

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026876.D
 Acq On : 09 Feb 2022 18:06
 Operator : JC/MD
 Sample : N1438-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22-R-D

Quant Time: Feb 10 01:08:43 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)

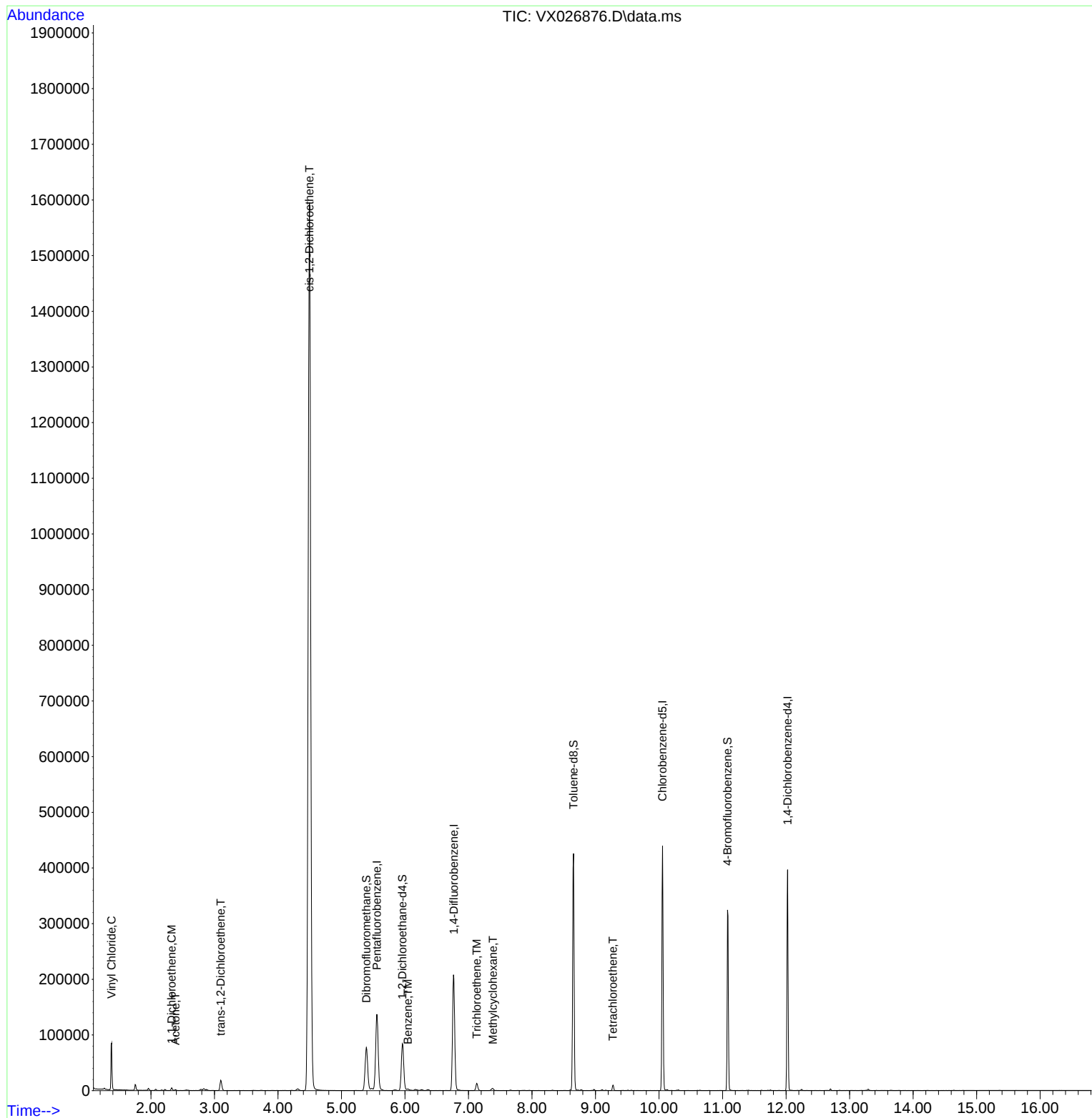
Internal Standards						
1) Pentafluorobenzene	5.556	168	129395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217323	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83192	53.560	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.120%	
35) Dibromofluoromethane	5.391	113	67812	52.374	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.740%	
50) Toluene-d8	8.653	98	251360	52.888	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.780%	
62) 4-Bromofluorobenzene	11.079	95	91140	54.468	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.940%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	52719	38.476	ug/l	98
12) 1,1-Dichloroethene	2.325	96	1629	1.230	ug/l	85
16) Acetone	2.386	43	1977	2.898	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	6628	4.756	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	1008886	630.569	ug/l	88
39) Methylcyclohexane	7.385	83	1607	0.642	ug/l	96
40) Benzene	6.044	78	3219	0.541	ug/l	94
44) Trichloroethene	7.129	130	5070	2.836	ug/l	96
64) Tetrachloroethene	9.275	164	2002	1.025	ug/l	88

