

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024270.D
 Acq On : 15 Sep 2021 18:59
 Operator : JC/MD
 Sample : M3753-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Sep 23 09:00:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	129226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	223952	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83294	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95678	51.922	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.840%
35) Dibromofluoromethane	5.397	113	73709	49.077	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.160%
50) Toluene-d8	8.653	98	273517	49.990	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.980%
62) 4-Bromofluorobenzene	11.085	95	83780	39.346	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	78.700%#

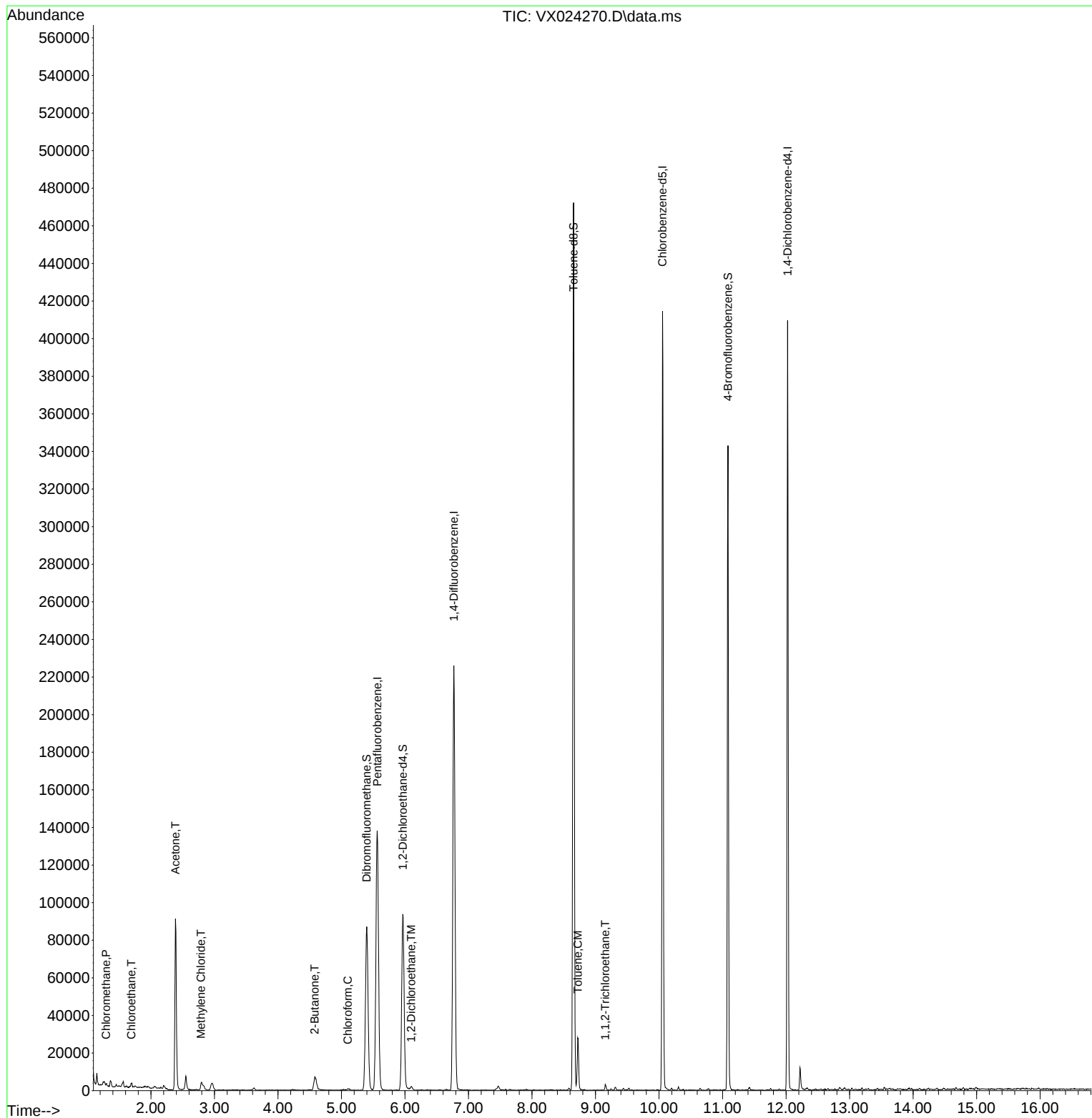
Target Compounds						Qvalue
3) Chloromethane	1.294	50	913	0.704	ug/l	91
6) Chloroethane	1.691	64	2318	2.718	ug/l	98
16) Acetone	2.386	43	95019	120.932	ug/l	92
20) Methylene Chloride	2.788	84	1920	1.273	ug/l #	77
25) 2-Butanone	4.574	43	6194	5.352	ug/l	94
30) Chloroform	5.099	83	935	0.352	ug/l #	75
42) 1,2-Dichloroethane	6.098	62	2141	0.869	ug/l	86
52) Toluene	8.720	92	9910	2.560	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	934	0.567	ug/l #	85

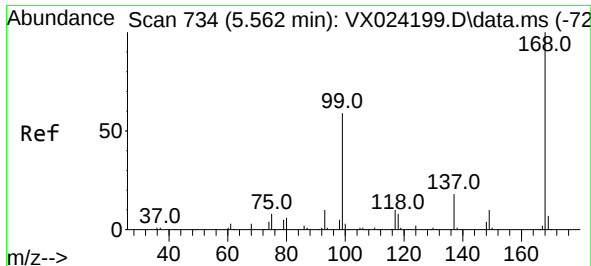
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
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QLast Update : Tue Sep 21 10:52:48 2021
Response via : Initial Calibration

