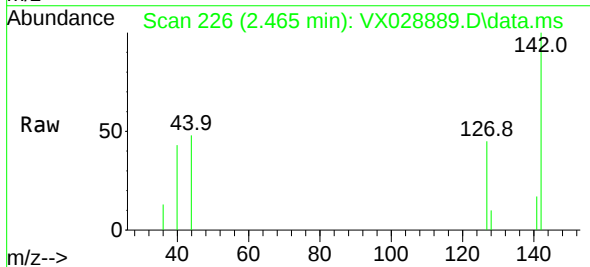
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

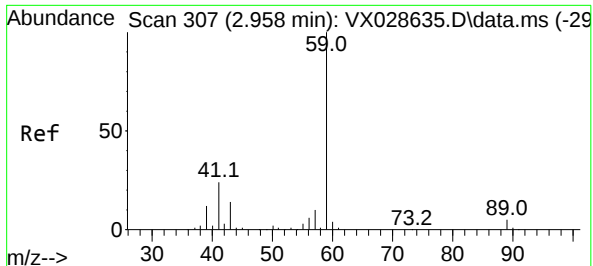
Tgt Ion: 64 Resp: 344
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.266 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.013 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

Tgt Ion: 142 Resp: 1248
Ion Ratio Lower Upper
142 100
127 45.3 33.9 50.9
141 16.7 11.4 17.2

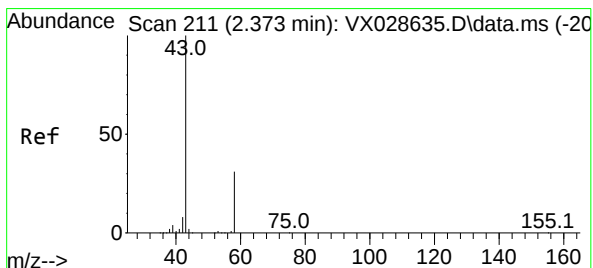
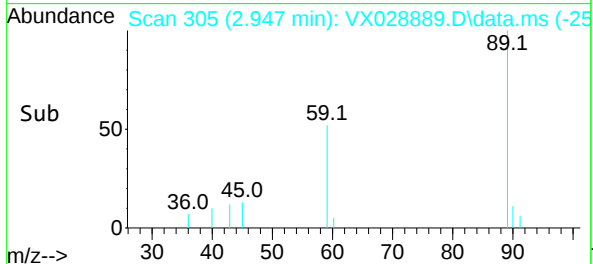
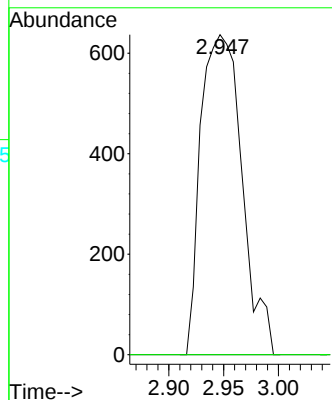
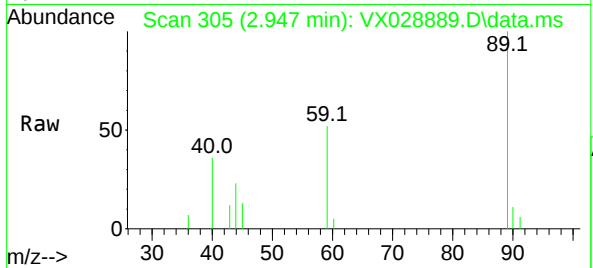




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 307
Delta R.T. -0.011 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

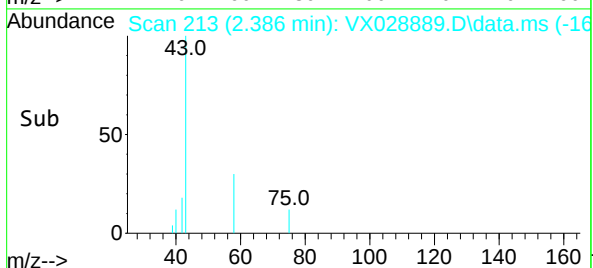
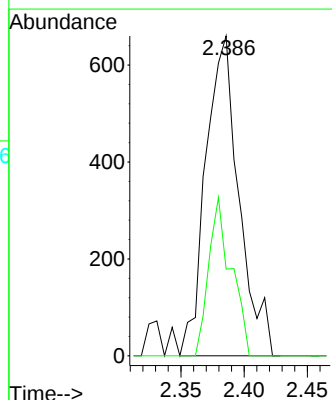
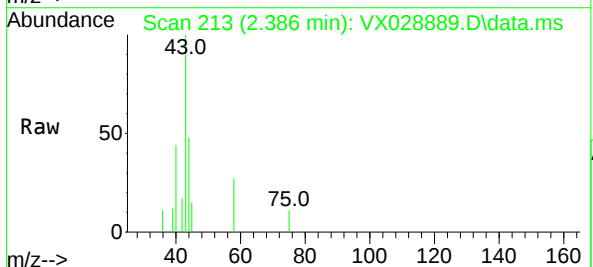
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

