

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063955.D
 Acq On : 7 Oct 2020 20:07
 Operator : JC/MD
 Sample : L4280-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 10-6-HSFRAC

Quant Time: Oct 08 06:16:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

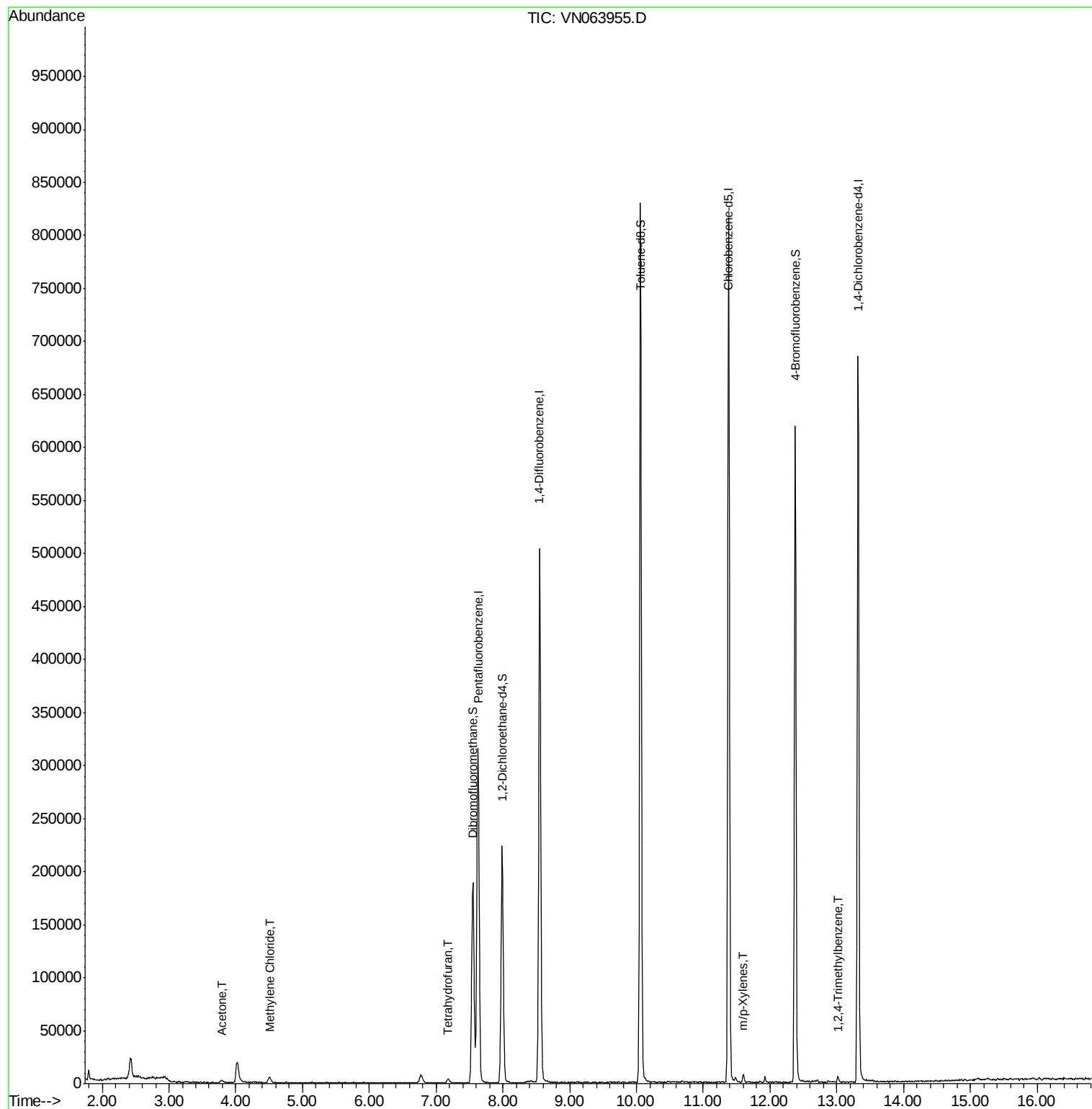
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	236768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	420120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	433496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175548	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	199253	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
35) Dibromofluoromethane	7.55	113	145262	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
50) Toluene-d8	10.06	98	541045	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.38	95	211761	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
Target Compounds						
16) Acetone	3.78	43	4269	3.545	ug/l	94
20) Methylene Chloride	4.50	84	3748	1.454	ug/l #	78
29) Tetrahydrofuran	7.18	42	3193	2.789	ug/l #	72
68) m/p-Xylenes	11.60	106	2160	0.358	ug/l	81
84) 1,2,4-Trimethylbenzene	13.02	105	3429	0.320	ug/l	86

