

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
 Data File : VX032020.D
 Acq On : 10 Oct 2022 18:13
 Operator : JC/MD
 Sample : N4937-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-114D

Quant Time: Oct 11 06:00:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

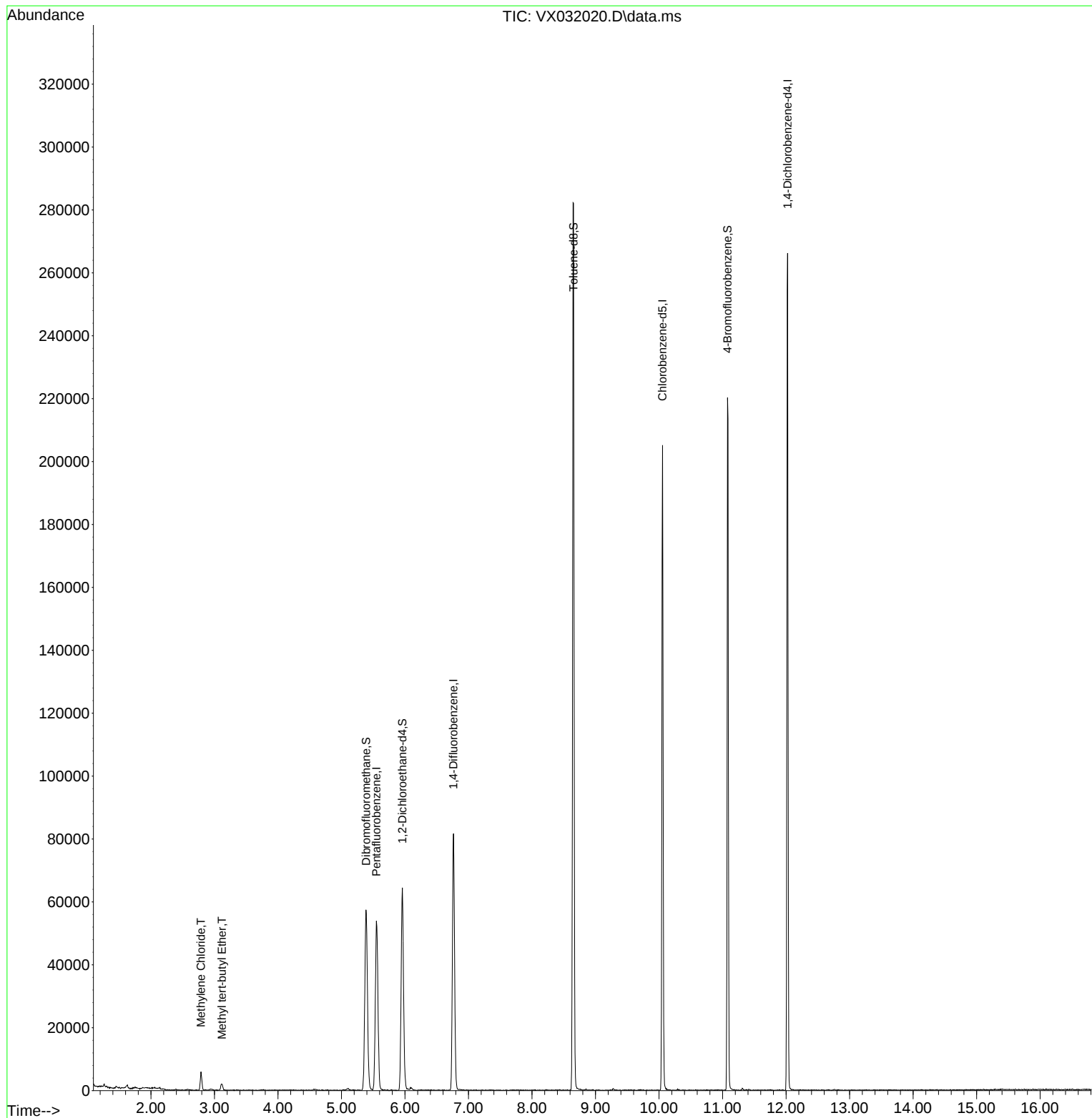
Internal Standards						
1) Pentafluorobenzene	5.550	168	50924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	83337	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	88969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59955	57.008	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.020%
35) Dibromofluoromethane	5.385	113	48417	51.326	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.660%
50) Toluene-d8	8.653	98	168013	49.497	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.000%
62) 4-Bromofluorobenzene	11.079	95	56311	46.925	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.860%
Target Compounds						
						Qvalue
19) Methyl tert-butyl Ether	3.117	73	2180	0.838	ug/l #	87
20) Methylene Chloride	2.788	84	2430	2.587	ug/l	94