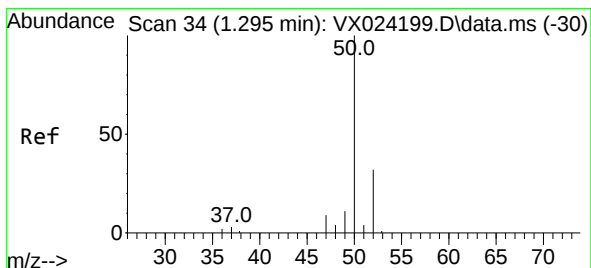
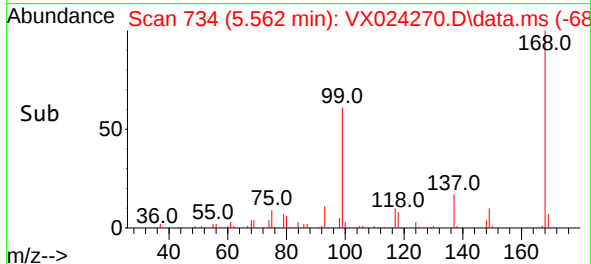
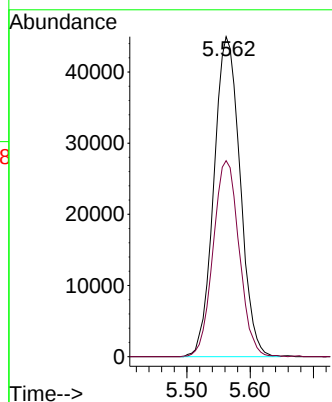
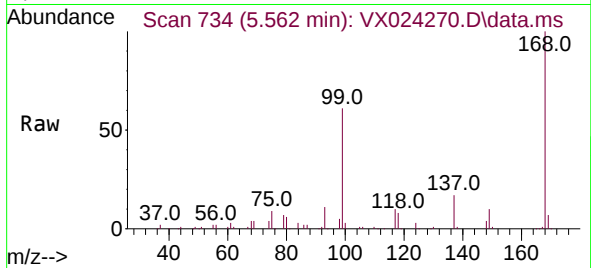




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024270.D
Acq: 15 Sep 2021 18:59

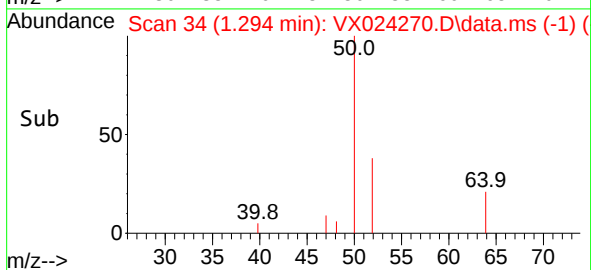
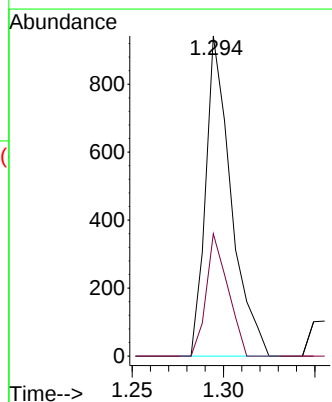
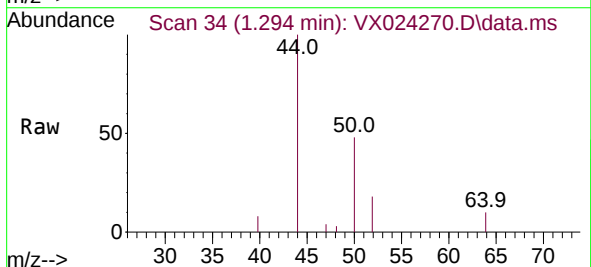
Instrument :
MSVOA_X
ClientSampled :
MW-1

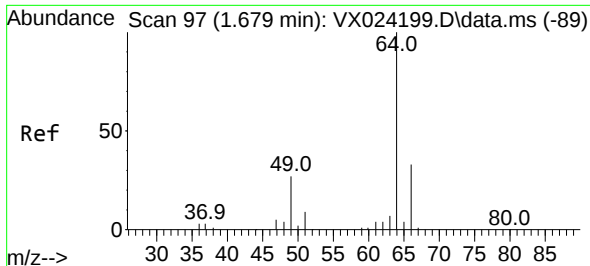
Tgt Ion:168 Resp: 129226
Ion Ratio Lower Upper
168 100
99 61.2 45.8 68.6



#3
Chloromethane
Concen: 0.704 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX024270.D
Acq: 15 Sep 2021 18:59