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063955.D

Acq: 7 Oct 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

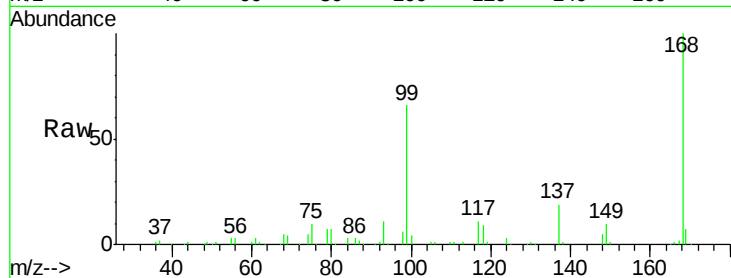
10-6-HSFRAC

Tot Ion:168 Resp: 236768

Ion Ratio Lower Upper

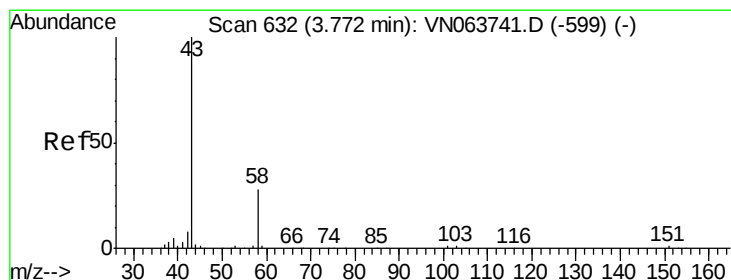
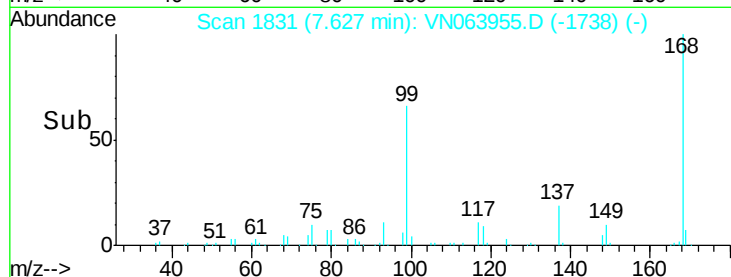
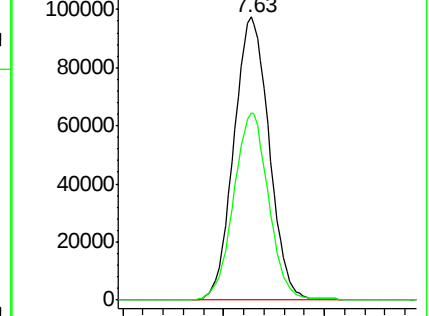
168 100

99 66.1 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 3.545 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063955.D

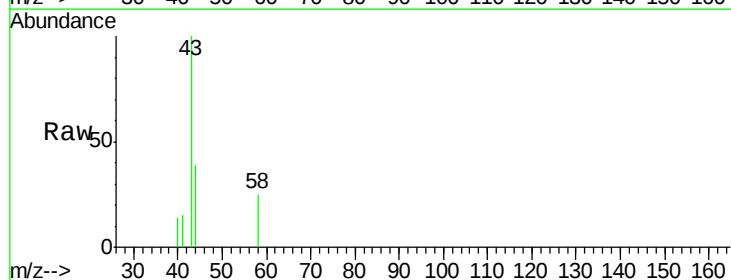
Acq: 7 Oct 2020 20:07

Tgt Ion: 43 Resp: 4269

Ion Ratio Lower Upper

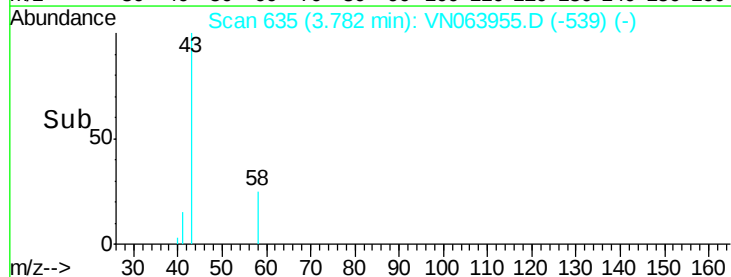
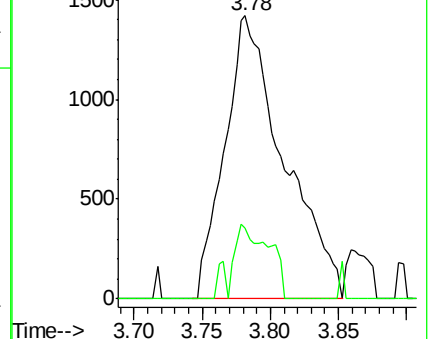
43 100