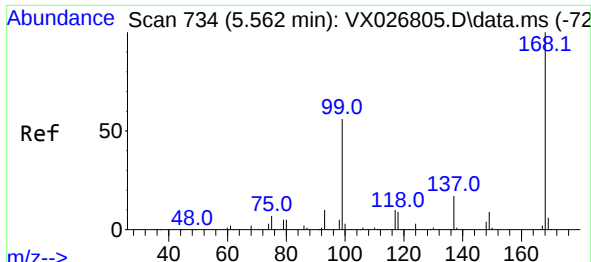
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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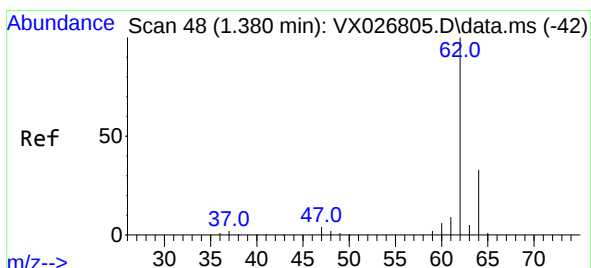
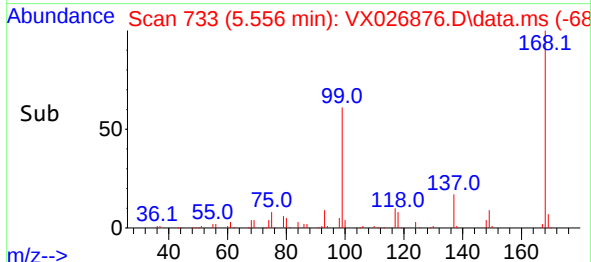
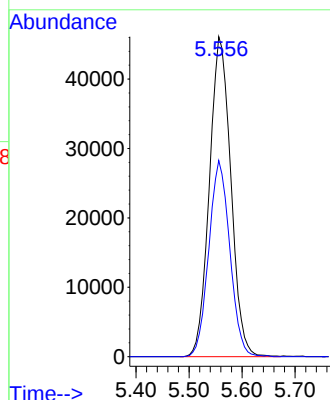
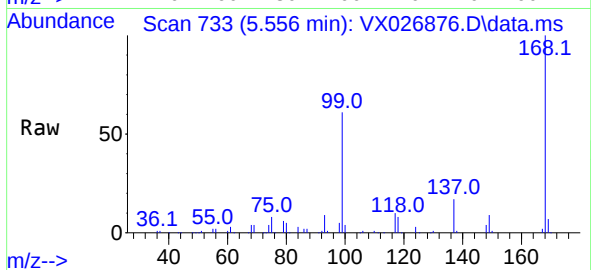




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

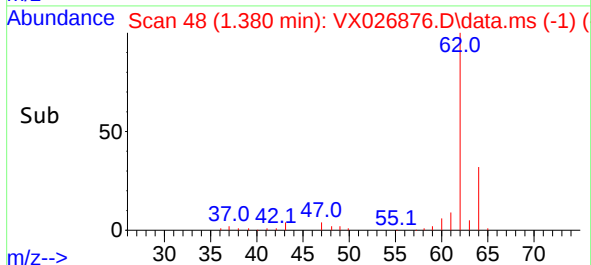
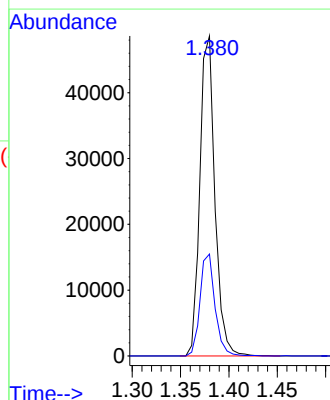
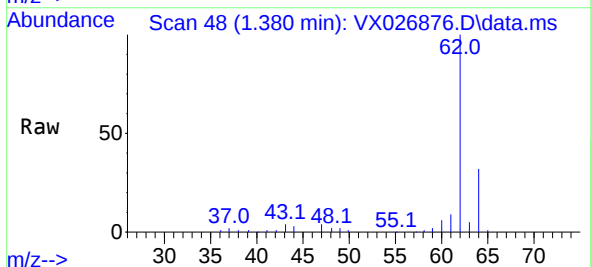
Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-D

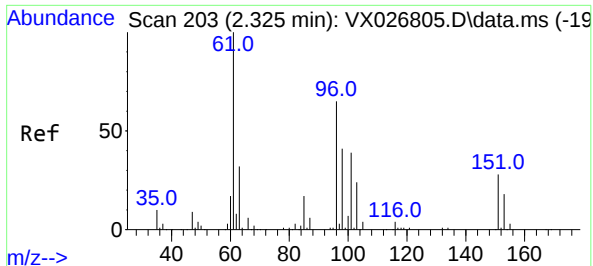
Tgt Ion:168 Resp: 129395
Ion Ratio Lower Upper
168 100
99 61.3 50.3 75.5



#4
Vinyl Chloride
Concen: 38.476 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion: 62 Resp: 52719
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2





#12

1,1-Dichloroethene

Concen: 1.230 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX026876.D

Acq: 09 Feb 2022 18:06

Instrument :

MSVOA_X

ClientSampleId :

