

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062383.D
 Acq On : 6 Jul 2020 23:34
 Operator : JC/MD
 Sample : L3212-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-616-618

Quant Time: Jul 07 06:29:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

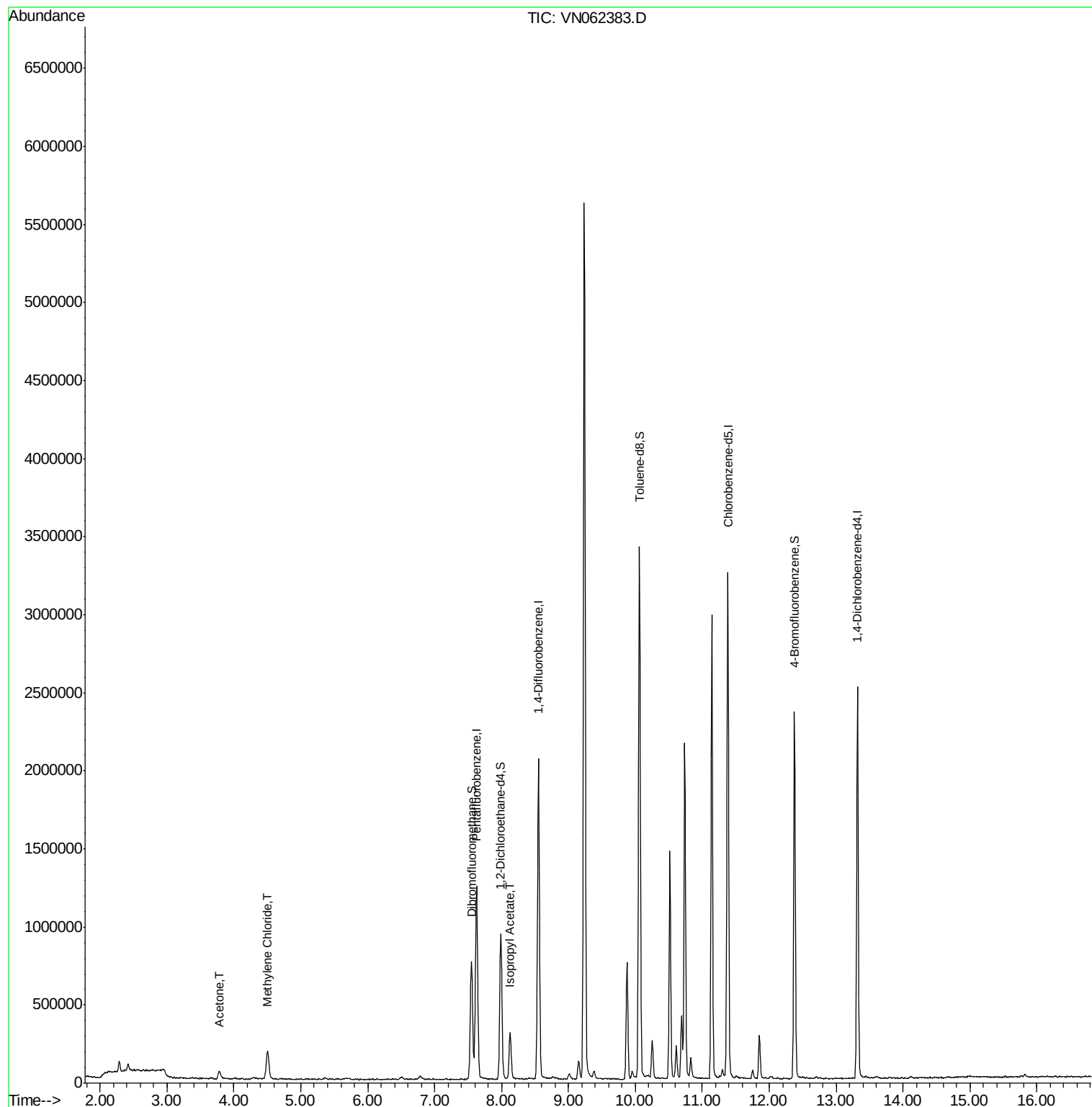
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	918106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1633813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1634232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	597445	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	832177	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
35) Dibromofluoromethane	7.55	113	558680	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	10.06	98	2177382	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.38	95	772776	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
Target Compounds						
16) Acetone	3.78	43	82419	10.765	ug/l	99
20) Methylene Chloride	4.50	84	115984	9.148	ug/l	99
43) Isopropyl Acetate	8.13	43	366297	10.760	ug/l	99