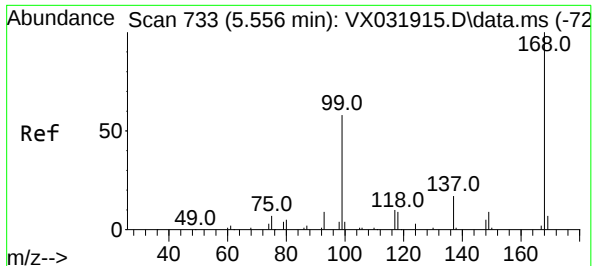
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.006 min
Lab File: VX032020.D
Acq: 10 Oct 2022 18:13

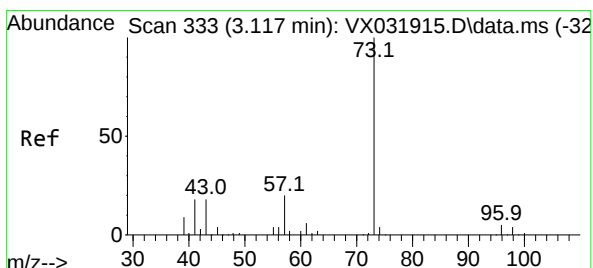
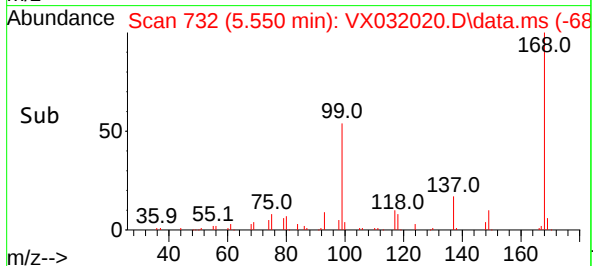
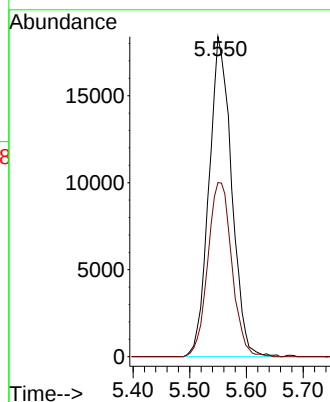
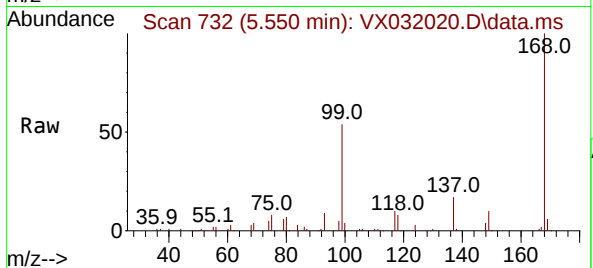
Instrument :

MSVOA_X

ClientSampleId :

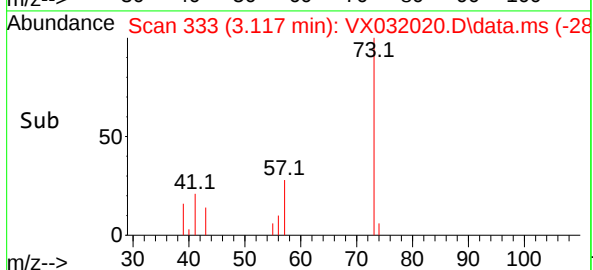
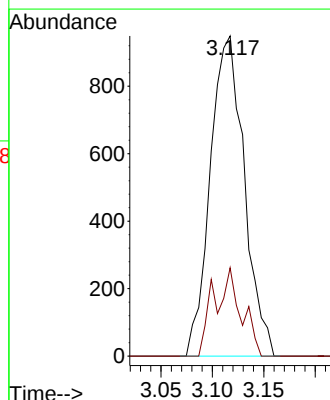
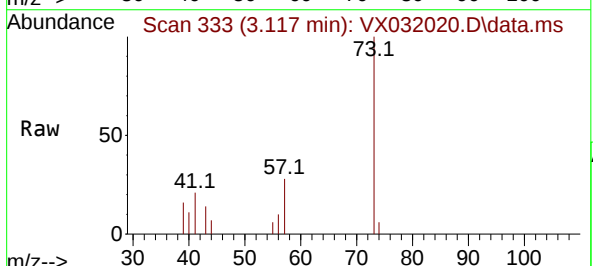
MW-114D

