

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028772.D
 Acq On : 17 May 2022 20:46
 Operator : JC/MD
 Sample : N2884-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31572

Quant Time: May 18 04:56:06 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)

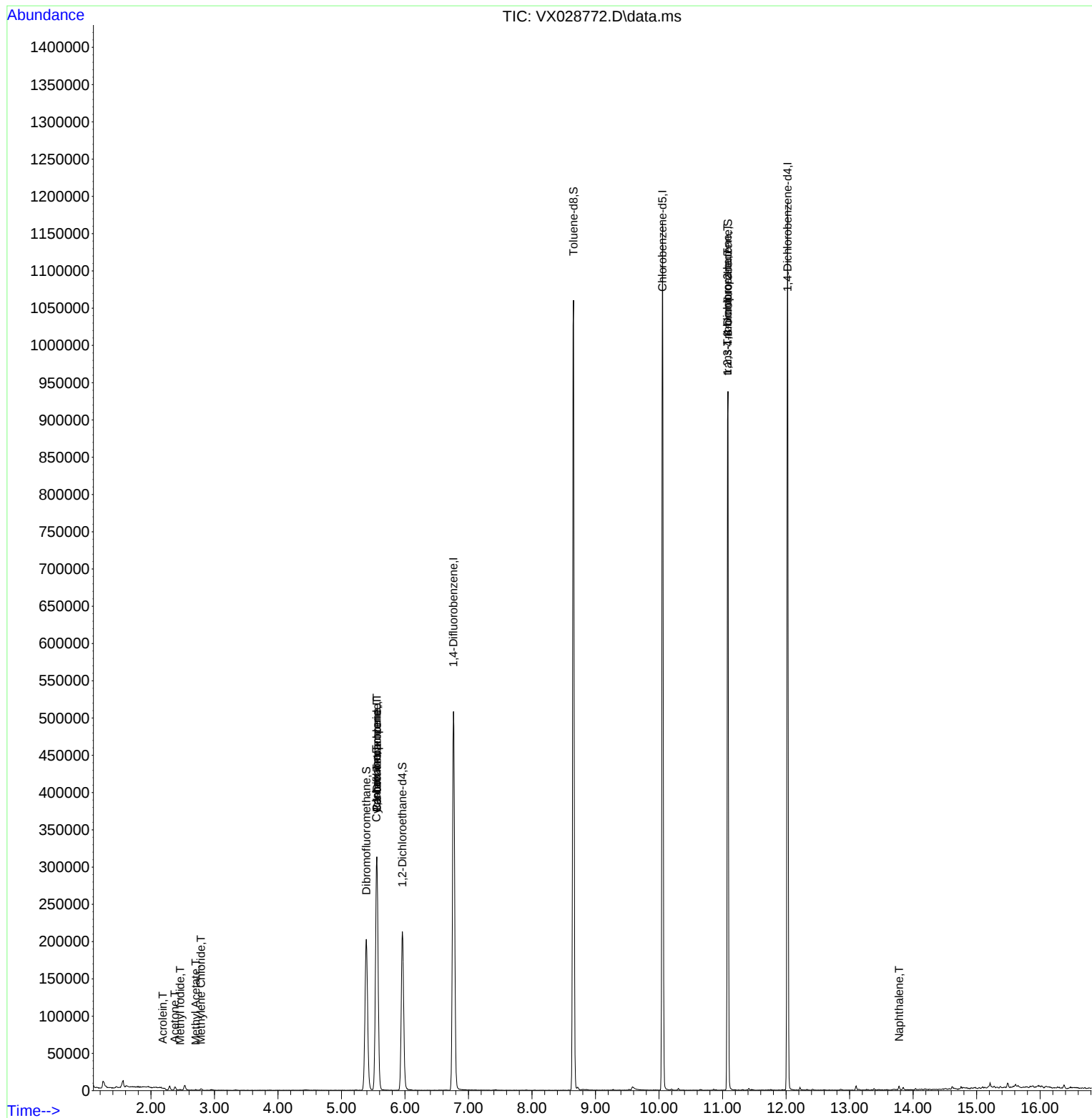
Internal Standards						
1) Pentafluorobenzene	5.556	168	293556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	527329	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	504003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203022	50.453	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.900%			
35) Dibromofluoromethane	5.391	113	173656	50.262	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.520%			
50) Toluene-d8	8.653	98	632614	48.566	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.140%			
62) 4-Bromofluorobenzene	11.085	95	244126	50.177	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.360%			
Target Compounds						Qvalue
5) Bromomethane	1.611	94	736	Below Cal		99
6) Chloroethane	1.678	64	289	Below Cal	#	43
10) Methyl Iodide	2.459	142	860	0.219 ug/l	#	84
11) Tert butyl alcohol	2.953	59	853	Below Cal	#	72
13) Acrolein	2.184	56	155	0.235 ug/l	#	15
16) Acetone	2.373	43	4761	2.757 ug/l		94
18) Methyl Acetate	2.703	43	1121	0.259 ug/l	#	70
20) Methylene Chloride	2.788	84	961	0.265 ug/l	#	78
31) Cyclohexane	5.550	56	6857	1.228 ug/l	#	12
36) 1,1-Dichloropropene	5.556	75	23862	4.598 ug/l	#	49
38) Carbon Tetrachloride	5.556	117	31002	5.936 ug/l	#	15
76) 1,2,3-Trichloropropane	11.079	75	130229	23.932 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	130229	69.739 ug/l	#	15
95) Naphthalene	13.780	128	3539	0.214 ug/l		99

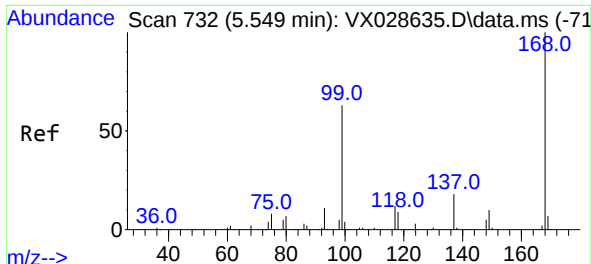
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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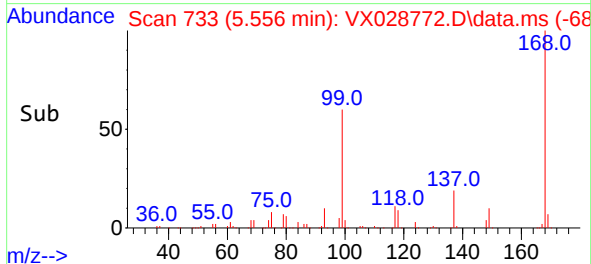
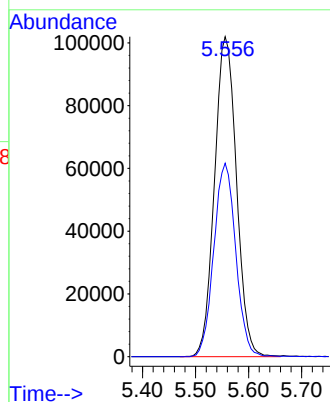
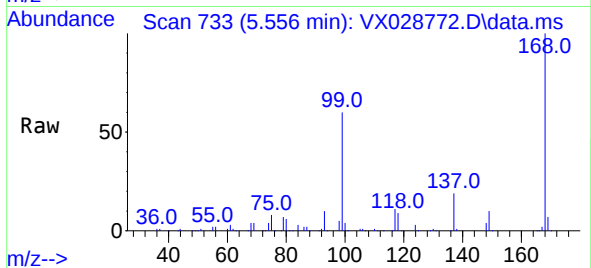




