

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026952.D
 Acq On : 11 Feb 2022 04:40
 Operator : JC/MD
 Sample : N1467-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Feb 11 07:36:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

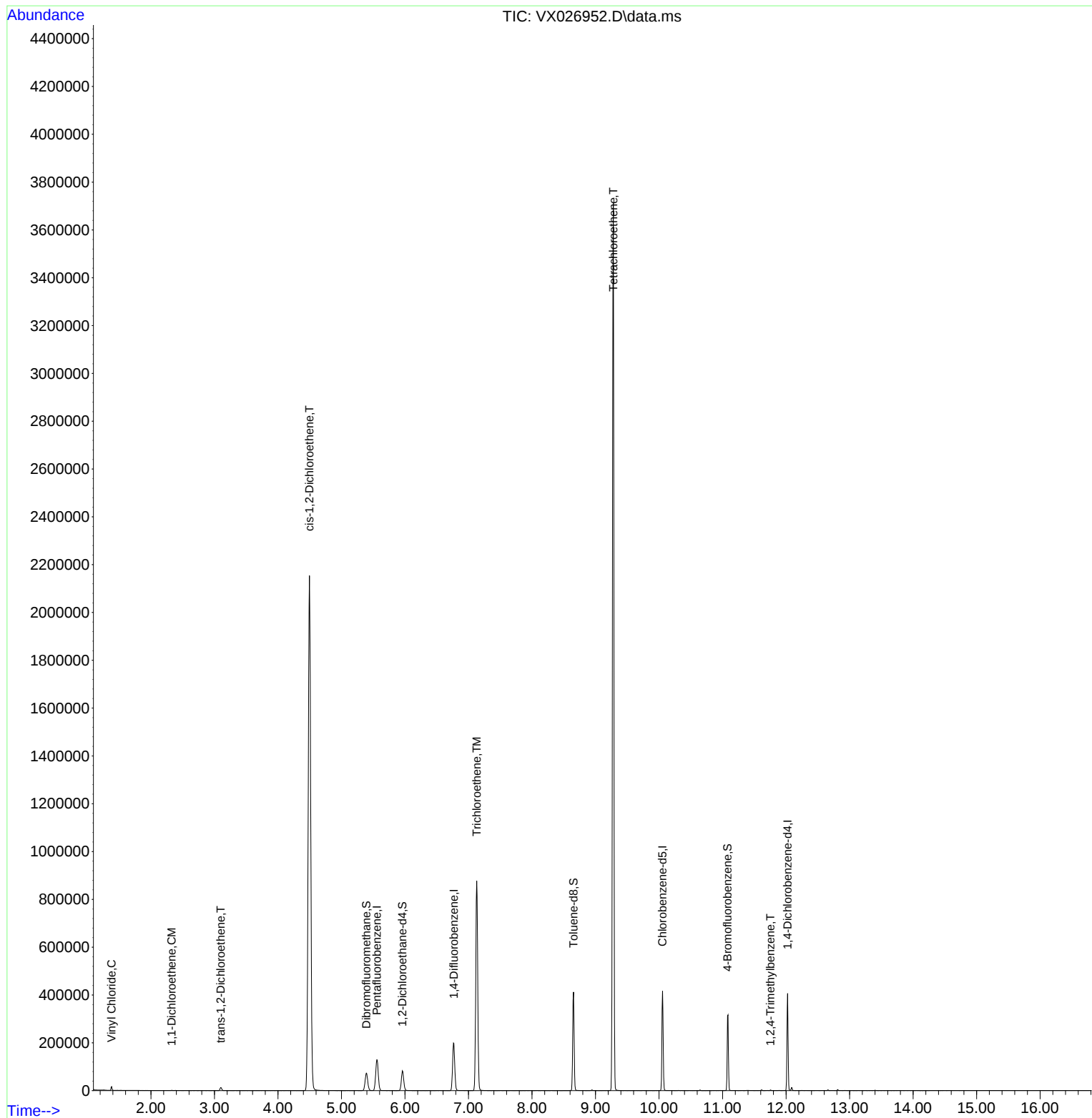
Internal Standards						
1) Pentafluorobenzene	5.556	168	123669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	206735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79334	53.441	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.880%	
35) Dibromofluoromethane	5.391	113	64432	52.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.620%	
50) Toluene-d8	8.653	98	242832	53.710	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.420%	
62) 4-Bromofluorobenzene	11.079	95	89349	56.132	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.260%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.379	62	9981	7.622	ug/l	98
12) 1,1-Dichloroethene	2.324	96	427	0.337	ug/l #	79
21) trans-1,2-Dichloroethene	3.099	96	5297	3.977	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	1350237	882.993	ug/l	89
44) Trichloroethene	7.128	130	336397	197.839	ug/l	98
64) Tetrachloroethene	9.281	164	716614	379.513	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	1344	0.252	ug/l	97

