

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026168.D
 Acq On : 30 Dec 2021 15:13
 Operator : JC/MD
 Sample : M5207-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3D-122021

Quant Time: Dec 31 07:08:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

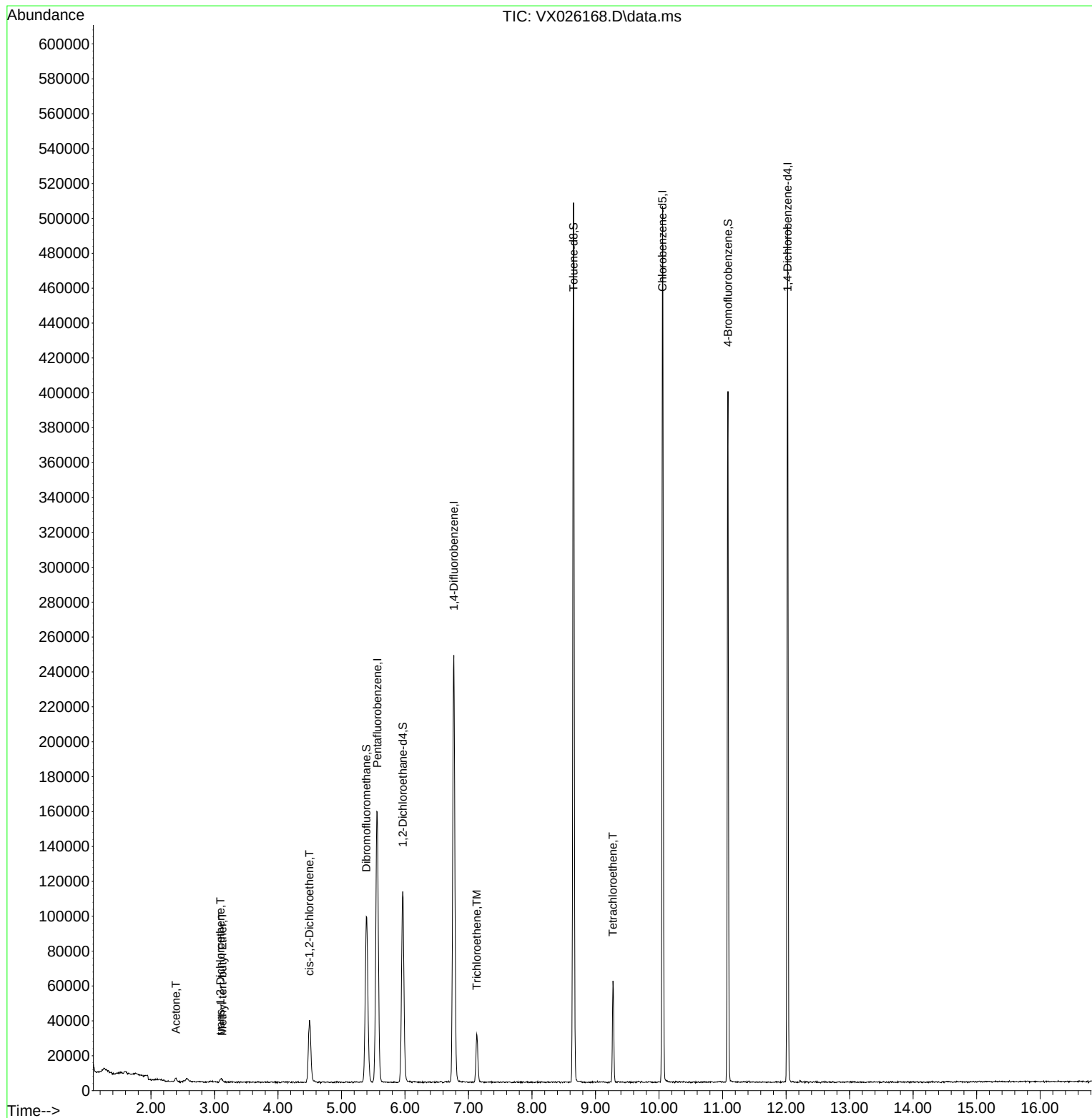
Internal Standards						
1) Pentafluorobenzene	5.562	168	139968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239453	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103947	51.334	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.660%	
35) Dibromofluoromethane	5.391	113	80584	51.764	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.520%	
50) Toluene-d8	8.653	98	279926	48.342	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.680%	
62) 4-Bromofluorobenzene	11.085	95	96305	46.719	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.440%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	2889	2.633	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	1241	0.229	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	762	0.451	ug/l #	79
27) cis-1,2-Dichloroethene	4.495	96	22544	11.720	ug/l	93
44) Trichloroethene	7.129	130	9640	4.999	ug/l	90
64) Tetrachloroethene	9.275	164	10446	5.948	ug/l	97