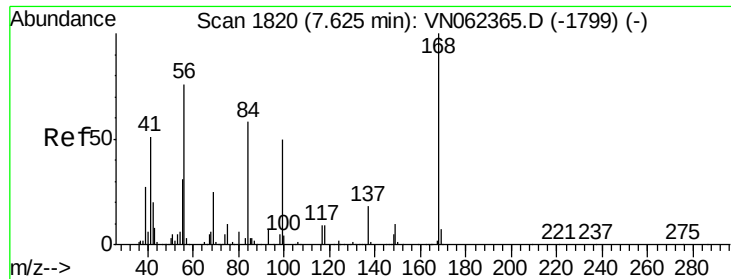
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

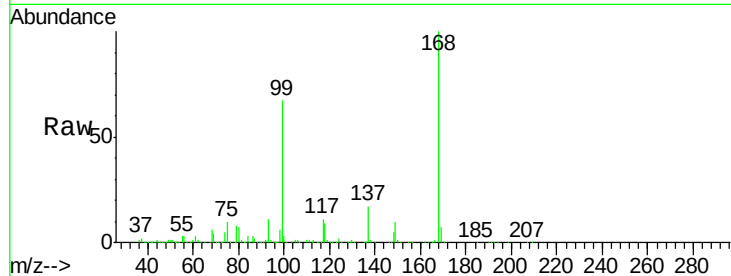
BP-MW180-SOIL-616-618

Tot Ion:168 Resp: 918106

Ion Ratio Lower Upper

168 100

99 66.7 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

400000

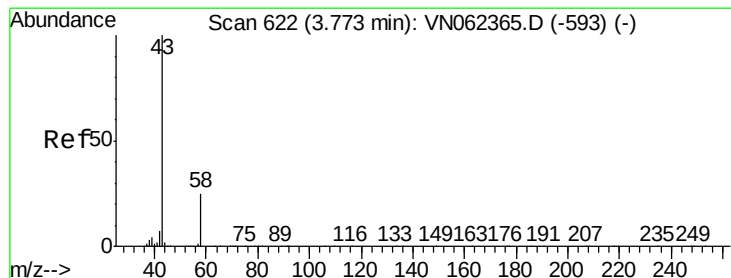
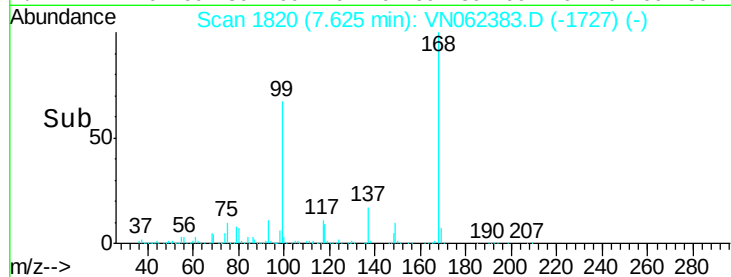
300000

200000

100000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 10.765 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062383.D