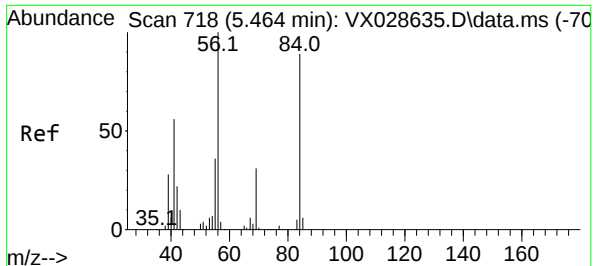
Tgt Ion: 59 Resp: 1668
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.584 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

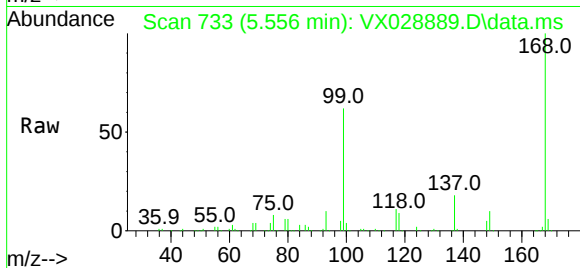
Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
58 27.1 28.8 43.2#



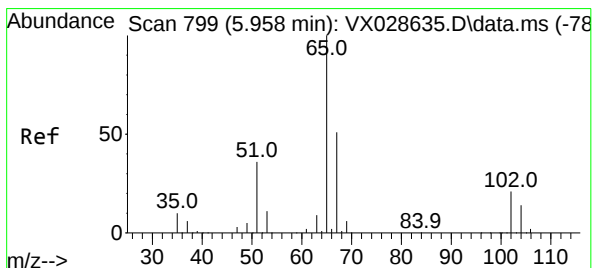
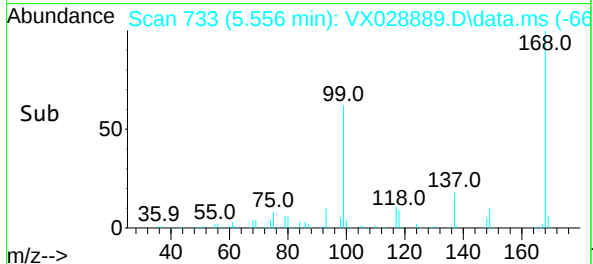
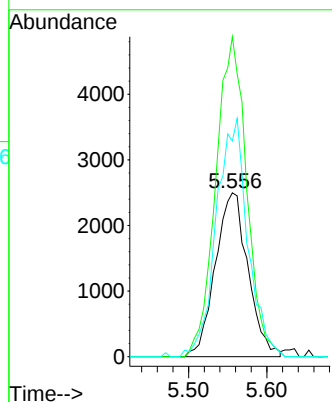


#31
Cyclohexane
Concen: 1.082 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

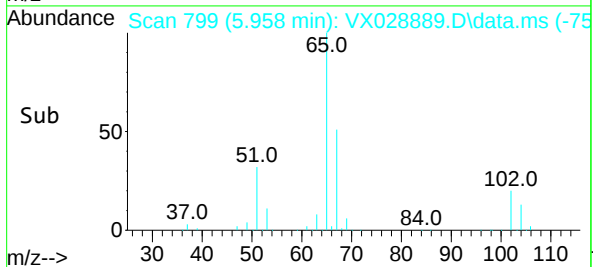
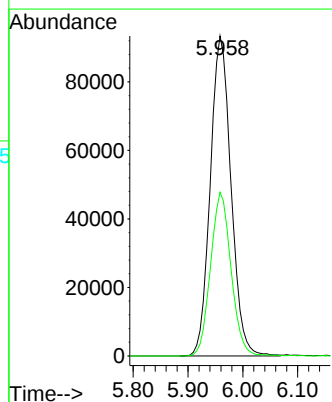
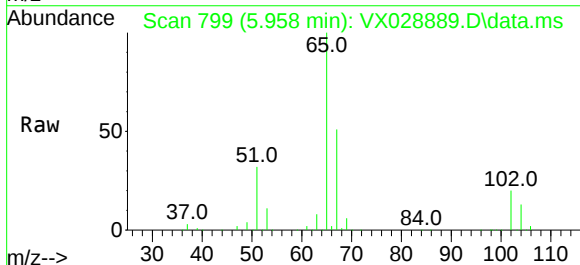