Tgt Ion: 50 Resp: 913
Ion Ratio Lower Upper
50 100
52 38.2 26.4 39.6

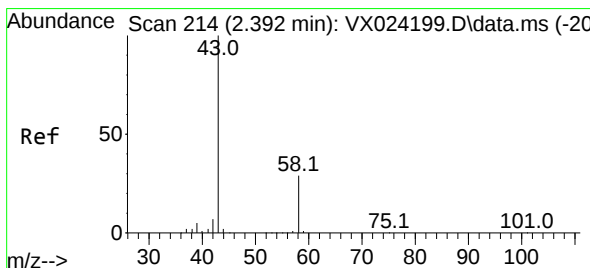
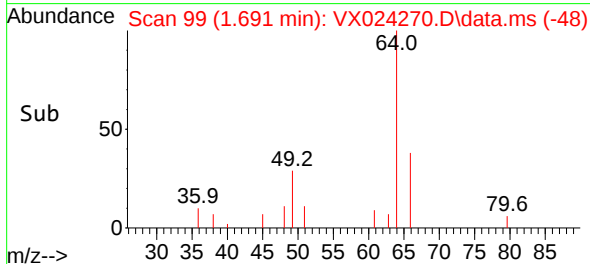
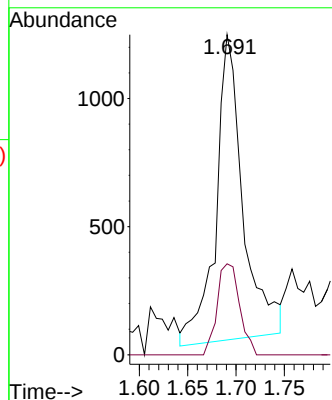
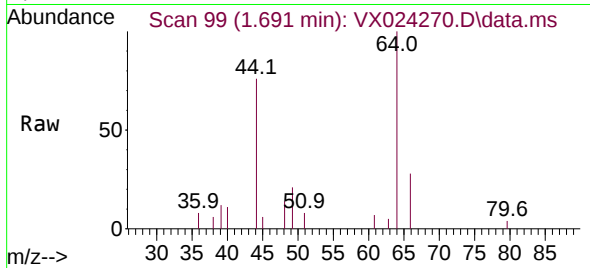




#6
Chloroethane
Concen: 2.718 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024270.D
Acq: 15 Sep 2021 18:59

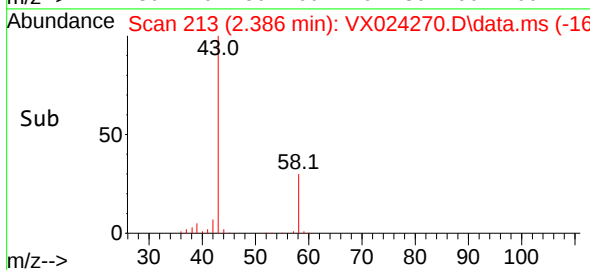
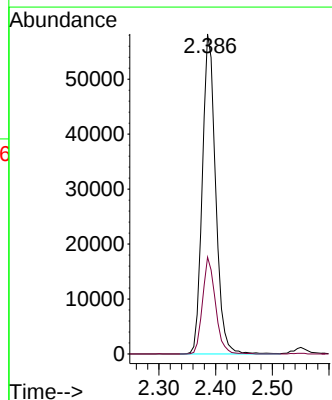
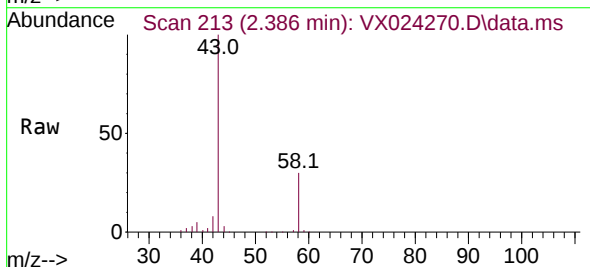
Instrument :
MSVOA_X
ClientSampleId :
MW-1

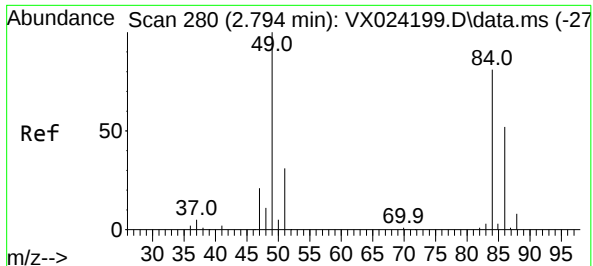
Tgt Ion: 64 Resp: 2318
Ion Ratio Lower Upper
64 100
66 30.5 25.4 38.0



#16
Acetone
Concen: 120.932 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024270.D
Acq: 15 Sep 2021 18:59

Tgt Ion: 43 Resp: 95019
Ion Ratio Lower Upper
43 100
58 30.3 27.8 41.8





#20

Methylene Chloride

Concen: 1.273 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX024270.D

Acq: 15 Sep 2021 18:59

Tgt Ion: 84 Resp: 1920

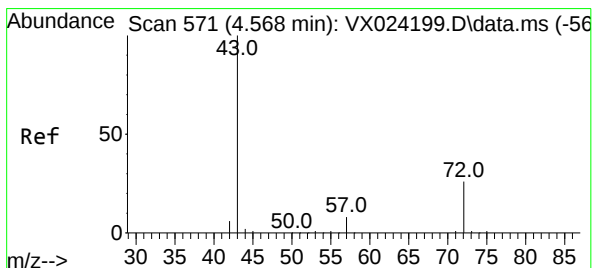
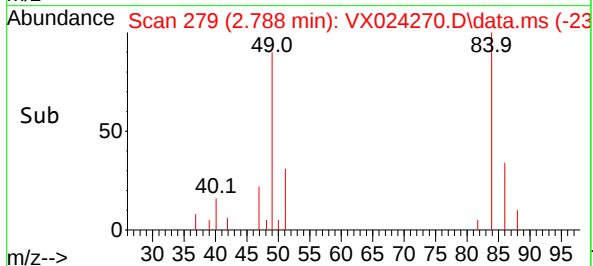
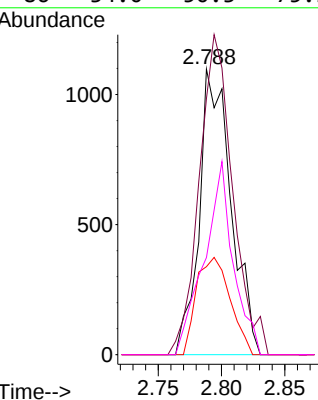
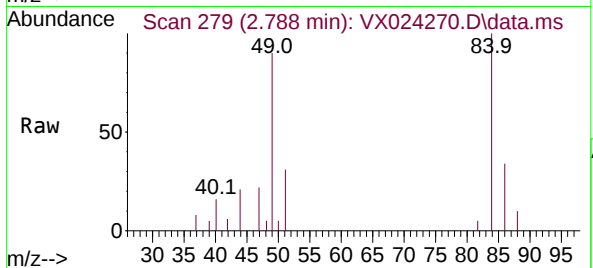
Ion Ratio Lower Upper