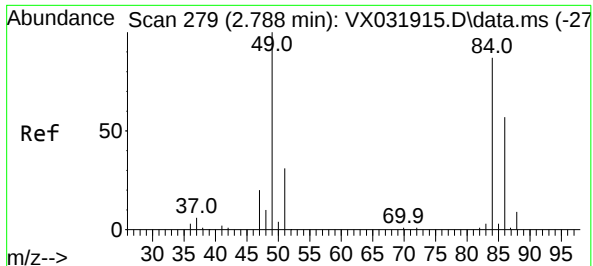
Tgt Ion:168 Resp: 50924
Ion Ratio Lower Upper
168 100
99 54.4 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 0.838 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX032020.D
Acq: 10 Oct 2022 18:13

Tgt Ion: 73 Resp: 2180
Ion Ratio Lower Upper
73 100
57 27.6 17.2 25.8#





#20

Methylene Chloride

Concen: 2.587 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX032020.D

Acq: 10 Oct 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

MW-114D

Tgt Ion: 84 Resp: 2430

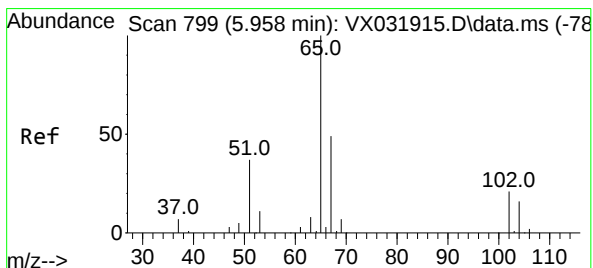
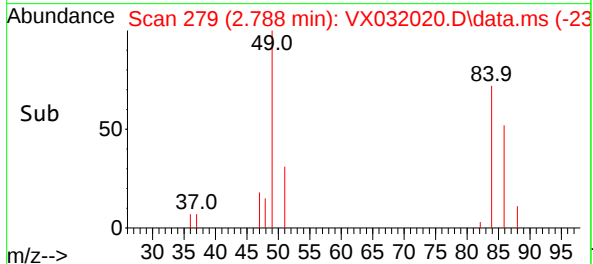
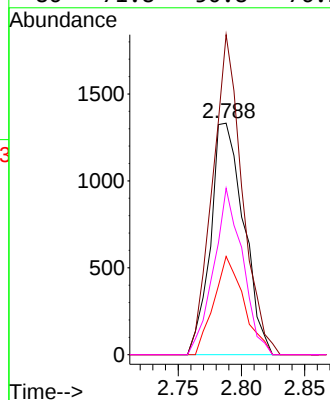
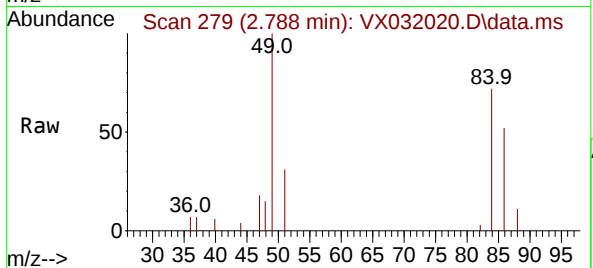
Ion Ratio Lower Upper

84 100

49 138.2 105.9 158.9

51 42.4 32.2 48.2

86 71.8 50.8 76.2



#33

1,2-Dichloroethane-d4

Concen: 57.008 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032020.D

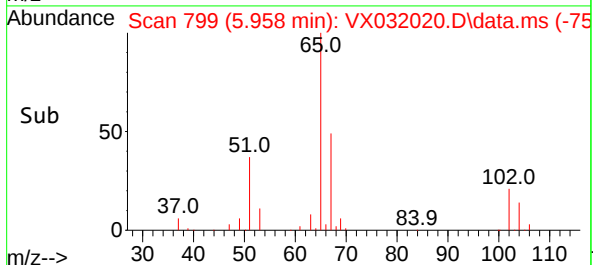
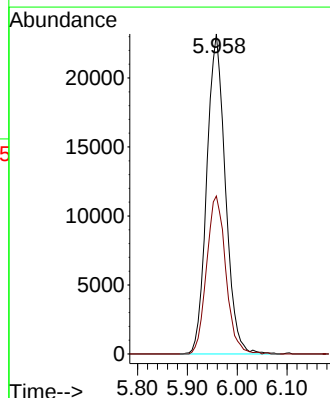
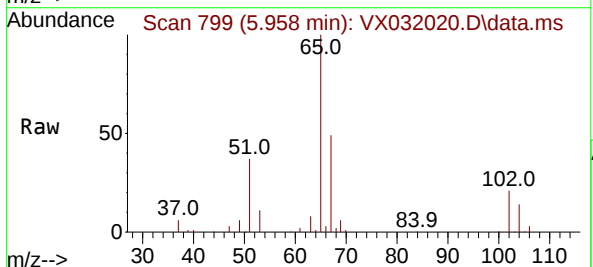
Acq: 10 Oct 2022 18:13