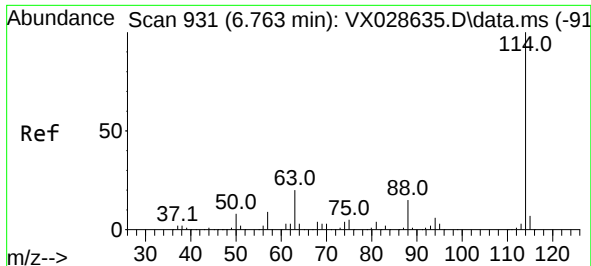
Tgt Ion: 56 Resp: 7234
Ion Ratio Lower Upper
56 100
69 195.4 26.7 40.1#
84 131.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.948 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

Tgt Ion: 65 Resp: 245418
Ion Ratio Lower Upper
65 100
67 50.6 0.0 107.4

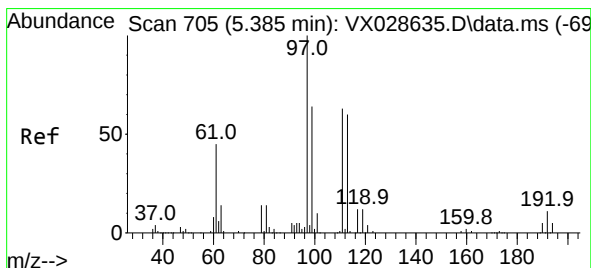
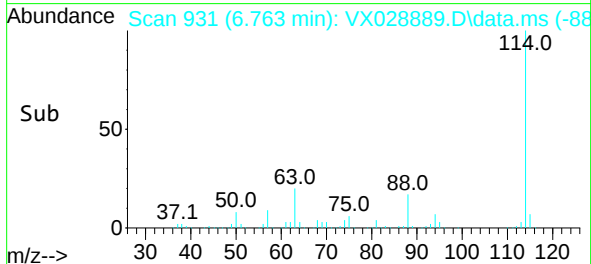
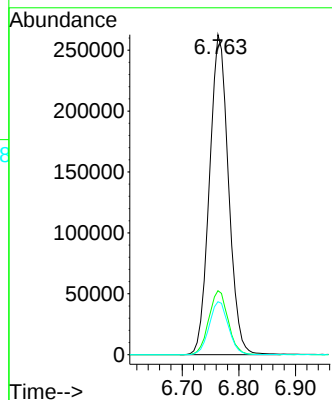
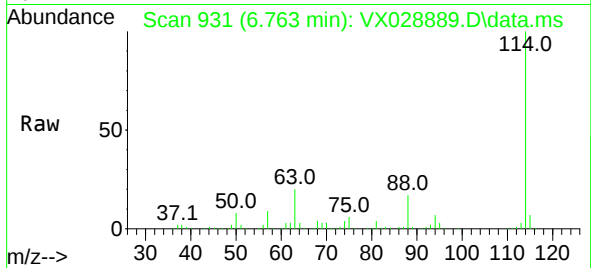




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

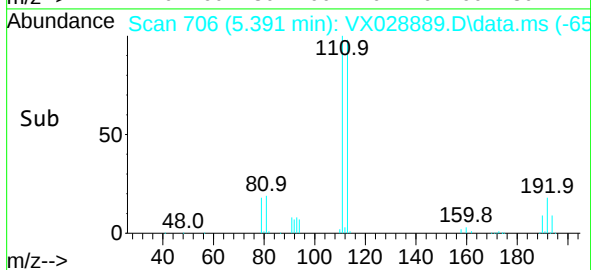
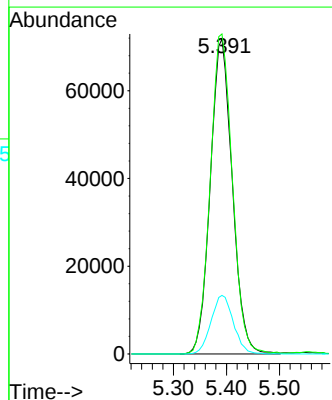
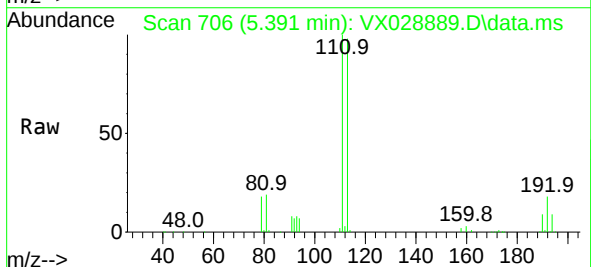
Instrument :
MSVOA_X
ClientSampleId :
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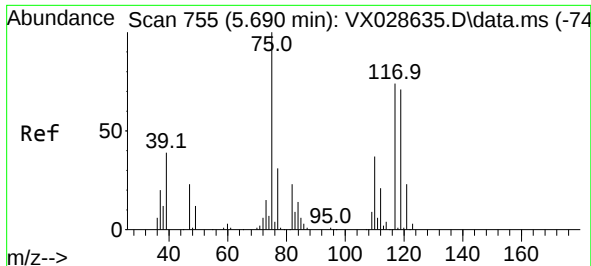
Tgt Ion:114 Resp: 612618
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.8
88 16.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.400 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