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028772.D
Acq: 17 May 2022 20:46

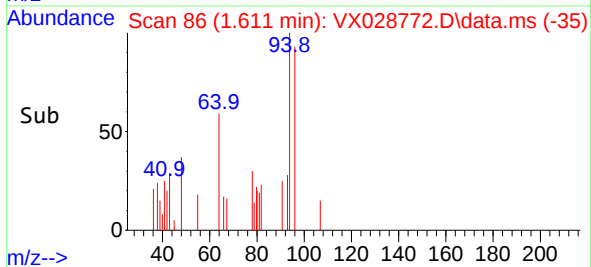
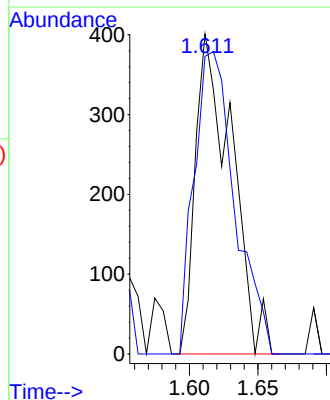
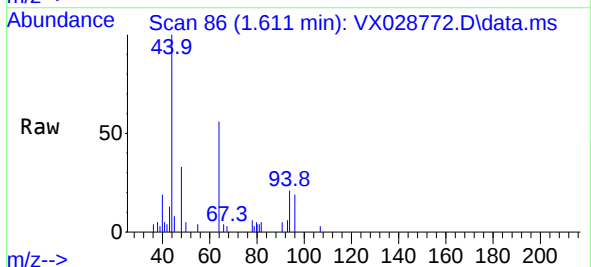
Instrument :
MSVOA_X
ClientSampleId :
31572

Tgt Ion:168 Resp: 293556
Ion Ratio Lower Upper
168 100
99 60.5 41.7 62.5

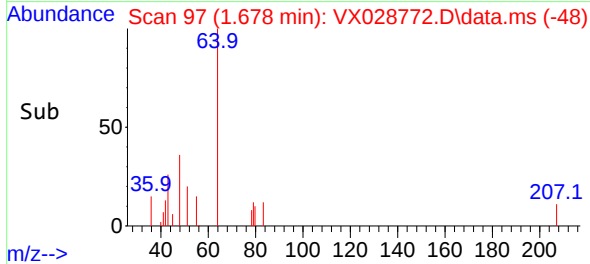
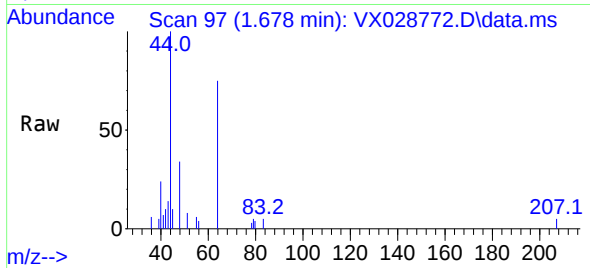
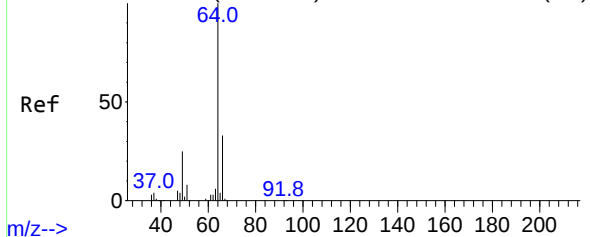


#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028772.D
Acq: 17 May 2022 20:46

Tgt Ion: 94 Resp: 736
Ion Ratio Lower Upper
94 100
96 93.0 75.3 112.9



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6

Chloroethane

Concen: Below Cal

RT: 1.678 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX028772.D

Acq: 17 May 2022 20:46

Instrument :

MSVOA_X

ClientSampleId :

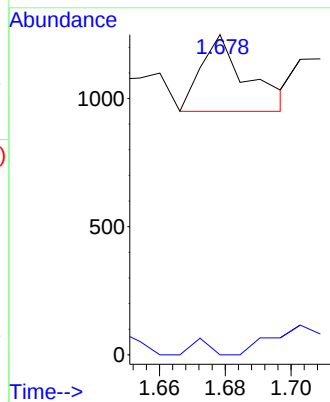
31572

Tgt Ion: 64 Resp: 289

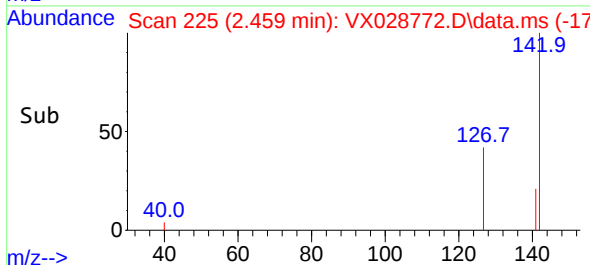
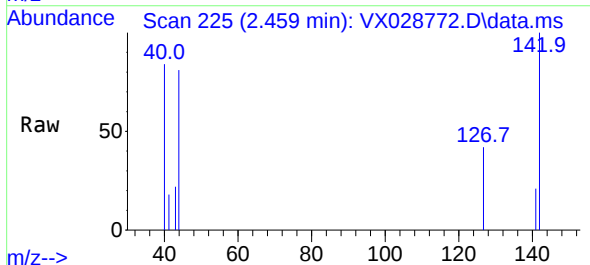
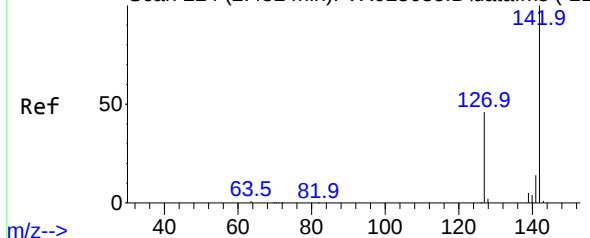
Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



Abundance Scan 224 (2.452 min): VX028635.D\data.ms (-21)