84 100

49 89.6 88.6 132.8

51 30.8 27.0 40.6

86 34.0 50.3 75.5#



#25

2-Butanone

Concen: 5.352 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX024270.D

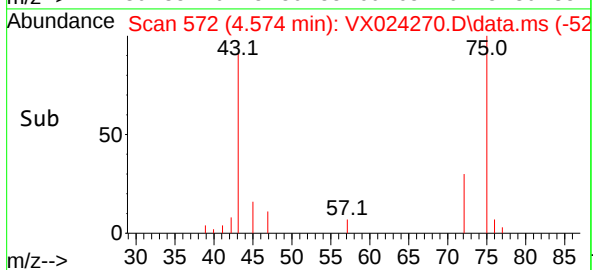
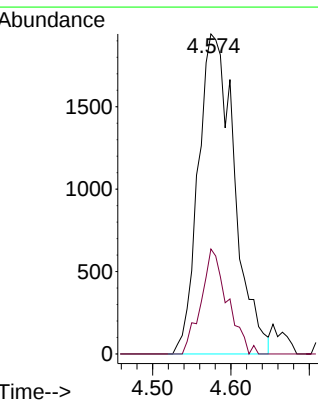
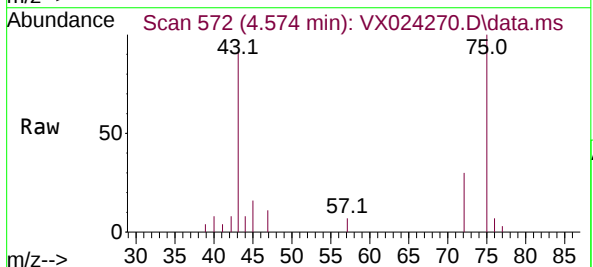
Acq: 15 Sep 2021 18:59

Tgt Ion: 43 Resp: 6194

Ion Ratio Lower Upper

43 100

72 32.8 23.7 35.5

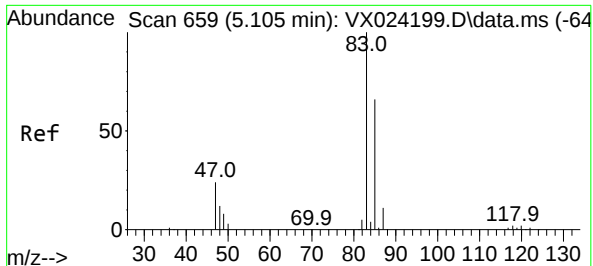


Instrument :

MSVOA_X

ClientSampleId :

MW-1



#30

Chloroform

Concen: 0.352 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX024270.D

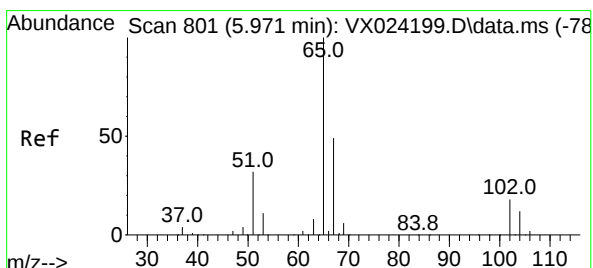
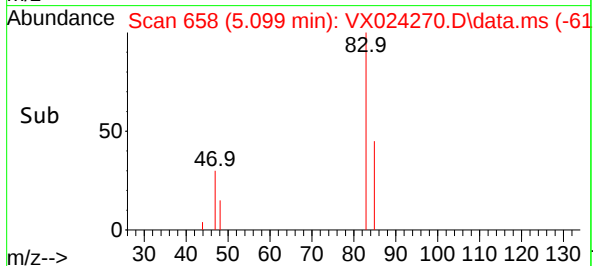
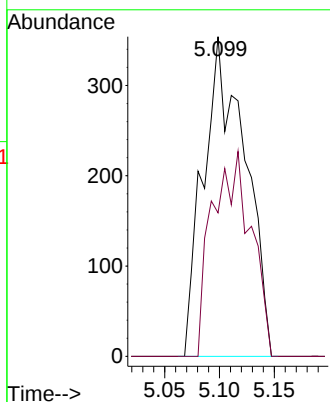
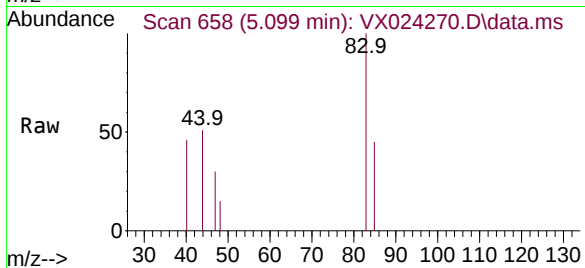
Acq: 15 Sep 2021 18:59

