

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028657.D
 Acq On : 12 May 2022 22:42
 Operator : JC/MD
 Sample : N2811-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: May 13 02:50:38 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)

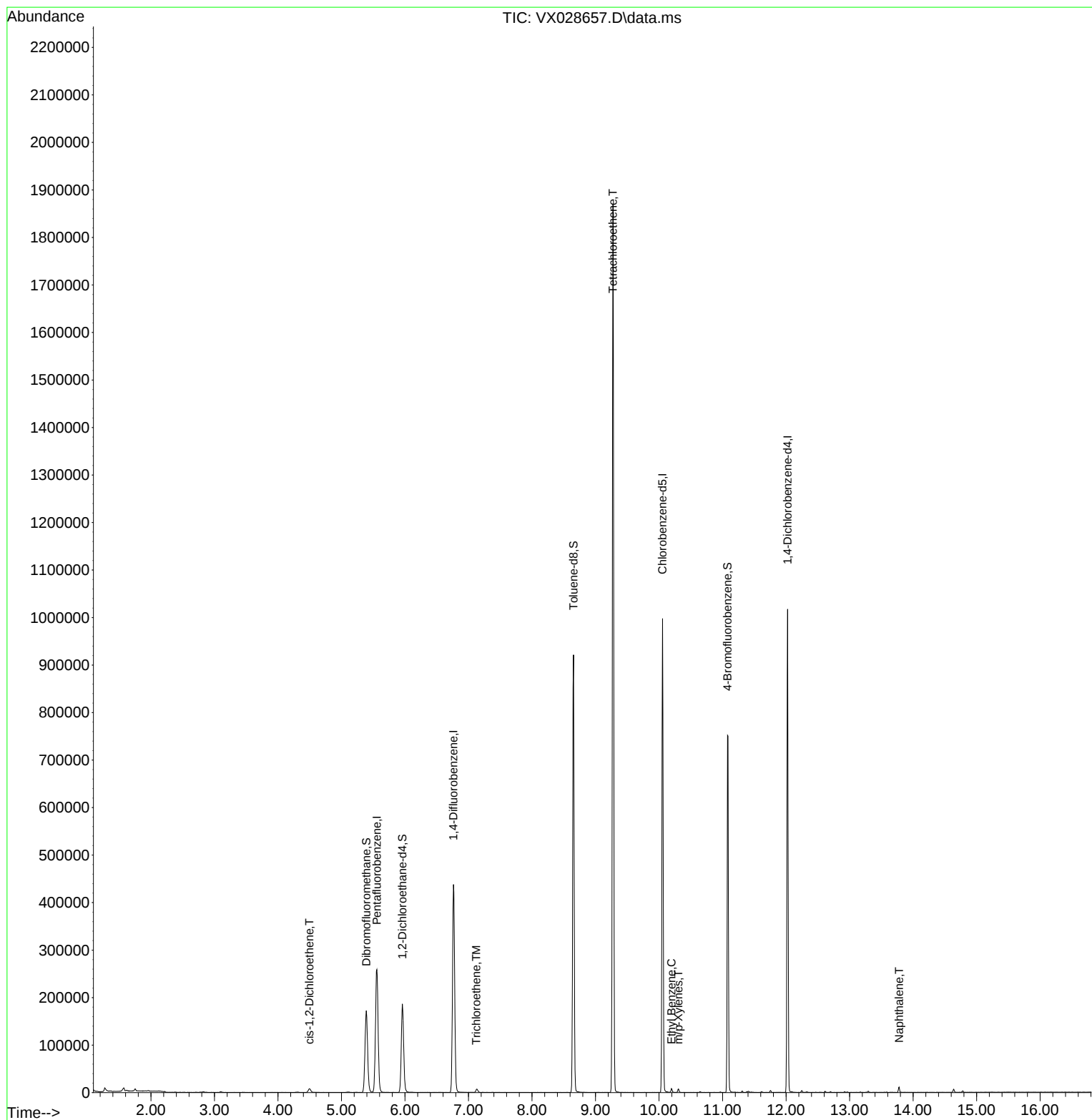
Internal Standards						
1) Pentafluorobenzene	5.556	168	238856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	443006	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	428694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171505	52.381	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.760%	
35) Dibromofluoromethane	5.391	113	145619	50.170	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.340%	
50) Toluene-d8	8.653	98	537806	49.146	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.300%	
62) 4-Bromofluorobenzene	11.079	95	199060	48.702	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.400%	
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.495	96	4981	1.532	ug/l	96
44) Trichloroethene	7.123	130	2749	0.809	ug/l	95
64) Tetrachloroethene	9.275	164	322563	99.639	ug/l	96
67) Ethyl Benzene	10.195	91	4466	0.274	ug/l	93
68) m/p-Xylenes	10.305	106	1776	0.280	ug/l	96
95) Naphthalene	13.780	128	7826	0.560	ug/l	98

