

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039215.D
 Acq On : 14 Dec 2023 17:51
 Operator : JC/MD
 Sample : 05829-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16D

Quant Time: Dec 15 03:04:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

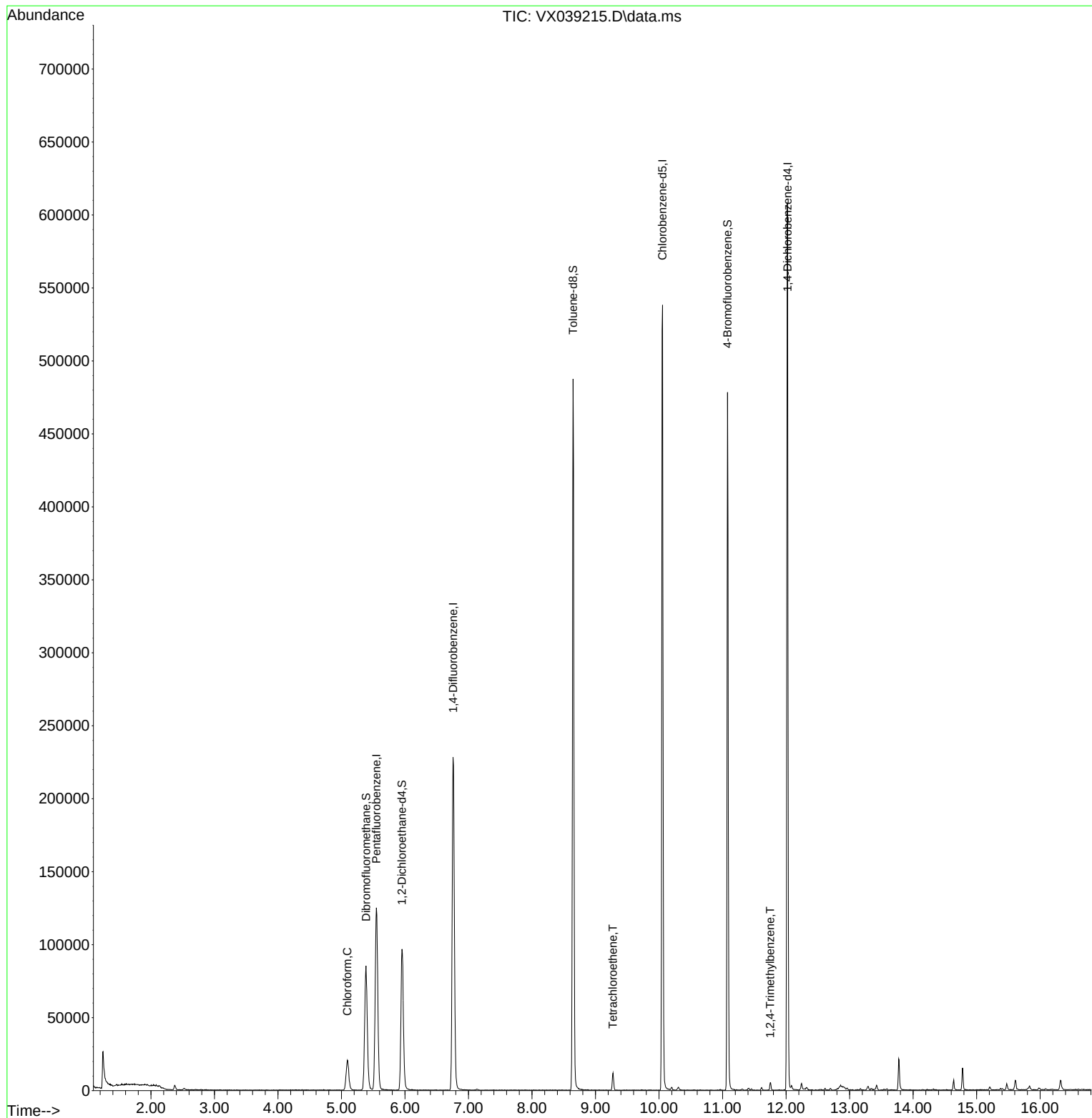
Internal Standards						
1) Pentafluorobenzene	5.549	168	106362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223015	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96968	49.766	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.540%
35) Dibromofluoromethane	5.385	113	74145	48.124	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.240%
50) Toluene-d8	8.646	98	282696	49.423	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.840%
62) 4-Bromofluorobenzene	11.079	95	129668	54.944	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.880%
Target Compounds						
					Qvalue	
30) Chloroform	5.092	83	23872	8.378	ug/l	95
64) Tetrachloroethene	9.274	164	2083	1.387	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	2811	0.358	ug/l	97