#10

Methyl Iodide

Concen: 0.219 ug/l

RT: 2.459 min Scan# 225

Delta R.T. 0.007 min

Lab File: VX028772.D

Acq: 17 May 2022 20:46

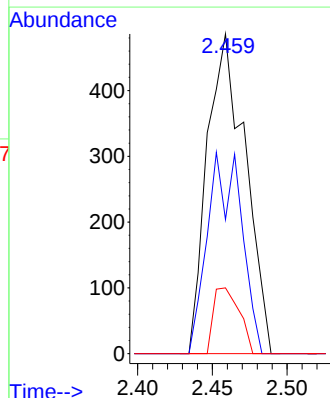
Tgt Ion:142 Resp: 860

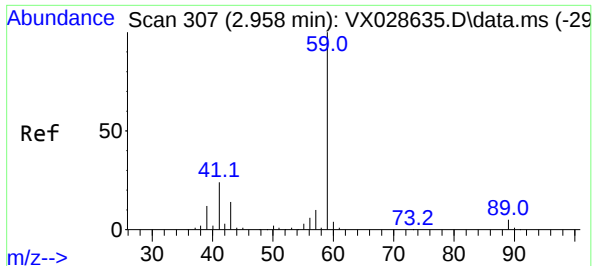
Ion Ratio Lower Upper

142 100

127 55.8 33.9 50.9#

141 14.0 11.4 17.2

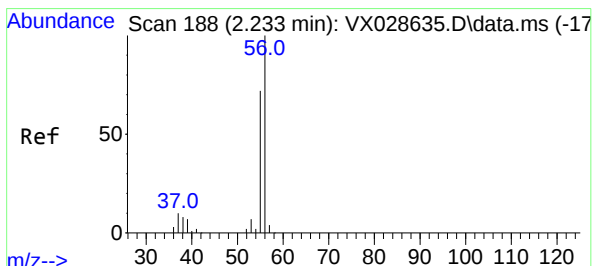
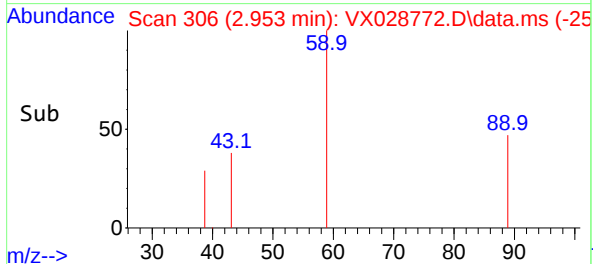
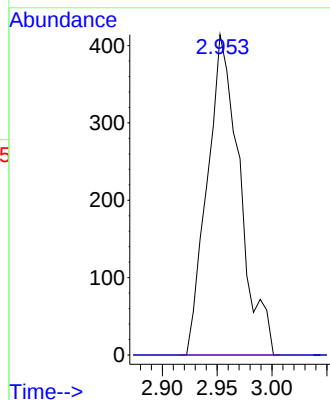
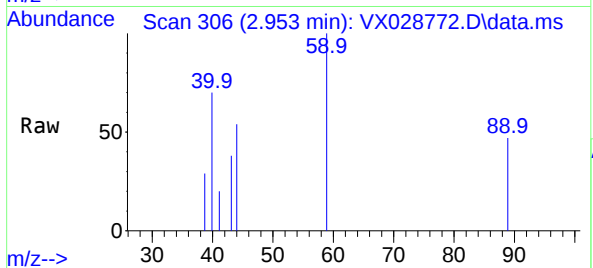




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX028772.D
Acq: 17 May 2022 20:46

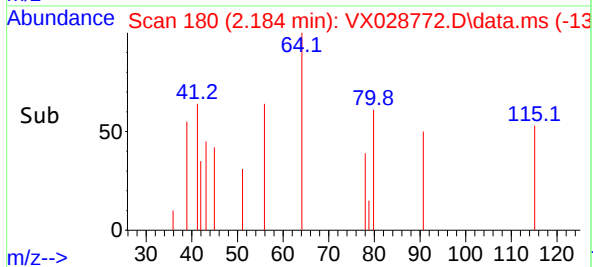
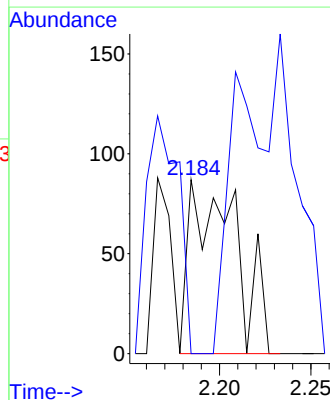
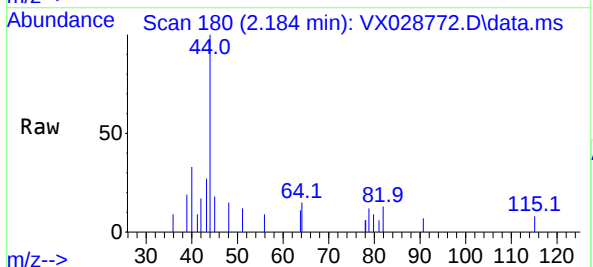
Instrument :
MSVOA_X
ClientSampleId :
31572

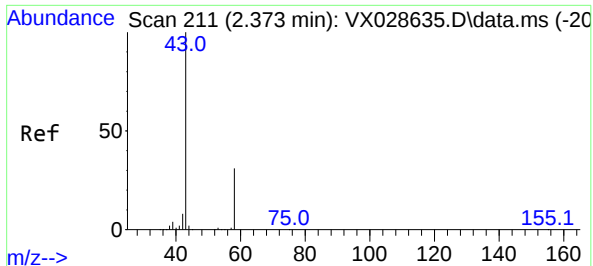
Tgt Ion: 59 Resp: 853
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.235 ug/l
RT: 2.184 min Scan# 180
Delta R.T. -0.049 min
Lab File: VX028772.D
Acq: 17 May 2022 20:46