Tgt Ion:113 Resp: 206308
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 18.9 16.9 25.3

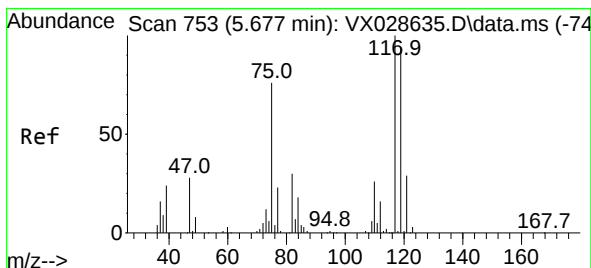
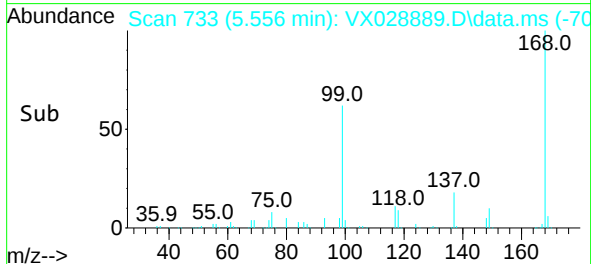
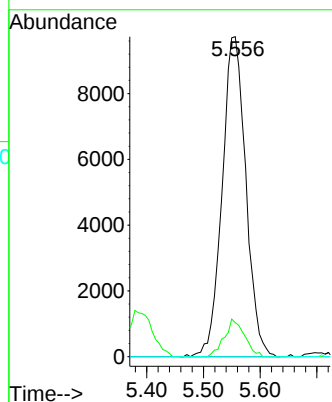
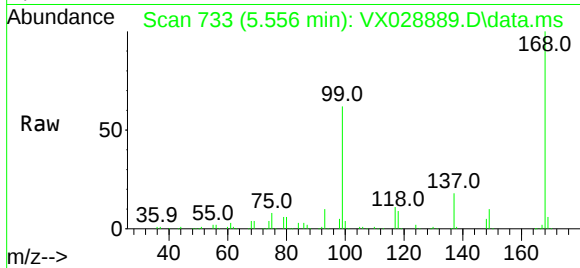




#36
1,1-Dichloropropene
Concen: 4.686 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

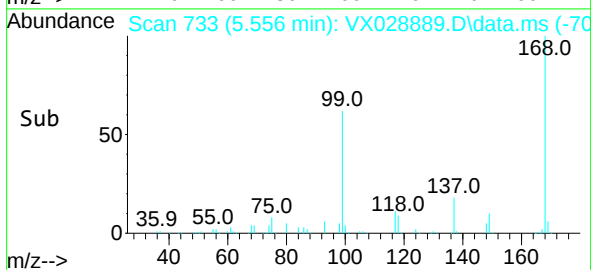
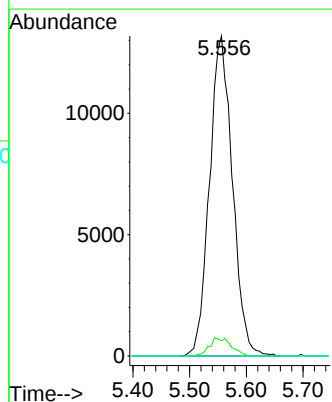
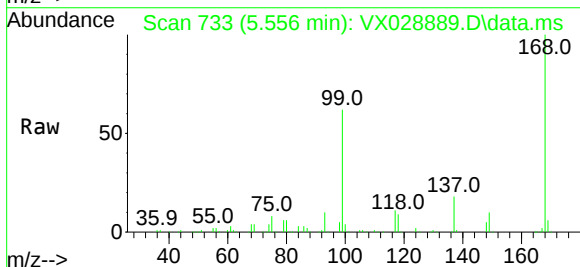
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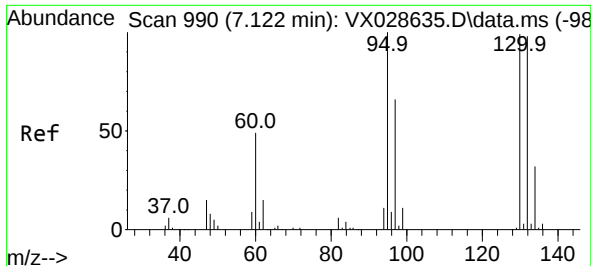
Tgt Ion: 75 Resp: 28253
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.100 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