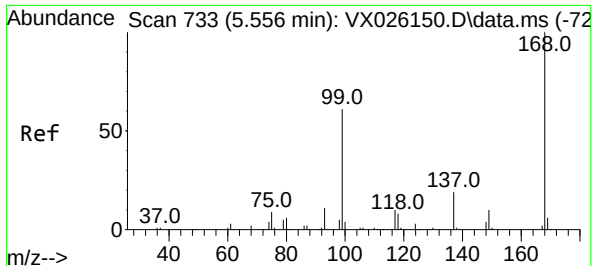
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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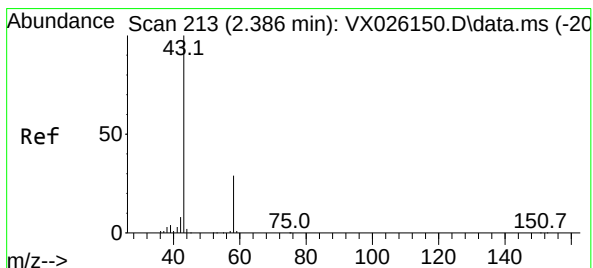
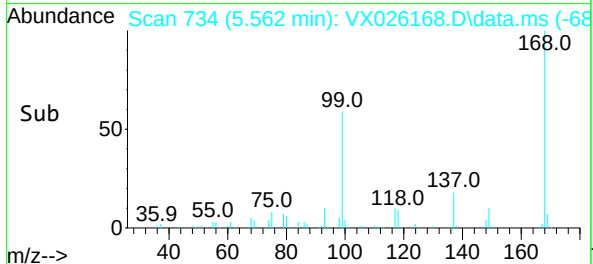
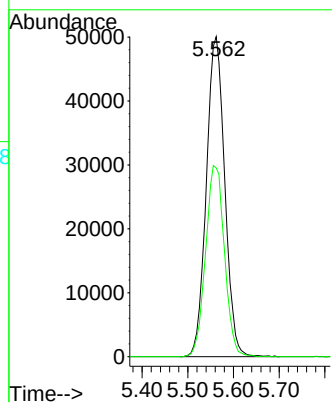
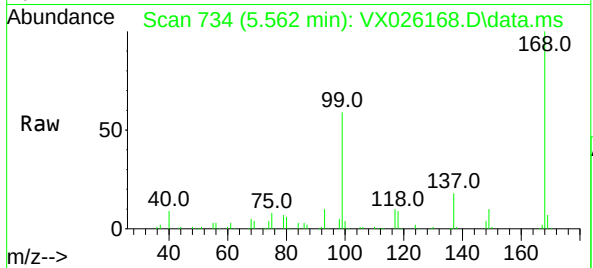




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026168.D
Acq: 30 Dec 2021 15:13

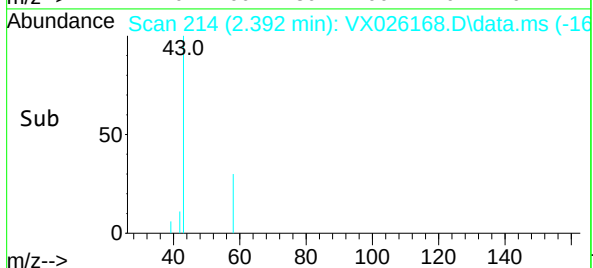
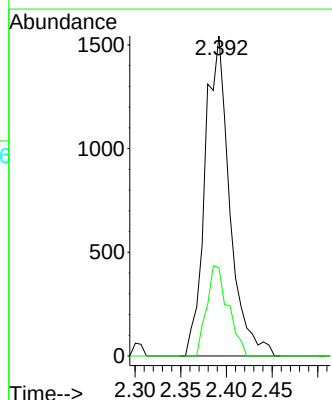
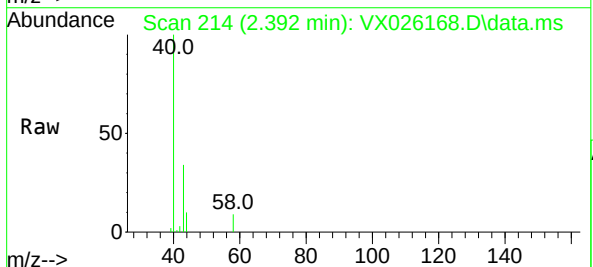
Instrument :
MSVOA_X
ClientSampleId :
MW-3D-122021