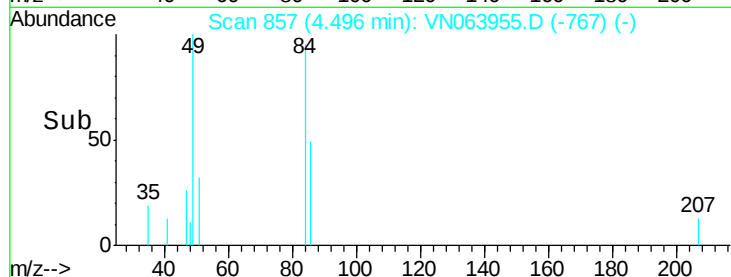
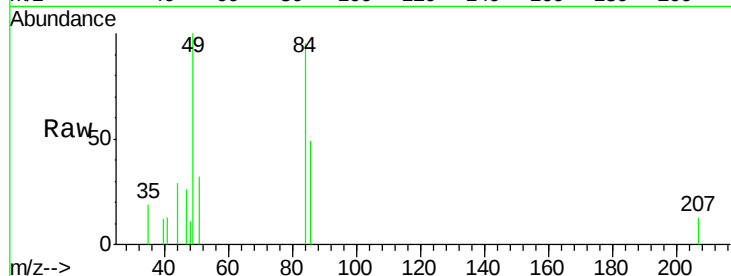
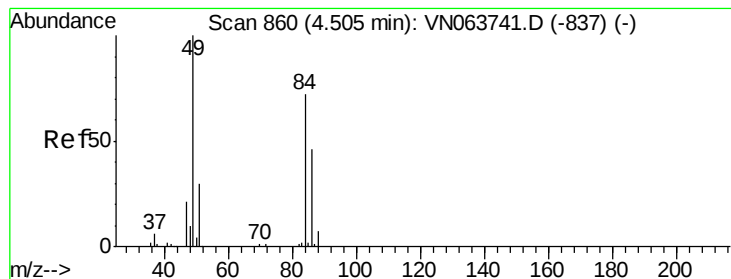
58 24.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 1.454 ug/l

RT: 4.50 min Scan# 857

Delta R.T. -0.01 min

Lab File: VN063955.D

Acq: 7 Oct 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

10-6-HSFRAC

Tot Ion: 84 Resp: 3748

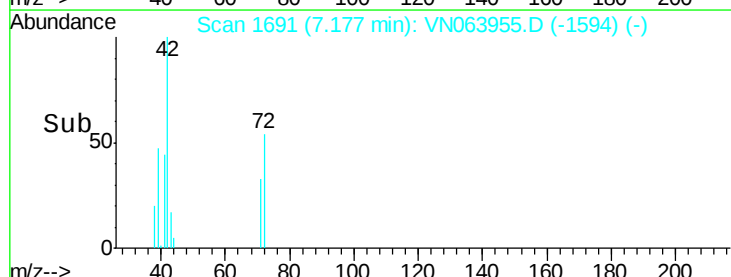
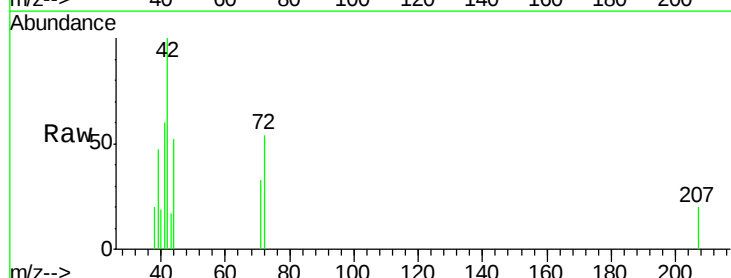
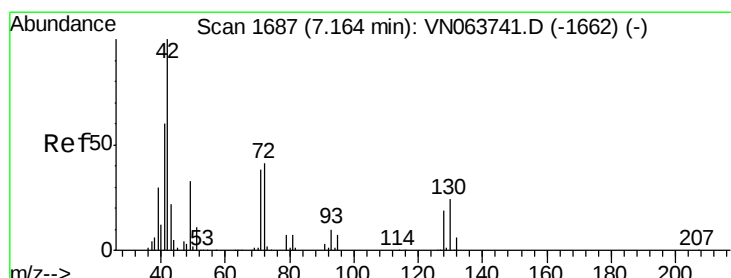
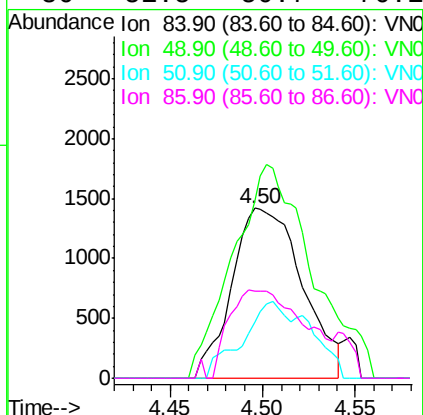
Ion Ratio Lower Upper