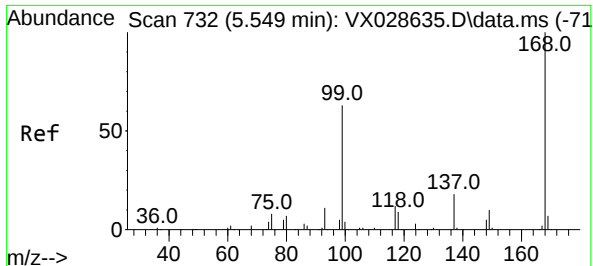
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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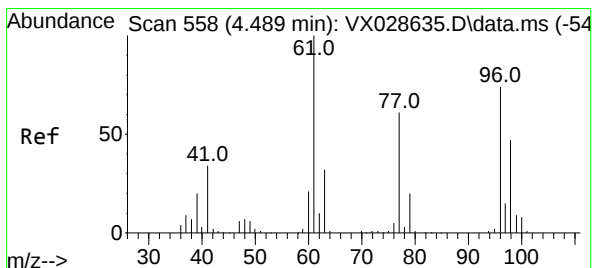
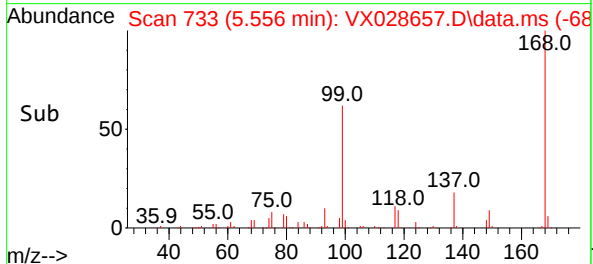
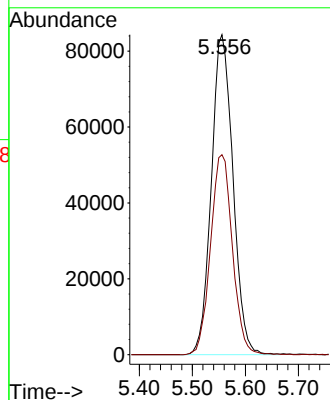
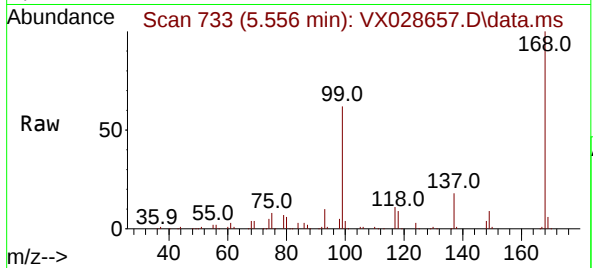




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

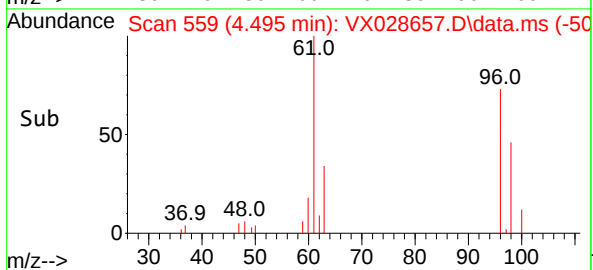
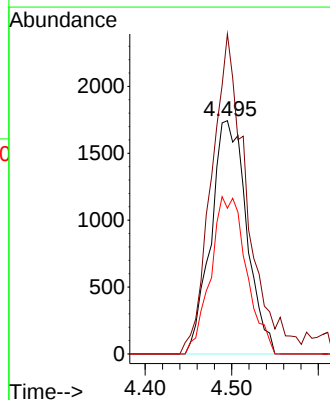
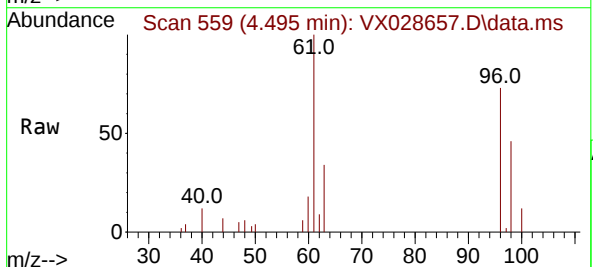
Instrument :
MSVOA_X
ClientSampleId :
MW-1