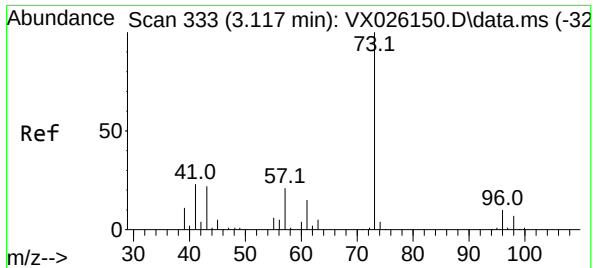
Tgt Ion:168 Resp: 139968
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.8



#16
Acetone
Concen: 2.633 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX026168.D
Acq: 30 Dec 2021 15:13

Tgt Ion: 43 Resp: 2889
Ion Ratio Lower Upper
43 100
58 27.6 24.8 37.2

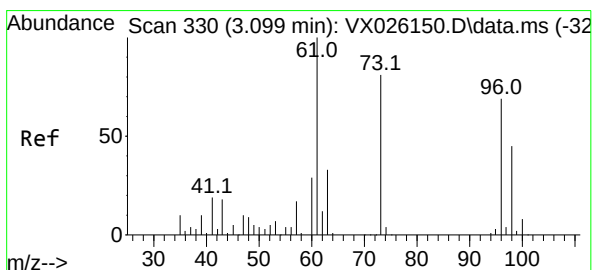
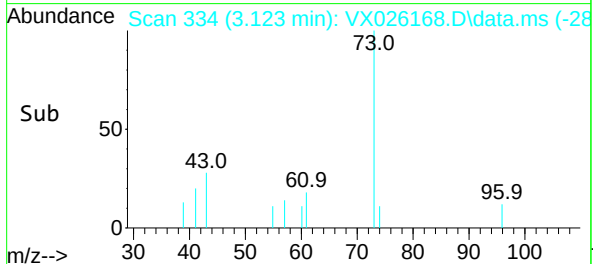
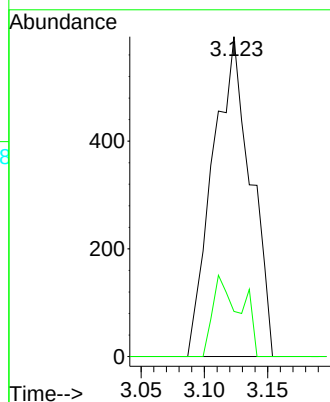
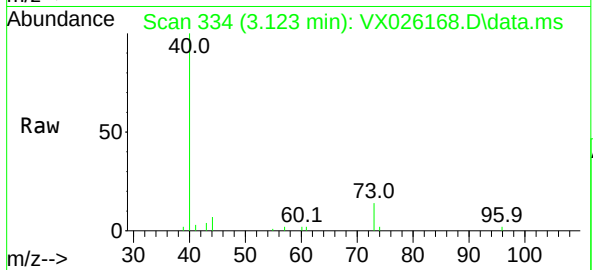




#19
Methyl tert-butyl Ether
Concen: 0.229 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX026168.D
Acq: 30 Dec 2021 15:13

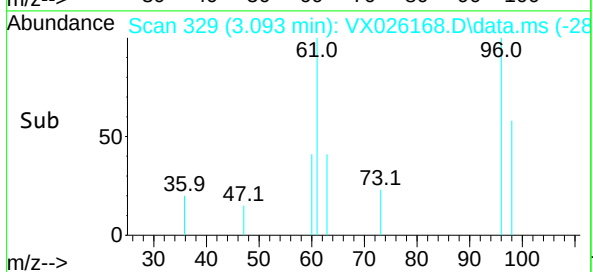
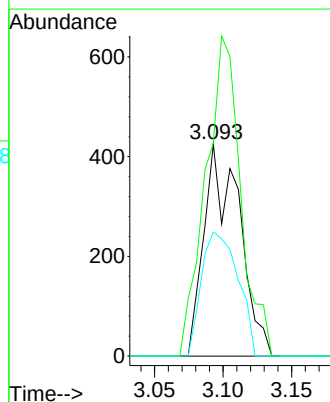
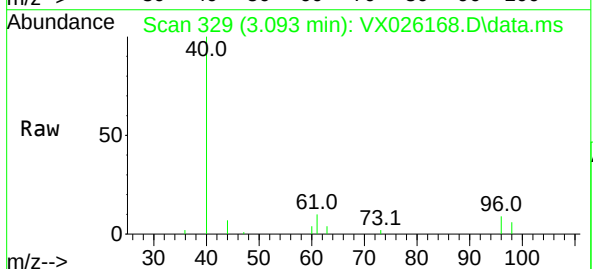
Instrument :
MSVOA_X
ClientSampleId :
MW-3D-122021