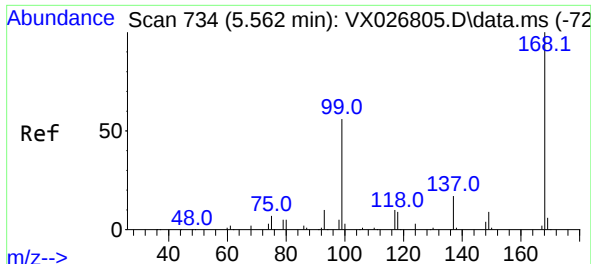
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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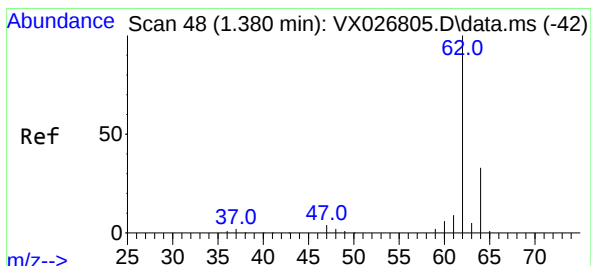
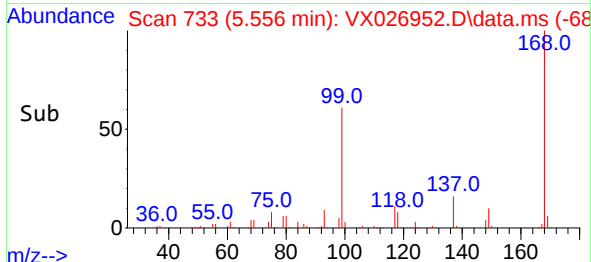
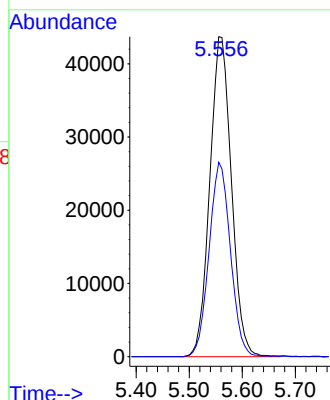
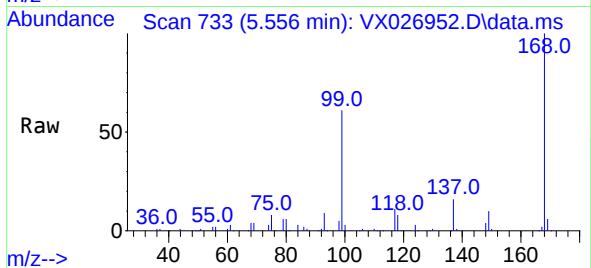




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

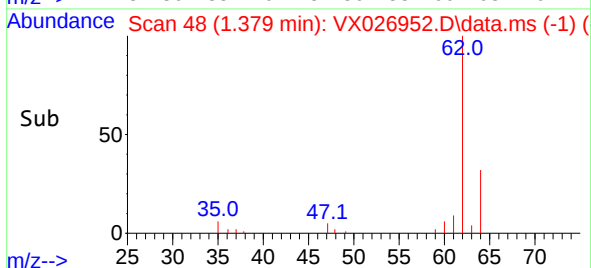
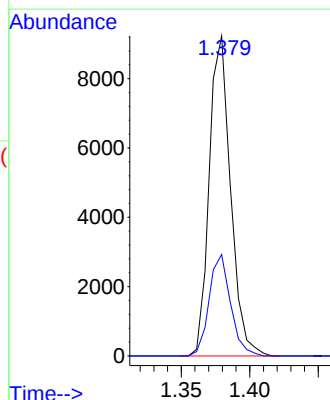
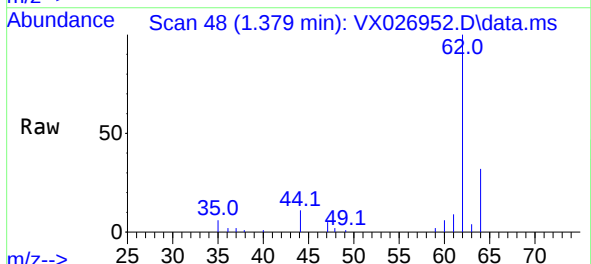
Instrument :
MSVOA_X
ClientSampleId :
MW-1

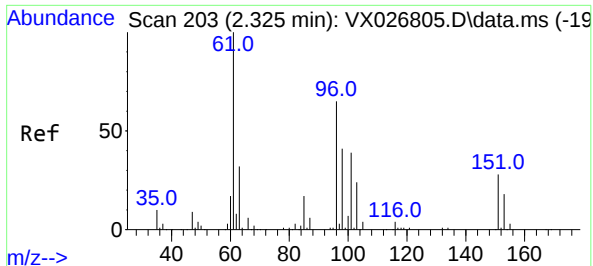
Tgt Ion:168 Resp: 123669
Ion Ratio Lower Upper
168 100
99 60.7 50.3 75.5



