

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026950.D
 Acq On : 11 Feb 2022 03:54
 Operator : JC/MD
 Sample : N1467-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23D

Quant Time: Feb 11 07:35:26 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)

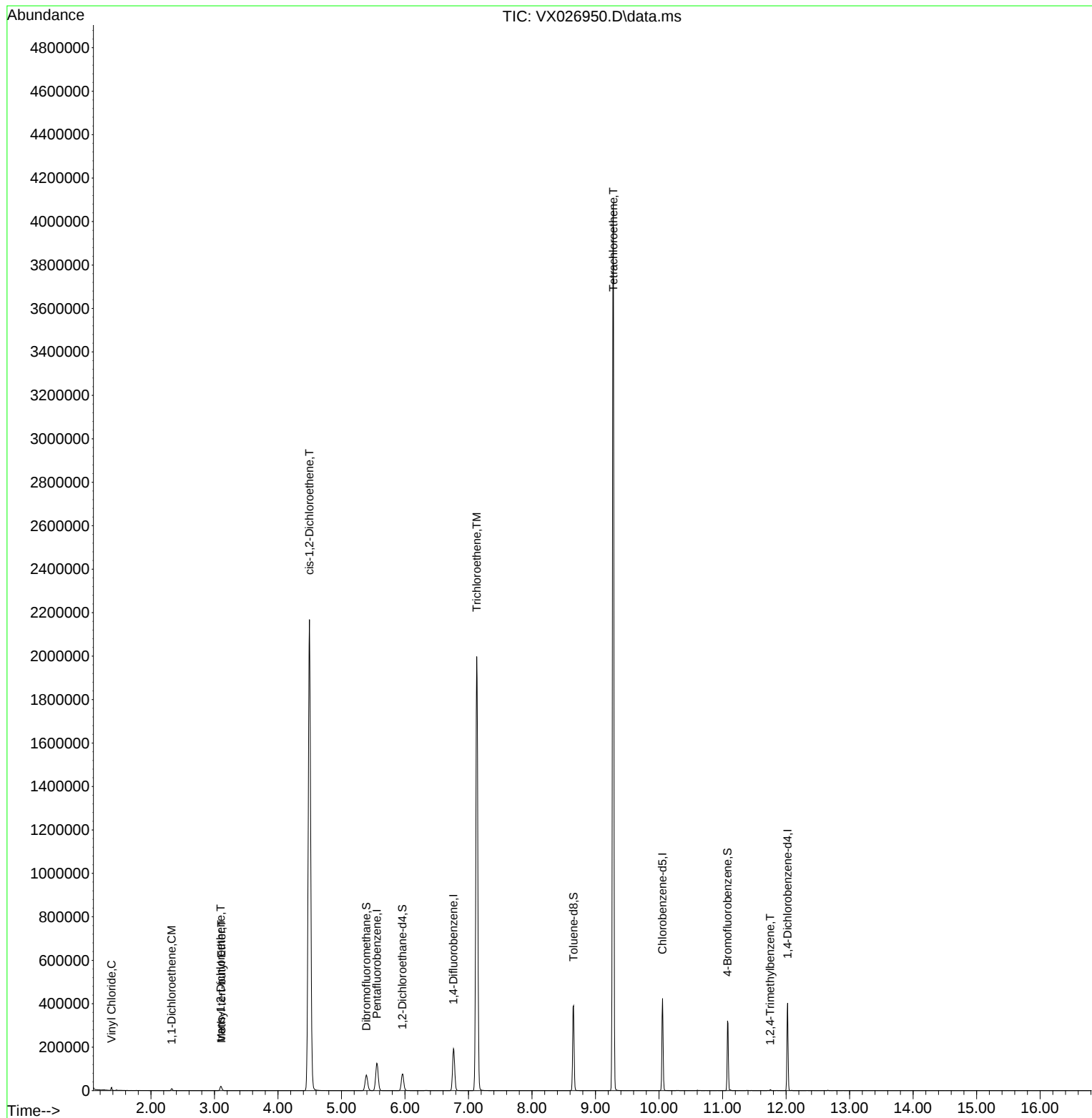
Internal Standards						
1) Pentafluorobenzene	5.556	168	119163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76755	53.659	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.320%	
35) Dibromofluoromethane	5.391	113	62813	52.636	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.280%	
50) Toluene-d8	8.653	98	235599	53.784	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.560%	
62) 4-Bromofluorobenzene	11.079	95	89750	58.196	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.400%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	8595	6.812	ug/l	97
12) 1,1-Dichloroethene	2.325	96	3037	2.490	ug/l	88
19) Methyl tert-butyl Ether	3.111	73	3515	0.814	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	7955	6.199	ug/l	90
27) cis-1,2-Dichloroethene	4.495	96	1350483	916.549	ug/l	88
44) Trichloroethene	7.129	130	777403	471.887	ug/l	98
64) Tetrachloroethene	9.281	164	787995	422.343	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	2242	0.413	ug/l	99