Tgt Ion: 117 Resp: 37009
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#

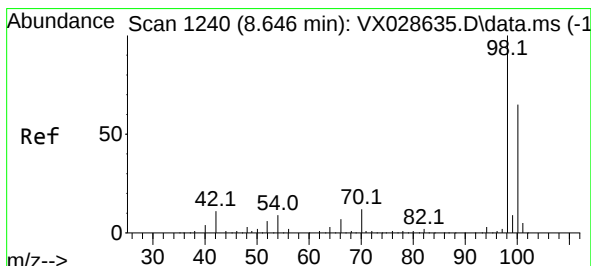
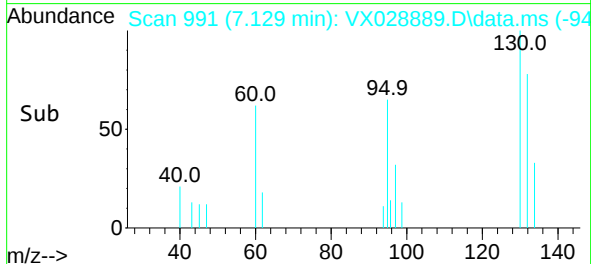
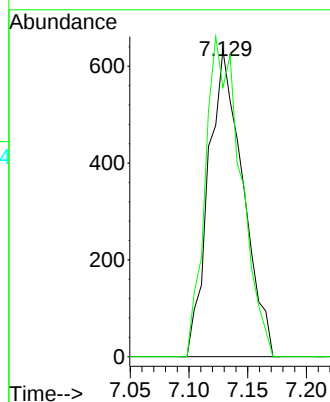
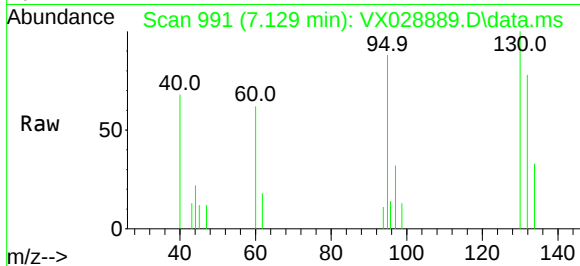




#44
Trichloroethene
Concen: 0.275 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

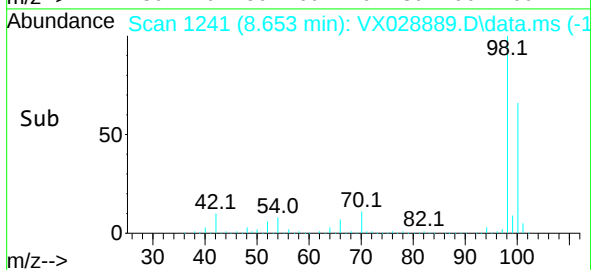
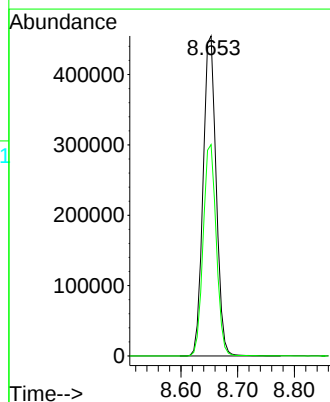
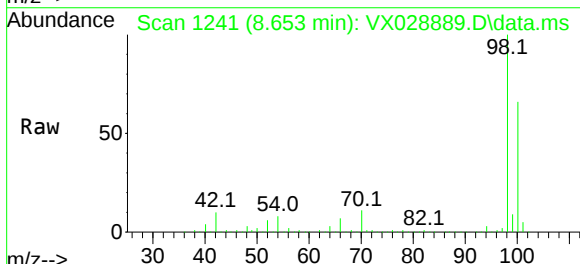
Instrument :
MSVOA_X
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VX0523WBL01

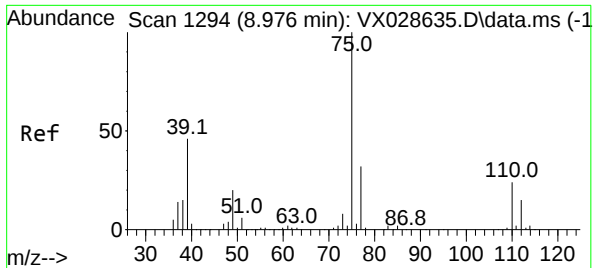
Tgt Ion:130 Resp: 1293
Ion Ratio Lower Upper
130 100
95 87.7 0.0 188.8



#50
Toluene-d8
Concen: 48.180 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