Tgt Ion: 56 Resp: 155
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#

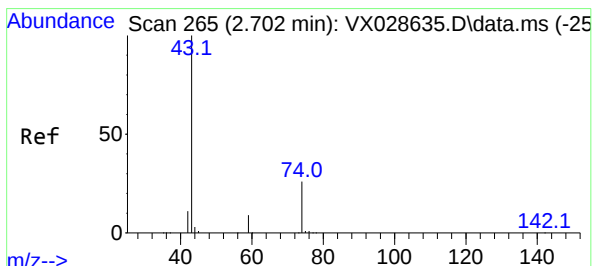
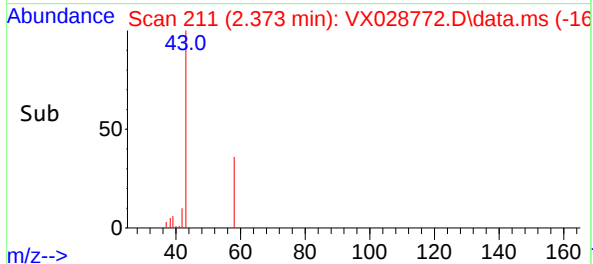
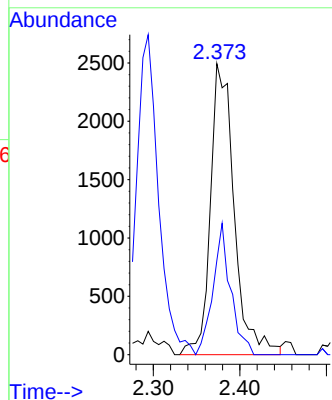
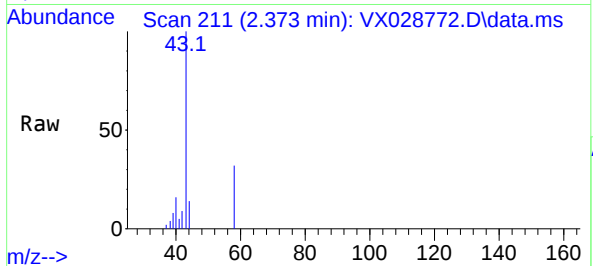




#16
Acetone
Concen: 2.757 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX028772.D
Acq: 17 May 2022 20:46

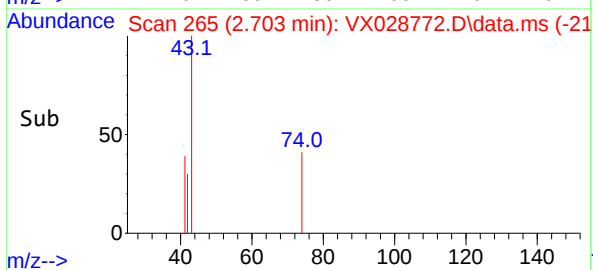
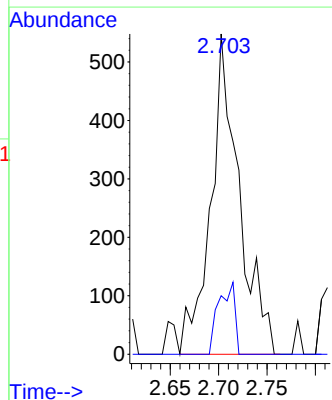
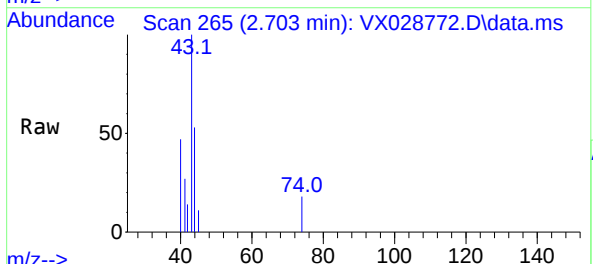
Instrument :
MSVOA_X
ClientSampleId :
31572

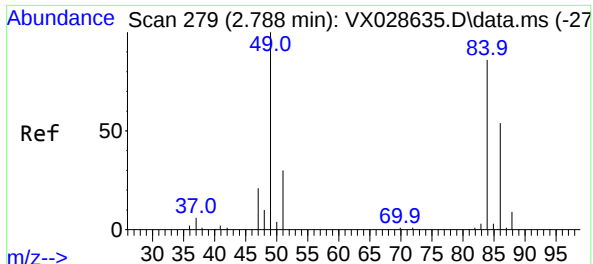
Tgt Ion: 43 Resp: 4761
Ion Ratio Lower Upper
43 100
58 32.4 28.8 43.2



#18
Methyl Acetate
Concen: 0.259 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028772.D
Acq: 17 May 2022 20:46

Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
74 12.8 22.8 34.2#



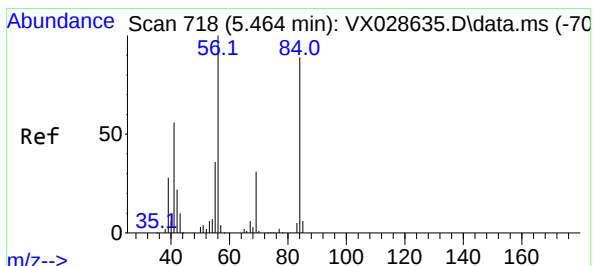
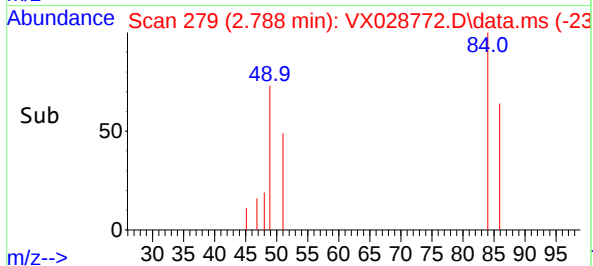
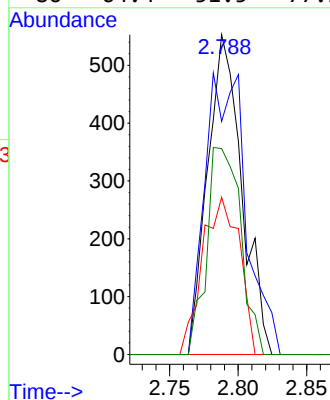
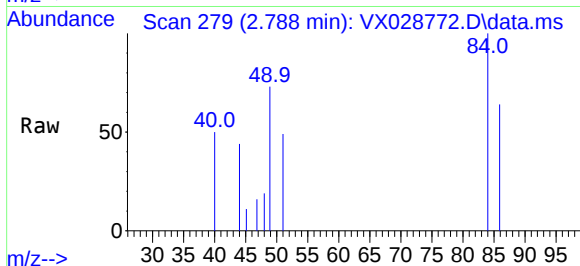


#20
Methylene Chloride
Concen: 0.265 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028772.D
Acq: 17 May 2022 20:46

Instrument :
MSVOA_X
ClientSampleId :
31572

Tgt Ion: 84 Resp: 961

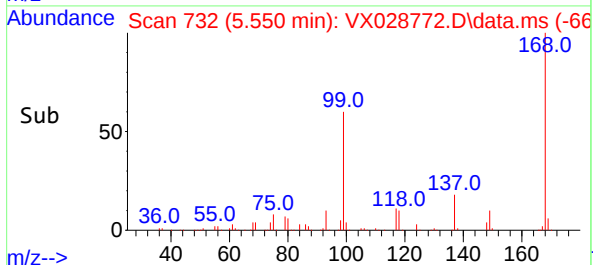
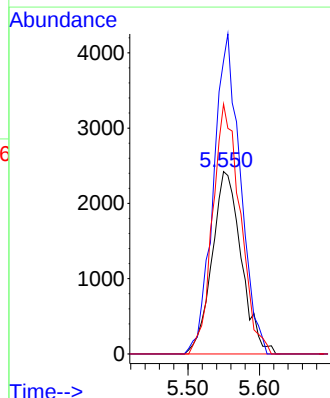
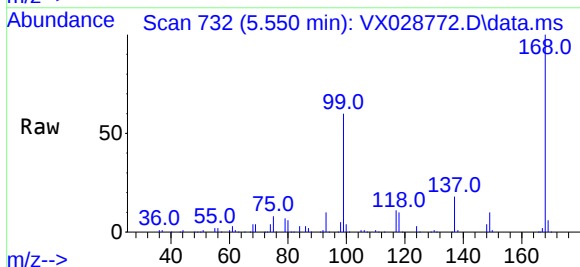
Ion	Ratio	Lower	Upper
84	100		
49	72.9	85.5	128.3#
51	49.2	26.6	39.8#
86	64.4	51.5	77.3