MW-22-R-D

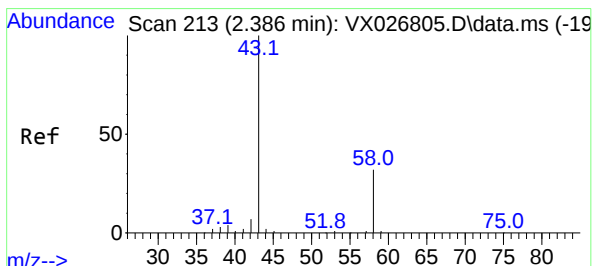
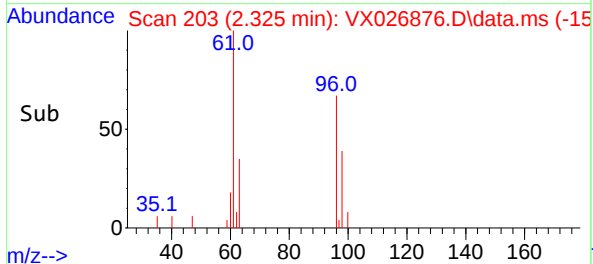
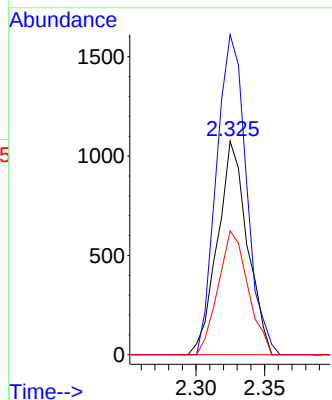
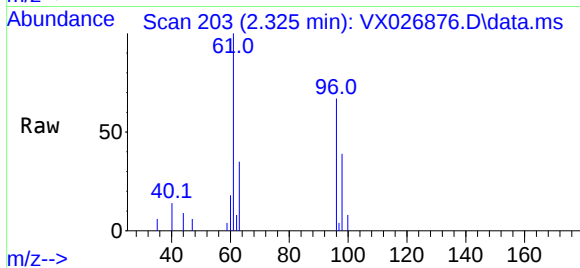
Tgt Ion: 96 Resp: 1629

Ion Ratio Lower Upper

96 100

61 149.9 138.5 207.7

98 58.0 51.8 77.6



#16

Acetone

Concen: 2.898 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026876.D

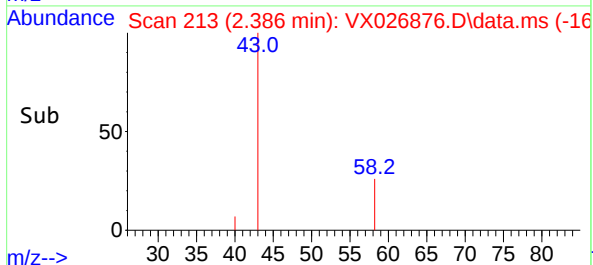
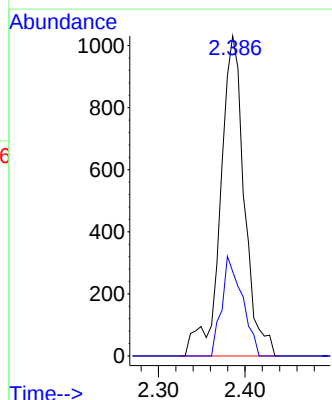
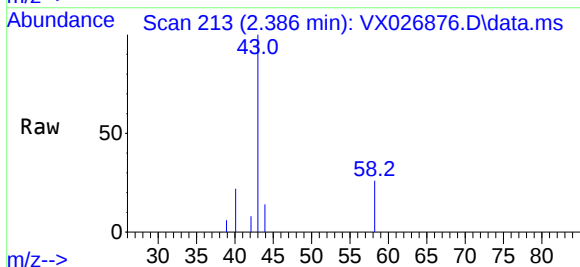
Acq: 09 Feb 2022 18:06

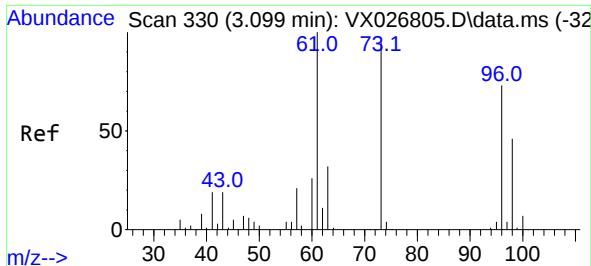
Tgt Ion: 43 Resp: 1977

Ion Ratio Lower Upper

43 100

58 26.4 23.0 34.6

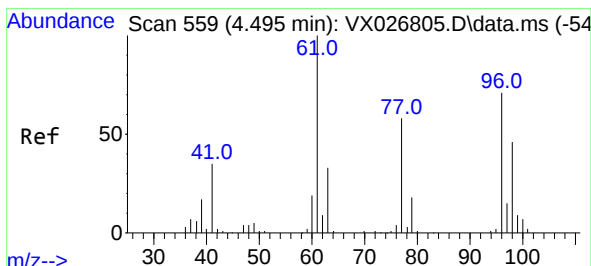
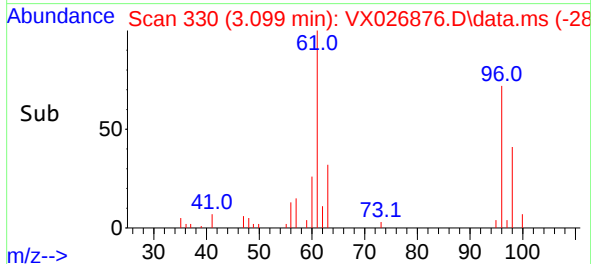
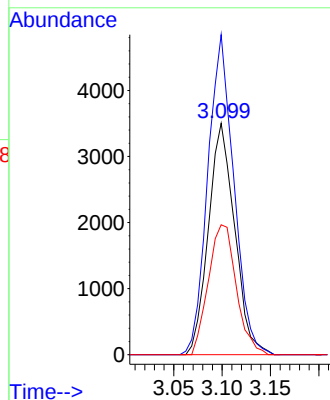
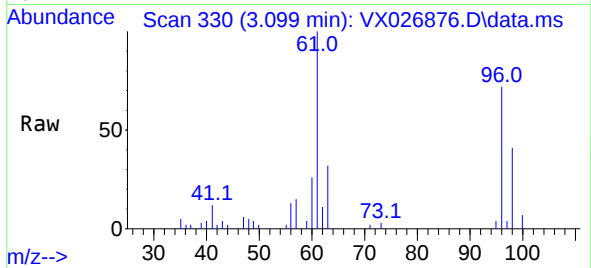