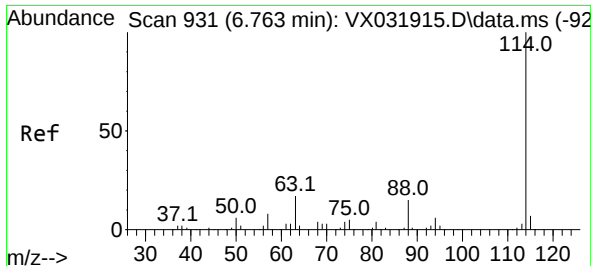
Tgt Ion: 65 Resp: 59955

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.4

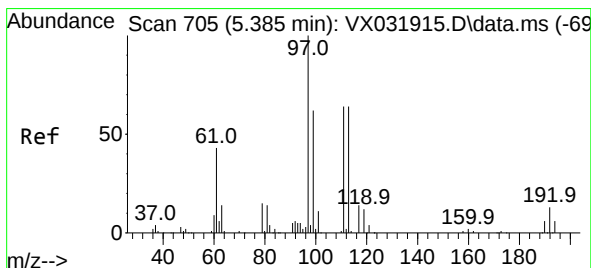
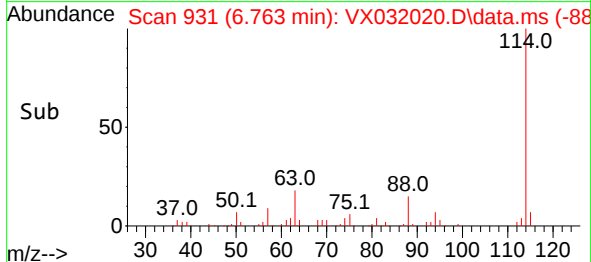
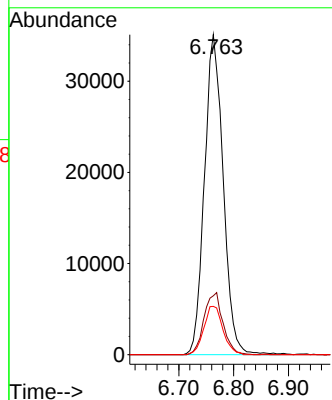
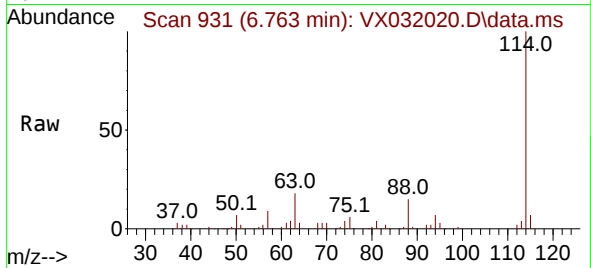




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032020.D
Acq: 10 Oct 2022 18:13