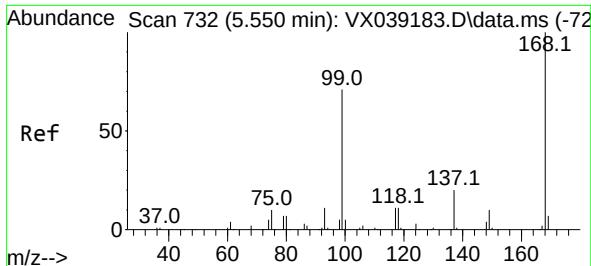
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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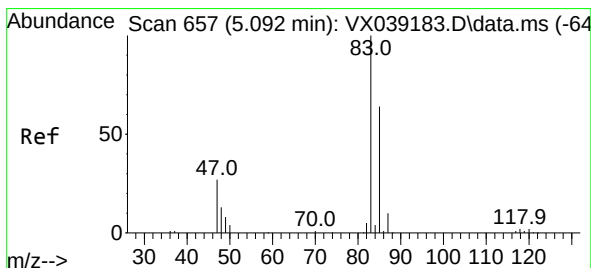
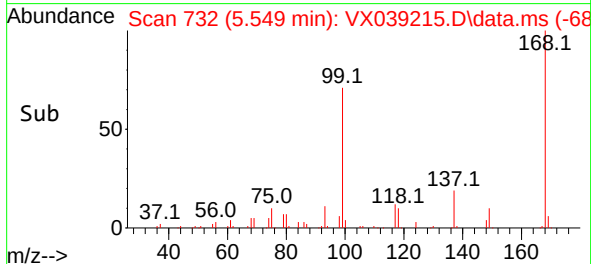
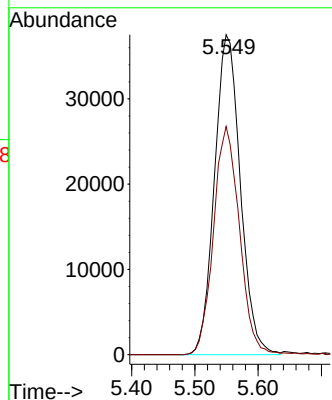
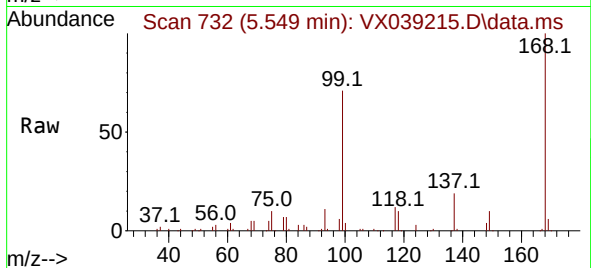