#21
trans-1,2-Dichloroethene
Concen: 4.756 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

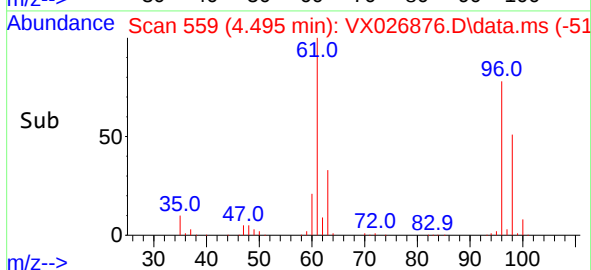
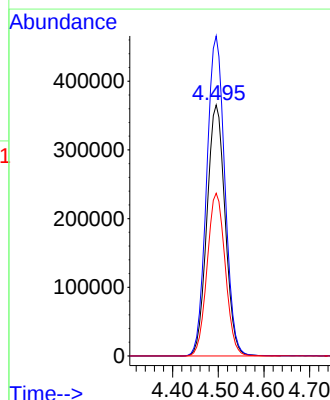
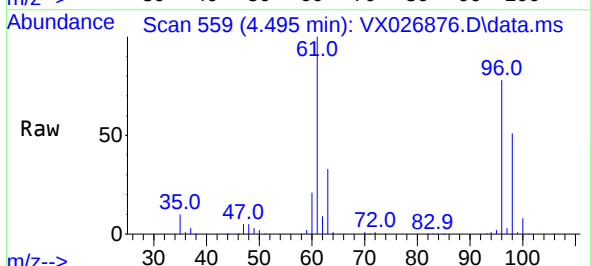
Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-D

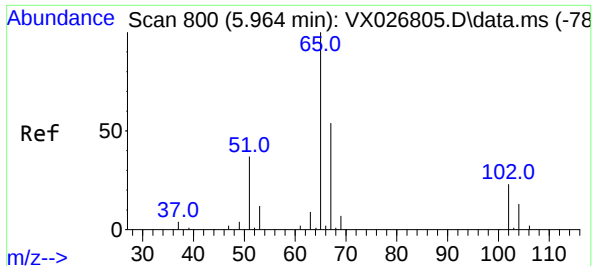
Tgt Ion: 96 Resp: 6628
Ion Ratio Lower Upper
96 100
61 138.3 112.9 169.3
98 56.2 49.5 74.3



#27
cis-1,2-Dichloroethene
Concen: 630.569 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion: 96 Resp: 1008886
Ion Ratio Lower Upper
96 100
61 127.3 0.0 296.6
98 64.6 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 53.560 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026876.D

Acq: 09 Feb 2022 18:06

Instrument :

MSVOA_X

ClientSampleId :

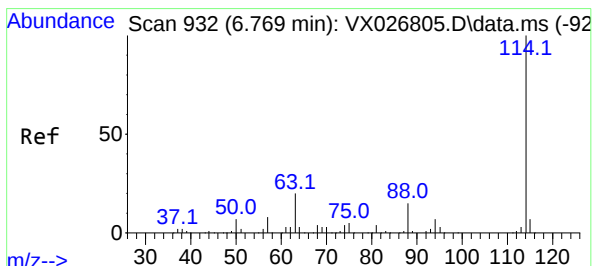
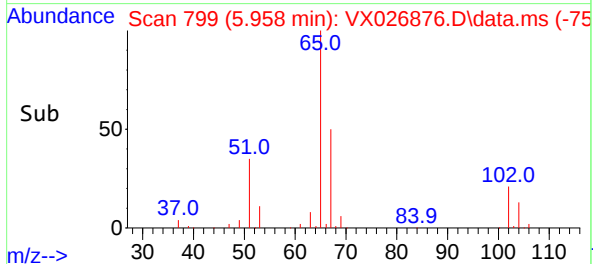
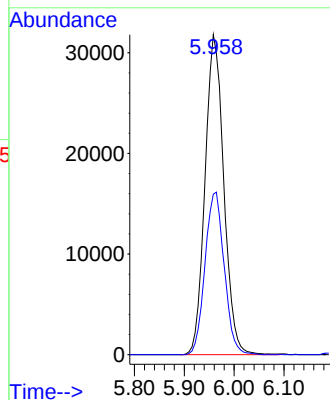
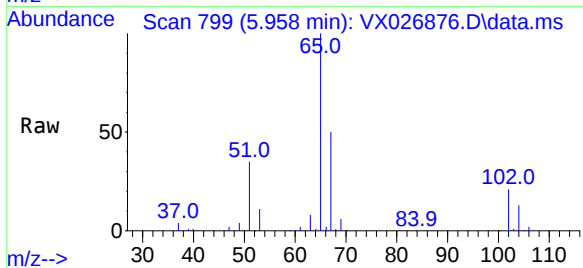
MW-22-R-D