#4
Vinyl Chloride
Concen: 7.622 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

Tgt Ion: 62 Resp: 9981
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2





#12

1,1-Dichloroethene

Concen: 0.337 ug/l

RT: 2.324 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX026952.D

Acq: 11 Feb 2022 04:40

Instrument :

MSVOA_X

ClientSampleId :

MW-1

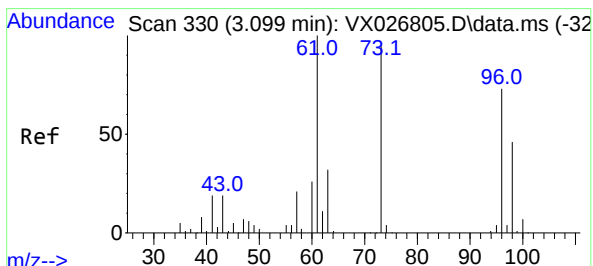
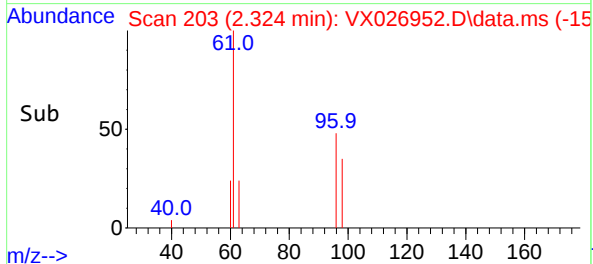
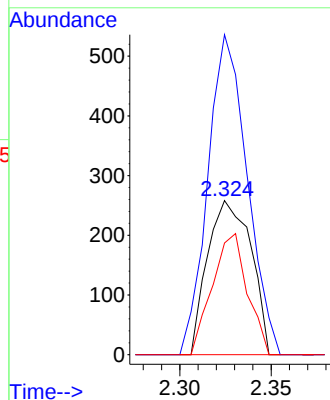
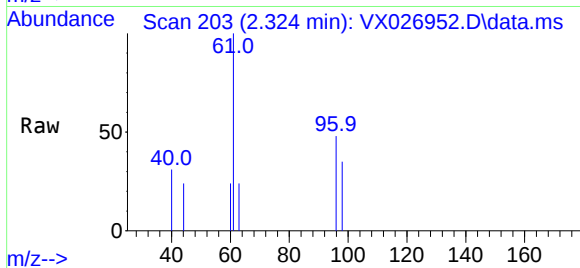
Tgt Ion: 96 Resp: 427

Ion Ratio Lower Upper

96 100

61 207.8 138.5 207.7#

98 72.5 51.8 77.6



#21

trans-1,2-Dichloroethene

Concen: 3.977 ug/l

RT: 3.099 min Scan# 330

Delta R.T. -0.000 min

Lab File: VX026952.D

Acq: 11 Feb 2022 04:40

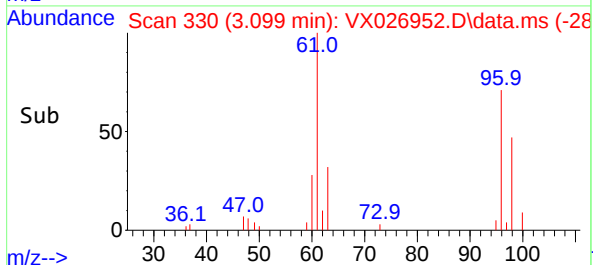
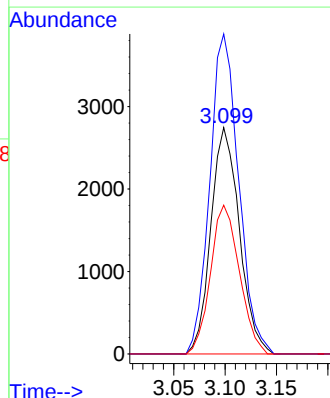
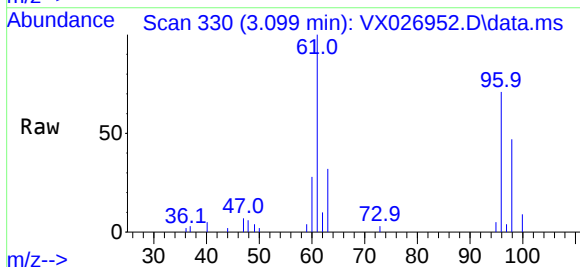
Tgt Ion: 96 Resp: 5297