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

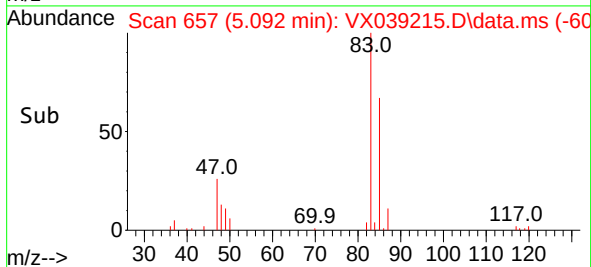
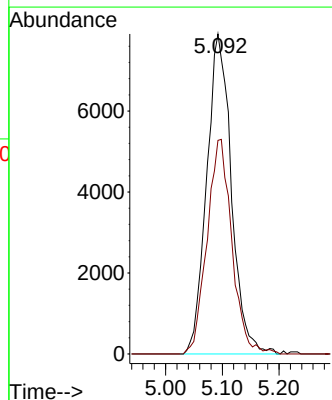
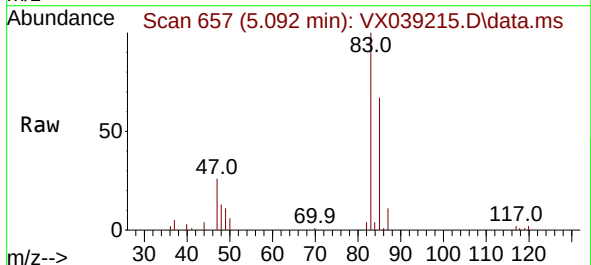
Instrument :
MSVOA_X
ClientSampleId :
MW-16D

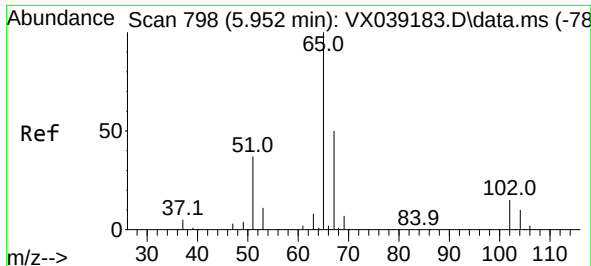
Tgt Ion:168 Resp: 106362
Ion Ratio Lower Upper
168 100
99 71.3 56.6 85.0



#30
Chloroform
Concen: 8.378 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

Tgt Ion: 83 Resp: 23872
Ion Ratio Lower Upper
83 100
85 66.8 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 49.766 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039215.D

Acq: 14 Dec 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

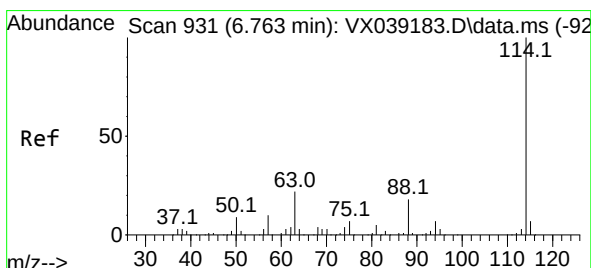
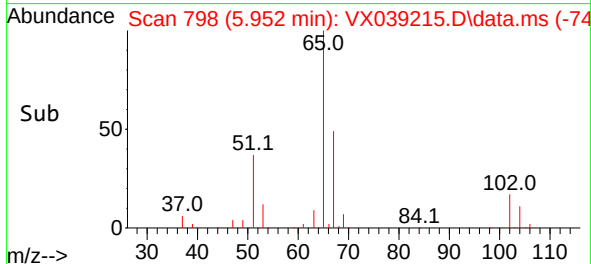
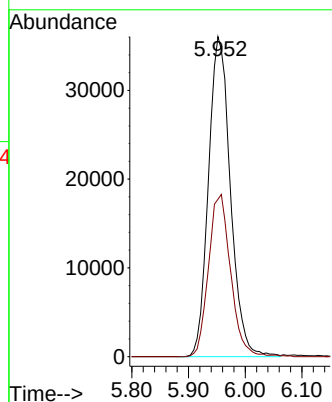
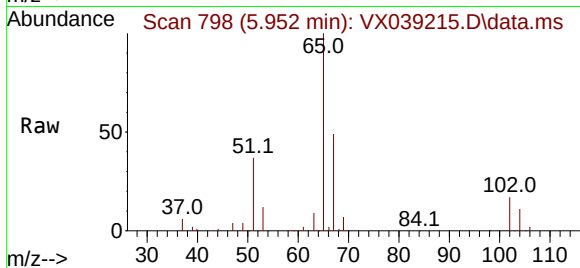
MW-16D