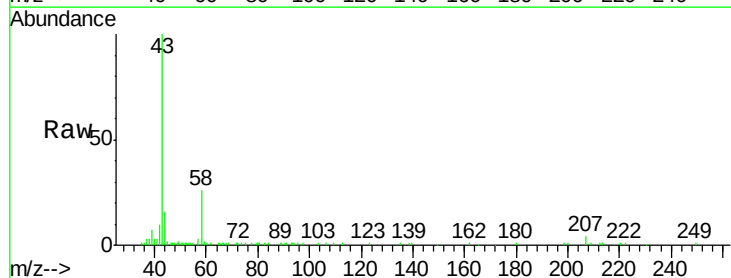
Acq: 6 Jul 2020 23:34

Tgt Ion: 43 Resp: 82419

Ion Ratio Lower Upper

43 100

58 25.4 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

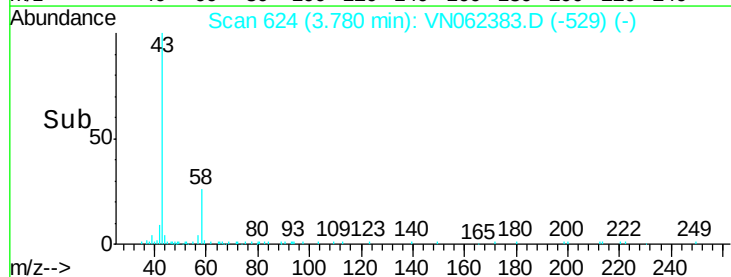
30000

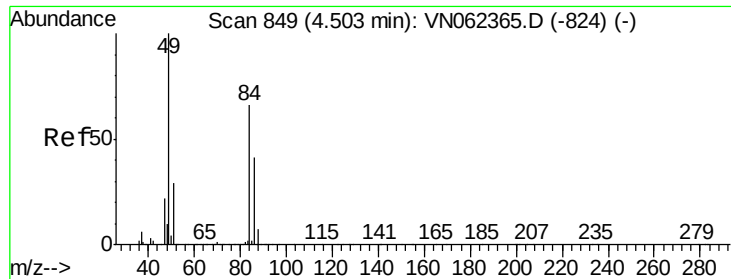
20000

10000

0

Time--> 3.70 3.75 3.80 3.85

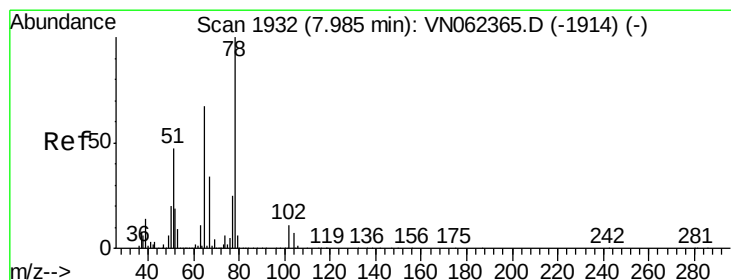
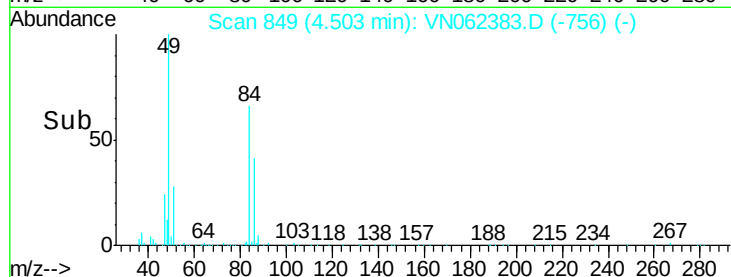
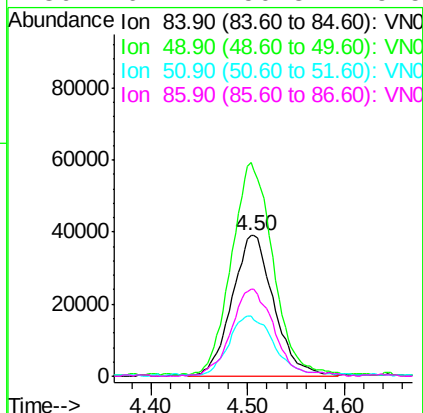
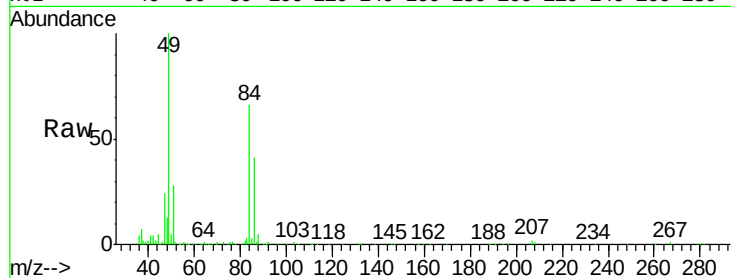




#20
Methylene Chloride
Concen: 9.148 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062383.D
Acq: 6 Jul 2020 23:34