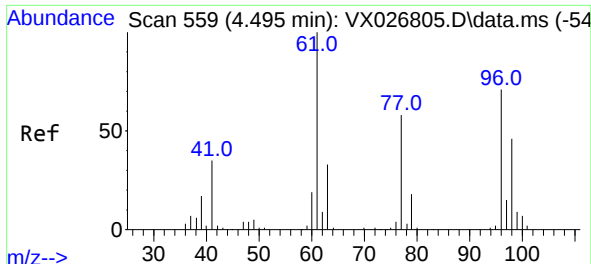
Ion Ratio Lower Upper

96 100

61 141.3 112.9 169.3

98 65.7 49.5 74.3

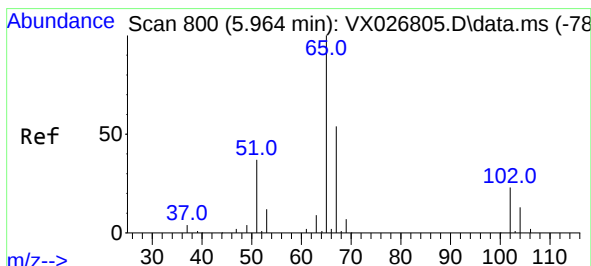
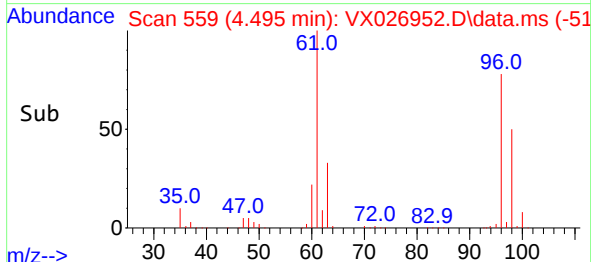
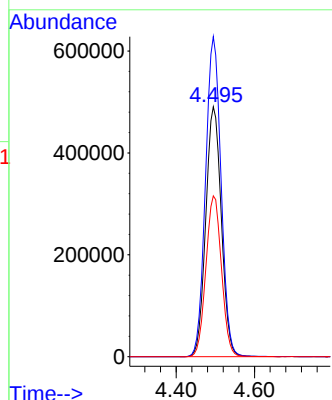
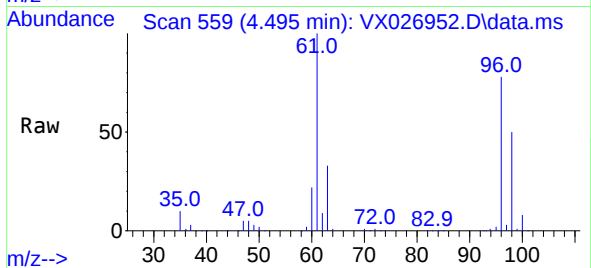




#27
cis-1,2-Dichloroethene
Concen: 882.993 ug/l
RT: 4.495 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

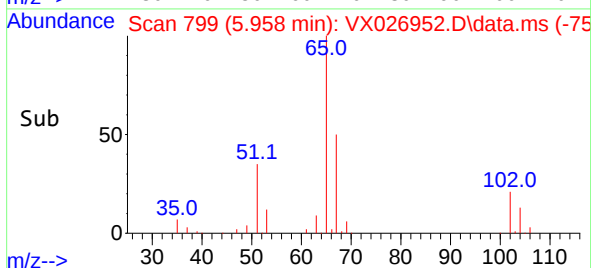
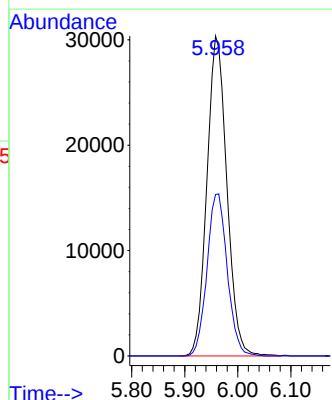
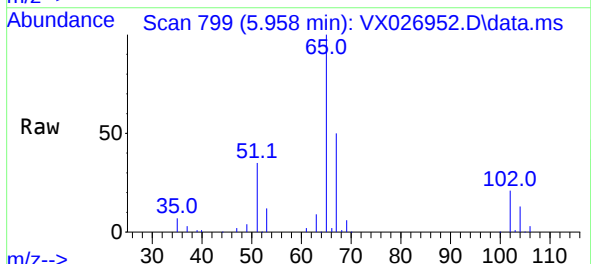
Instrument :
MSVOA_X
ClientSampleId :
MW-1

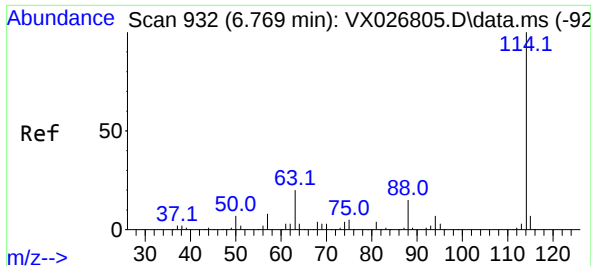
Tgt Ion: 96 Resp: 1350237
Ion Ratio Lower Upper
96 100
61 127.7 0.0 296.6
98 64.5 0.0 128.8