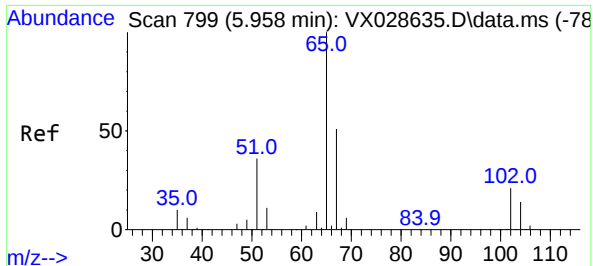


#31
Cyclohexane
Concen: 1.228 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX028772.D
Acq: 17 May 2022 20:46

Tgt Ion: 56 Resp: 6857

Ion	Ratio	Lower	Upper
56	100		
69	160.8	26.7	40.1#
84	137.0	77.2	115.8#

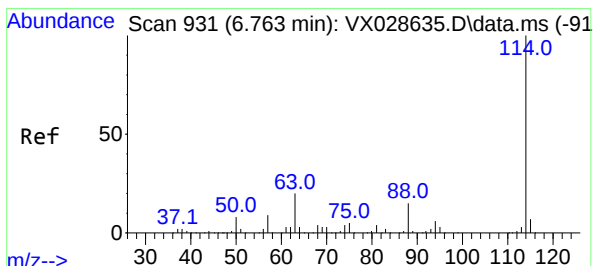
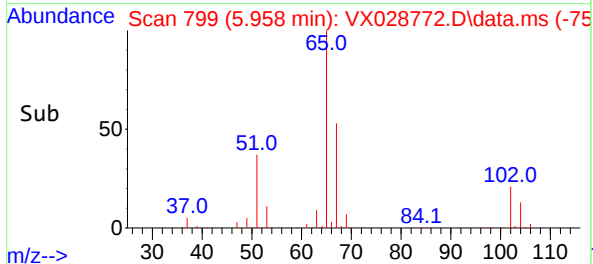
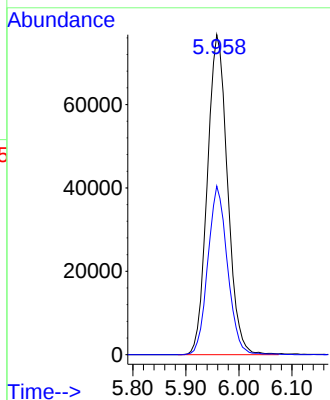
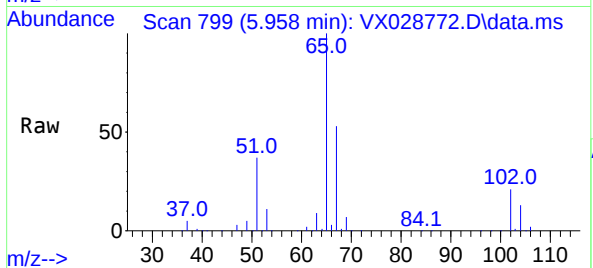




#33
 1,2-Dichloroethane-d4
 Concen: 50.453 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX028772.D
 Acq: 17 May 2022 20:46

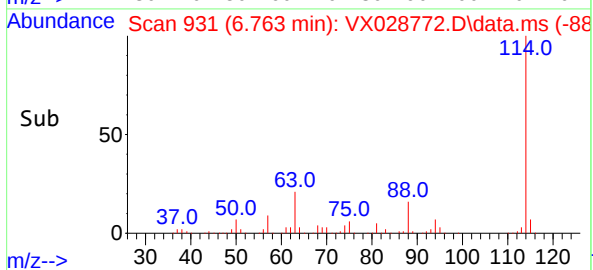
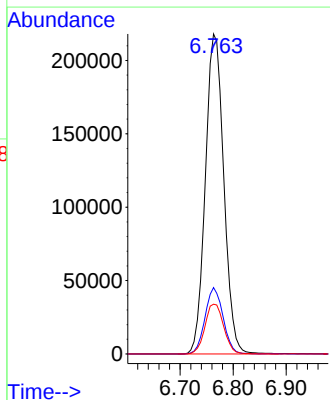
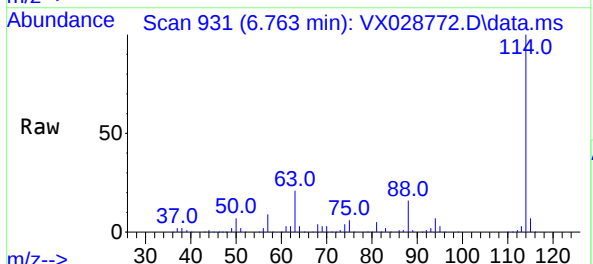
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 ClientSampleId :
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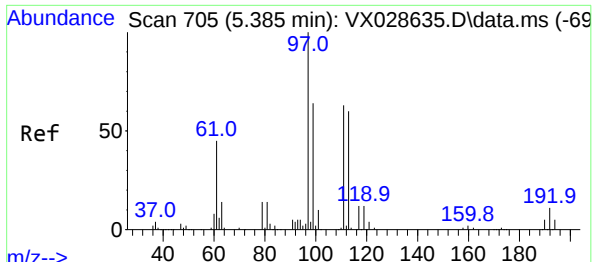
Tgt Ion: 65 Resp: 203022
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX028772.D
 Acq: 17 May 2022 20:46

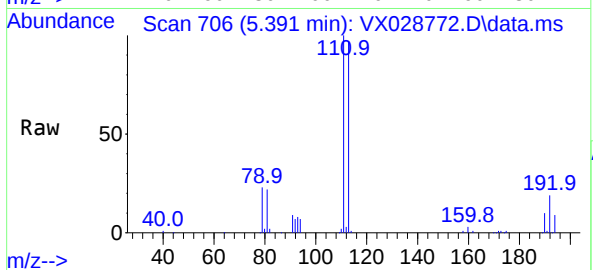
Tgt Ion: 114 Resp: 527329
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 36.8
 88 15.6 0.0 32.4