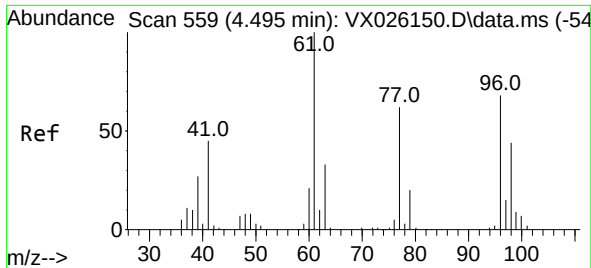
Tgt Ion: 73 Resp: 1241
Ion Ratio Lower Upper
73 100
57 14.1 17.0 25.6#



#21
trans-1,2-Dichloroethene
Concen: 0.451 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX026168.D
Acq: 30 Dec 2021 15:13

Tgt Ion: 96 Resp: 762
Ion Ratio Lower Upper
96 100
61 100.5 105.7 158.5#
98 58.6 52.1 78.1





#27

cis-1,2-Dichloroethene

Concen: 11.720 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX026168.D

Acq: 30 Dec 2021 15:13

Instrument :

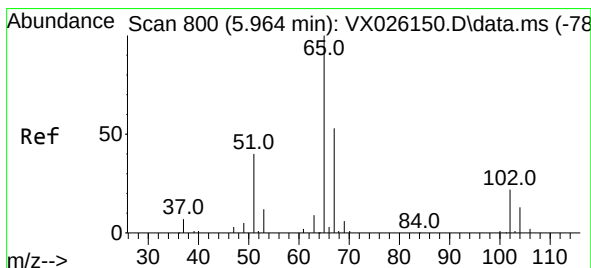
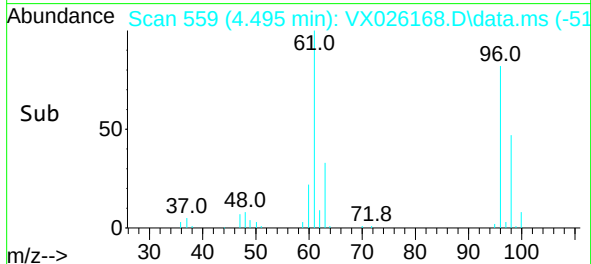
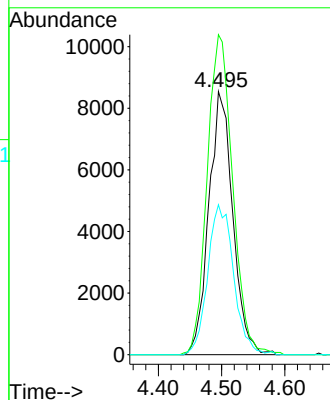
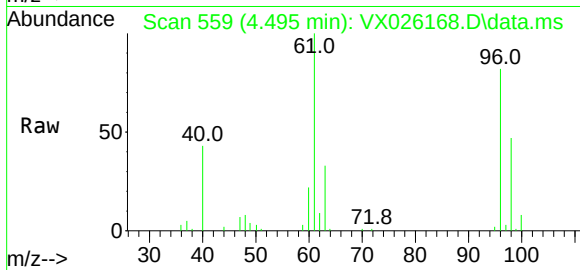
MSVOA_X

ClientSampleId :