84 100

49 105.0 110.4 165.6#

51 33.5 33.3 49.9

86 51.5 50.7 76.1



#29

Tetrahydrofuran

Concen: 2.789 ug/l

RT: 7.18 min Scan# 1691

Delta R.T. 0.01 min

Lab File: VN063955.D

Acq: 7 Oct 2020 20:07

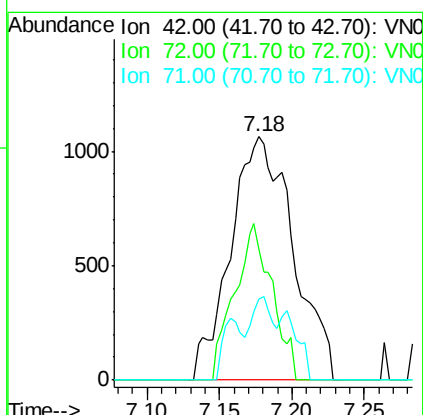
Tgt Ion: 42 Resp: 3193

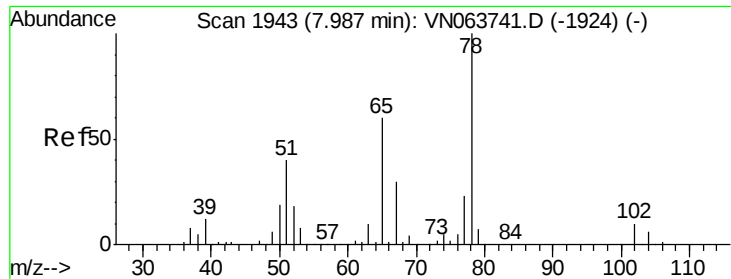
Ion Ratio Lower Upper

42 100

72 38.7 32.8 49.2

71 6.0 30.6 45.8#





#33

1,2-Dichloroethane-d4

Concen: 50.939 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063955.D

Acq: 7 Oct 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

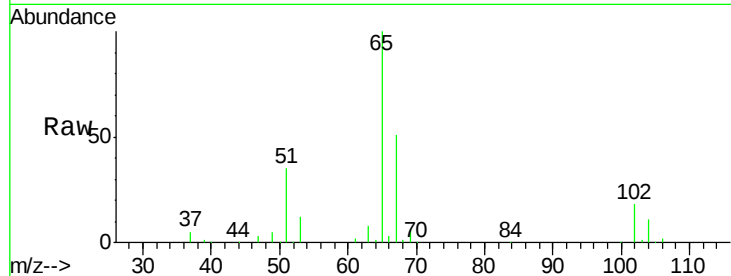
10-6-HSFRAC

Tot Ion: 65 Resp: 199253

Ion Ratio Lower Upper

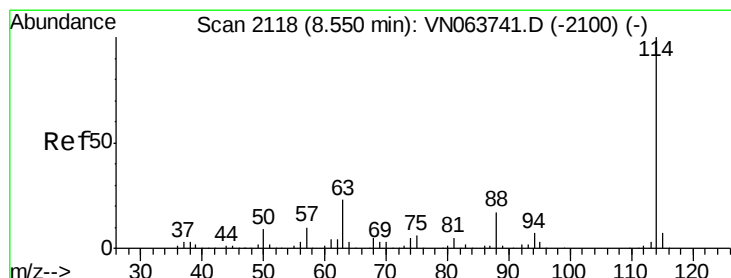
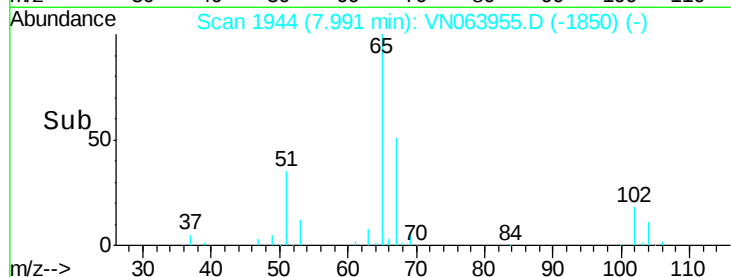
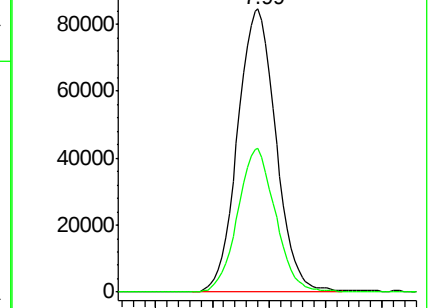
65 100

67 50.1 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN063741.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063741.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063955.D