Tgt Ion: 65 Resp: 96968

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039215.D

Acq: 14 Dec 2023 17:51

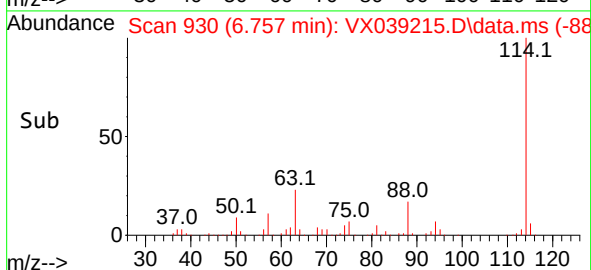
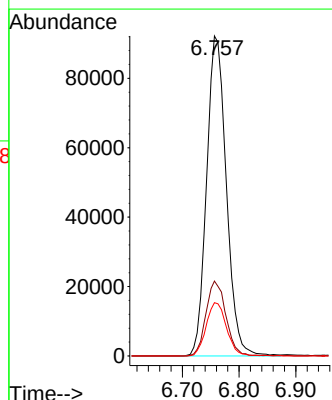
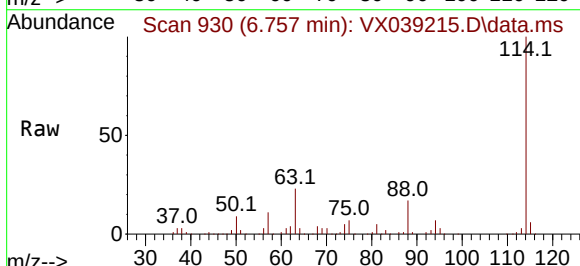
Tgt Ion: 114 Resp: 223015

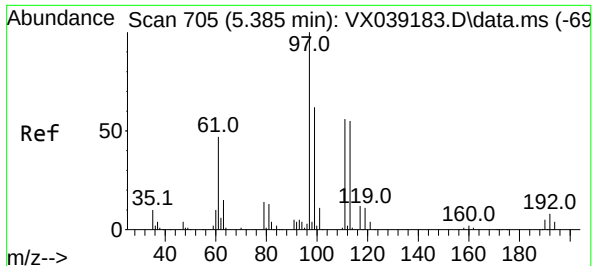
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.124 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX039215.D

Acq: 14 Dec 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

MW-16D

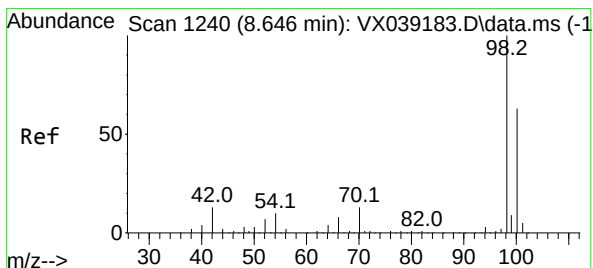
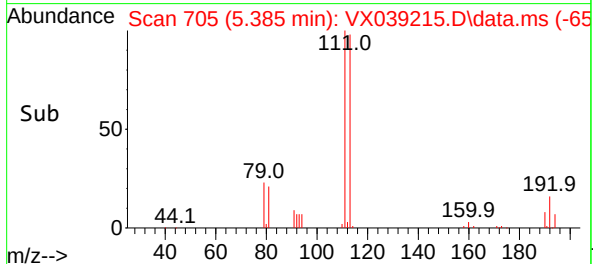
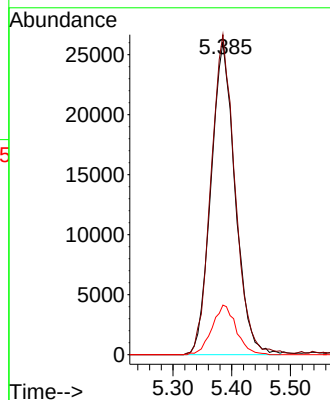
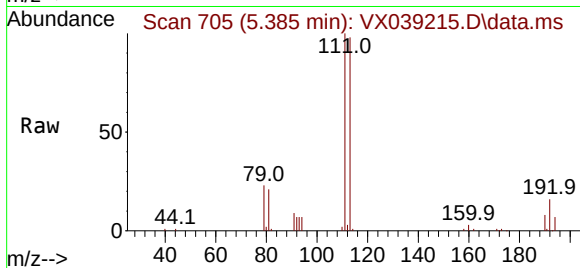
Tgt Ion:113 Resp: 74145