MW-3D-122021

Tgt Ion: 96 Resp: 22544

Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	276.8
98	61.5	0.0	130.6



#33

1,2-Dichloroethane-d4

Concen: 51.334 ug/l

RT: 5.964 min Scan# 800

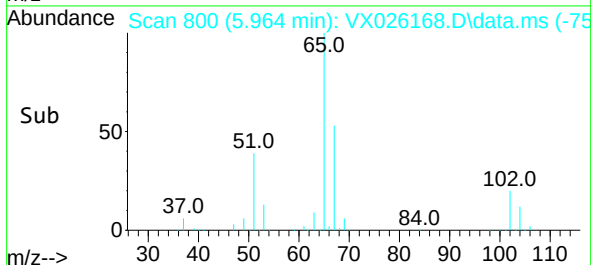
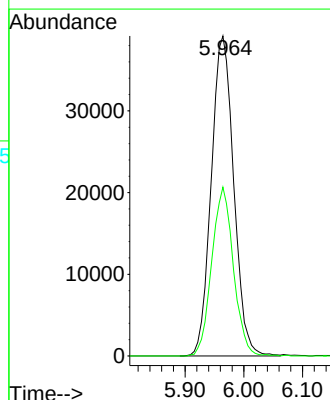
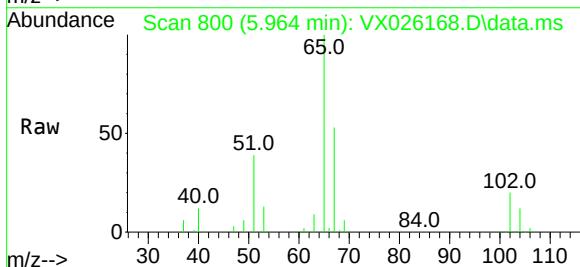
Delta R.T. 0.000 min

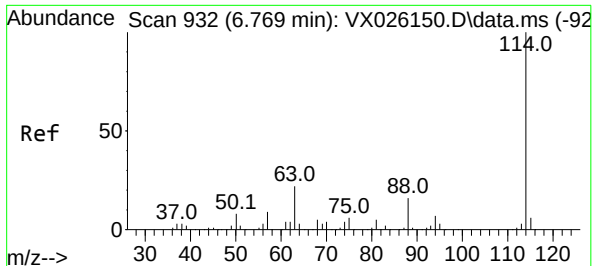
Lab File: VX026168.D

Acq: 30 Dec 2021 15:13

Tgt Ion: 65 Resp: 103947

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	103.4

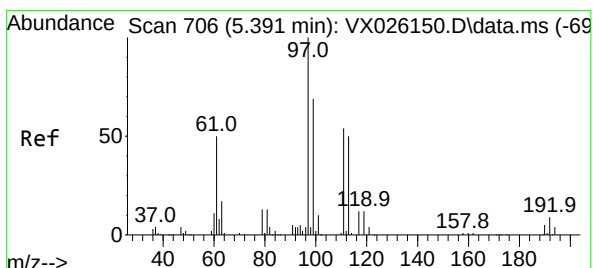
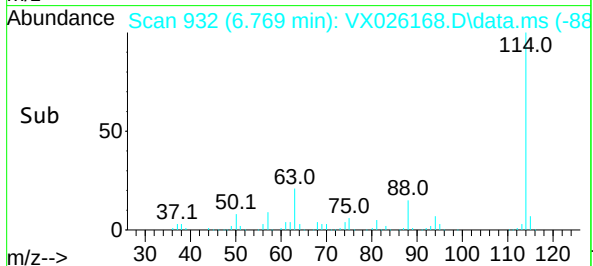
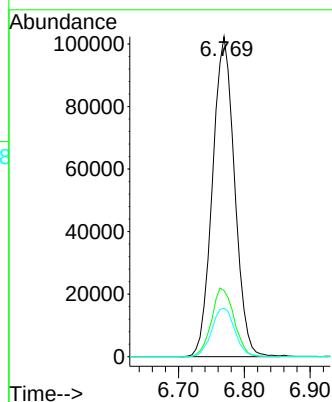
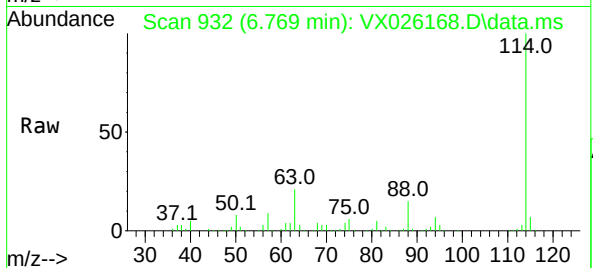




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX026168.D
Acq: 30 Dec 2021 15:13

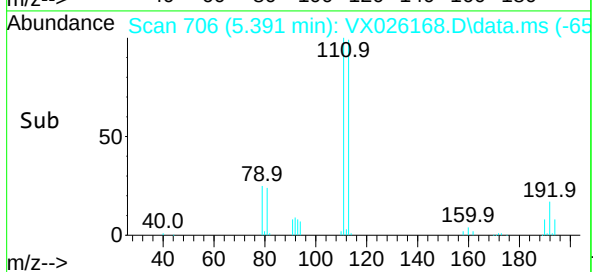
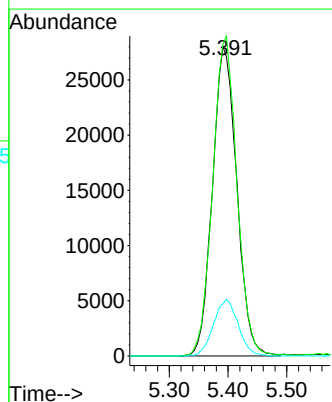
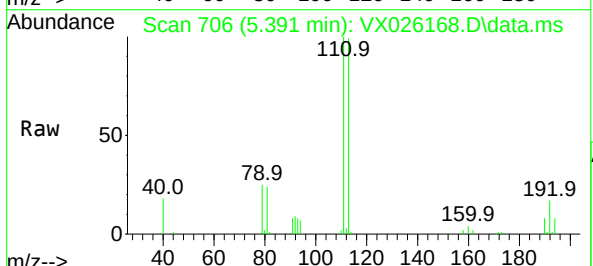
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ClientSampleId :
MW-3D-122021