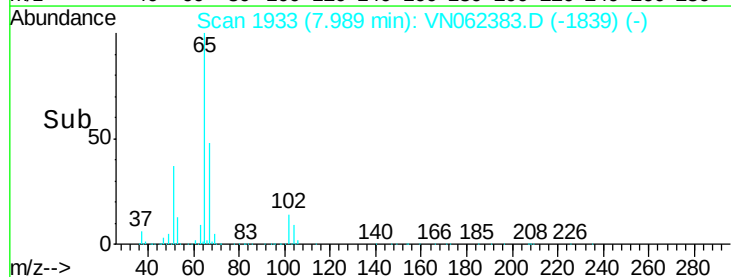
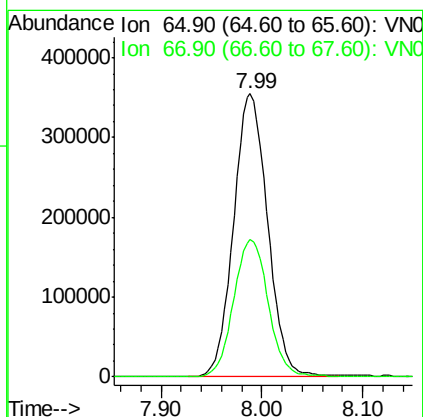
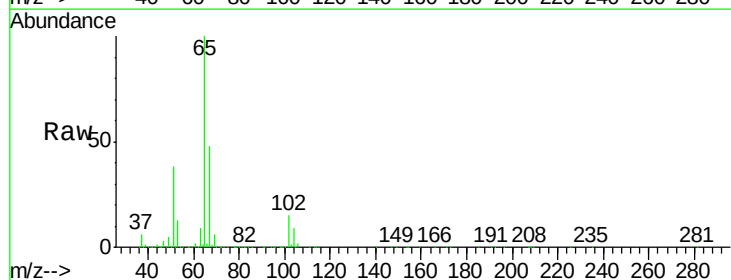
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-616-618

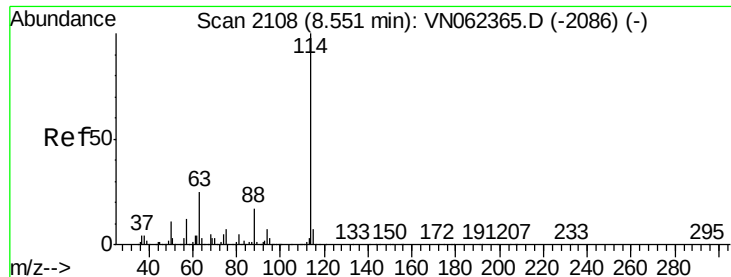
Tot Ion: 84 Resp: 115984
Ion Ratio Lower Upper
84 100
49 151.3 121.8 182.6
51 41.8 35.0 52.4
86 62.1 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 50.108 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062383.D
Acq: 6 Jul 2020 23:34