#33
1,2-Dichloroethane-d4
Concen: 53.441 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

Tgt Ion: 65 Resp: 79334
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX026952.D

Acq: 11 Feb 2022 04:40

Instrument :

MSVOA_X

ClientSampleId :

MW-1

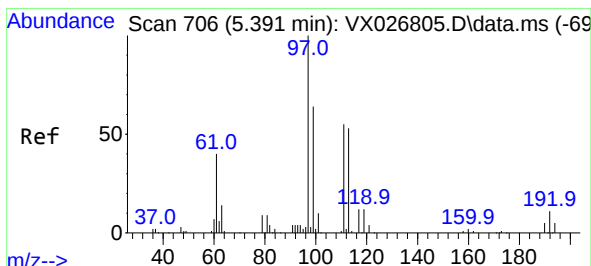
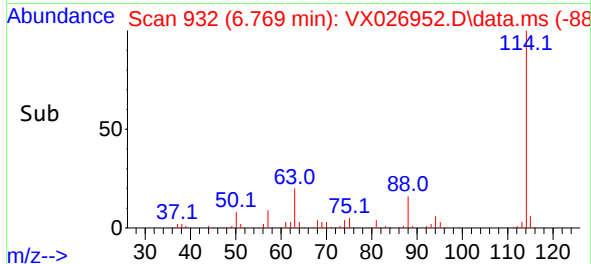
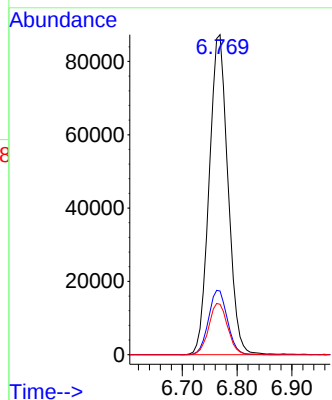
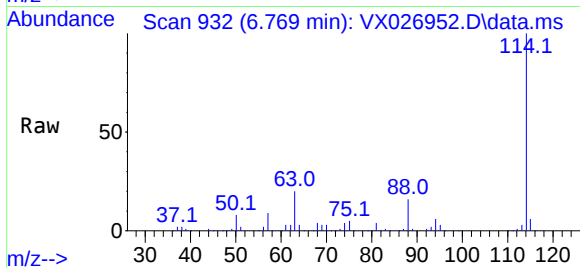
Tgt Ion:114 Resp: 206735

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 15.8 0.0 33.0



#35

Dibromofluoromethane

Concen: 52.312 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026952.D

Acq: 11 Feb 2022 04:40

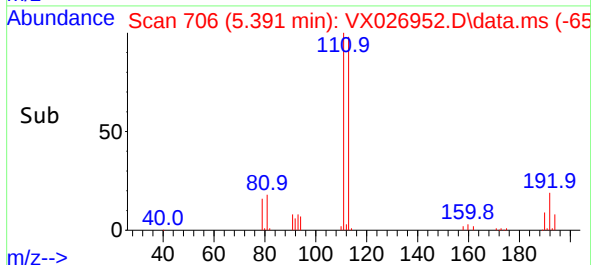
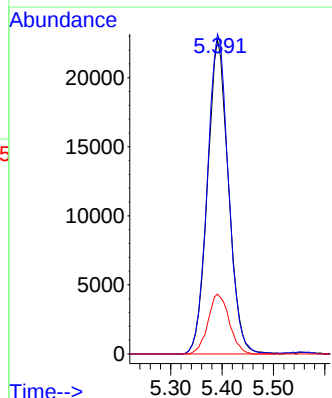
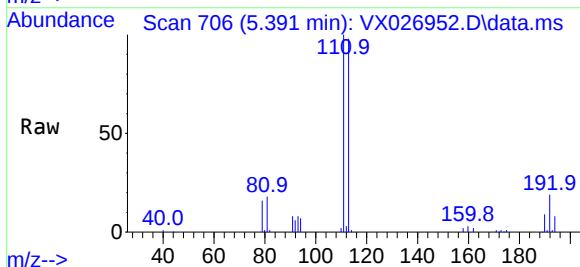
Tgt Ion:113 Resp: 64432

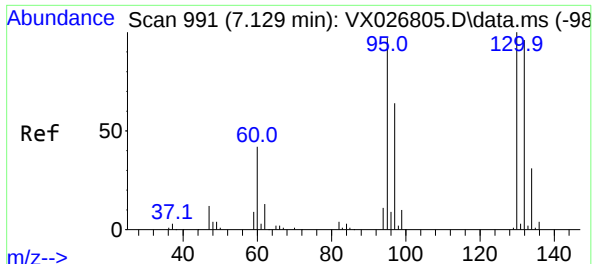
Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