Tgt Ion: 98 Resp: 729098
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

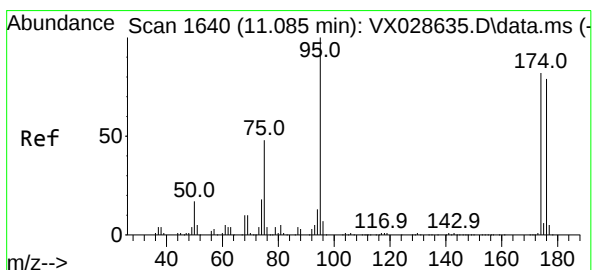
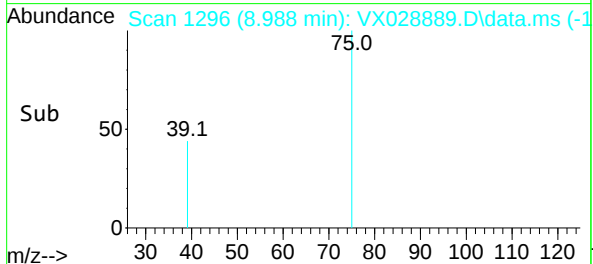
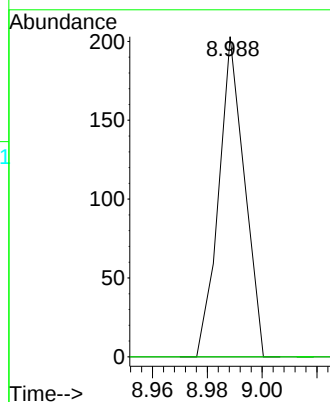
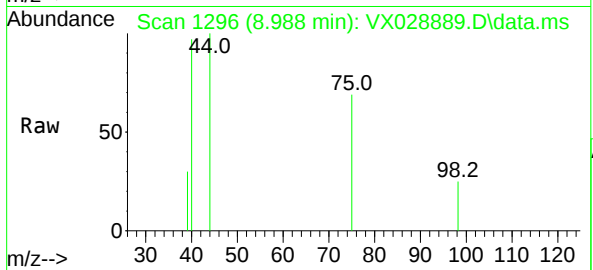




#53
t-1,3-Dichloropropene
Concen: 1.659 ug/l
RT: 8.988 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

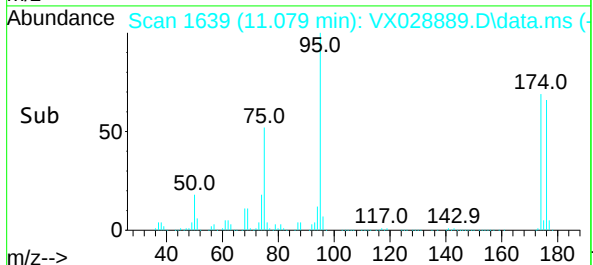
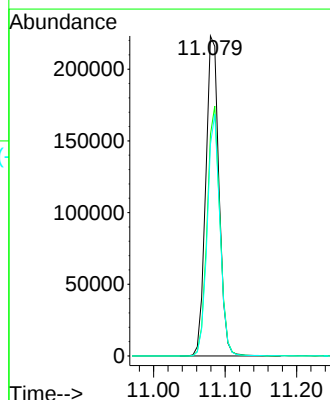
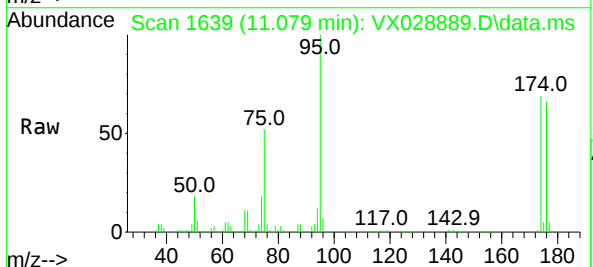
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

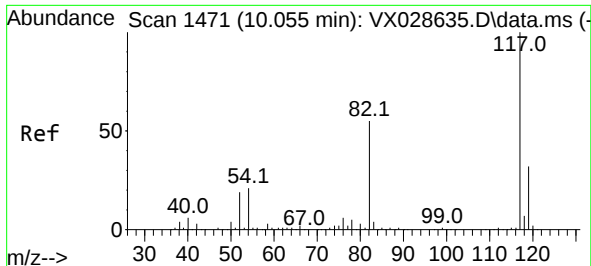
Tgt Ion: 75 Resp: 132
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



#62
4-Bromofluorobenzene
Concen: 50.853 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

Tgt Ion: 95 Resp: 287430
Ion Ratio Lower Upper
95 100
174 75.3 0.0 163.0
176 72.2 0.0 155.0