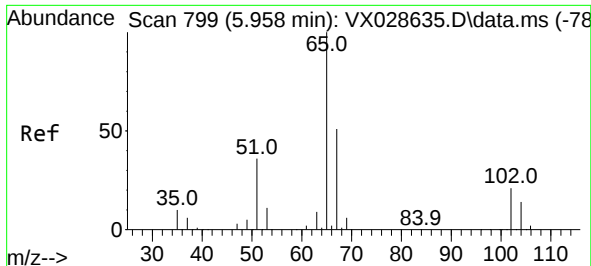
Tgt Ion:168 Resp: 238856
Ion Ratio Lower Upper
168 100
99 62.5 41.7 62.5



#27
cis-1,2-Dichloroethene
Concen: 1.532 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

Tgt Ion: 96 Resp: 4981
Ion Ratio Lower Upper
96 100
61 136.9 0.0 283.8
98 67.8 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 52.381 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028657.D

Acq: 12 May 2022 22:42

Instrument :

MSVOA_X

ClientSampleId :

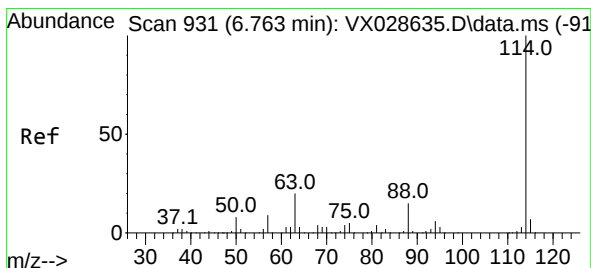
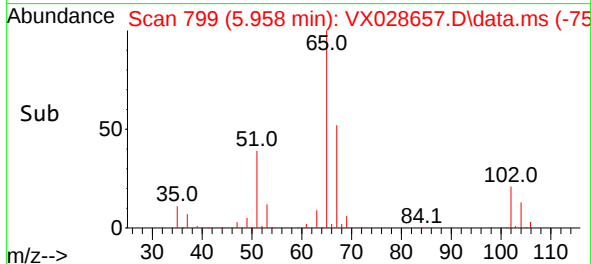
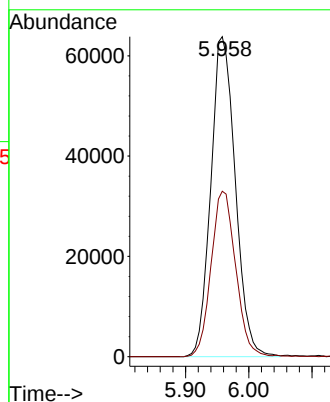
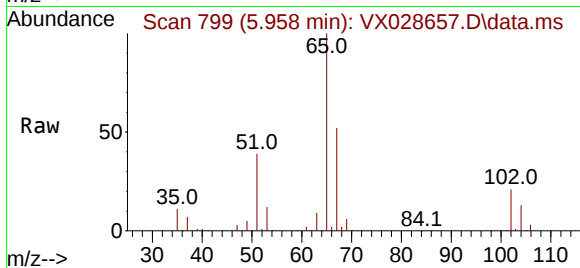
MW-1

Tgt Ion: 65 Resp: 171505

Ion Ratio Lower Upper

65 100

67 51.8 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: VX028657.D

Acq: 12 May 2022 22:42

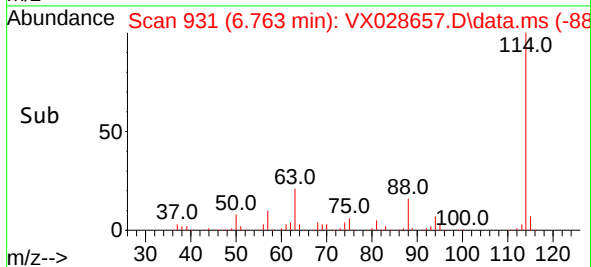
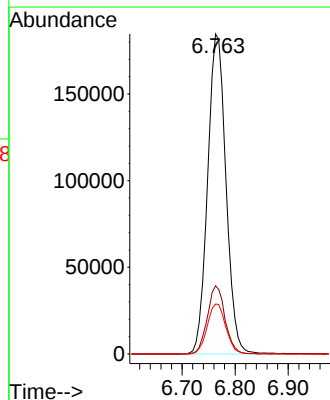
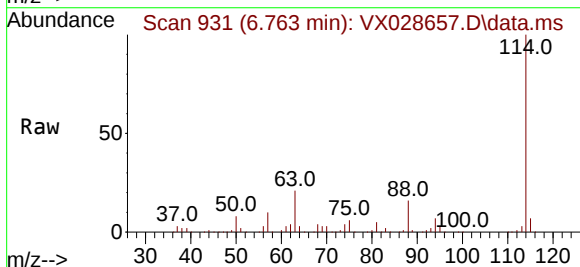
Tgt Ion: 114 Resp: 443006