Acq: 7 Oct 2020 20:07

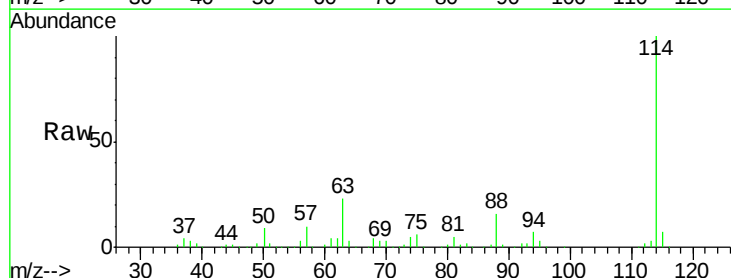
Tgt Ion: 114 Resp: 420120

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

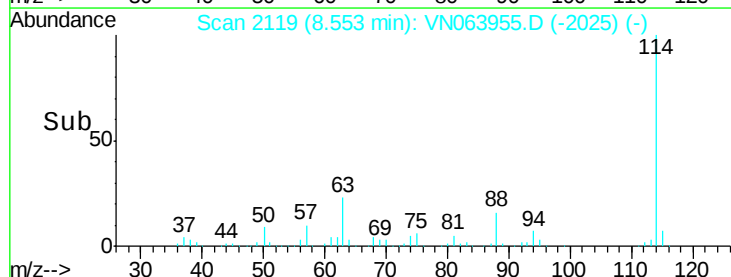
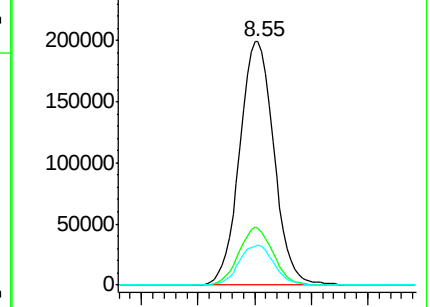
88 16.3 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): VN063741.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063741.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063741.D (-2100) (-)

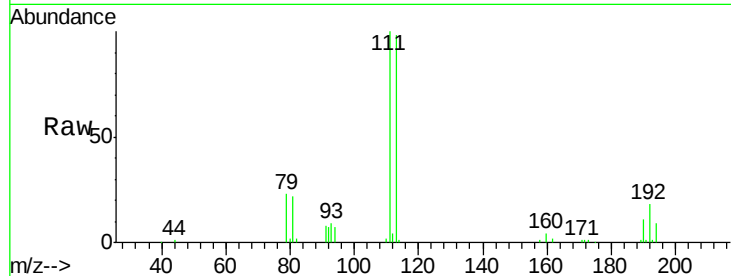




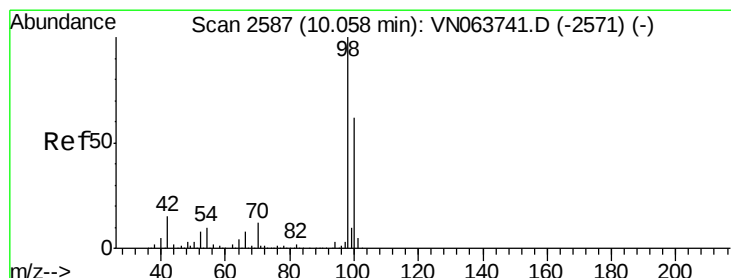
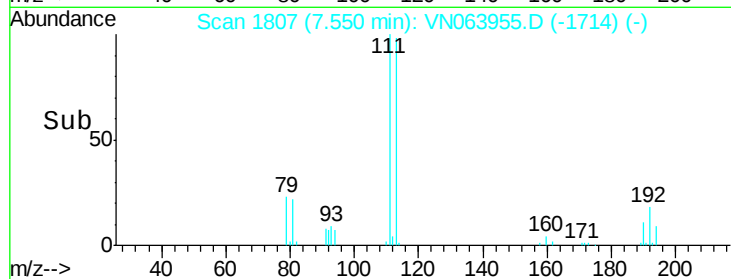
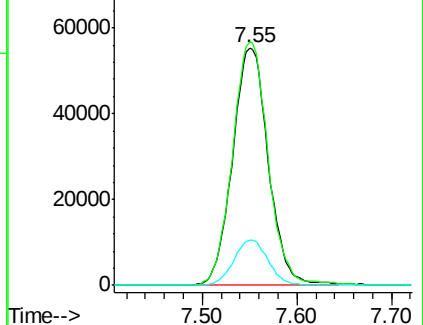
#35
Dibromofluoromethane
Concen: 49.831 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063955.D
Acq: 7 Oct 2020 20:07

Instrument :
MSVOA_N
ClientSampleId :
10-6-HSFRAC

Tot Ion:113 Resp: 145262
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 18.5 14.2 21.2