Tgt Ion: 65 Resp: 832177
Ion Ratio Lower Upper
65 100
67 48.8 0.0 101.0

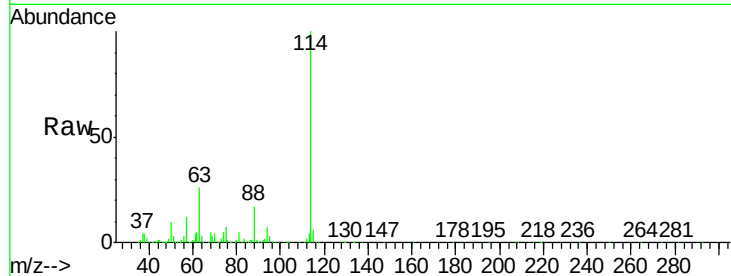




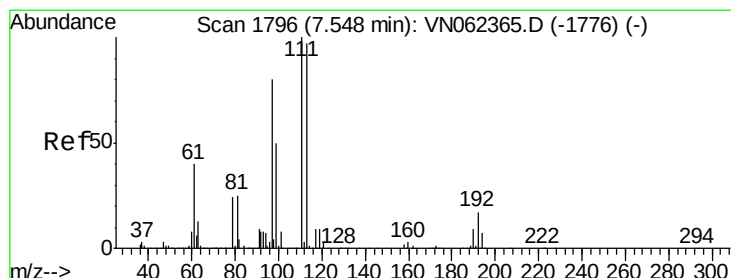
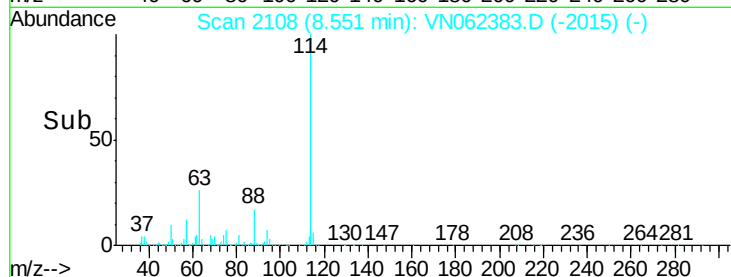
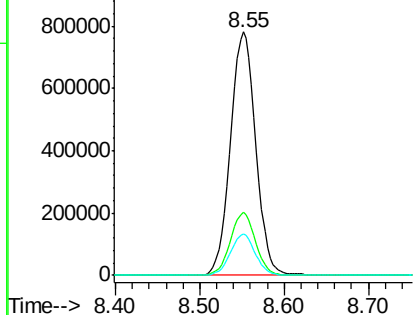
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062383.D
 Acq: 6 Jul 2020 23:34

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-616-618

Tot Ion:114 Resp: 1633813
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 49.0
 88 16.8 0.0 34.0

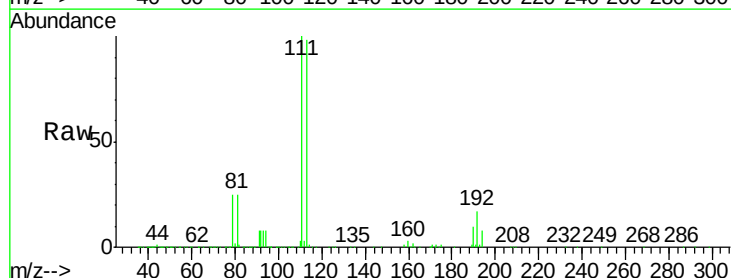


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

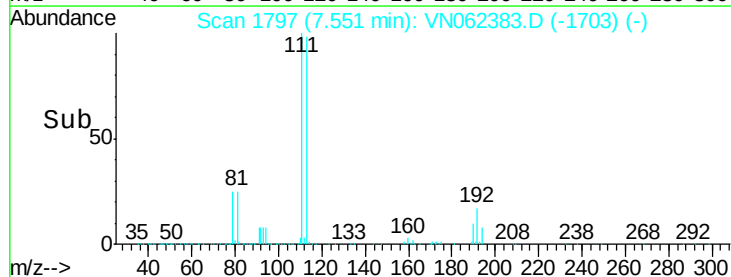
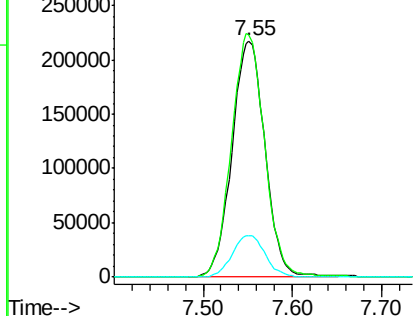


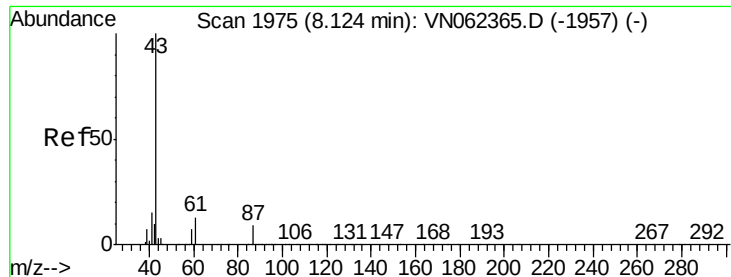
#35
 Dibromofluoromethane
 Concen: 50.125 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062383.D
 Acq: 6 Jul 2020 23:34