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 15.9 13.3 19.9



#50

Toluene-d8

Concen: 49.423 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039215.D

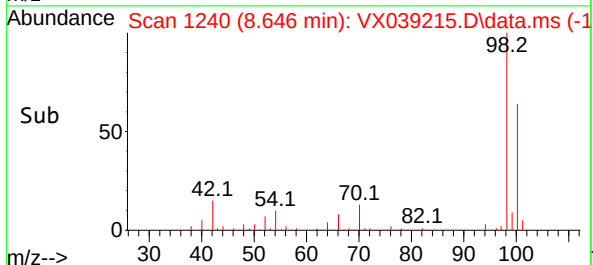
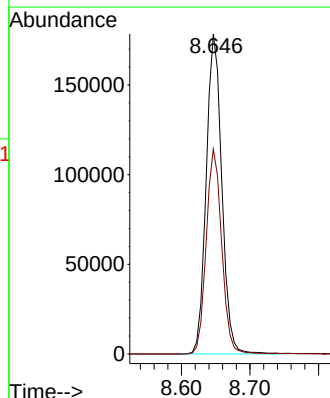
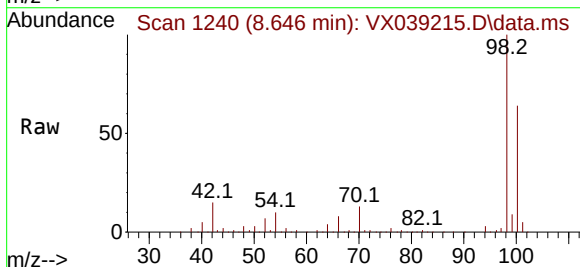
Acq: 14 Dec 2023 17:51

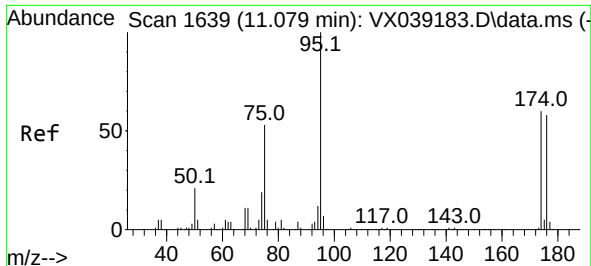
Tgt Ion: 98 Resp: 282696

Ion Ratio Lower Upper

98 100

100 63.4 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 54.944 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039215.D

Acq: 14 Dec 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

MW-16D

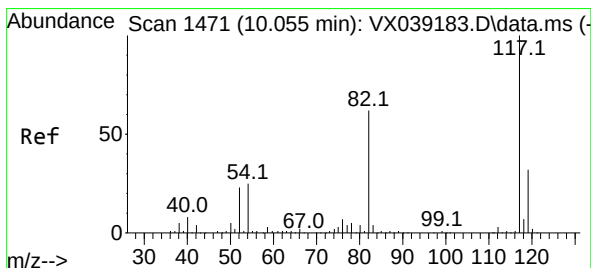
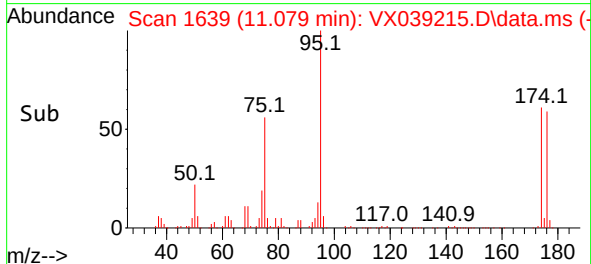
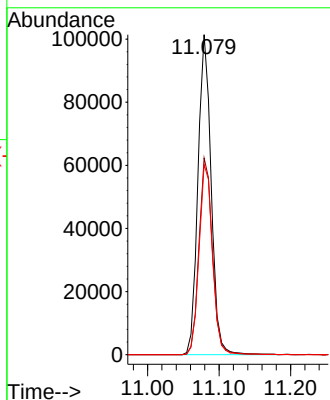
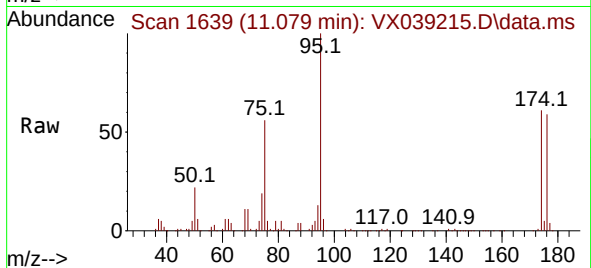
Tgt Ion: 95 Resp: 129668