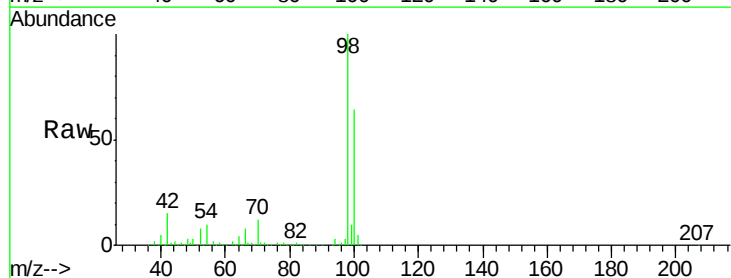


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

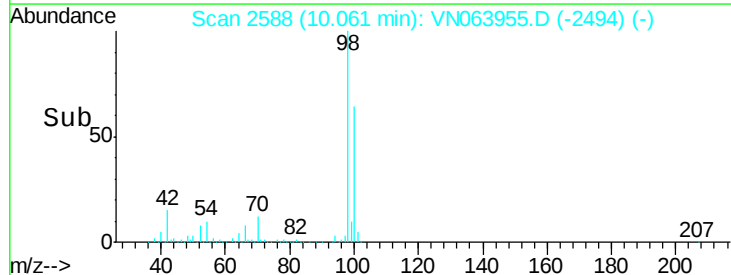
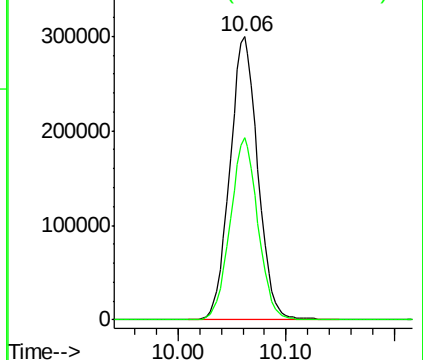


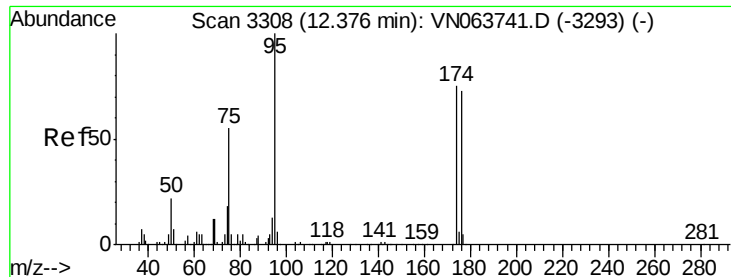
#50
Toluene-d8
Concen: 48.959 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063955.D
Acq: 7 Oct 2020 20:07

Tgt Ion: 98 Resp: 541045
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

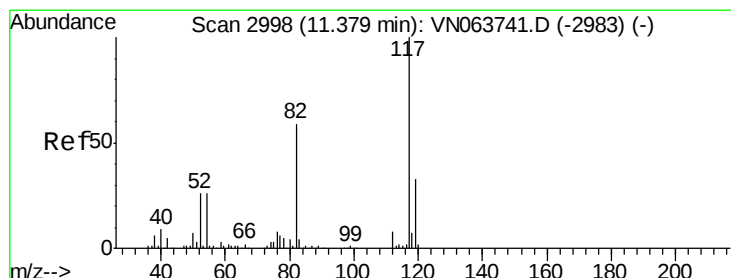
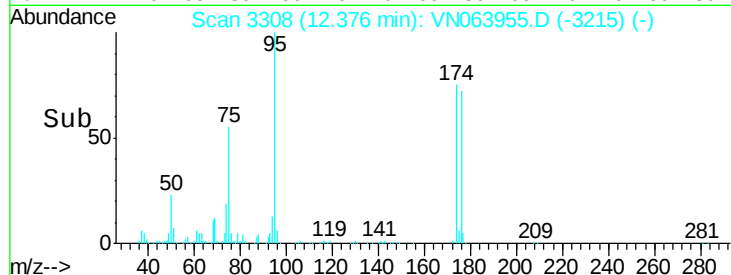
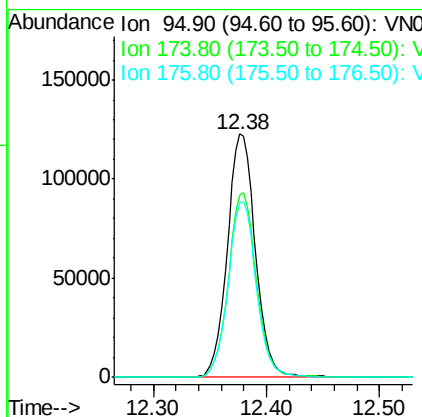
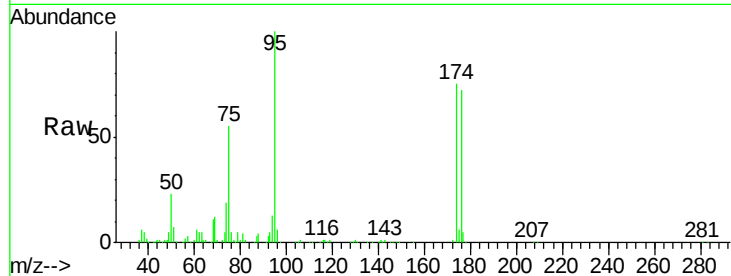