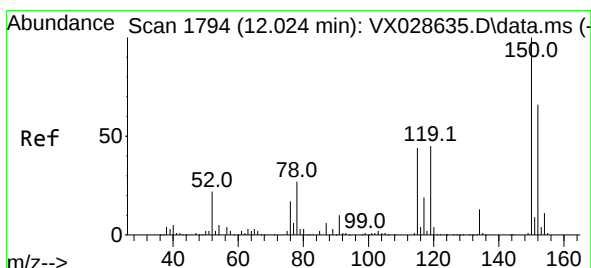
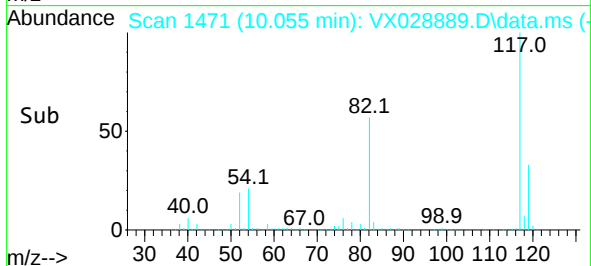
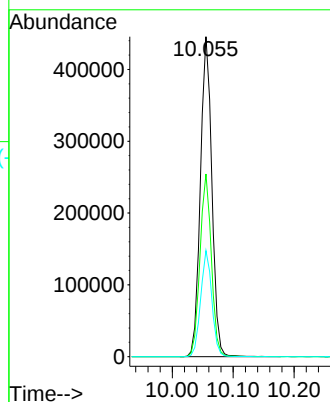
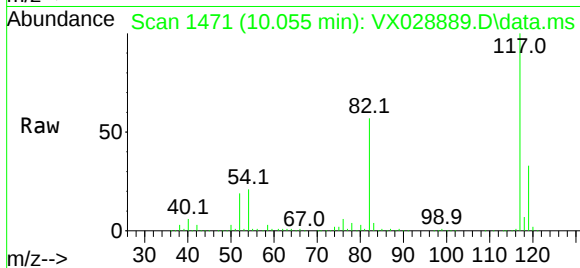




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

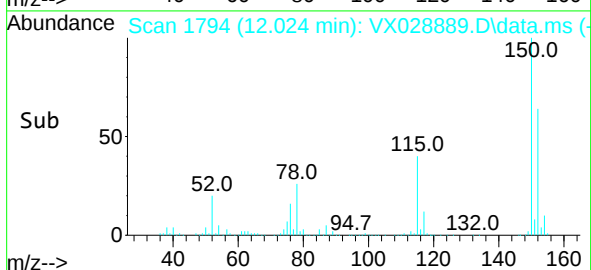
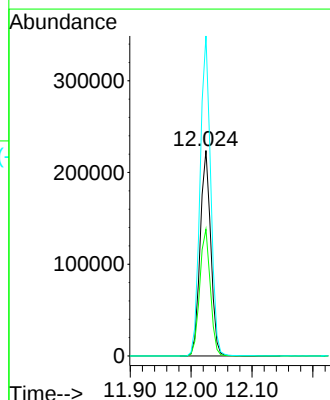
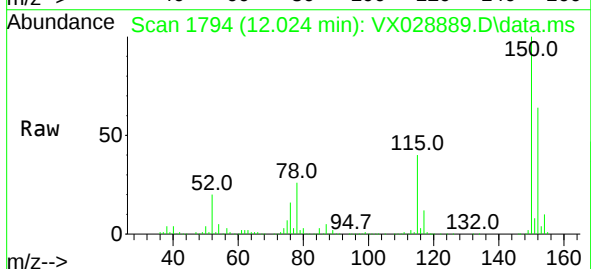
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

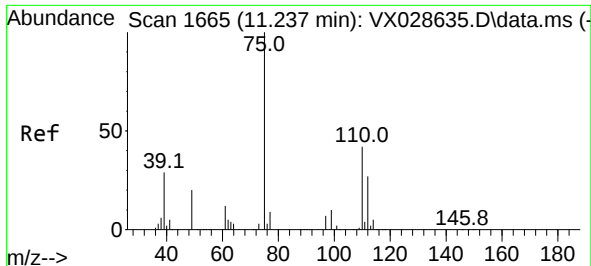
Tgt Ion:117 Resp: 583331
Ion Ratio Lower Upper
117 100
82 57.1 41.8 62.8
119 33.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

Tgt Ion:152 Resp: 270207
Ion Ratio Lower Upper
152 100
115 61.7 37.5 112.7
150 155.6 0.0 338.2