Tgt Ion:113 Resp: 558680
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.2 124.8
 192 17.6 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





#43

Isopropyl Acetate

Concen: 10.760 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062383.D

Acq: 6 Jul 2020 23:34

Instrument :

MSVOA_N

ClientSampleId :

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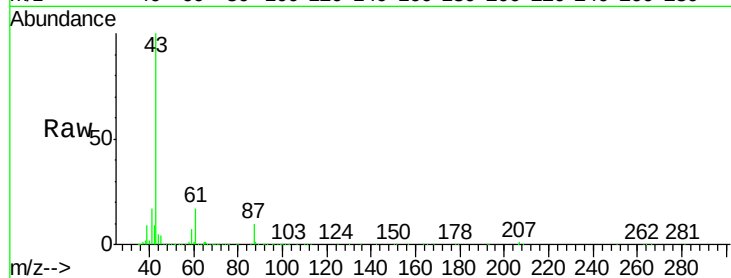
Tot Ion: 43 Resp: 366297

Ion Ratio Lower Upper

43 100

61 15.9 13.1 19.7

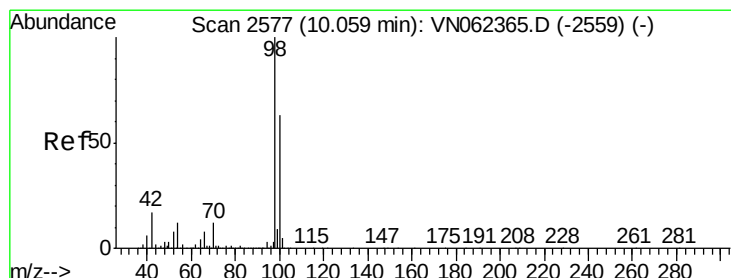
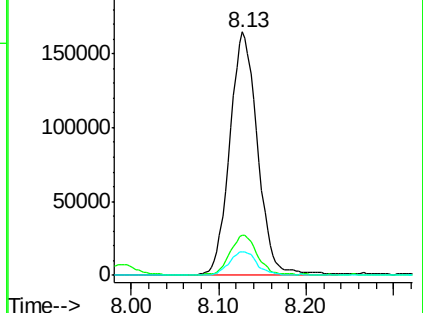
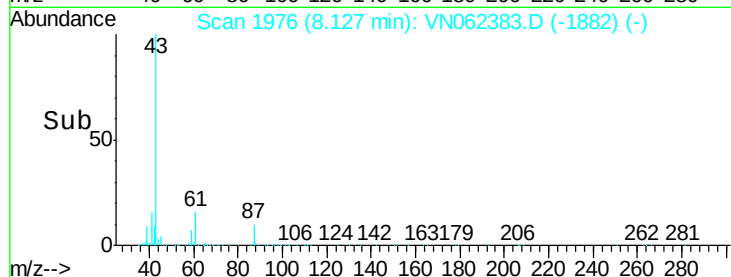
87 9.6 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VN062365.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062365.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062365.D (-1957) (-)