#62
4-Bromofluorobenzene
Concen: 50.976 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063955.D
Acq: 7 Oct 2020 20:07

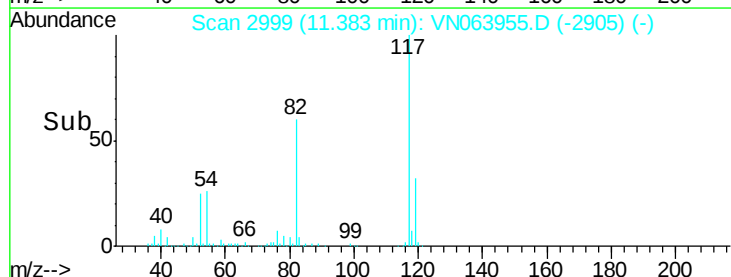
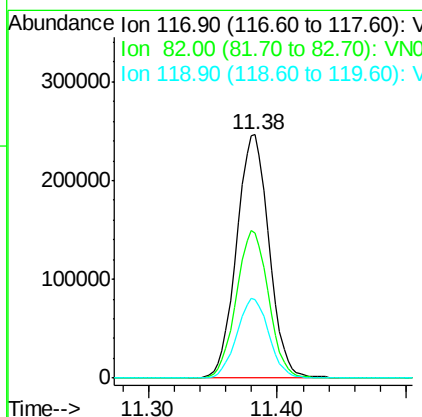
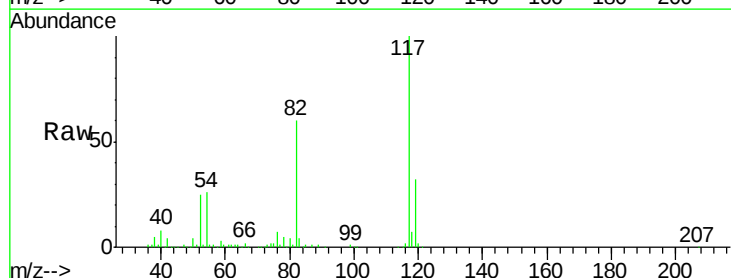
Instrument :
MSVOA_N
ClientSampleId :
10-6-HSFRAC

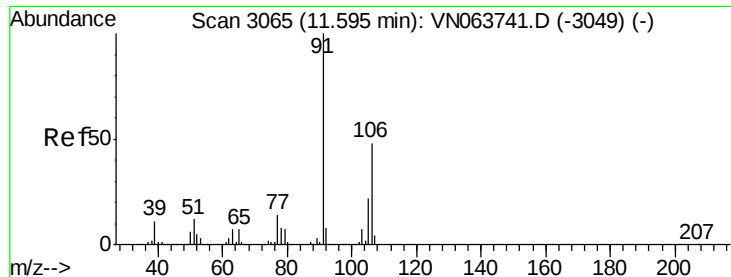
Tot Ion: 95 Resp: 211761
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.6
176 72.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063955.D
Acq: 7 Oct 2020 20:07

Tgt Ion: 117 Resp: 433496
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 32.5 26.4 39.6