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

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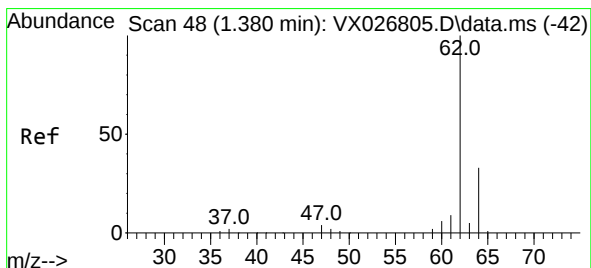
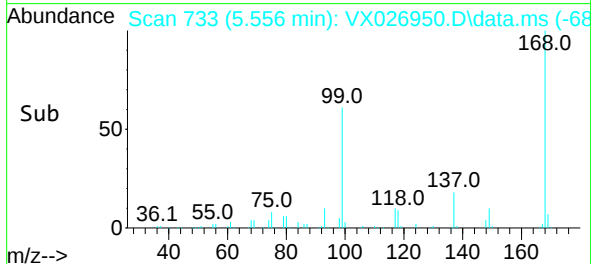
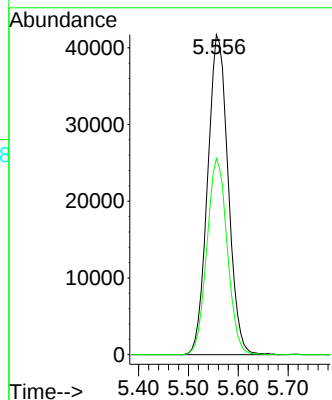
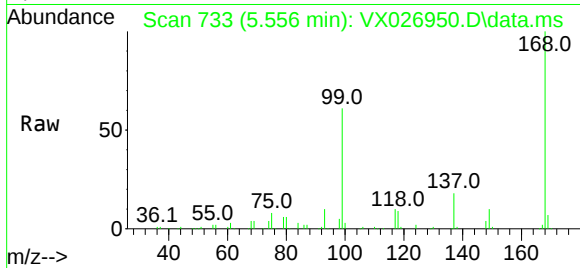




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026950.D
Acq: 11 Feb 2022 03:54

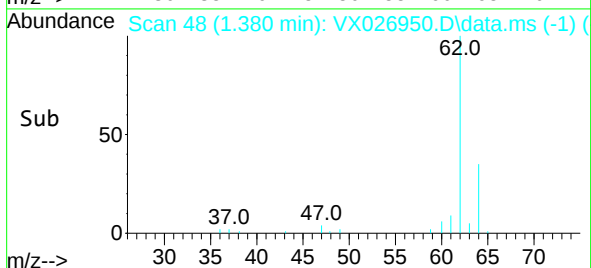
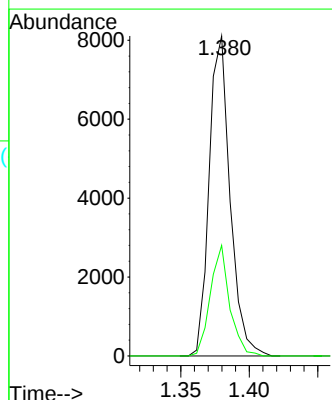
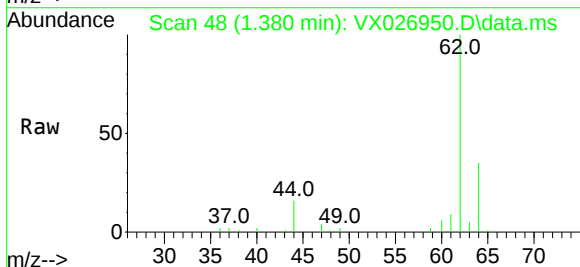
Instrument :
MSVOA_X
ClientSampleId :
MW-23D

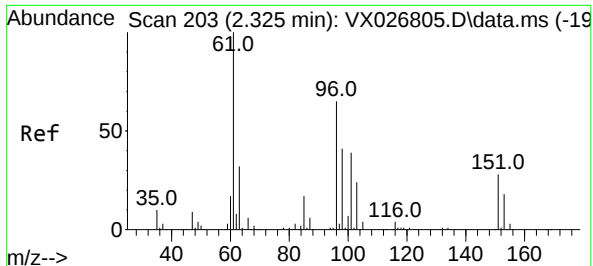
Tgt Ion:168 Resp: 119163
Ion Ratio Lower Upper
168 100
99 61.2 50.3 75.5



#4
Vinyl Chloride
Concen: 6.812 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX026950.D
Acq: 11 Feb 2022 03:54

Tgt Ion: 62 Resp: 8595
Ion Ratio Lower Upper
62 100
64 34.6 26.2 39.2





#12

1,1-Dichloroethene

Concen: 2.490 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX026950.D

Acq: 11 Feb 2022 03:54

Instrument :

MSVOA_X

ClientSampleId :