Tgt Ion: 65 Resp: 83192

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX026876.D

Acq: 09 Feb 2022 18:06

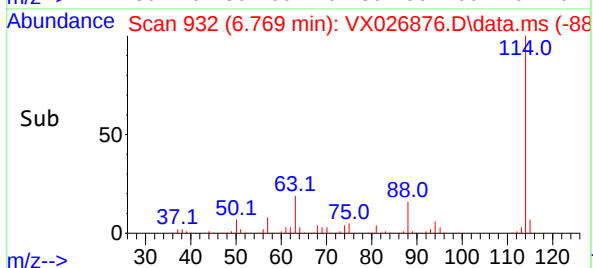
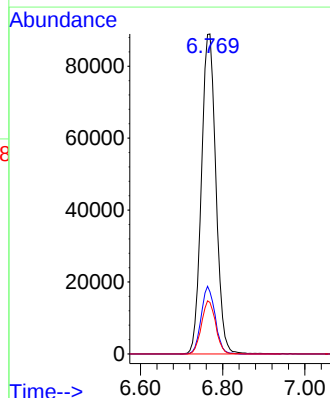
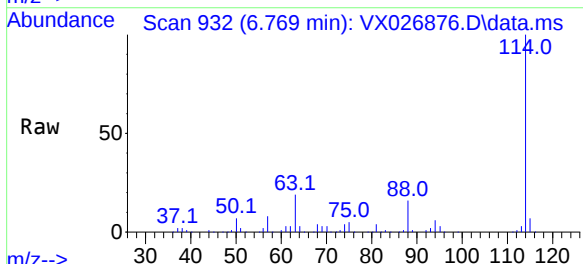
Tgt Ion: 114 Resp: 217323

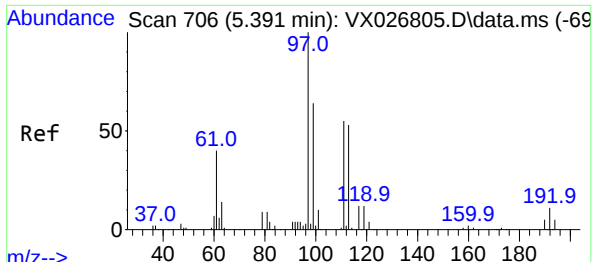
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.8

88 16.1 0.0 33.0

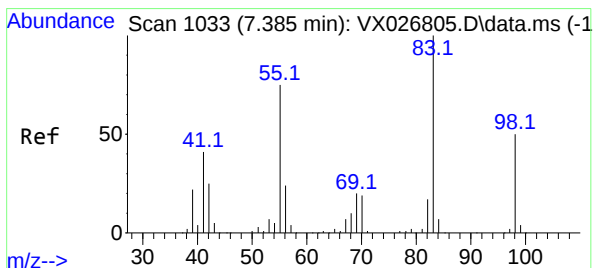
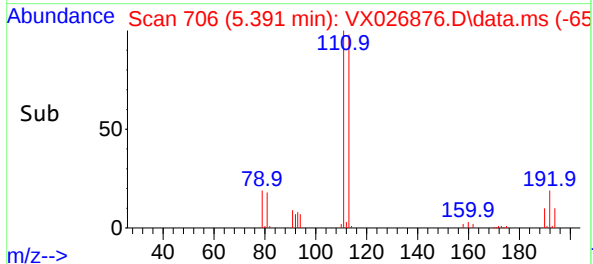
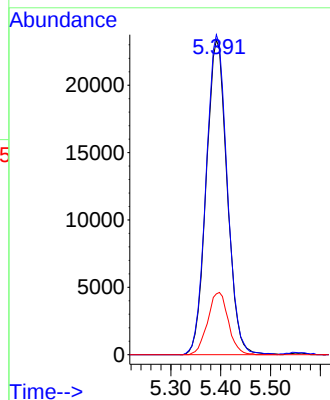
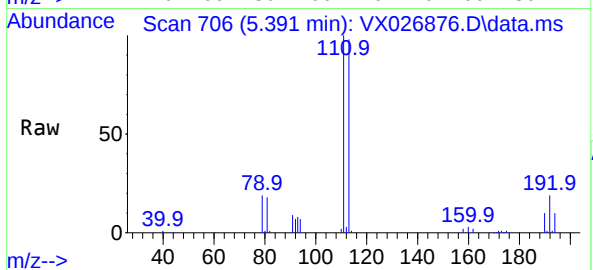




#35
Dibromofluoromethane
Concen: 52.374 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

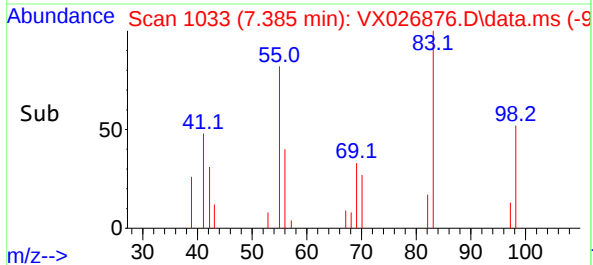
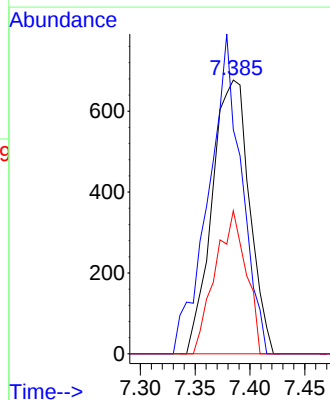
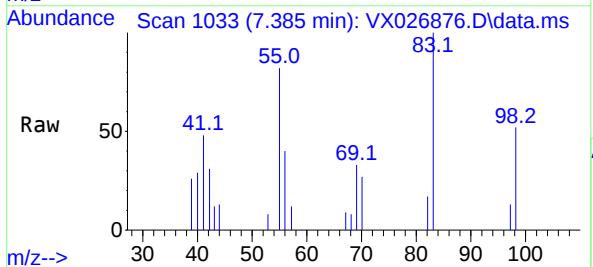
Instrument :
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ClientSampleId :
MW-22-R-D