Tgt Ion: 83 Resp: 935

Ion Ratio Lower Upper

83 100

85 44.9 52.0 78.0#



#33

1,2-Dichloroethane-d4

Concen: 51.922 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX024270.D

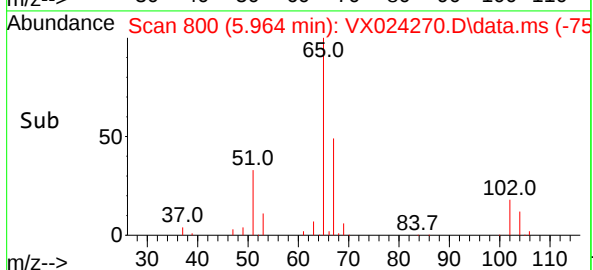
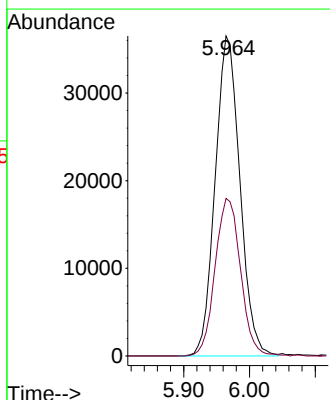
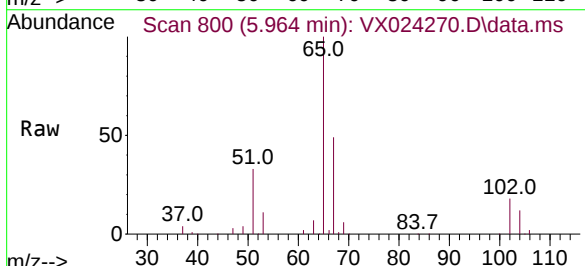
Acq: 15 Sep 2021 18:59

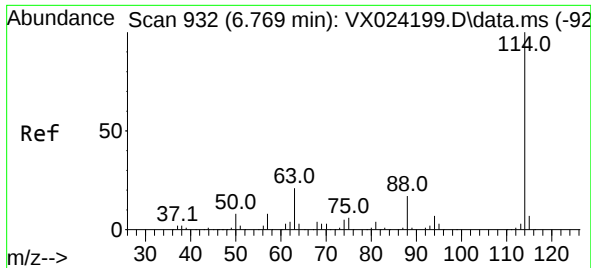
Tgt Ion: 65 Resp: 95678

Ion Ratio Lower Upper

65 100

67 50.5 0.0 105.4

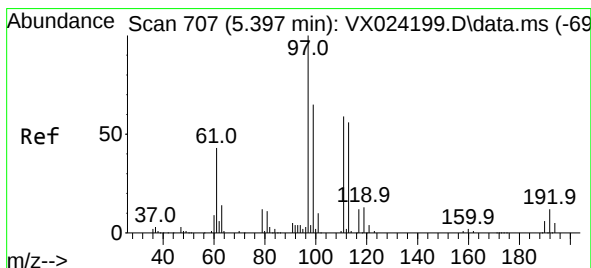
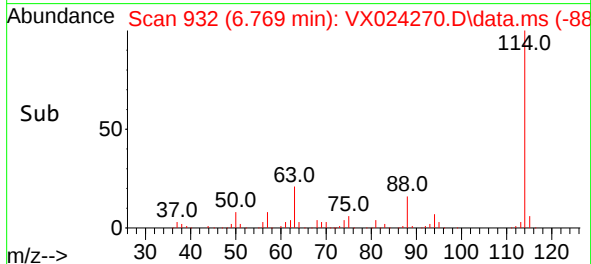
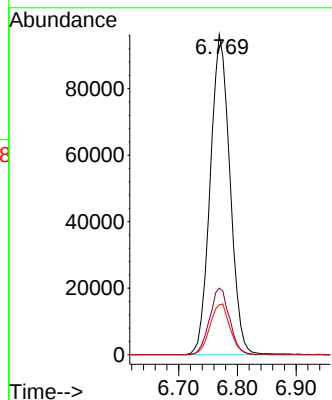
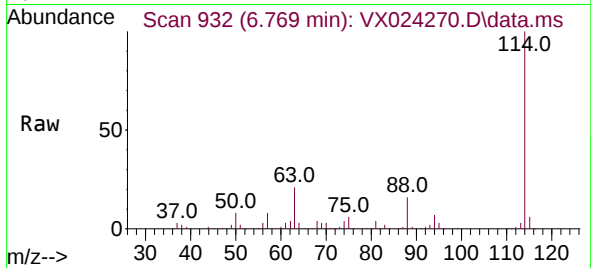




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024270.D
Acq: 15 Sep 2021 18:59