MW-23D

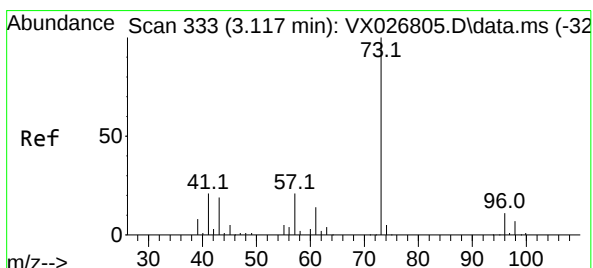
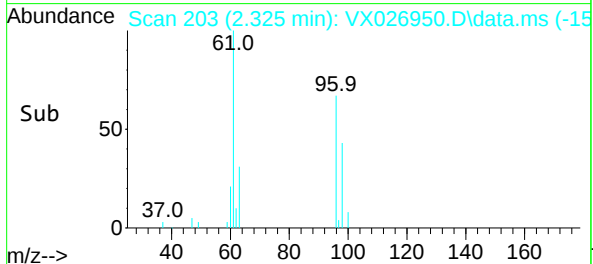
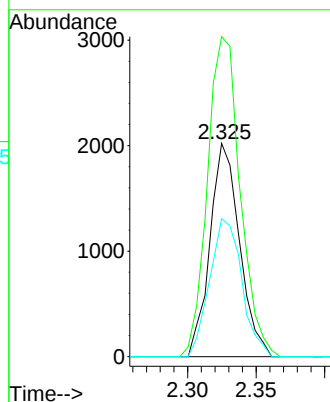
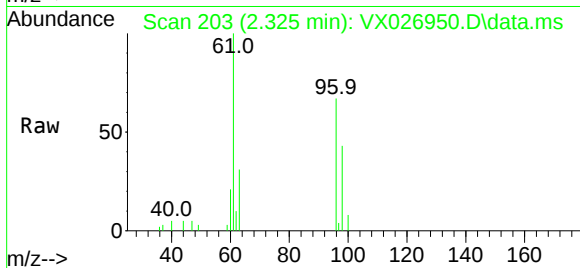
Tgt Ion: 96 Resp: 3037

Ion Ratio Lower Upper

96 100

61 150.1 138.5 207.7

98 64.7 51.8 77.6



#19

Methyl tert-butyl Ether

Concen: 0.814 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.006 min

Lab File: VX026950.D

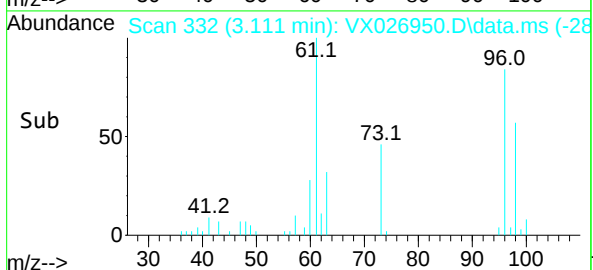
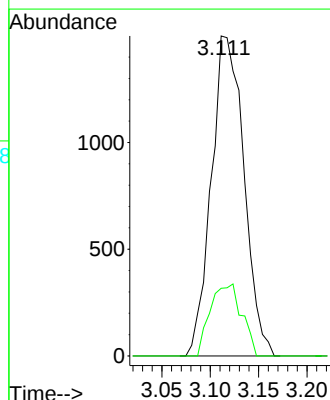
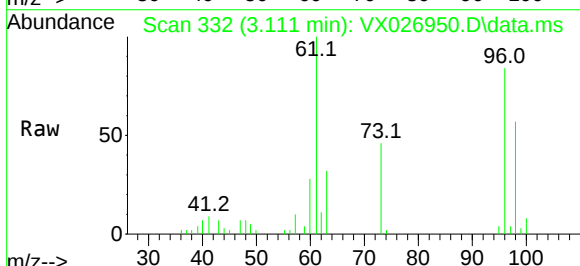
Acq: 11 Feb 2022 03:54

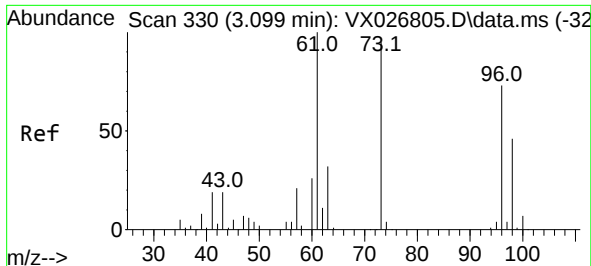
Tgt Ion: 73 Resp: 3515

Ion Ratio Lower Upper

73 100

57 21.1 17.4 26.2





#21

trans-1,2-Dichloroethene

Concen: 6.199 ug/l

RT: 3.099 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX026950.D

Acq: 11 Feb 2022 03:54

Instrument :

MSVOA_X

ClientSampleId :