192 19.3 15.0 22.4

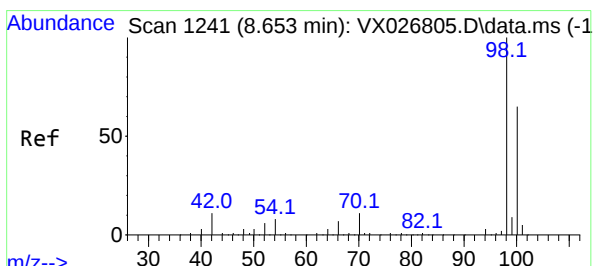
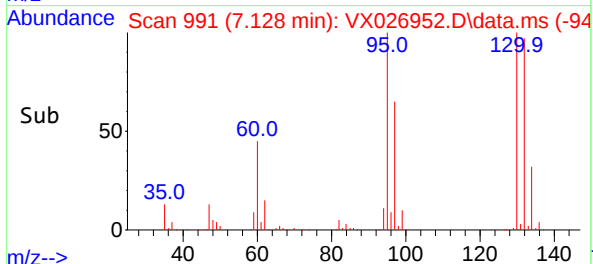
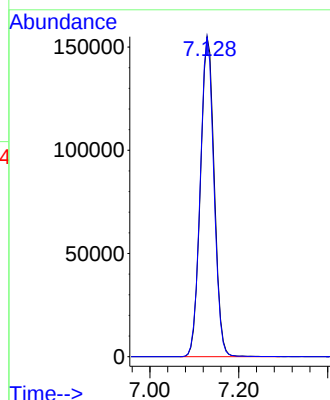
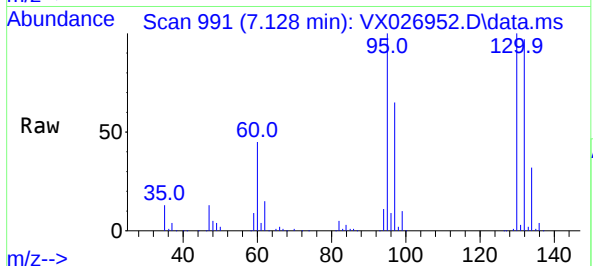




#44
Trichloroethene
Concen: 197.839 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

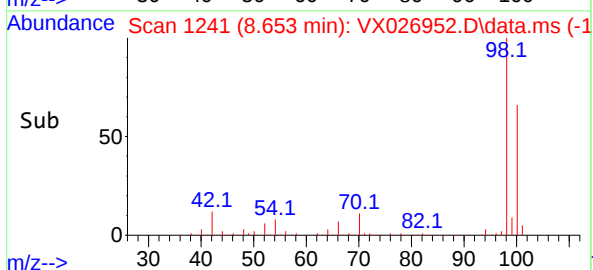
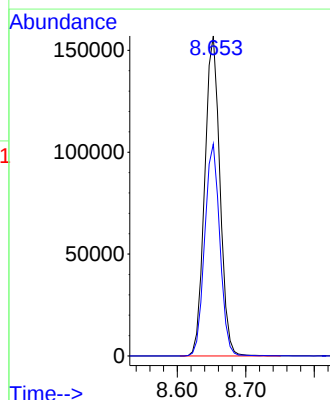
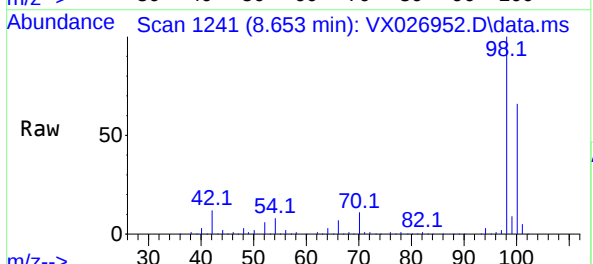
Instrument :
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ClientSampleId :
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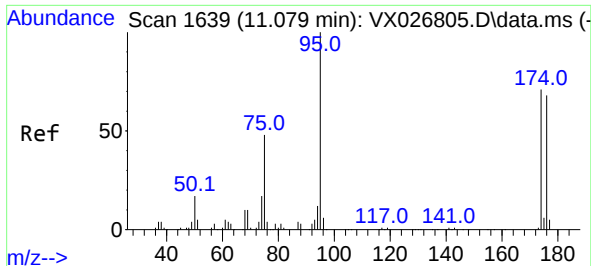
Tgt Ion:130 Resp: 336397
Ion Ratio Lower Upper
130 100
95 99.8 0.0 202.6



#50
Toluene-d8
Concen: 53.710 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