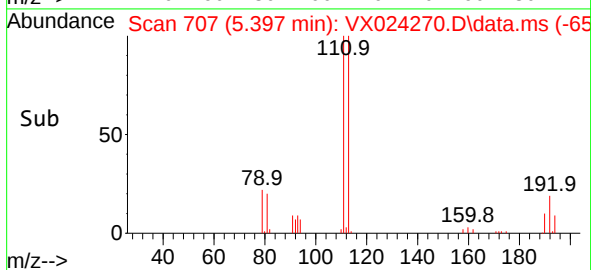
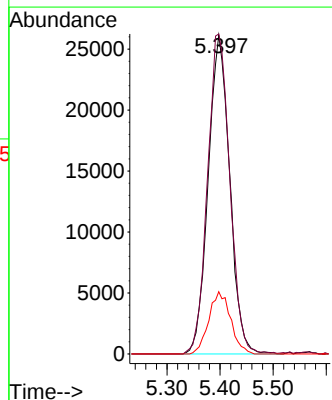
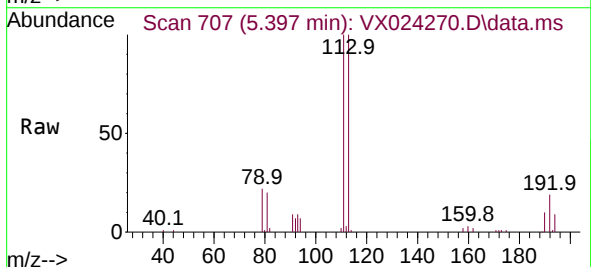
Instrument :
MSVOA_X
ClientSampled :
MW-1

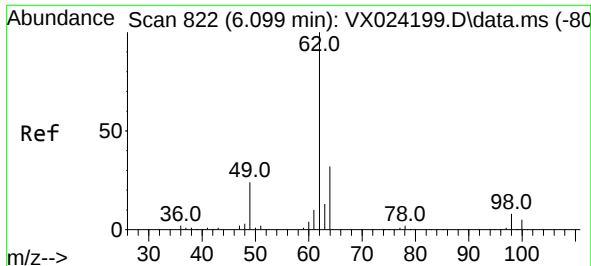
Tgt Ion:114 Resp: 223952
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.077 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024270.D
Acq: 15 Sep 2021 18:59

Tgt Ion:113 Resp: 73709
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 19.8 16.7 25.1





#42

1,2-Dichloroethane

Concen: 0.869 ug/l

RT: 6.098 min Scan# 822

Delta R.T. -0.001 min

Lab File: VX024270.D

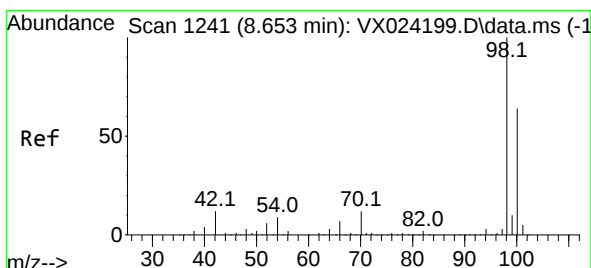
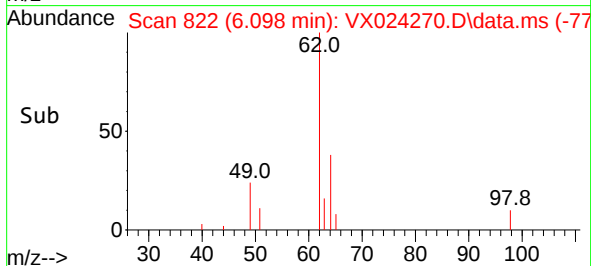
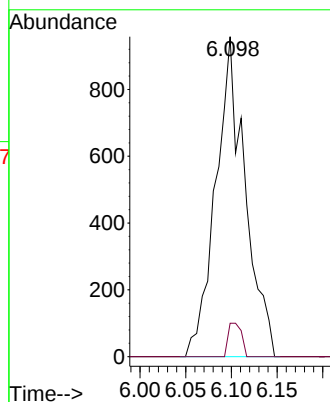
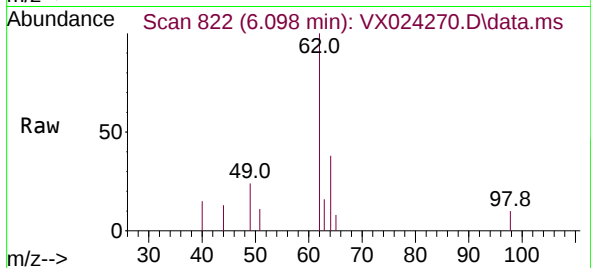
Acq: 15 Sep 2021 18:59

Tgt Ion: 62 Resp: 2141

Ion Ratio Lower Upper

62 100

98 4.8 0.0 20.2



#50

Toluene-d8

Concen: 49.990 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024270.D

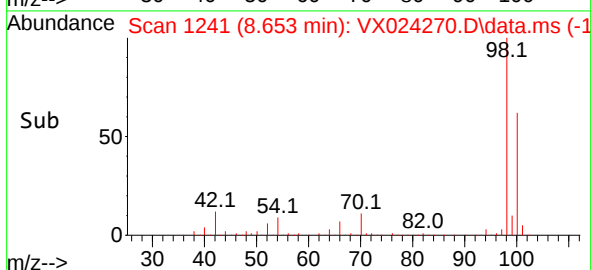
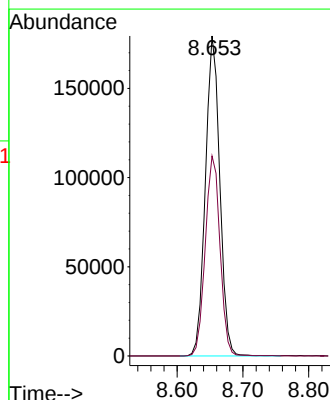
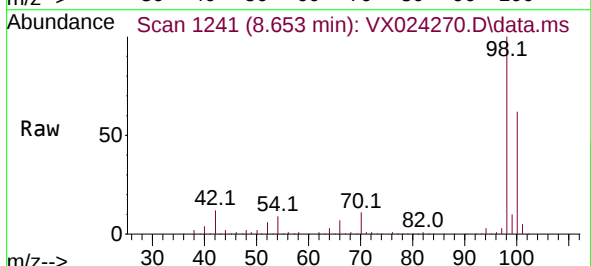
Acq: 15 Sep 2021 18:59