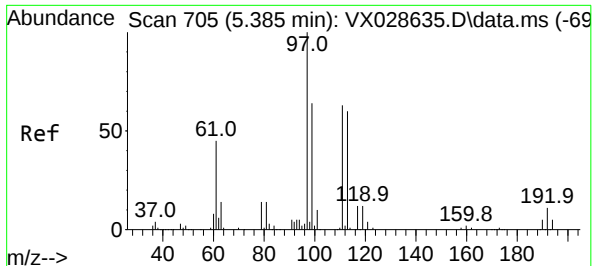
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.8

88 15.6 0.0 32.4

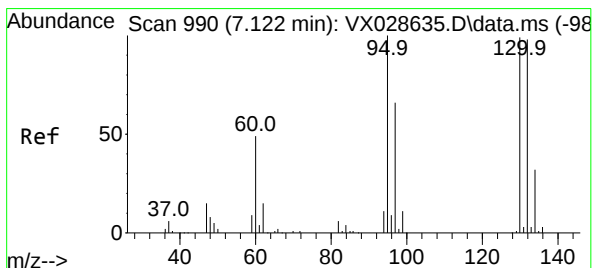
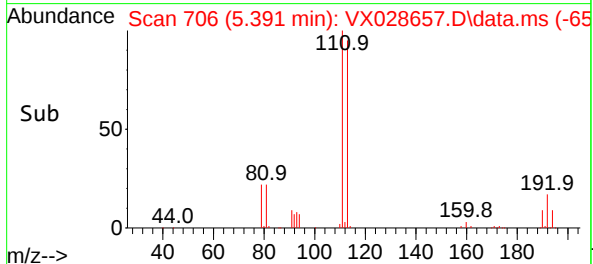
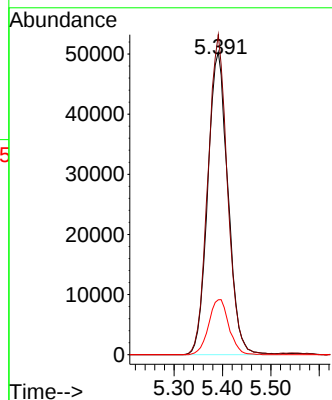
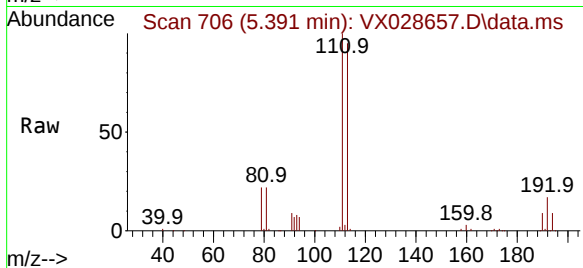




#35
Dibromofluoromethane
Concen: 50.170 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

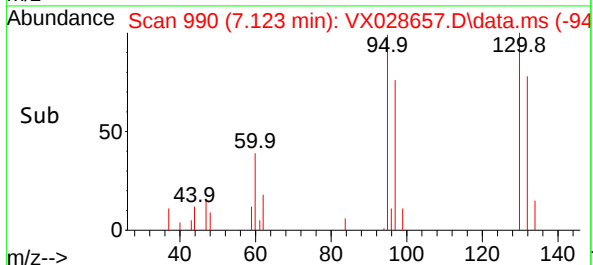
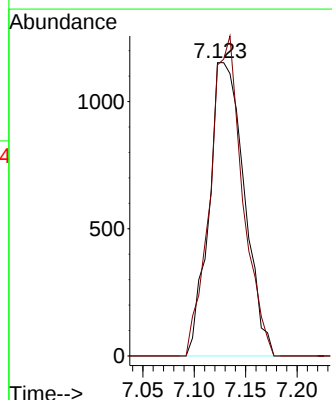
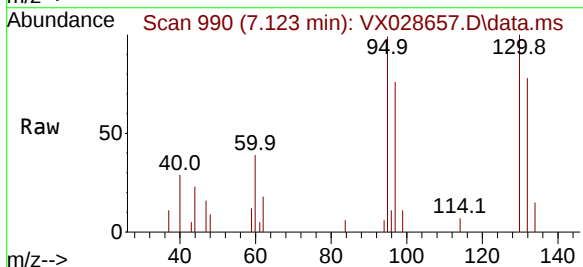
Instrument :
MSVOA_X
ClientSampleId :
MW-1