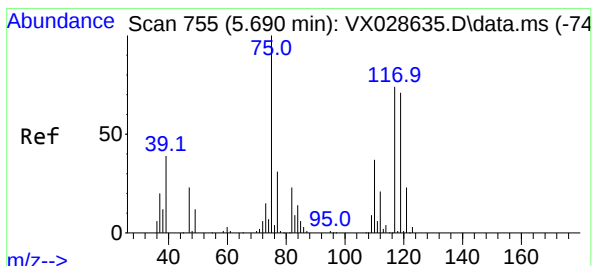
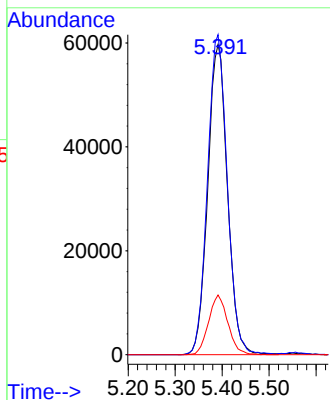
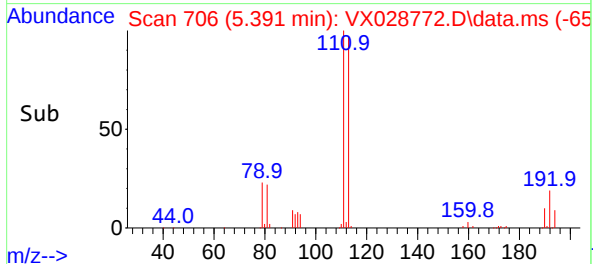


#35
Dibromofluoromethane
Concen: 50.262 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028772.D
Acq: 17 May 2022 20:46

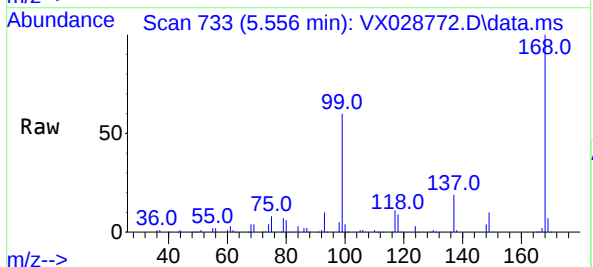
Instrument :
MSVOA_X
ClientSampleId :
31572



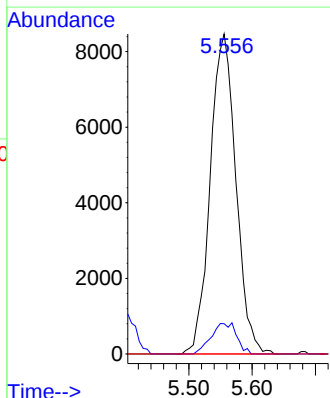
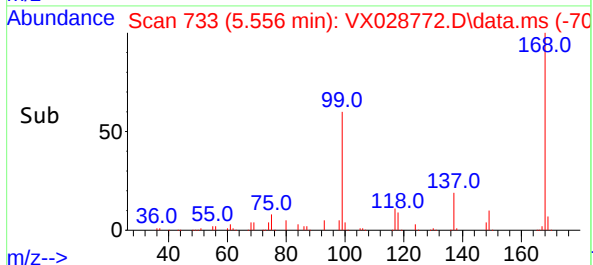
Tgt Ion:113 Resp: 173656
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 18.8 16.9 25.3

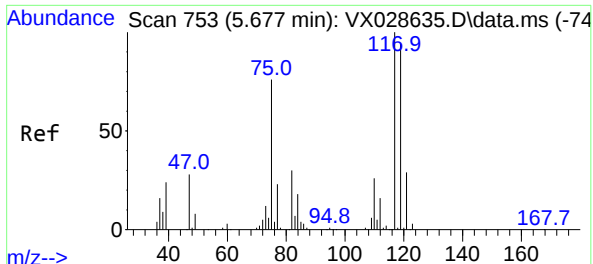


#36
1,1-Dichloropropene
Concen: 4.598 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028772.D
Acq: 17 May 2022 20:46



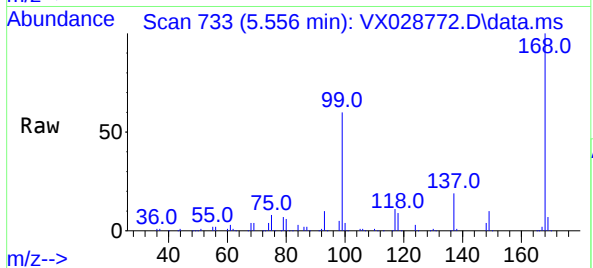
Tgt Ion: 75 Resp: 23862
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



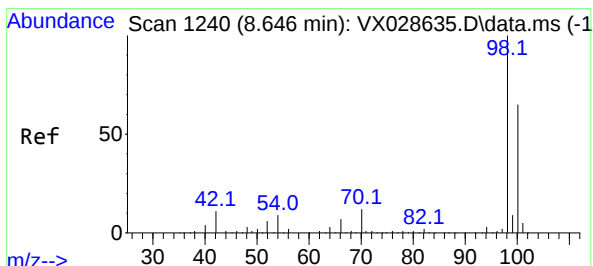
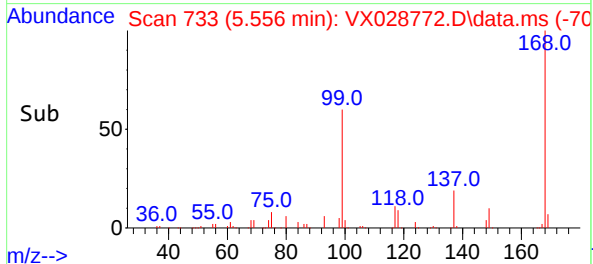
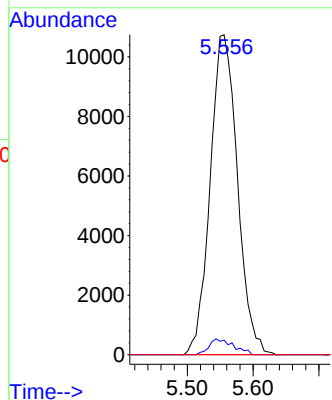


#38
Carbon Tetrachloride
Concen: 5.936 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028772.D
Acq: 17 May 2022 20:46