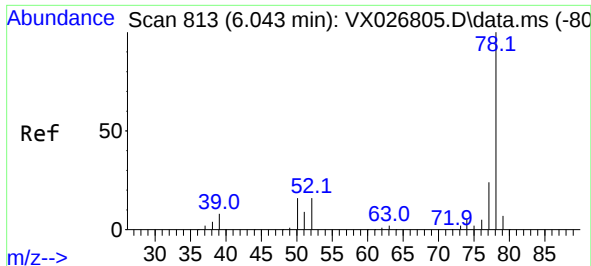
Tgt Ion:113 Resp: 67812
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 19.6 15.0 22.4



#39
Methylcyclohexane
Concen: 0.642 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion: 83 Resp: 1607
Ion Ratio Lower Upper
83 100
55 81.8 63.6 95.4
98 52.3 38.4 57.6





#40

Benzene

Concen: 0.541 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX026876.D

Acq: 09 Feb 2022 18:06

Instrument :

MSVOA_X

ClientSampleId :

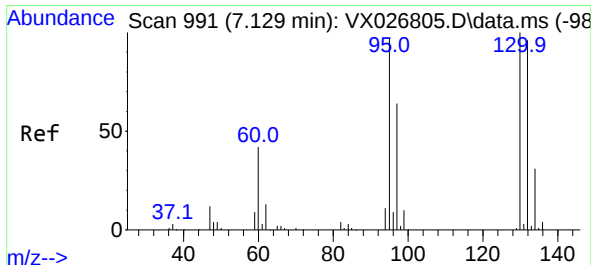
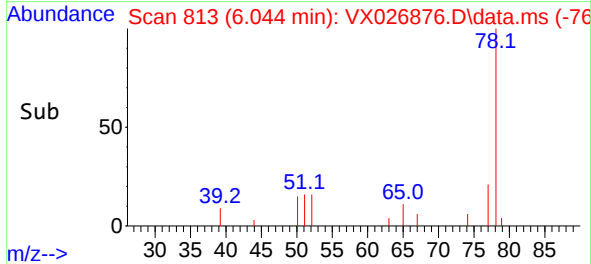
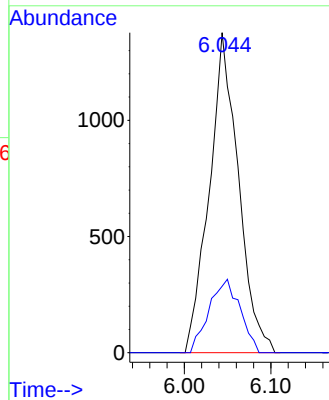
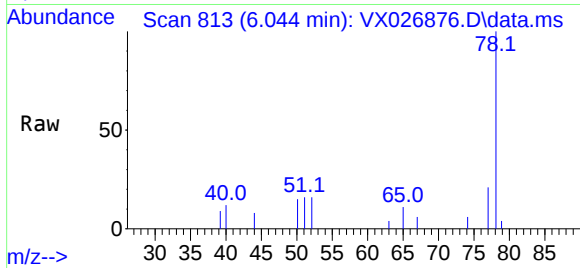
MW-22-R-D

Tgt Ion: 78 Resp: 3219

Ion Ratio Lower Upper

78 100

77 20.8 18.9 28.3



#44

Trichloroethene

Concen: 2.836 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX026876.D

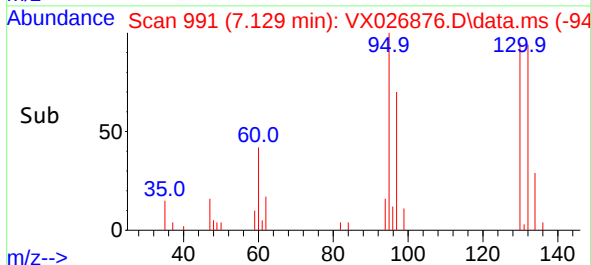
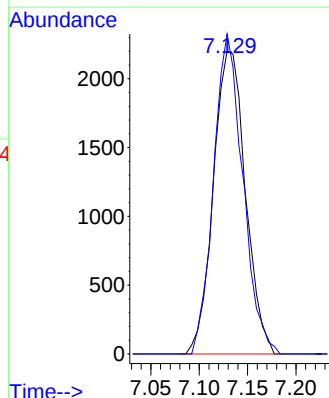
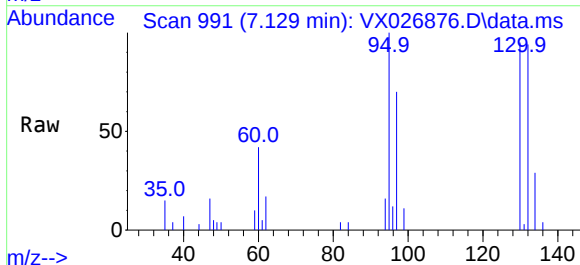
Acq: 09 Feb 2022 18:06