#68

m/p-Xvlenes

Concen: 0.358 ug/l

RT: 11.60 min Scan# 3068

Delta R.T. 0.01 min

Lab File: VN063955.D

Acq: 7 Oct 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

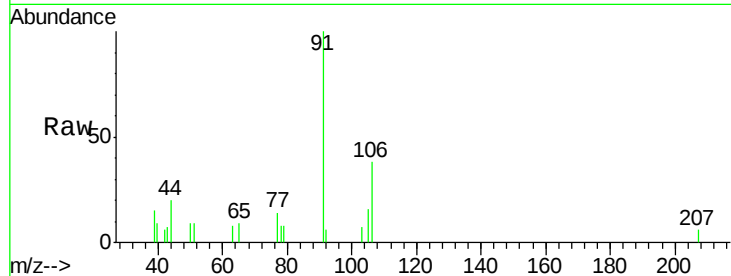
10-6-HSFRAC

Tot Ion:106 Resp: 2160

Ion Ratio Lower Upper

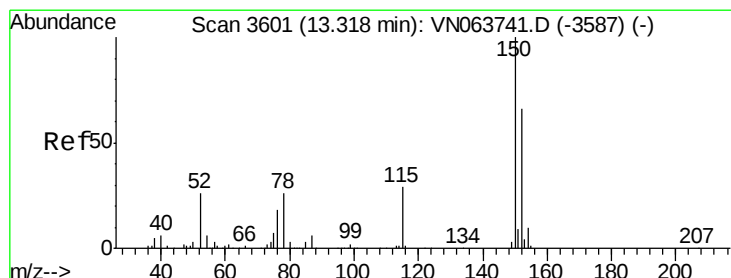
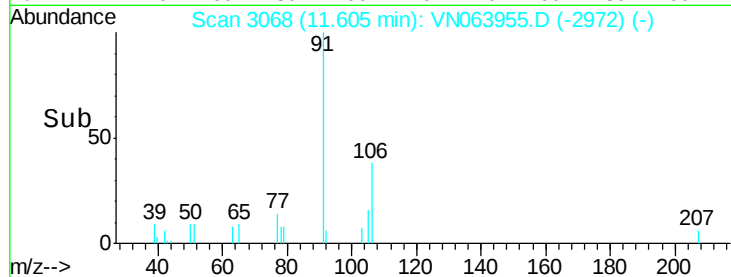
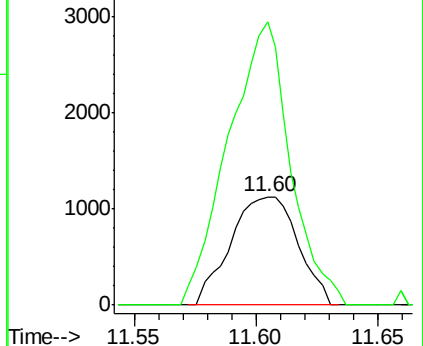
106 100

91 239.8 168.0 252.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063955.D

Acq: 7 Oct 2020 20:07

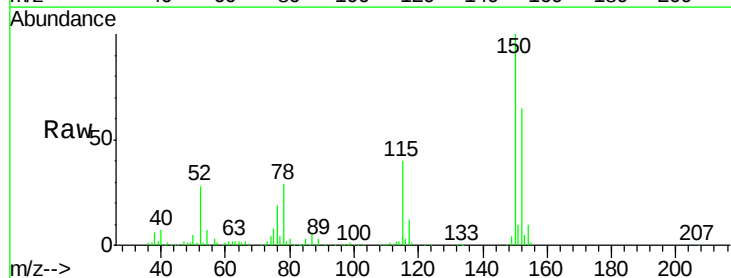
Tgt Ion:152 Resp: 175548

Ion Ratio Lower Upper

152 100

115 62.1 31.3 93.8

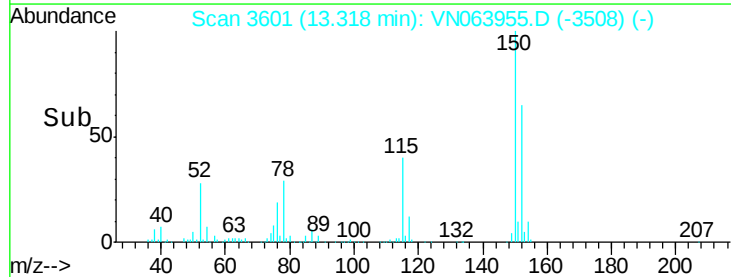
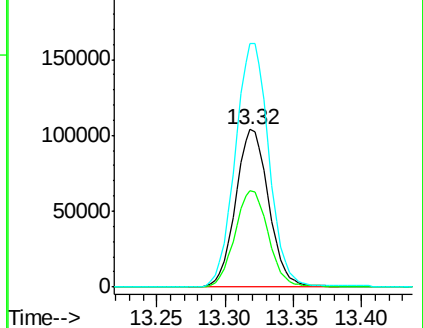
150 157.3 0.0 341.8

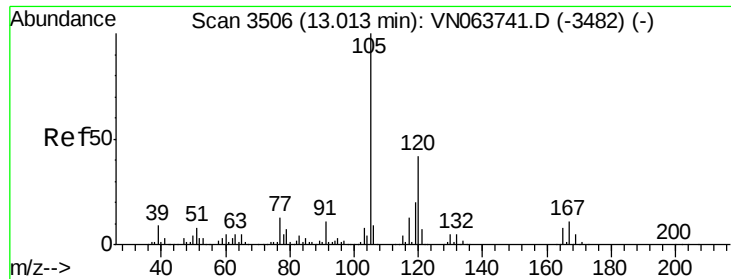


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84
 1,2,4-Trimethylbenzene
 Concen: 0.320 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063955.D
 Acq: 7 Oct 2020 20:07

Instrument :
 MSVOA_N
 ClientSampleId :
 10-6-HSFRAC

Tot Ion:105 Resp: 3429
 Ion Ratio Lower Upper
 105 100
 120 50.6 20.9 62.7