Ion Ratio Lower Upper

95 100

174 62.8 0.0 135.6

176 60.5 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX039215.D

Acq: 14 Dec 2023 17:51

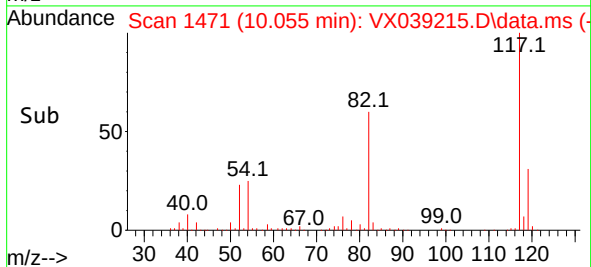
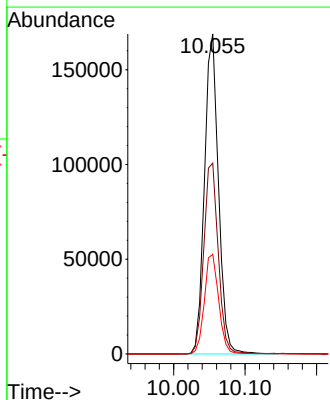
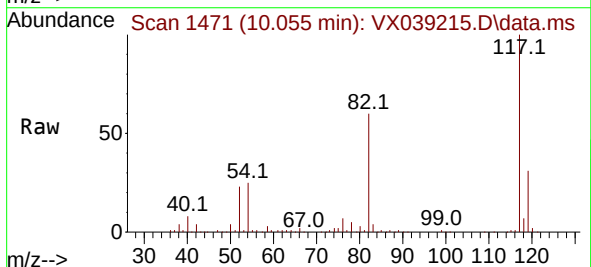
Tgt Ion: 117 Resp: 229808