Tgt Ion: 98 Resp: 242832
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8

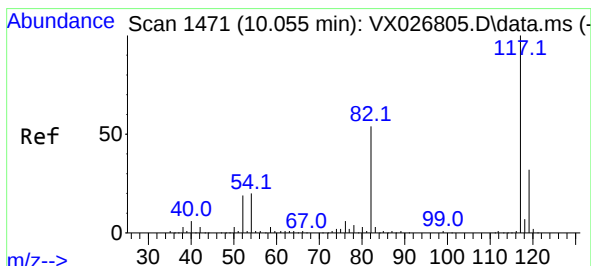
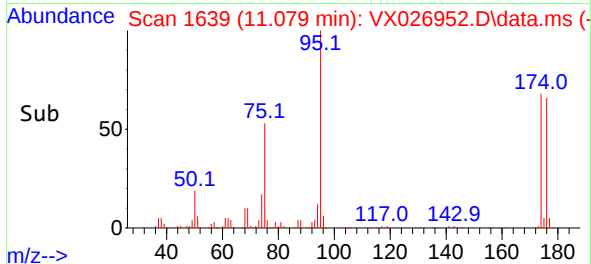
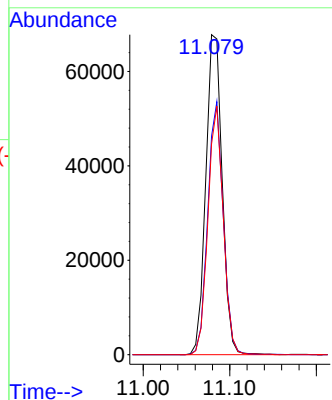
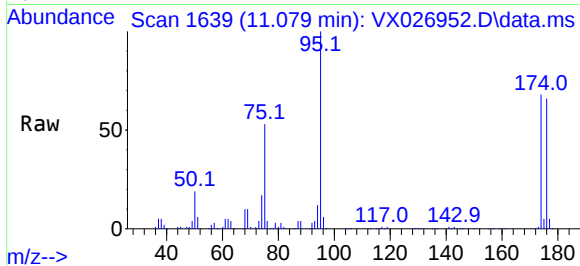




#62
4-Bromofluorobenzene
Concen: 56.132 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

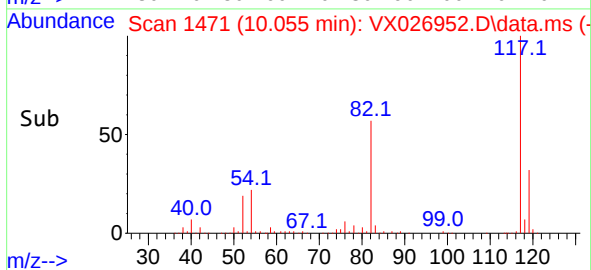
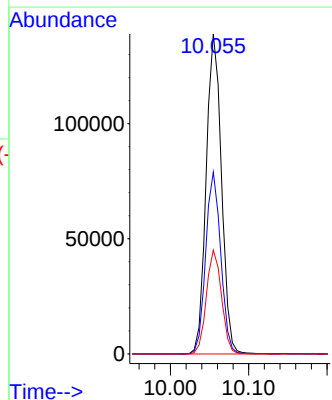
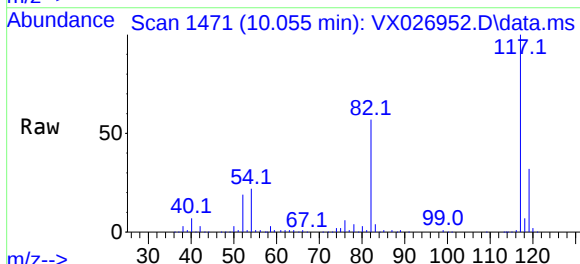
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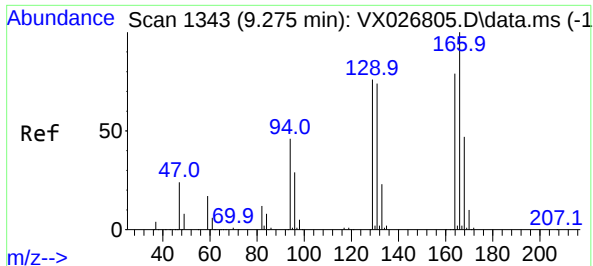
Tgt Ion: 95 Resp: 89349
Ion Ratio Lower Upper
95 100
174 74.7 0.0 148.6
176 72.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

Tgt Ion: 117 Resp: 188006
Ion Ratio Lower Upper
117 100
82 56.8 45.2 67.8
119 32.4 26.2 39.2