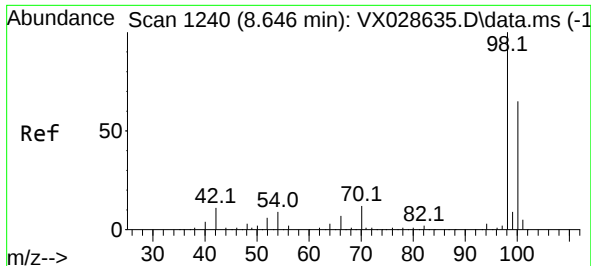
Tgt Ion:113 Resp: 145619
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 18.3 16.9 25.3



#44
Trichloroethene
Concen: 0.809 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

Tgt Ion:130 Resp: 2749
Ion Ratio Lower Upper
130 100
95 99.2 0.0 188.8

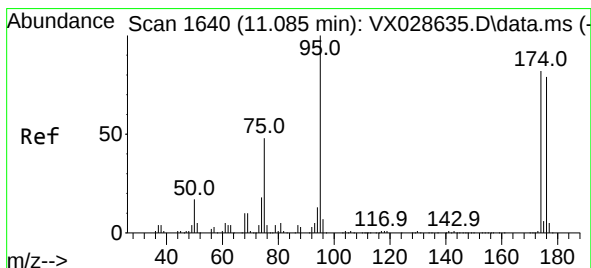
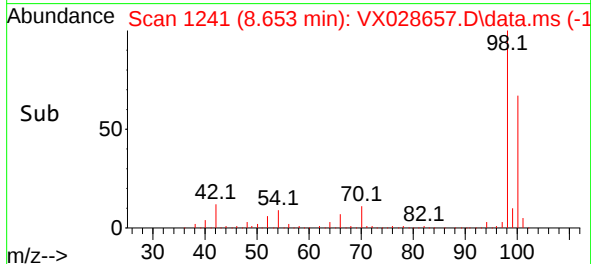
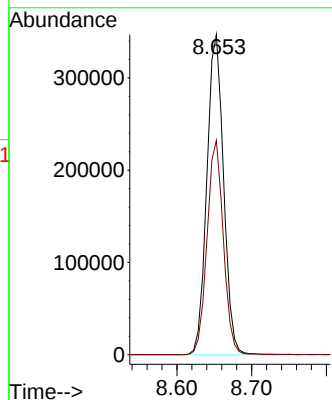
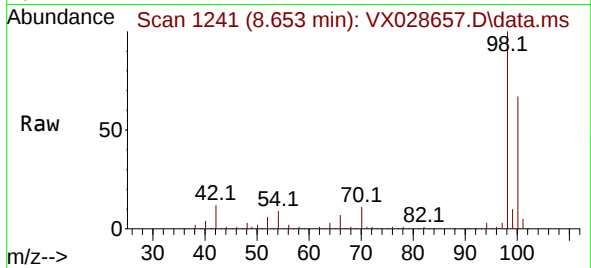




#50
Toluene-d8
Concen: 49.146 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

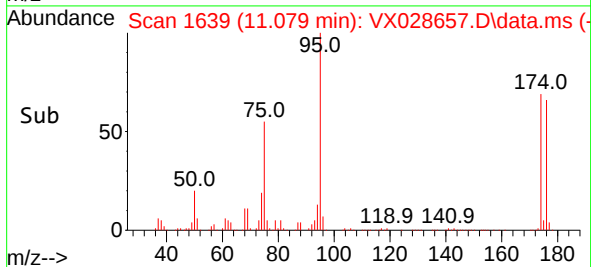
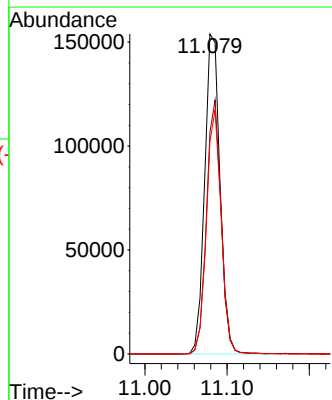
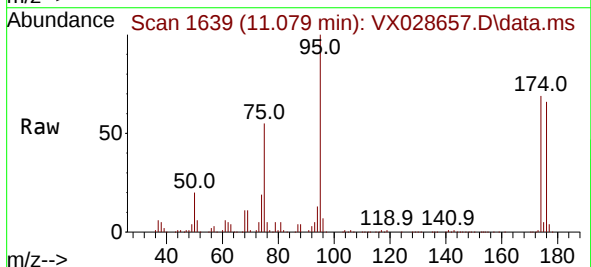
Instrument :
MSVOA_X
ClientSampleId :
MW-1