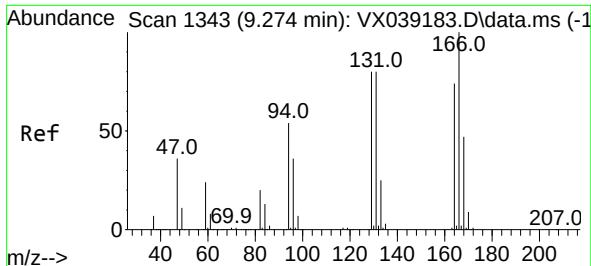
Ion Ratio Lower Upper

117 100

82 59.6 46.2 69.4

119 31.2 25.5 38.3



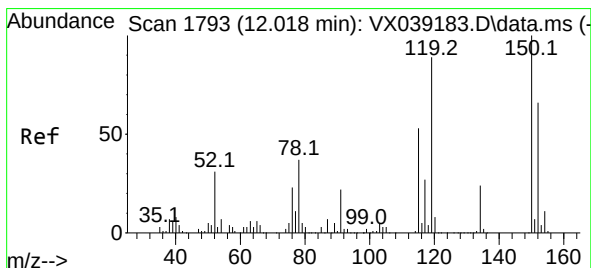
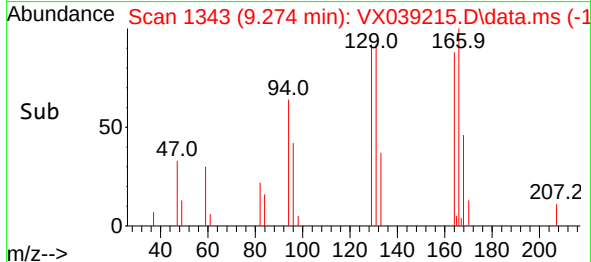
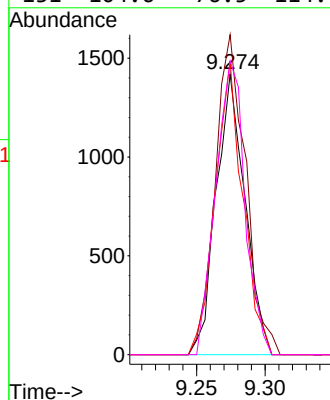
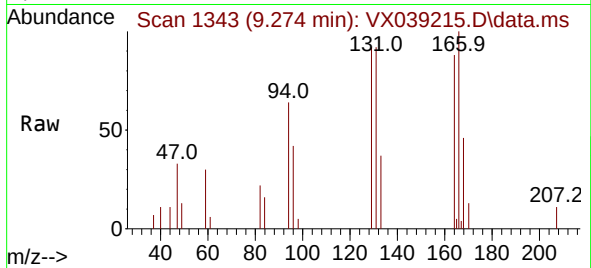


#64
Tetrachloroethene
Concen: 1.387 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :
MW-16D

Tgt Ion:164 Resp: 2083

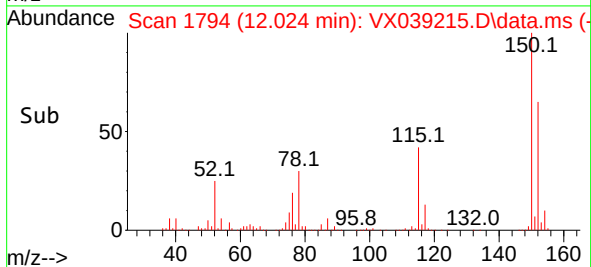
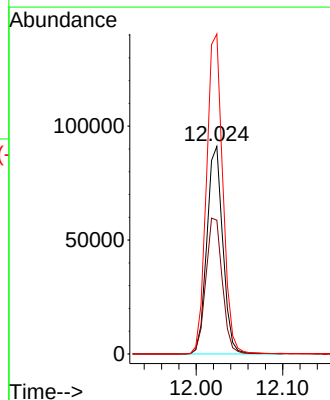
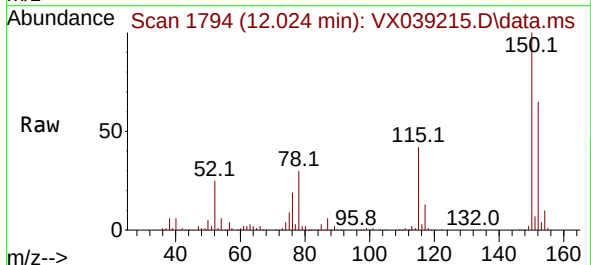
Ion	Ratio	Lower	Upper
164	100		
166	114.0	102.7	154.1
129	104.6	80.4	120.6
131	104.6	76.5	114.7

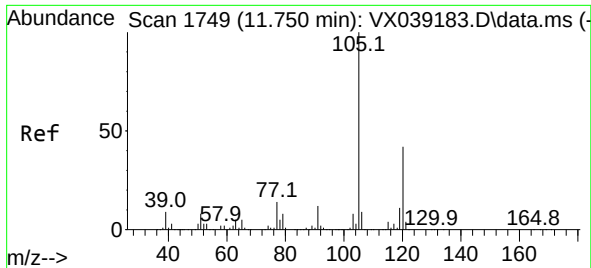


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

Tgt Ion:152 Resp: 116541

Ion	Ratio	Lower	Upper
152	100		
115	67.7	43.3	129.9
150	157.7	0.0	345.0





#84

1,2,4-Trimethylbenzene

Concen: 0.358 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039215.D

Acq: 14 Dec 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

MW-16D

Tgt Ion:105 Resp: 2811

Ion Ratio Lower Upper

105 100

120 40.4 21.2 63.6