Instrument :
MSVOA_X
ClientSampleId :
31572

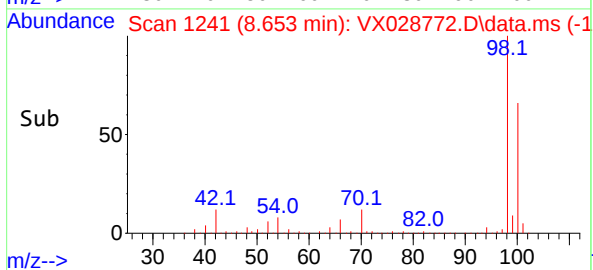
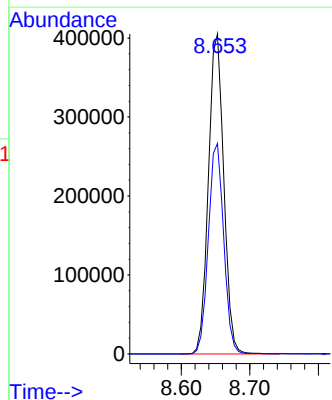
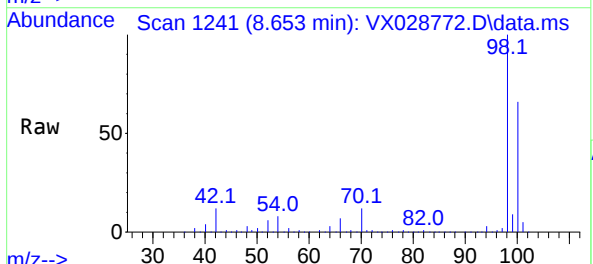


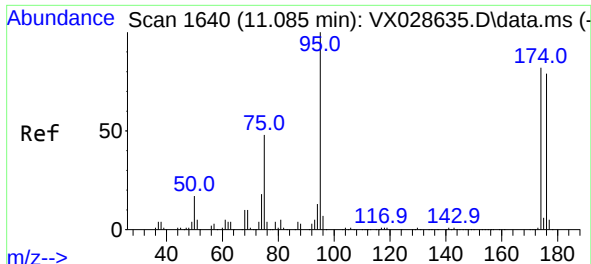
Tgt Ion:117 Resp: 31002
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.566 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028772.D
Acq: 17 May 2022 20:46

Tgt Ion: 98 Resp: 632614
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

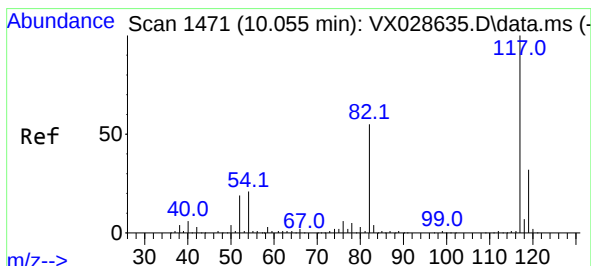
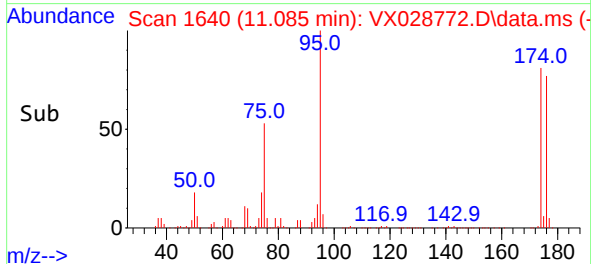
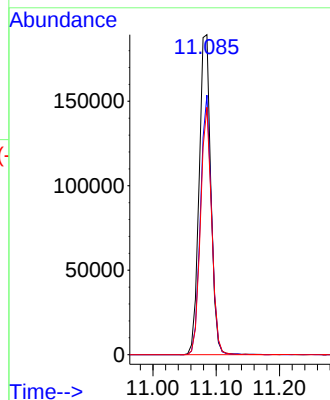
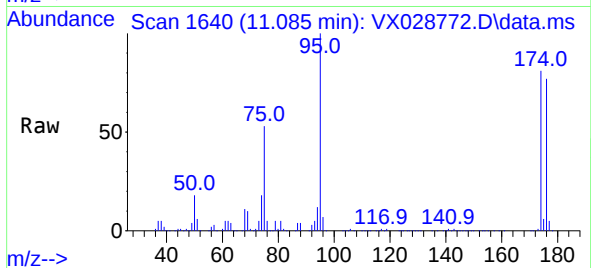




#62
4-Bromofluorobenzene
Concen: 50.177 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028772.D
Acq: 17 May 2022 20:46

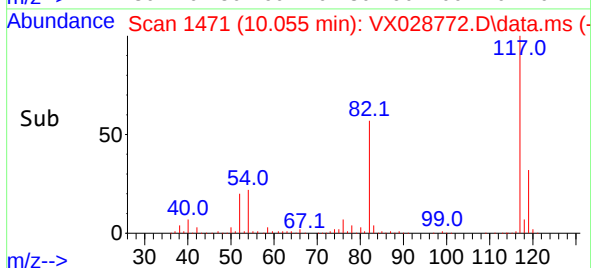
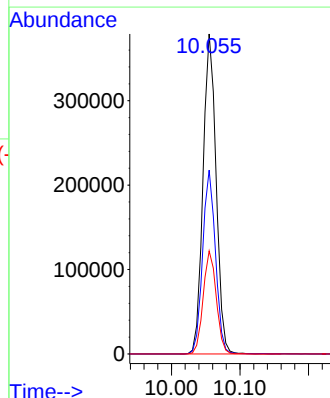
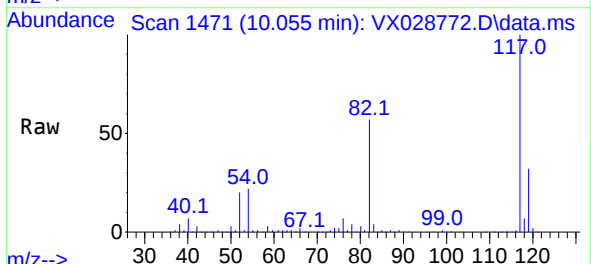
Instrument :
MSVOA_X
ClientSampleId :
31572

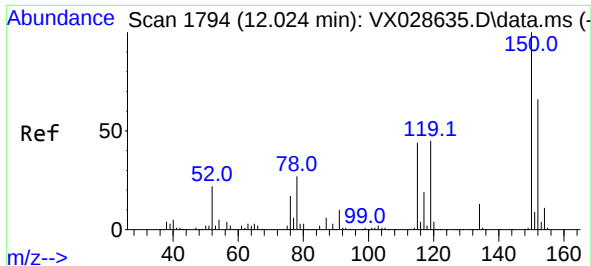
Tgt Ion: 95 Resp: 244126
Ion Ratio Lower Upper
95 100
174 76.5 0.0 163.0
176 73.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028772.D
Acq: 17 May 2022 20:46

Tgt Ion: 117 Resp: 504003
Ion Ratio Lower Upper
117 100
82 57.4 41.8 62.8
119 32.2 24.8 37.2