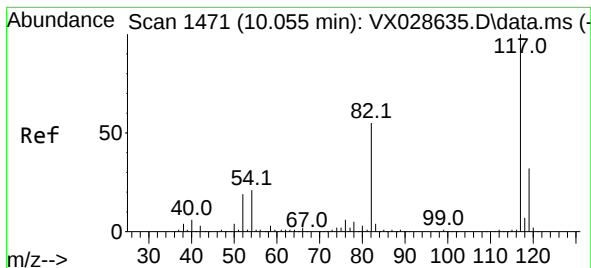
Tgt Ion: 98 Resp: 537806
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.702 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

Tgt Ion: 95 Resp: 199060
Ion Ratio Lower Upper
95 100
174 76.2 0.0 163.0
176 73.4 0.0 155.0

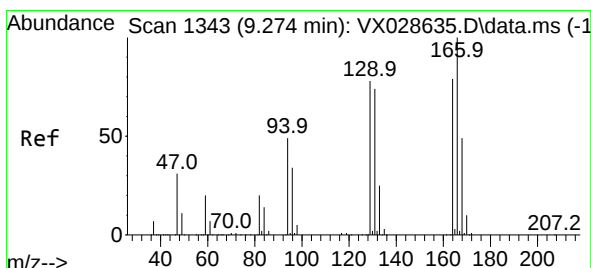
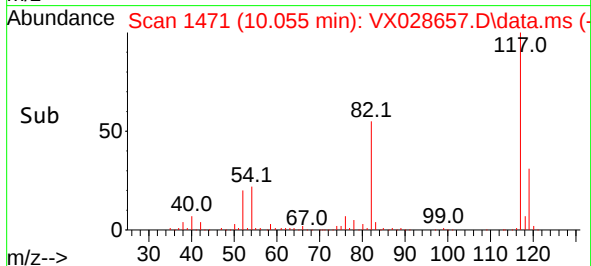
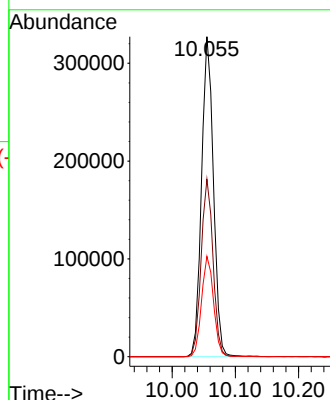
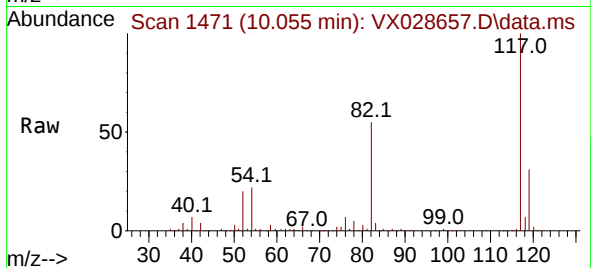




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

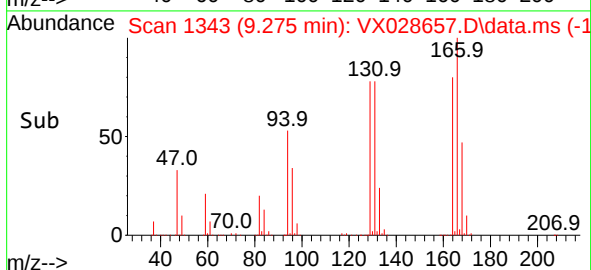
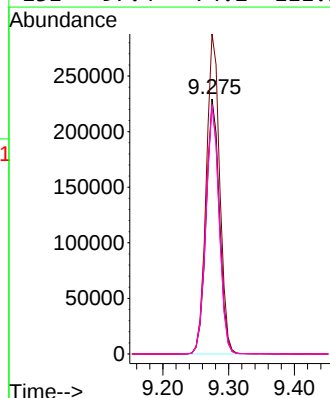
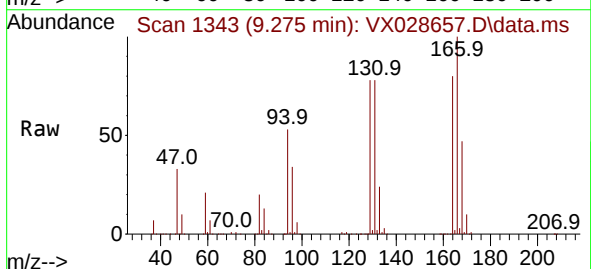
Instrument :
MSVOA_X
ClientSampleId :
MW-1