MW-23D

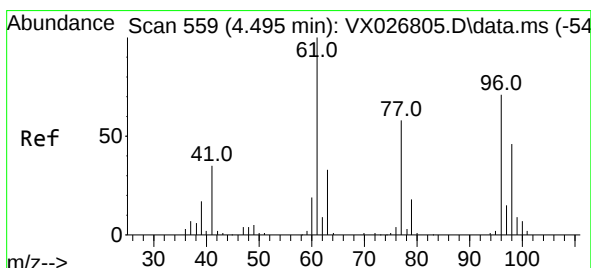
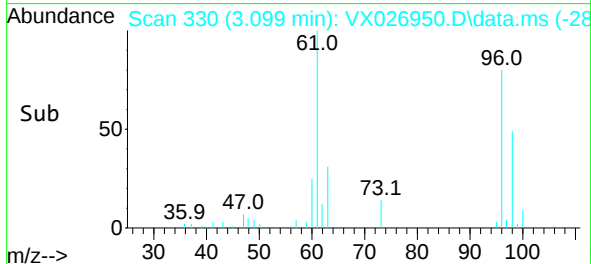
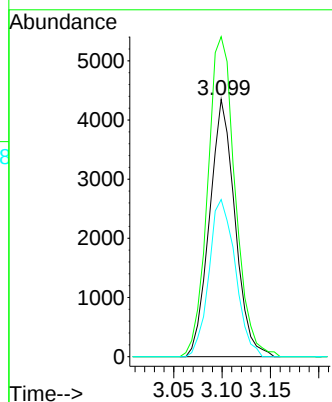
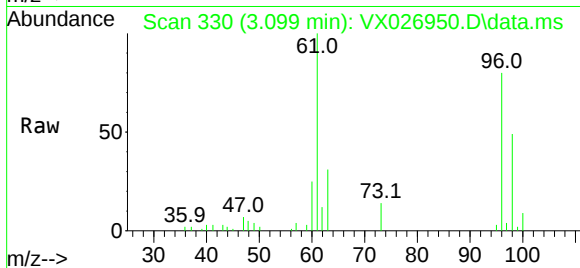
Tgt Ion: 96 Resp: 7955

Ion Ratio Lower Upper

96 100

61 124.4 112.9 169.3

98 61.1 49.5 74.3



#27

cis-1,2-Dichloroethene

Concen: 916.549 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX026950.D

Acq: 11 Feb 2022 03:54

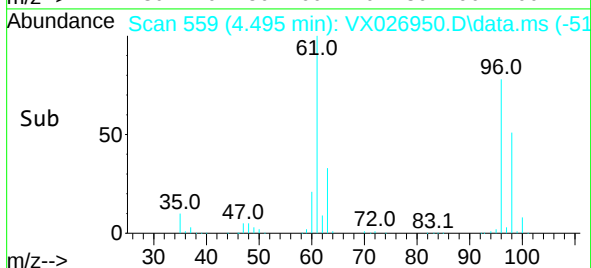
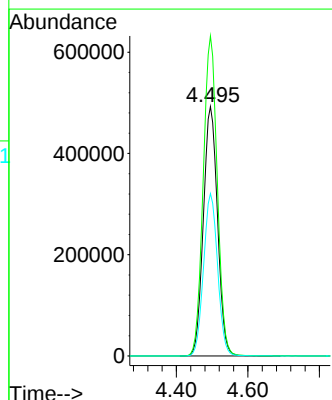
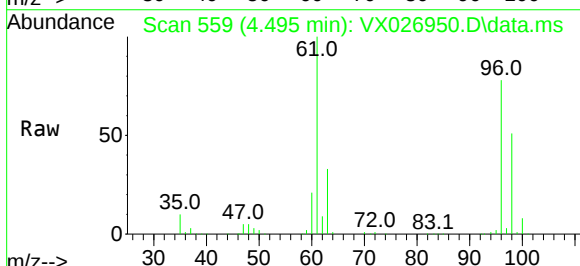
Tgt Ion: 96 Resp: 1350483

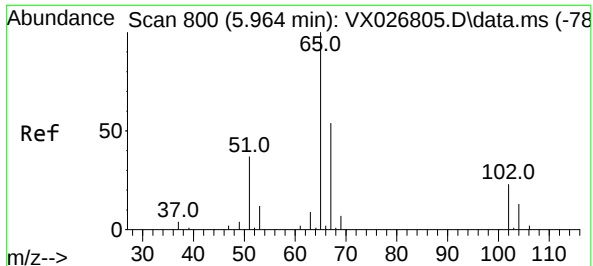
Ion Ratio Lower Upper

96 100

61 127.5 0.0 296.6

98 64.7 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 53.659 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026950.D

Acq: 11 Feb 2022 03:54

Instrument :

MSVOA_X

ClientSampleId :