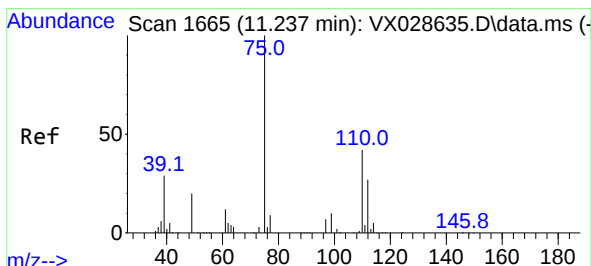
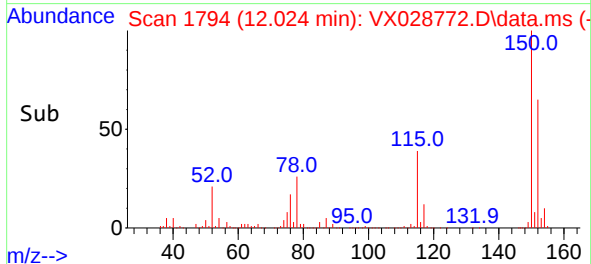
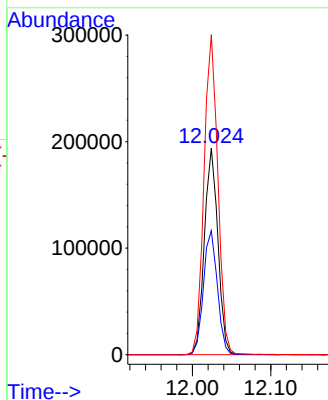
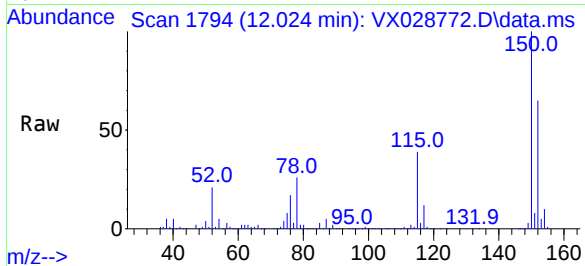




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028772.D
Acq: 17 May 2022 20:46

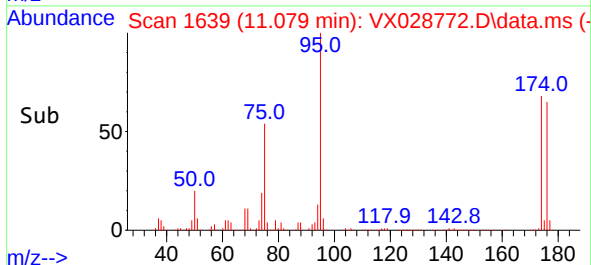
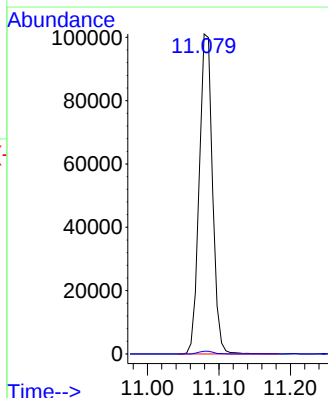
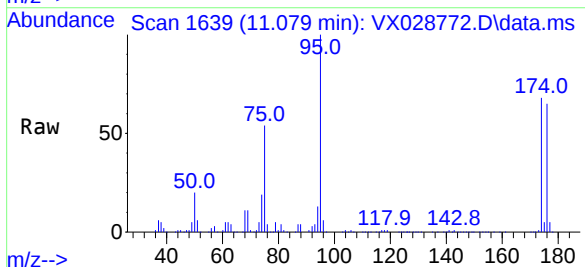
Instrument :
MSVOA_X
ClientSampleId :
31572

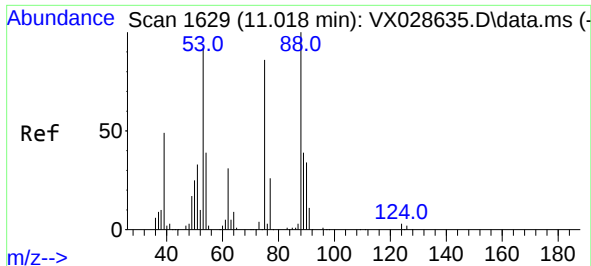
Tgt Ion:152 Resp: 232360
Ion Ratio Lower Upper
152 100
115 61.8 37.5 112.7
150 158.5 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.932 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028772.D
Acq: 17 May 2022 20:46

Tgt Ion: 75 Resp: 130229
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#

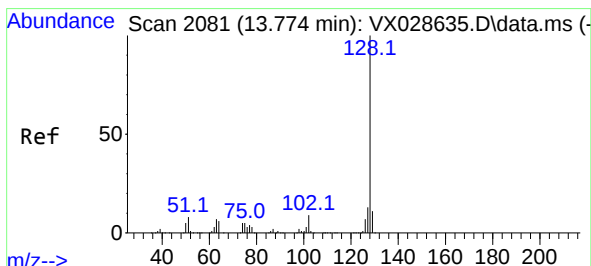
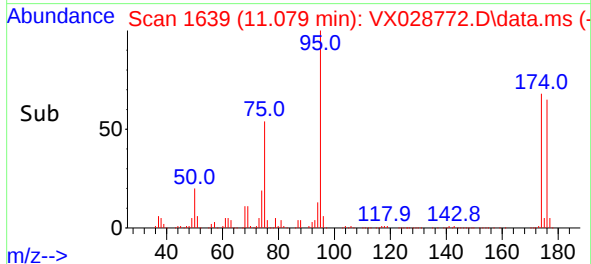
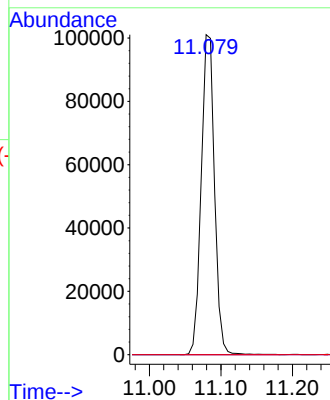
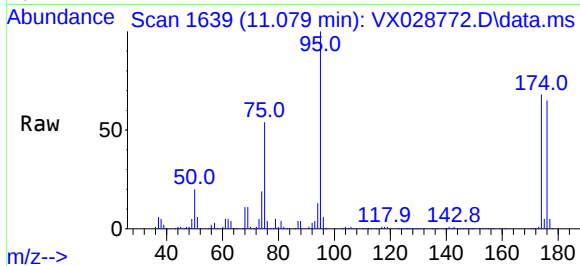




#81
trans-1,4-Dichloro-2-butene
Concen: 69.739 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028772.D
Acq: 17 May 2022 20:46

Instrument :
MSVOA_X
ClientSampleId :
31572

Tgt Ion: 75 Resp: 130229
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 0.214 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028772.D
Acq: 17 May 2022 20:46

Tgt Ion:128 Resp: 3539
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.3 8.7 13.1