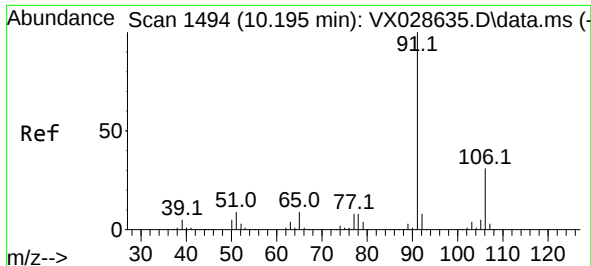
Tgt Ion:117 Resp: 428694
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 31.4 24.8 37.2



#64
Tetrachloroethene
Concen: 99.639 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX028657.D
Acq: 12 May 2022 22:42

Tgt Ion:164 Resp: 322563
Ion Ratio Lower Upper
164 100
166 125.5 101.2 151.8
129 98.1 73.0 109.4
131 97.4 74.2 111.2





#67

Ethyl Benzene

Concen: 0.274 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028657.D

Acq: 12 May 2022 22:42

Instrument :

MSVOA_X

ClientSampleId :

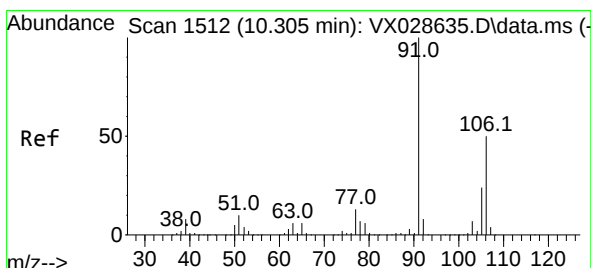
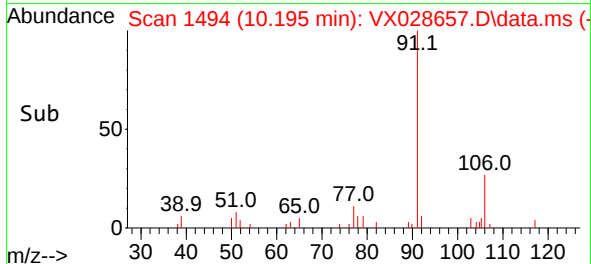
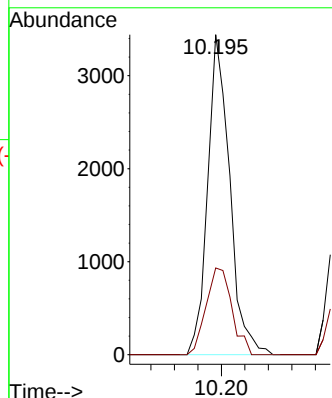
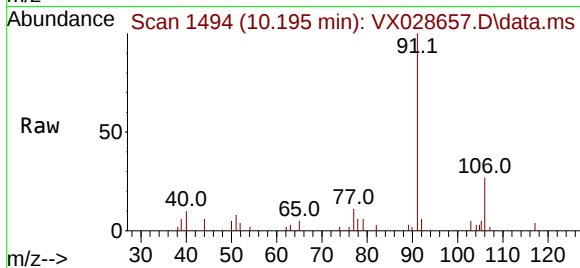
MW-1