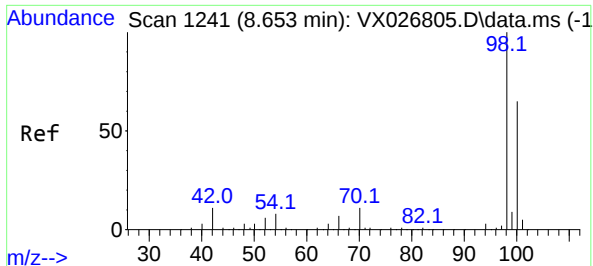
Tgt Ion:130 Resp: 5070

Ion Ratio Lower Upper

130 100

95 105.6 0.0 202.6





#50

Toluene-d8

Concen: 52.888 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026876.D

Acq: 09 Feb 2022 18:06

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ClientSampleId :

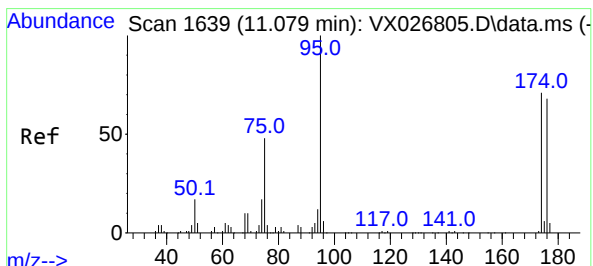
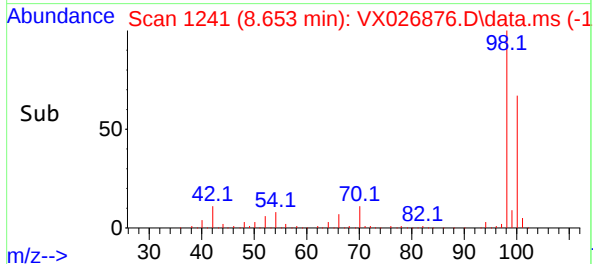
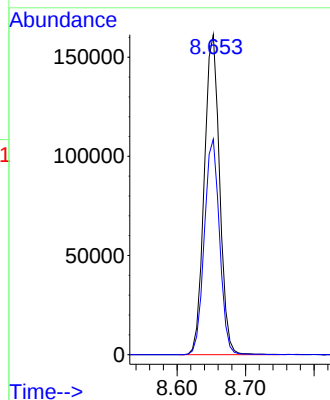
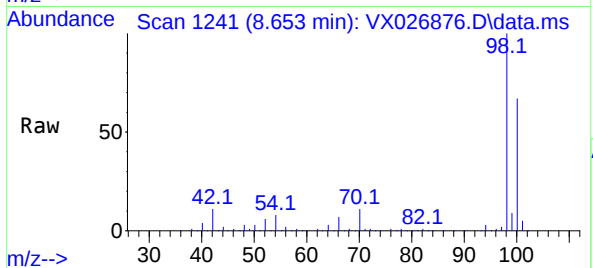
MW-22-R-D

Tgt Ion: 98 Resp: 251360

Ion Ratio Lower Upper

98 100

100 66.9 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 54.468 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026876.D

Acq: 09 Feb 2022 18:06

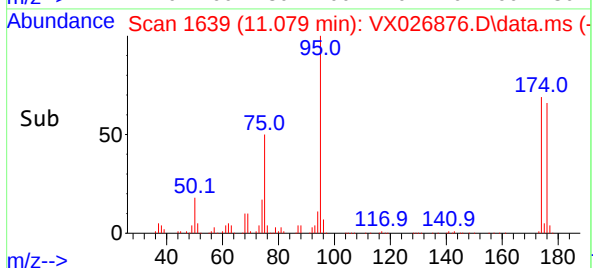
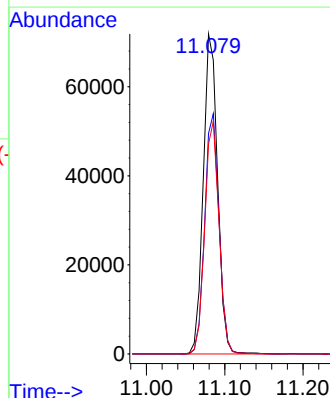
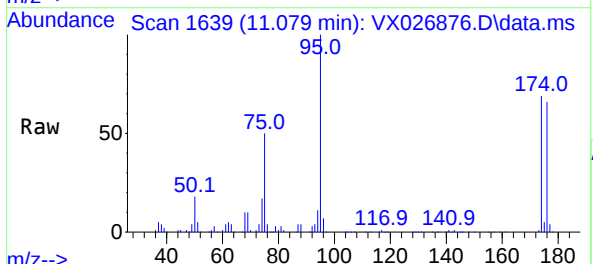
Tgt Ion: 95 Resp: 91140