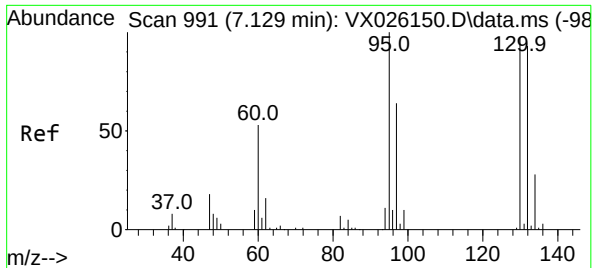
Tgt Ion:114 Resp: 239453
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.0
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.764 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026168.D
Acq: 30 Dec 2021 15:13

Tgt Ion:113 Resp: 80584
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 18.5 15.0 22.4

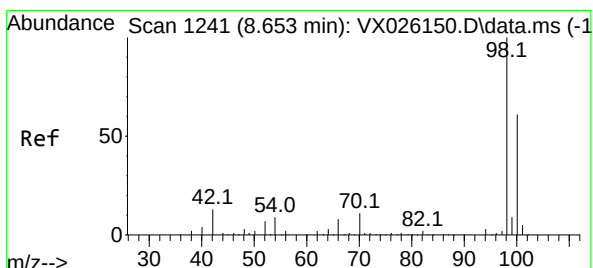
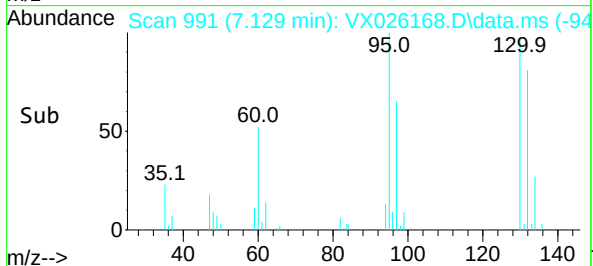
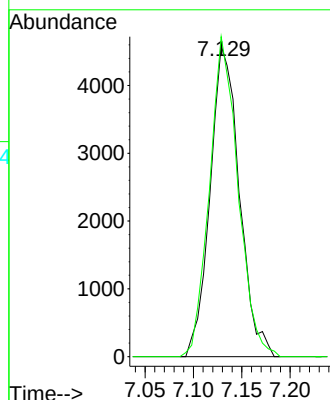
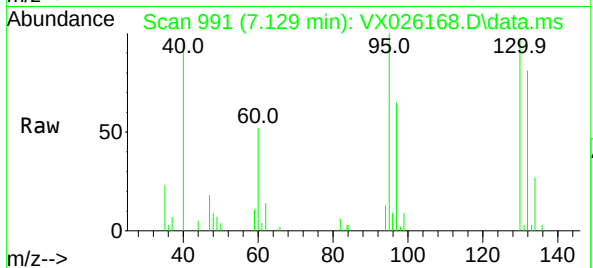




#44
Trichloroethene
Concen: 4.999 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX026168.D
Acq: 30 Dec 2021 15:13