Tgt Ion: 91 Resp: 4466

Ion Ratio Lower Upper

91 100

106 27.1 24.6 36.8



#68

m/p-Xylenes

Concen: 0.280 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX028657.D

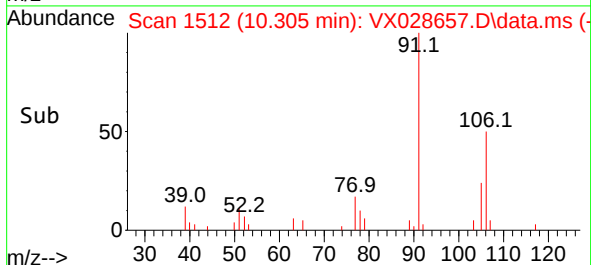
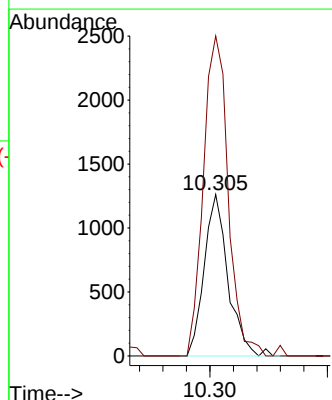
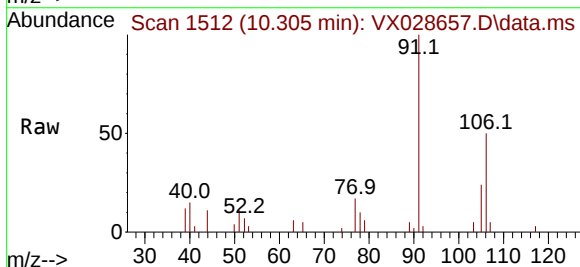
Acq: 12 May 2022 22:42

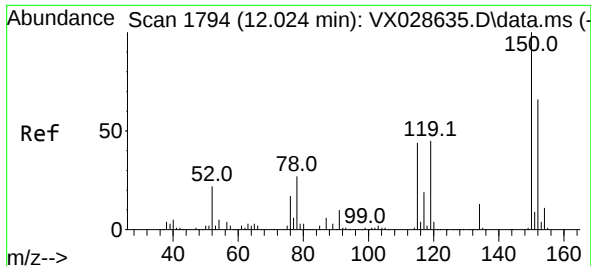
Tgt Ion: 106 Resp: 1776

Ion Ratio Lower Upper

106 100

91 206.0 160.4 240.6

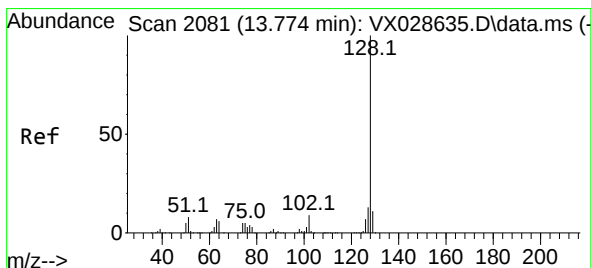
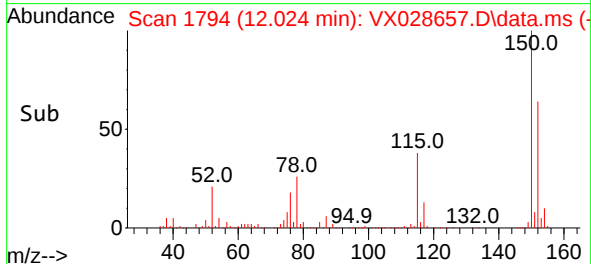
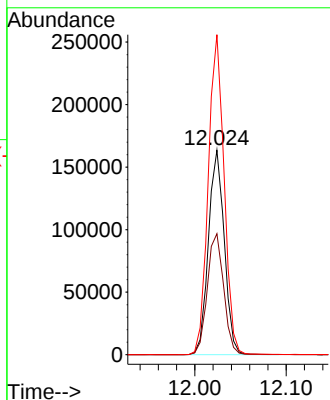
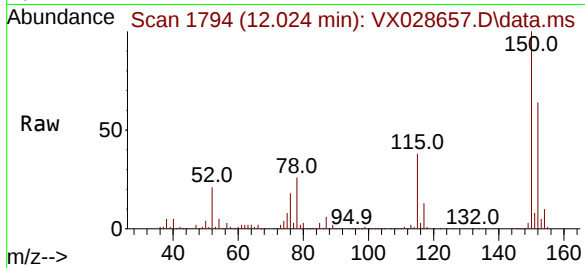




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028657.D
 Acq: 12 May 2022 22:42

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Tgt Ion:152 Resp: 196766
 Ion Ratio Lower Upper
 152 100
 115 61.1 37.5 112.7
 150 156.7 0.0 338.2



#95
 Naphthalene
 Concen: 0.560 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX028657.D
 Acq: 12 May 2022 22:42

Tgt Ion:128 Resp: 7826
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.4
 129 9.3 8.7 13.1