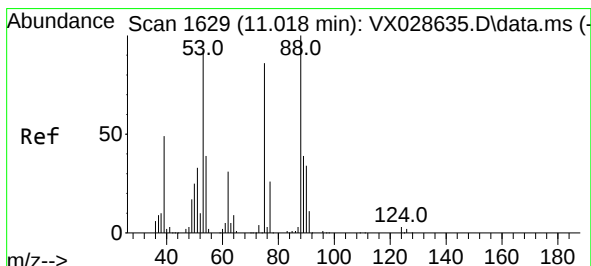
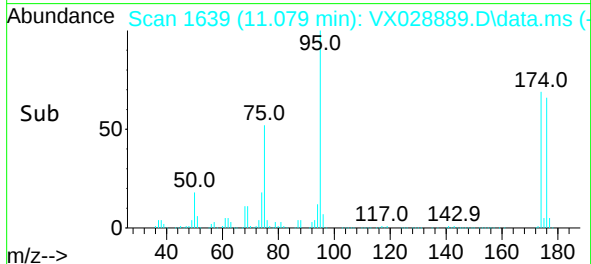
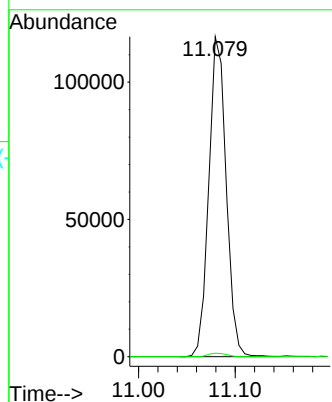
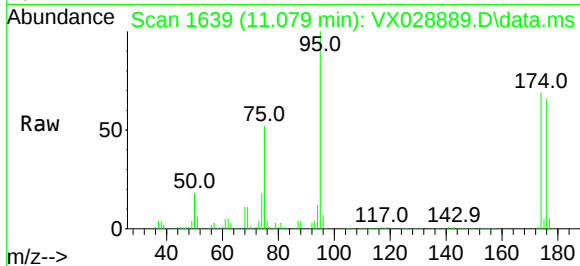




#76
1,2,3-Trichloropropane
Concen: 23.060 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

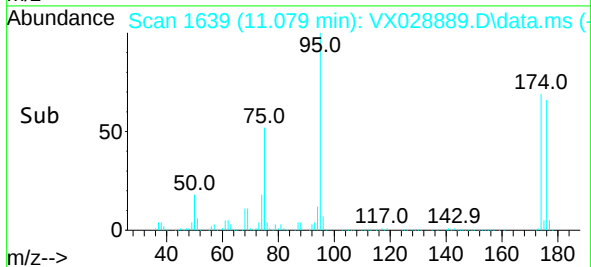
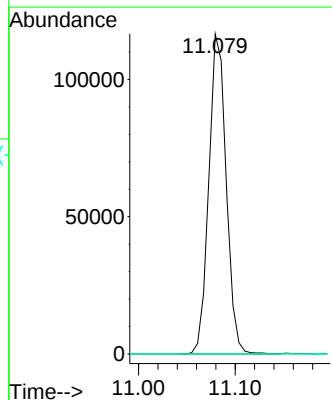
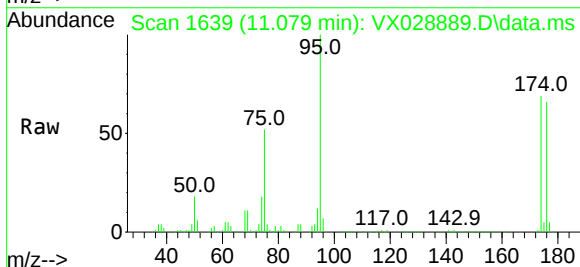
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

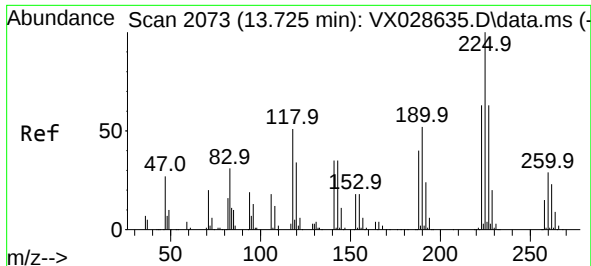
Tgt Ion: 75 Resp: 145926
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.340 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028889.D
Acq: 23 May 2022 13:07

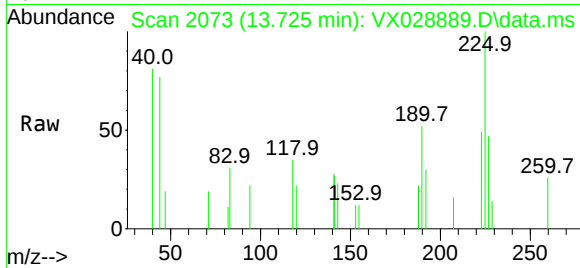
Tgt Ion: 75 Resp: 145926
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: 0.234 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX028889.D
 Acq: 23 May 2022 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBL01



Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.3	34.2	102.5
227	57.3	33.9	101.7