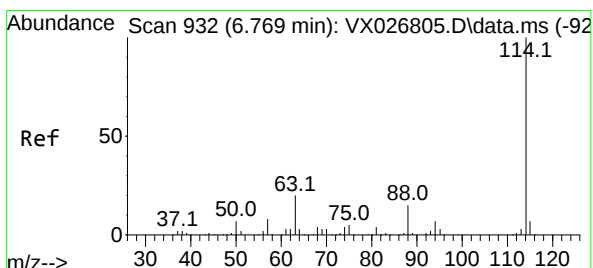
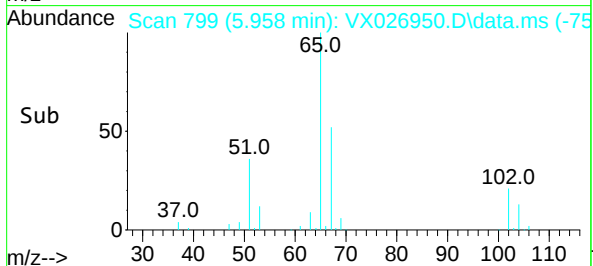
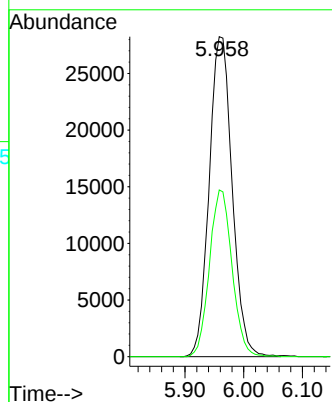
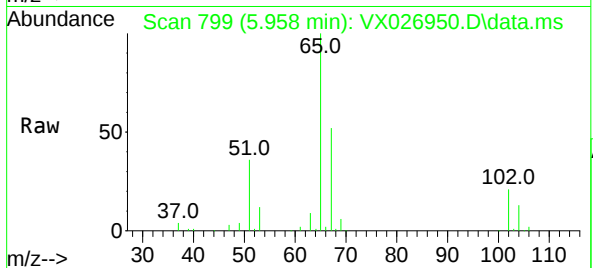
MW-23D

Tgt Ion: 65 Resp: 76755

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026950.D

Acq: 11 Feb 2022 03:54

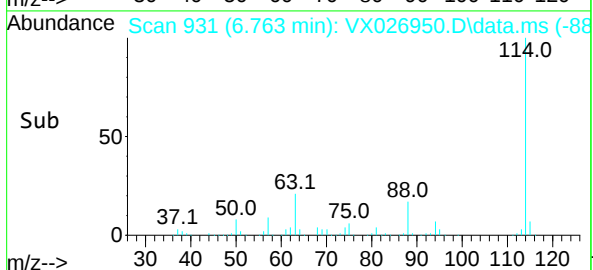
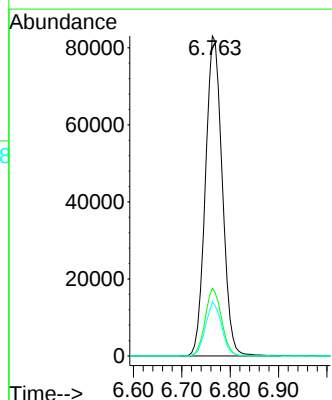
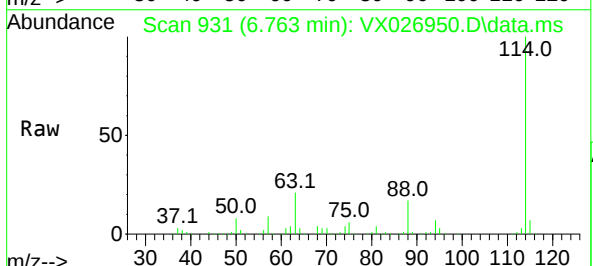
Tgt Ion: 114 Resp: 200300

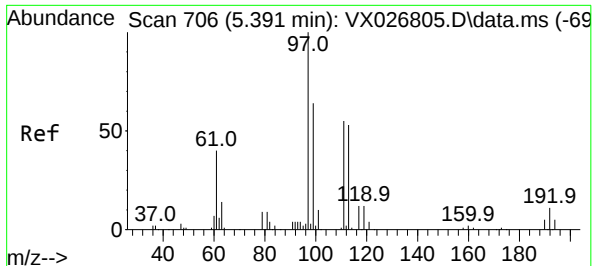
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

88 16.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.636 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026950.D

Acq: 11 Feb 2022 03:54

Instrument :

MSVOA_X

ClientSampleId :

MW-23D

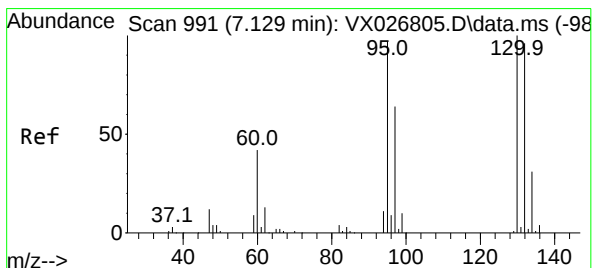
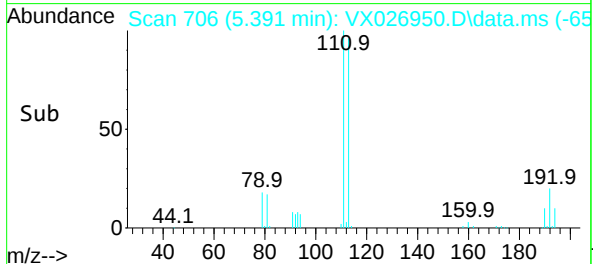
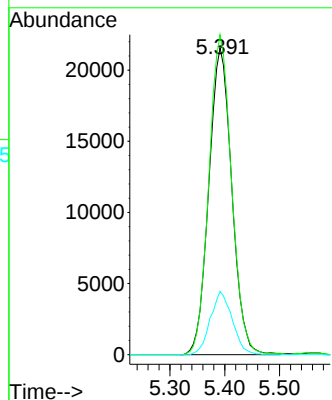
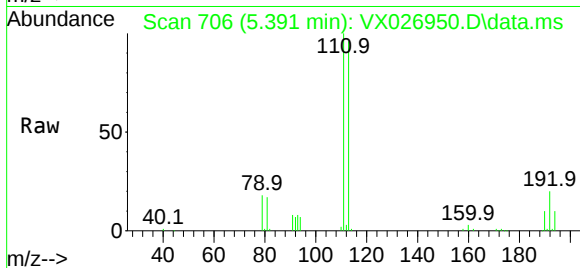
Tgt Ion:113 Resp: 62813