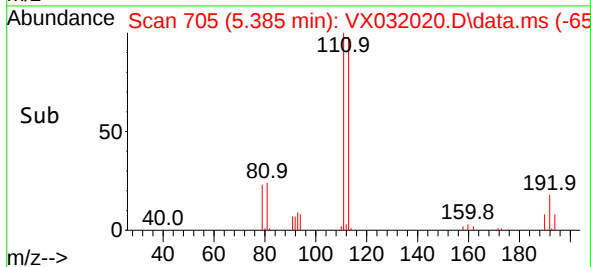
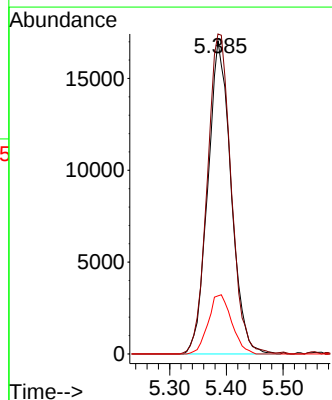
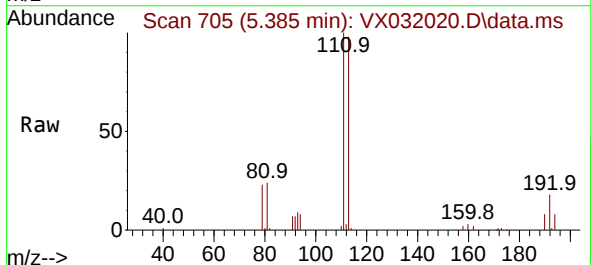
Instrument :
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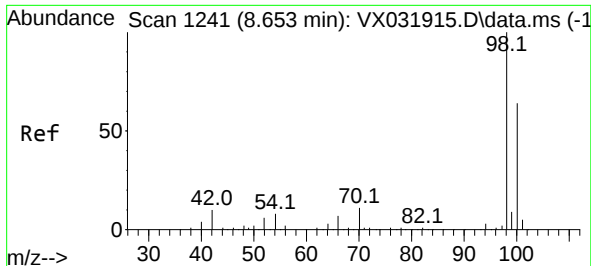
Tgt Ion:114 Resp: 83337
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.6
88 15.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.326 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032020.D
Acq: 10 Oct 2022 18:13

Tgt Ion:113 Resp: 48417
Ion Ratio Lower Upper
113 100
111 104.9 82.4 123.6
192 19.1 14.1 21.1

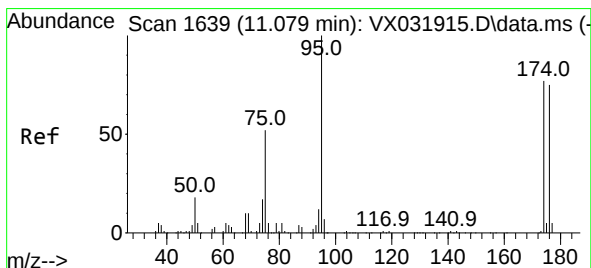
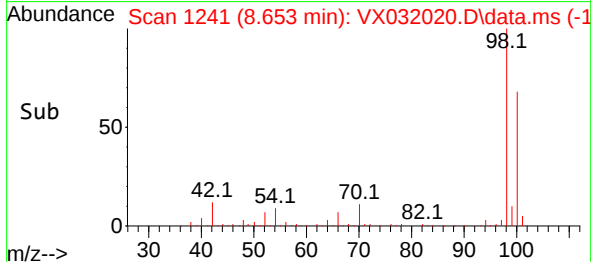
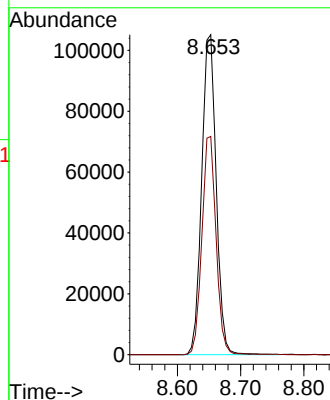
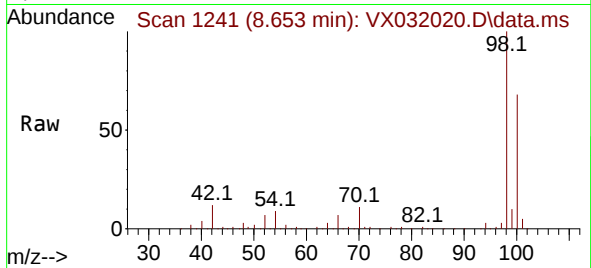




#50
Toluene-d8
Concen: 49.497 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032020.D
Acq: 10 Oct 2022 18:13