#50

Toluene-d8

Concen: 52.259 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062383.D

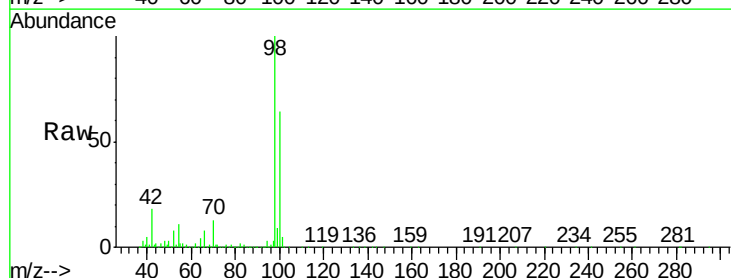
Acq: 6 Jul 2020 23:34

Tgt Ion: 98 Resp: 2177382

Ion Ratio Lower Upper

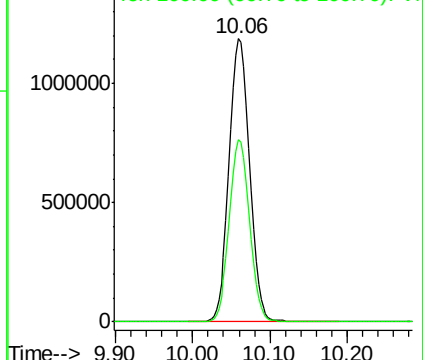
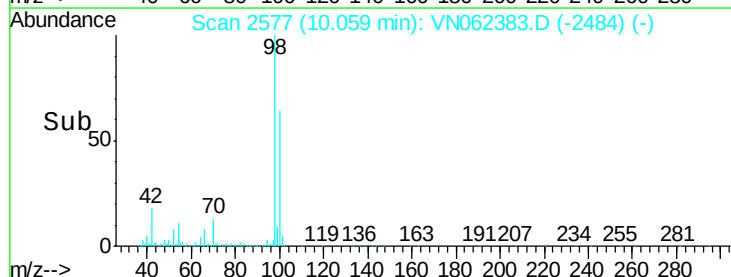
98 100

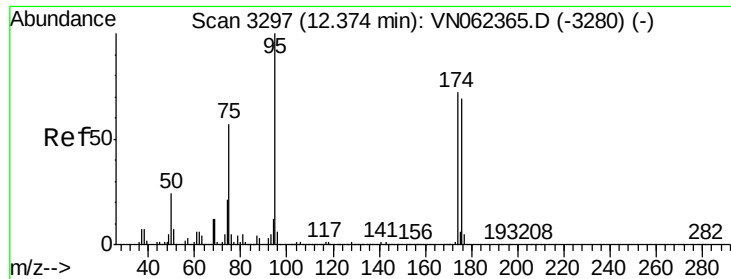
100 63.5 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN062365.D (-2559) (-)

Ion 100.00 (99.70 to 100.70): VN062365.D (-2559) (-)

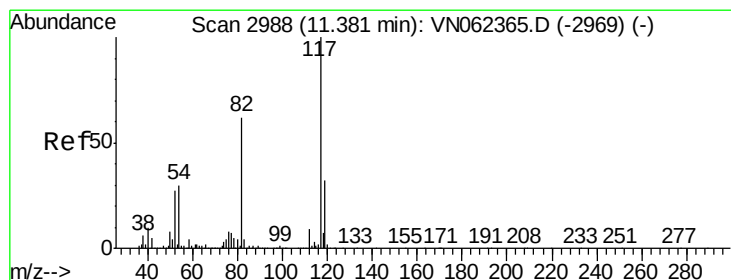
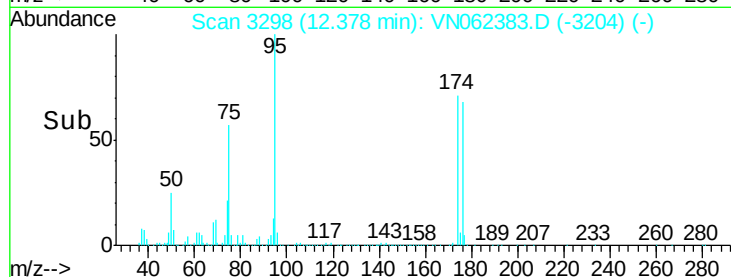
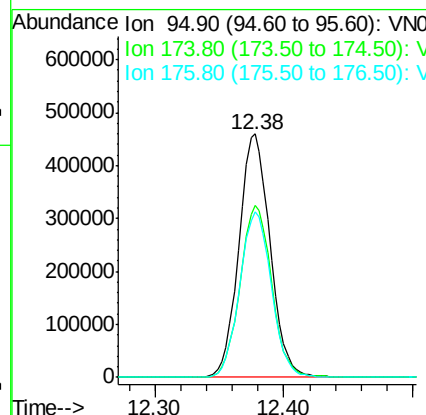
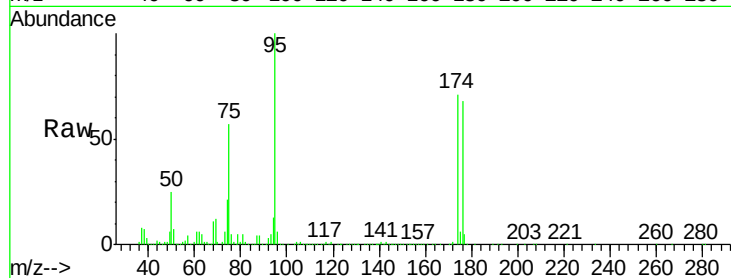