Ion Ratio Lower Upper

113 100

111 102.8 81.2 121.8

192 19.7 15.0 22.4



#44

Trichloroethene

Concen: 471.887 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX026950.D

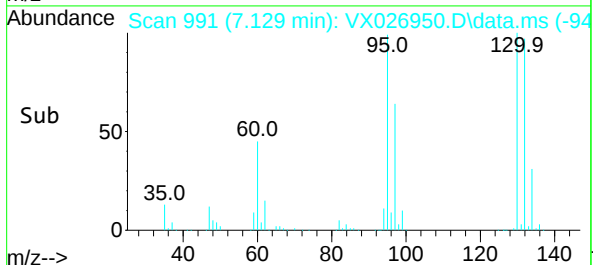
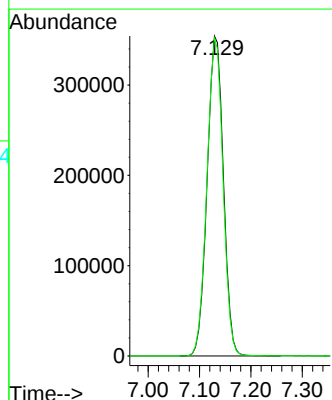
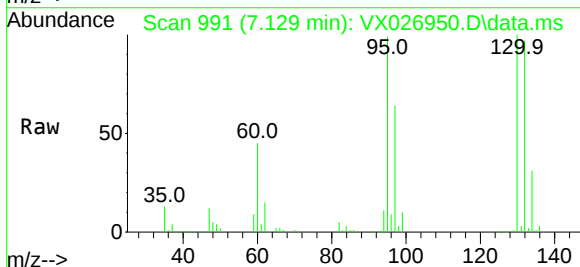
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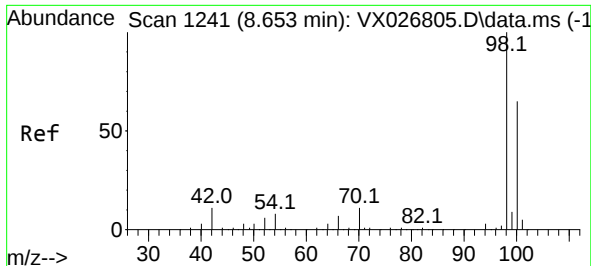
Tgt Ion:130 Resp: 777403

Ion Ratio Lower Upper

130 100

95 99.3 0.0 202.6

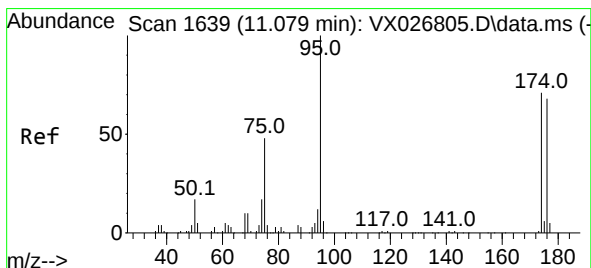
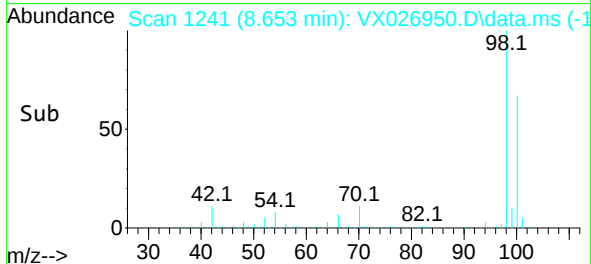
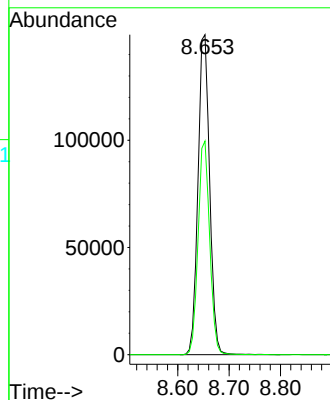
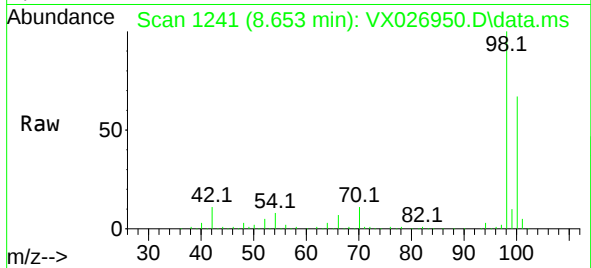