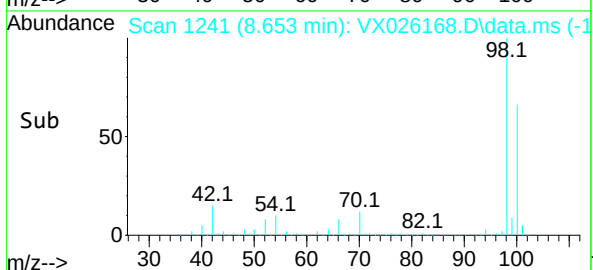
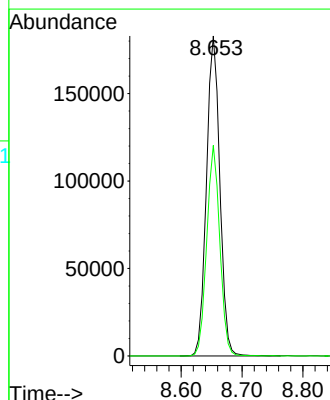
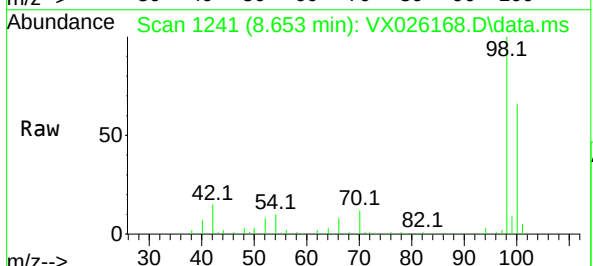
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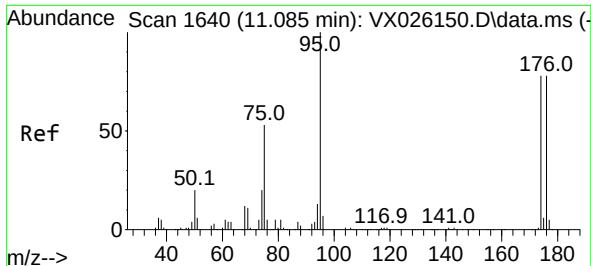
Tgt Ion:130 Resp: 9640
Ion Ratio Lower Upper
130 100
95 102.8 0.0 186.4



#50
Toluene-d8
Concen: 48.342 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026168.D
Acq: 30 Dec 2021 15:13

Tgt Ion: 98 Resp: 279926
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

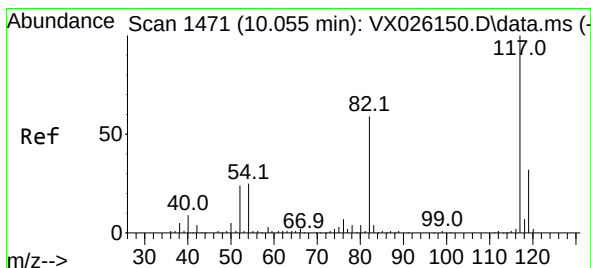
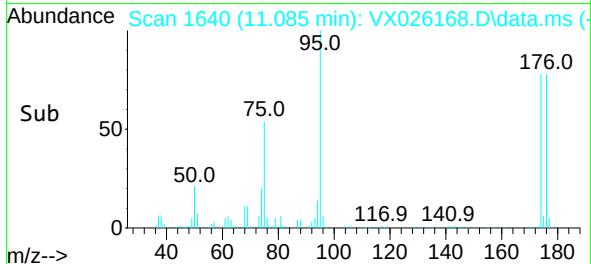
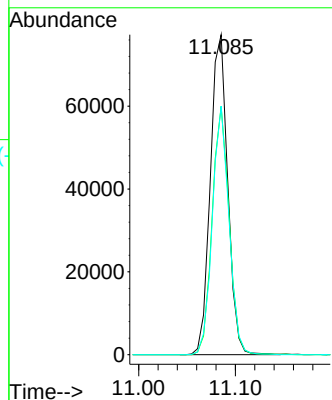
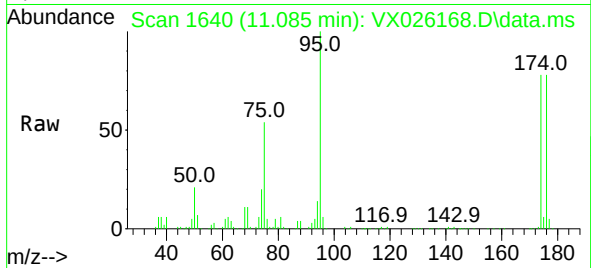




#62
4-Bromofluorobenzene
Concen: 46.719 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026168.D
Acq: 30 Dec 2021 15:13