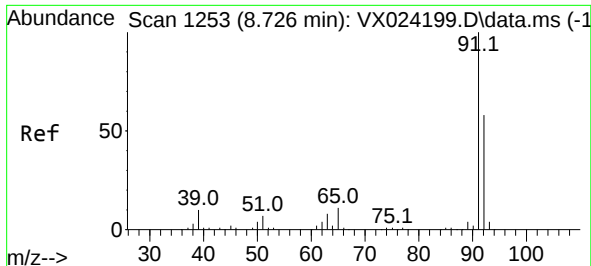
Tgt Ion: 98 Resp: 273517

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9

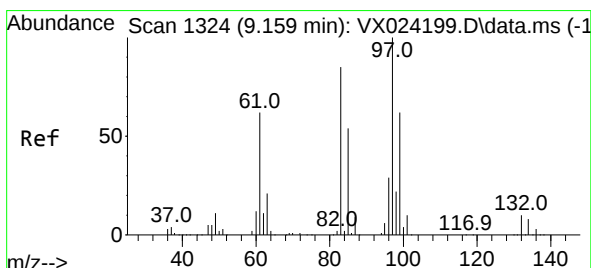
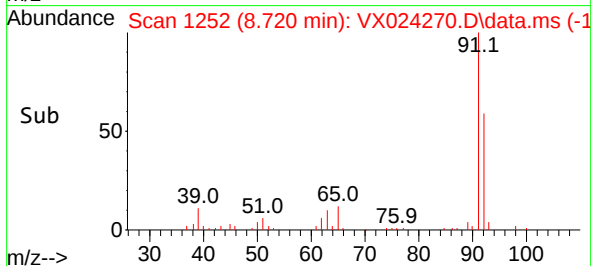
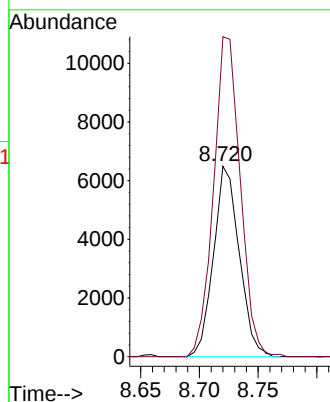
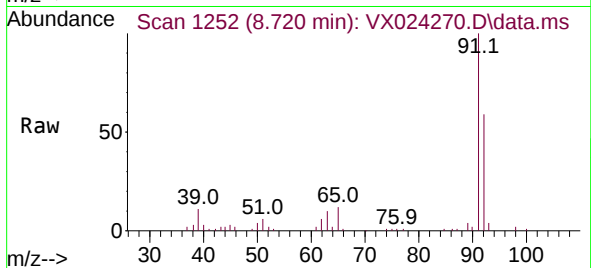




#52
Toluene
Concen: 2.560 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX024270.D
Acq: 15 Sep 2021 18:59

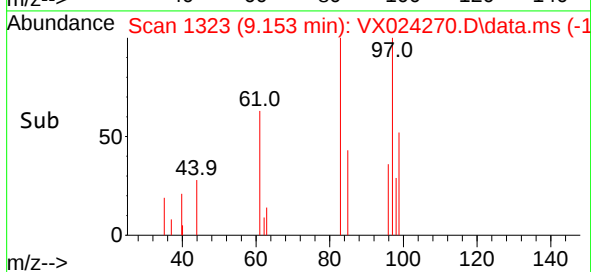
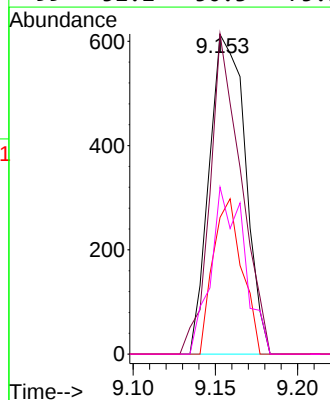
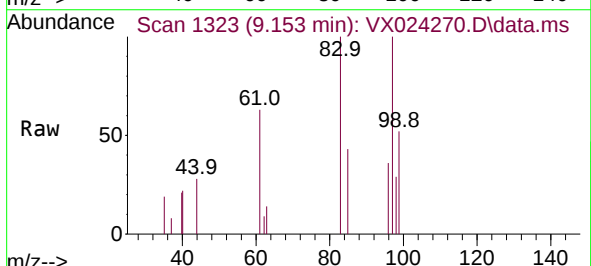
Instrument :
MSVOA_X
ClientSampled :
MW-1

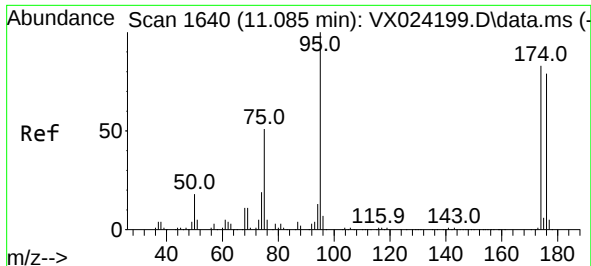
Tgt Ion: 92 Resp: 9910
Ion Ratio Lower Upper
92 100
91 174.4 137.1 205.7