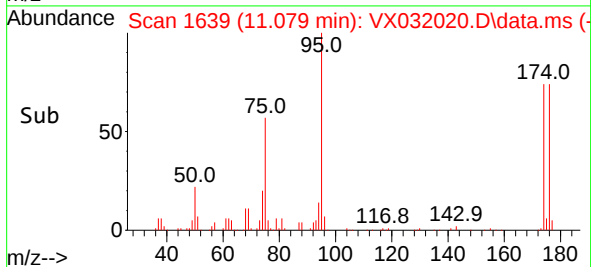
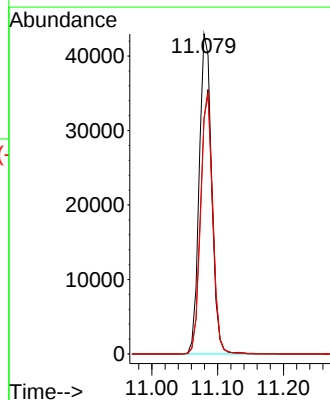
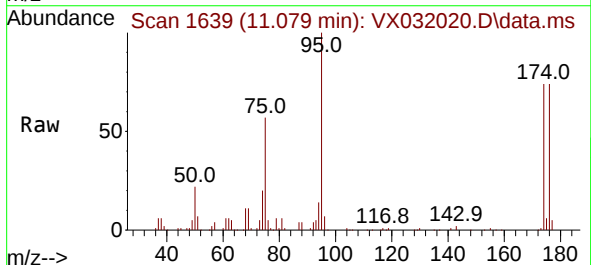
Instrument :
MSVOA_X
ClientSampleId :
MW-114D

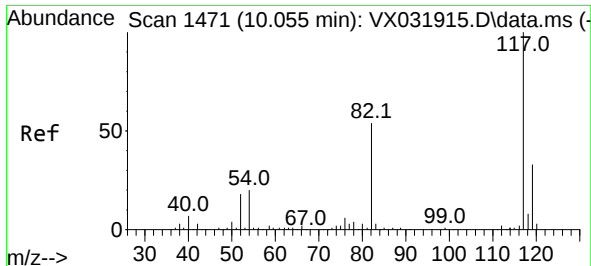
Tgt Ion: 98 Resp: 168013
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.925 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032020.D
Acq: 10 Oct 2022 18:13

Tgt Ion: 95 Resp: 56311
Ion Ratio Lower Upper
95 100
174 81.0 0.0 153.2
176 79.1 0.0 144.0

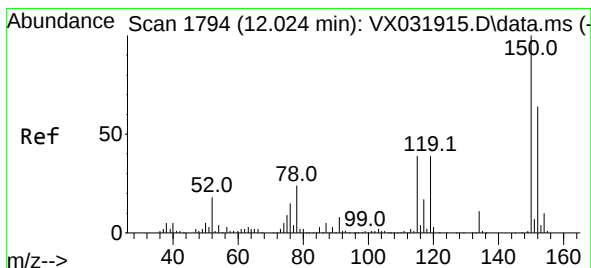
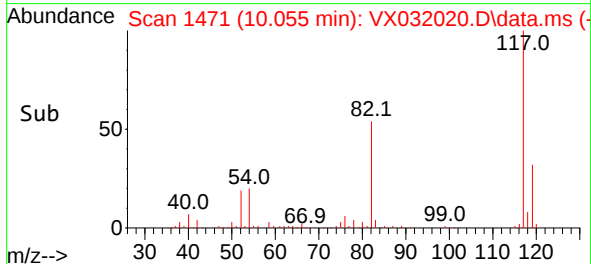
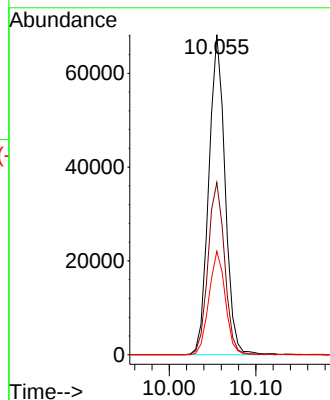
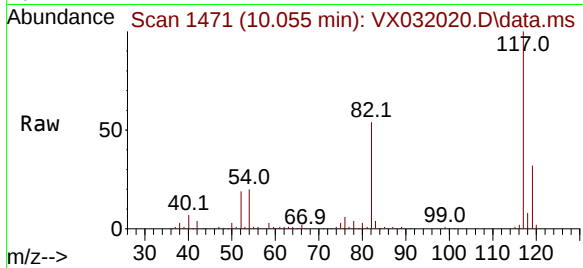




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032020.D
Acq: 10 Oct 2022 18:13

Instrument :
MSVOA_X
ClientSampleId :
MW-114D

Tgt Ion:117 Resp: 88969
Ion Ratio Lower Upper
117 100
82 53.8 46.8 70.2
119 32.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032020.D
Acq: 10 Oct 2022 18:13

Tgt Ion:152 Resp: 53527
Ion Ratio Lower Upper
152 100
115 61.1 43.4 130.1
150 160.2 0.0 346.8