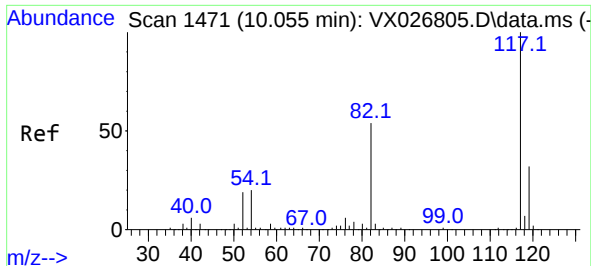
Ion Ratio Lower Upper

95 100

174 75.1 0.0 148.6

176 72.6 0.0 141.4

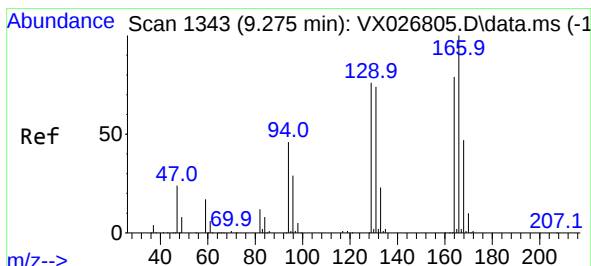
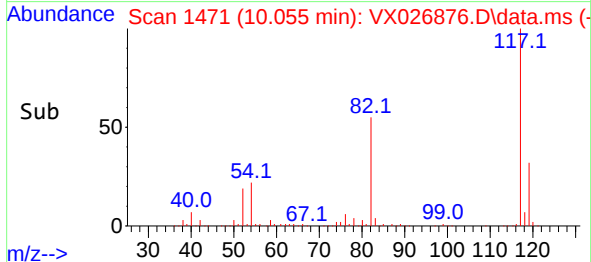
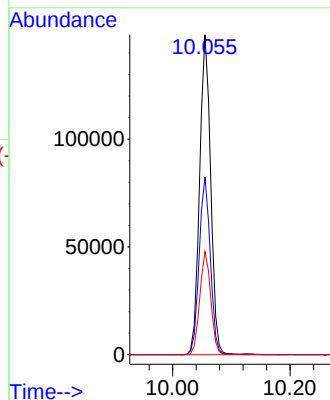
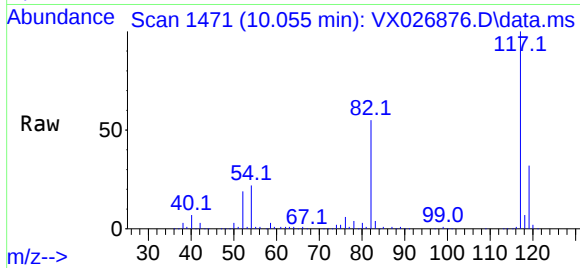




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

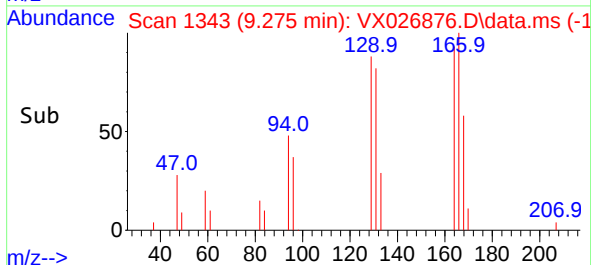
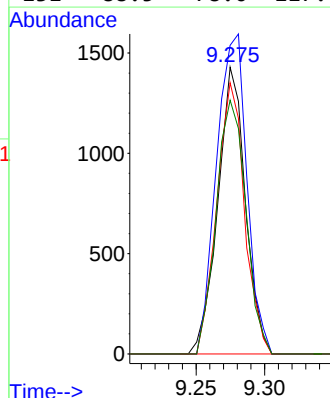
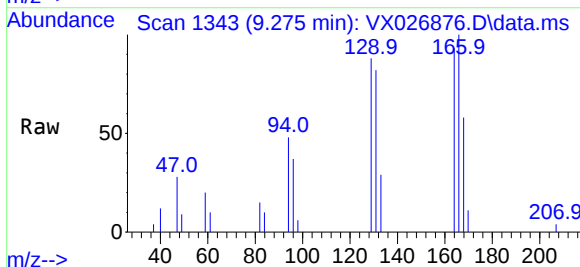
Instrument :
MSVOA_X
ClientSampleId :
MW-22-R-D

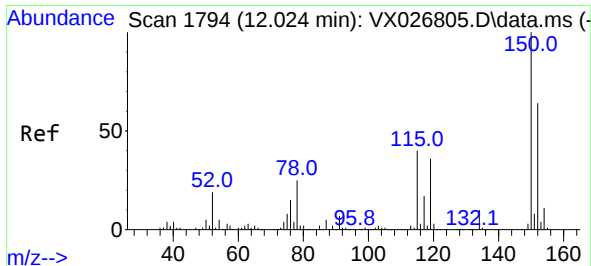
Tgt Ion:117 Resp: 194431
Ion Ratio Lower Upper
117 100
82 55.5 45.2 67.8
119 32.3 26.2 39.2



#64
Tetrachloroethene
Concen: 1.025 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX026876.D
Acq: 09 Feb 2022 18:06

Tgt Ion:164 Resp: 2002
Ion Ratio Lower Upper
164 100
166 107.6 101.8 152.6
129 94.6 83.3 124.9
131 88.5 78.0 117.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026876.D

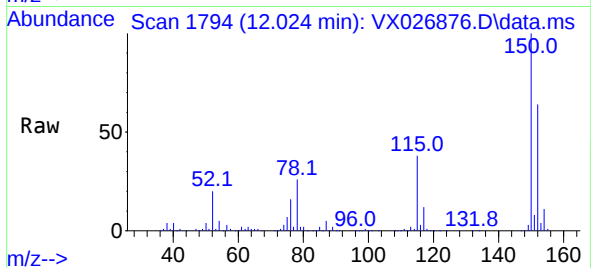
Acq: 09 Feb 2022 18:06

Instrument :

MSVOA_X

ClientSampleId :

MW-22-R-D



Tgt Ion:152 Resp: 81940

Ion Ratio Lower Upper

152 100

115 60.6 44.2 132.6

150 157.5 0.0 348.2