#55
1,1,2-Trichloroethane
Concen: 0.567 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX024270.D
Acq: 15 Sep 2021 18:59

Tgt Ion: 97 Resp: 934
Ion Ratio Lower Upper
97 100
83 100.2 69.3 103.9
85 42.7 44.3 66.5#
99 52.2 50.3 75.5

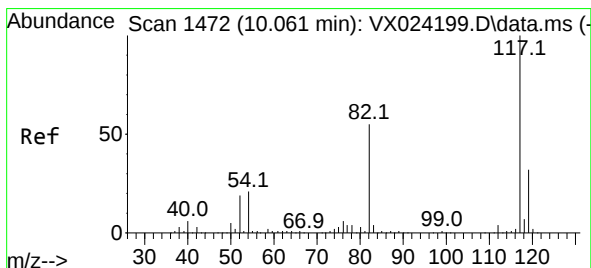
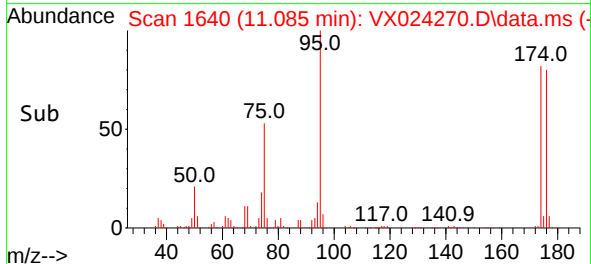
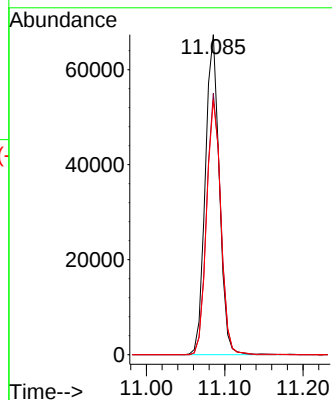
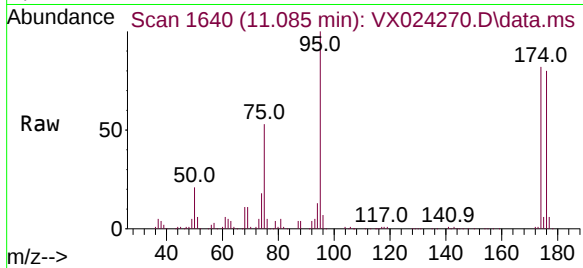




#62
4-Bromofluorobenzene
Concen: 39.346 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024270.D
Acq: 15 Sep 2021 18:59

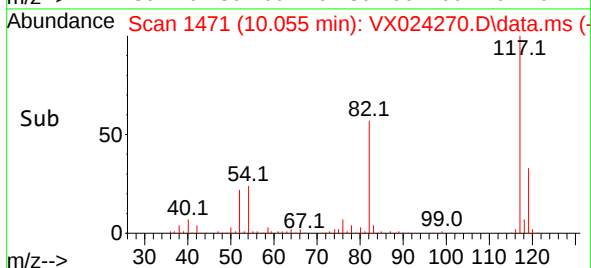
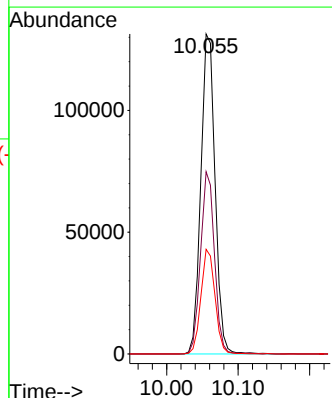
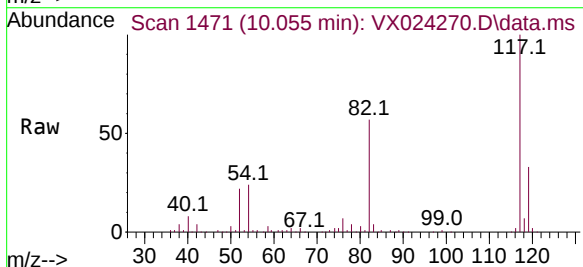
Instrument :
MSVOA_X
ClientSampleId :
MW-1

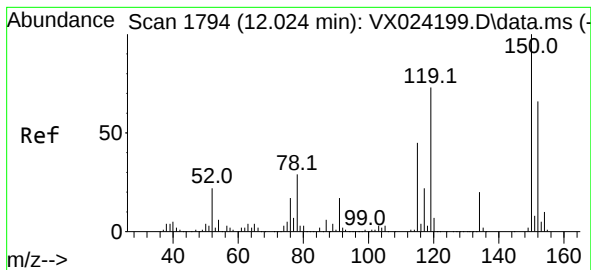
Tgt Ion: 95 Resp: 83780
Ion Ratio Lower Upper
95 100
174 81.7 0.0 154.6
176 80.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024270.D
Acq: 15 Sep 2021 18:59

Tgt Ion: 117 Resp: 181761
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 32.7 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024270.D
 Acq: 15 Sep 2021 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Tgt Ion:152 Resp: 83294
 Ion Ratio Lower Upper
 152 100
 115 60.1 41.1 123.3
 150 154.8 0.0 349.0