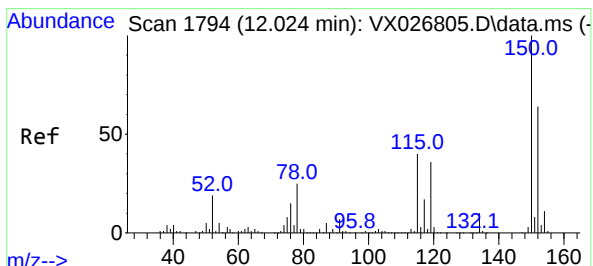
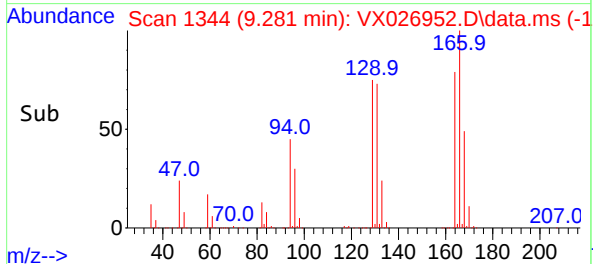
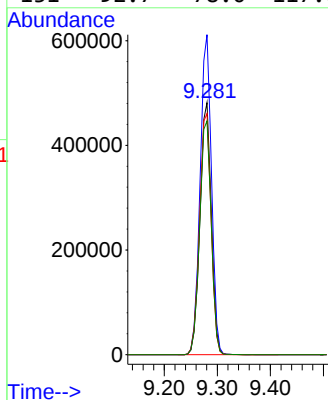
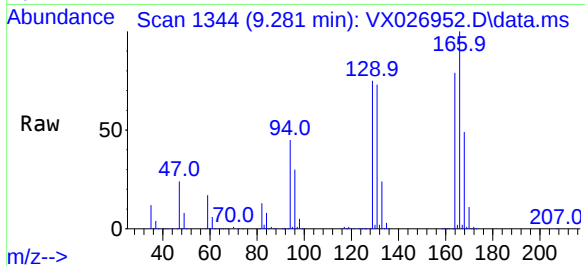




#64
Tetrachloroethene
Concen: 379.513 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

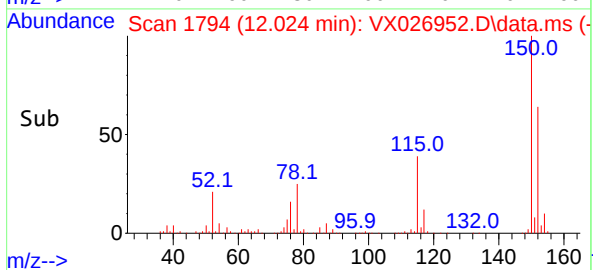
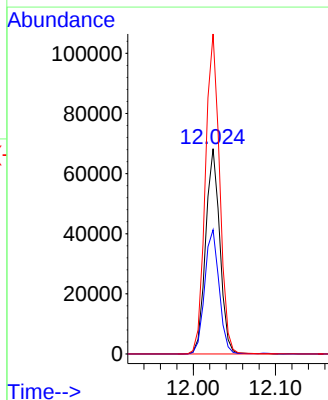
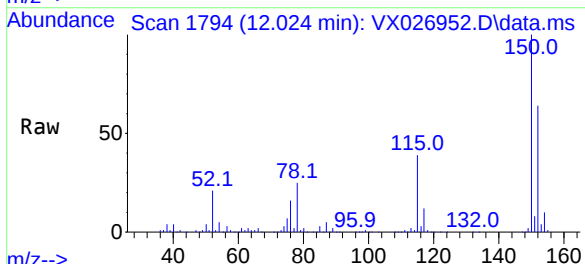
Instrument :
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MW-1

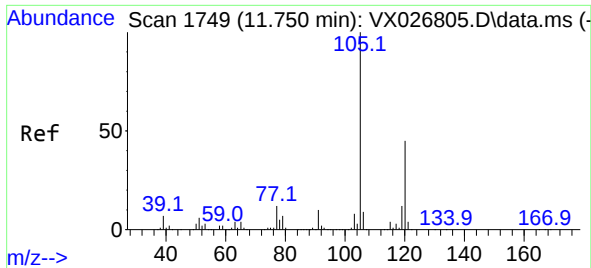
Tgt Ion:164 Resp: 716614
Ion Ratio Lower Upper
164 100
166 127.0 101.8 152.6
129 95.7 83.3 124.9
131 92.7 78.0 117.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026952.D
Acq: 11 Feb 2022 04:40

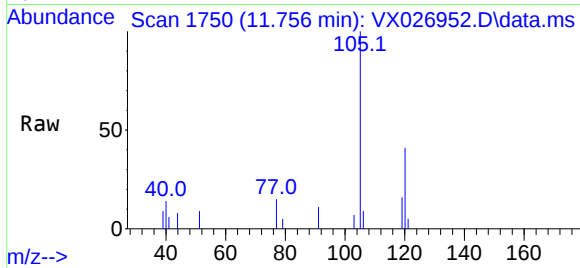
Tgt Ion:152 Resp: 81645
Ion Ratio Lower Upper
152 100
115 61.5 44.2 132.6
150 157.3 0.0 348.2





#84
 1,2,4-Trimethylbenzene
 Concen: 0.252 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX026952.D
 Acq: 11 Feb 2022 04:40

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1



Tgt Ion:105 Resp: 1344
 Ion Ratio Lower Upper
 105 100
 120 41.9 21.9 65.5