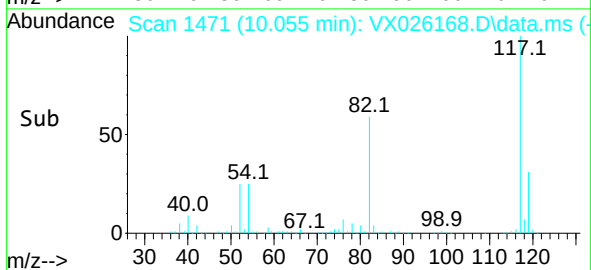
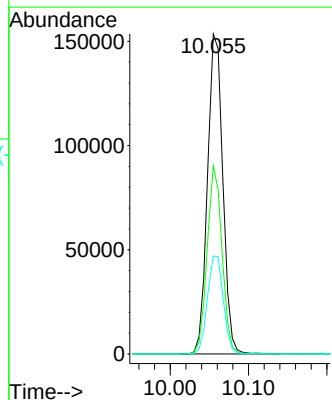
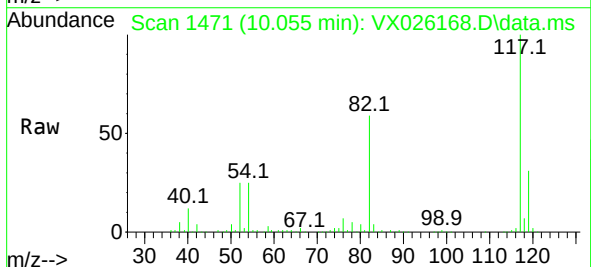
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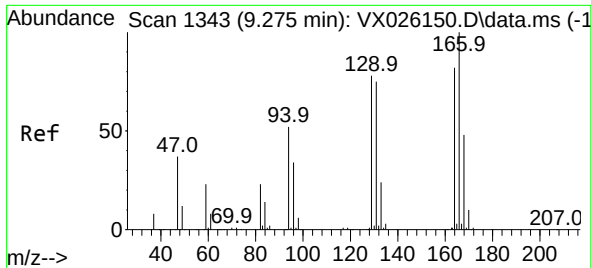
Tgt Ion: 95 Resp: 96305
Ion Ratio Lower Upper
95 100
174 75.5 0.0 157.4
176 74.4 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026168.D
Acq: 30 Dec 2021 15:13

Tgt Ion: 117 Resp: 208095
Ion Ratio Lower Upper
117 100
82 58.8 43.8 65.6
119 30.6 25.2 37.8

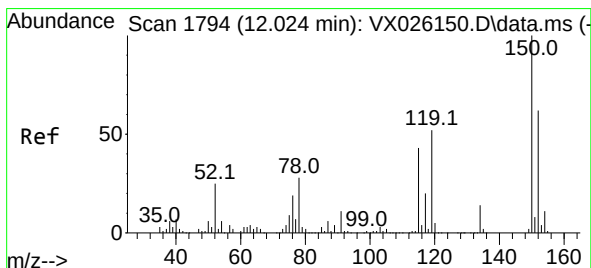
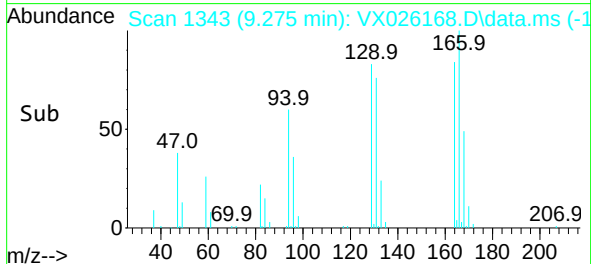
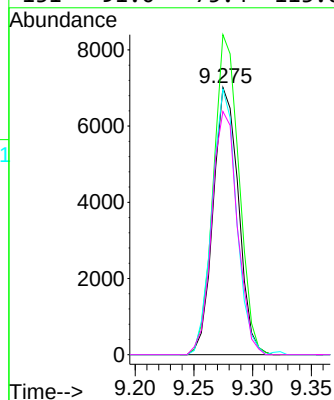
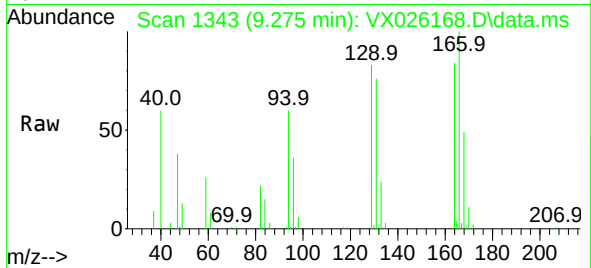




#64
Tetrachloroethene
Concen: 5.948 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026168.D
Acq: 30 Dec 2021 15:13

Instrument :
MSVOA_X
ClientSampleId :
MW-3D-122021

Tgt Ion:164	Resp:	10446
Ion Ratio	Lower	Upper
164	100	
166	119.8	99.4 149.0
129	99.4	78.6 118.0
131	91.0	75.4 113.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026168.D
Acq: 30 Dec 2021 15:13

Tgt Ion:152	Resp:	90013
Ion Ratio	Lower	Upper
152	100	
115	59.5	41.3 123.9
150	152.8	0.0 351.8