#50
Toluene-d8
Concen: 53.784 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026950.D
Acq: 11 Feb 2022 03:54

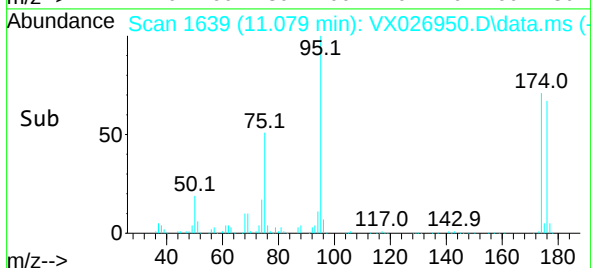
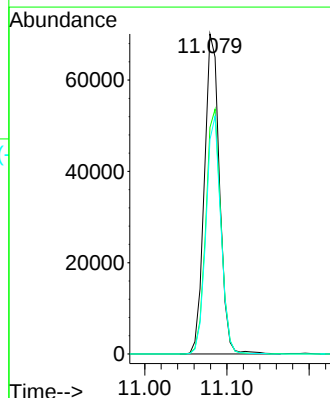
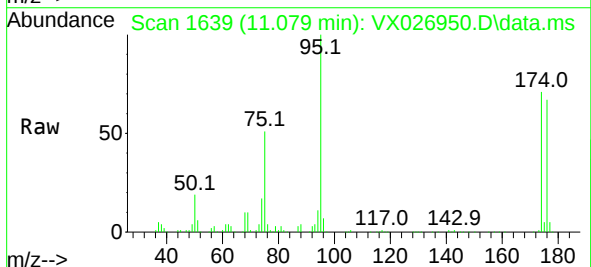
Instrument :
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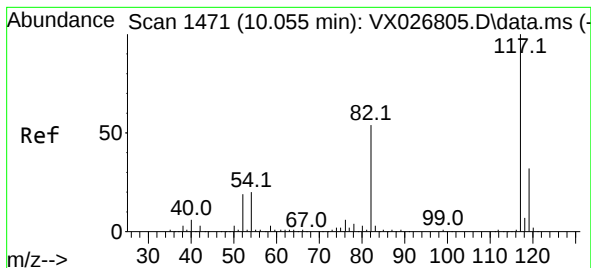
Tgt Ion: 98 Resp: 235599
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 58.196 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026950.D
Acq: 11 Feb 2022 03:54

Tgt Ion: 95 Resp: 89750
Ion Ratio Lower Upper
95 100
174 76.0 0.0 148.6
176 72.8 0.0 141.4

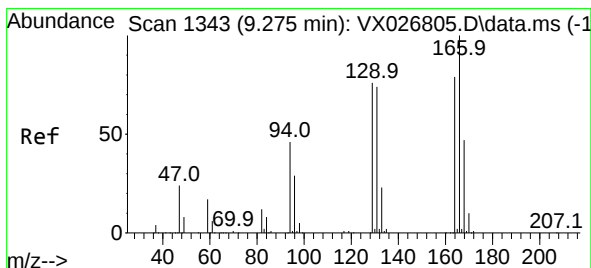
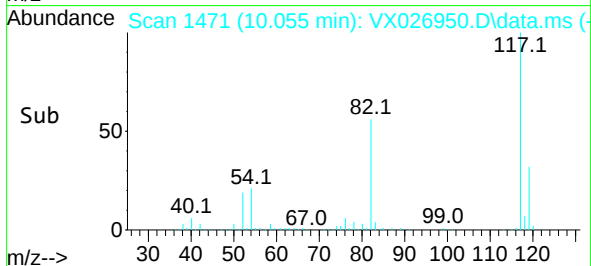
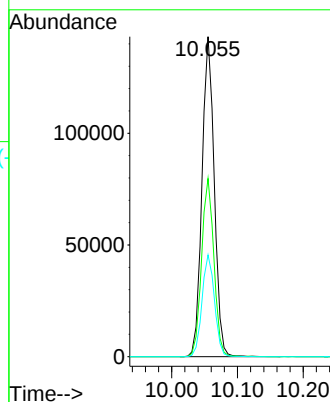
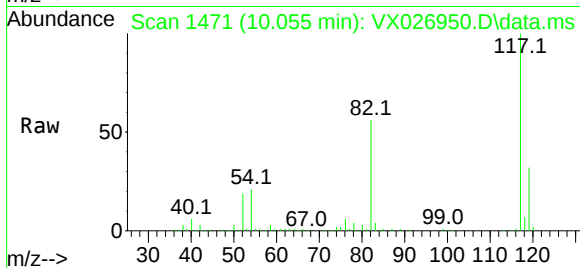




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026950.D
Acq: 11 Feb 2022 03:54

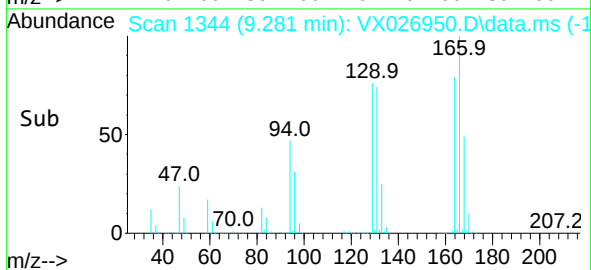
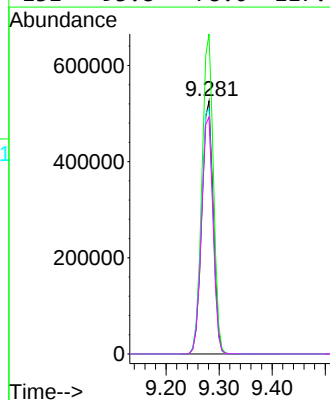
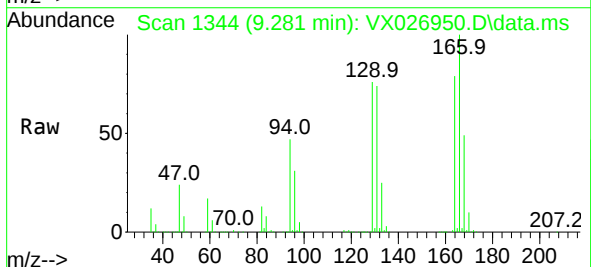
Instrument :
MSVOA_X
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MW-23D

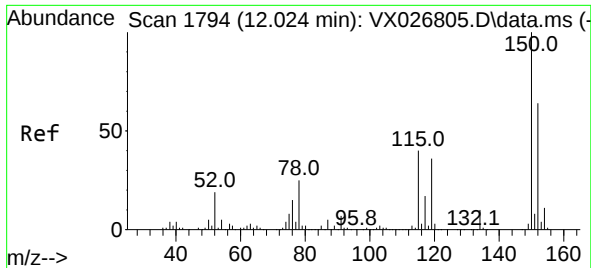
Tgt Ion:117 Resp: 185768
Ion Ratio Lower Upper
117 100
82 55.7 45.2 67.8
119 31.8 26.2 39.2



#64
Tetrachloroethene
Concen: 422.343 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX026950.D
Acq: 11 Feb 2022 03:54

Tgt Ion:164 Resp: 787995
Ion Ratio Lower Upper
164 100
166 126.6 101.8 152.6
129 96.8 83.3 124.9
131 93.8 78.0 117.0

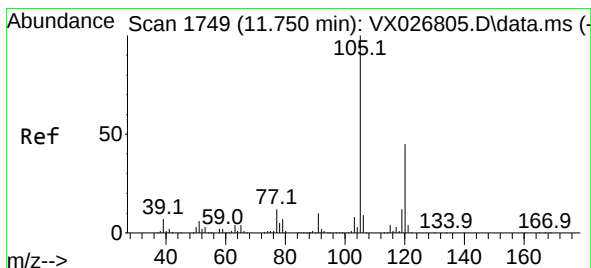
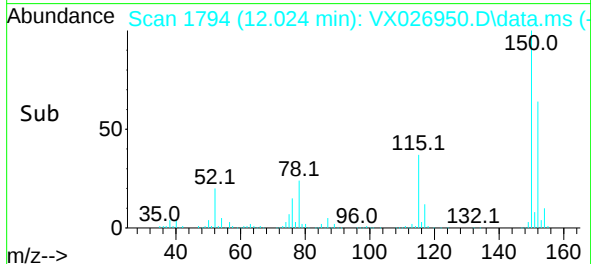
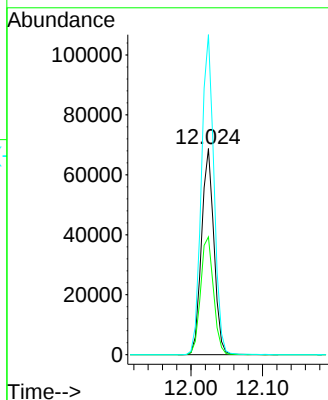
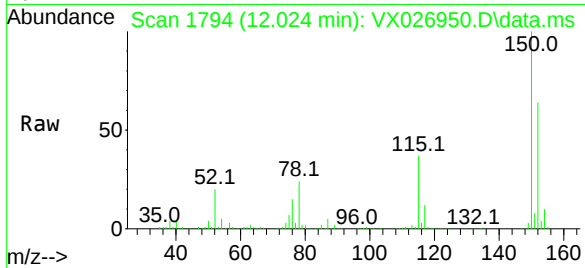




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX026950.D
 Acq: 11 Feb 2022 03:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23D

Tgt Ion:152 Resp: 82920
 Ion Ratio Lower Upper
 152 100
 115 59.6 44.2 132.6
 150 157.2 0.0 348.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.413 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX026950.D
 Acq: 11 Feb 2022 03:54

Tgt Ion:105 Resp: 2242
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.9 65.5