#62
4-Bromofluorobenzene
Concen: 48.428 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062383.D
Acq: 6 Jul 2020 23:34

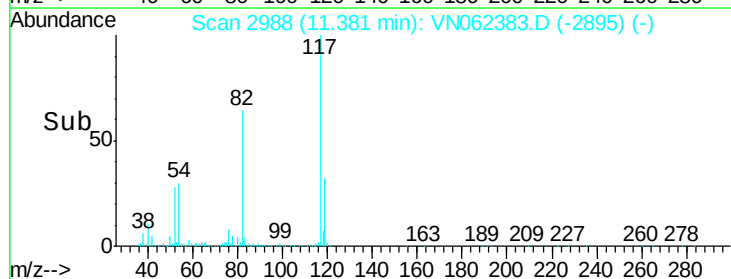
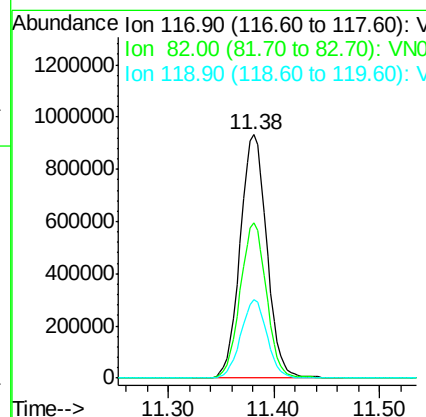
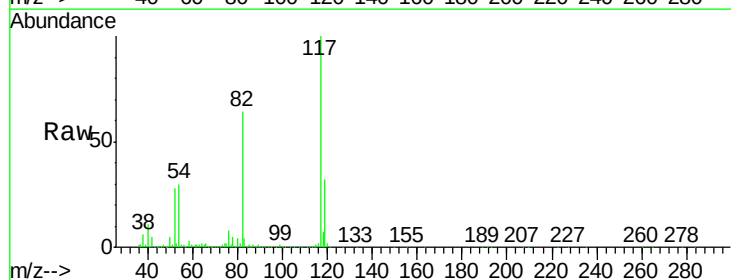
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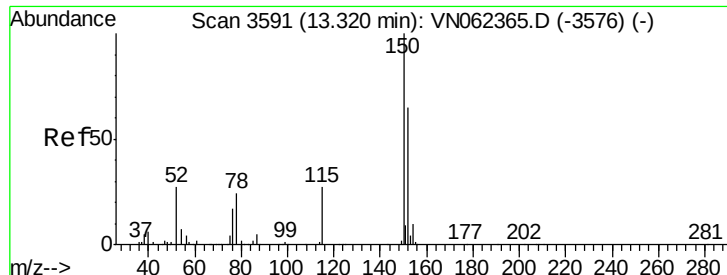
Tot Ion: 95 Resp: 772776
Ion Ratio Lower Upper
95 100
174 71.7 0.0 145.8
176 69.1 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062383.D
Acq: 6 Jul 2020 23:34

Tgt Ion: 117 Resp: 1634232
Ion Ratio Lower Upper
117 100
82 63.7 49.4 74.2
119 32.1 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062383.D

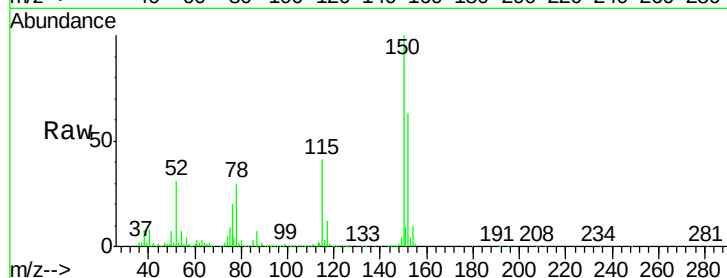
Acq: 6 Jul 2020 23:34

Instrument :

MSVOA_N

ClientSampleId :

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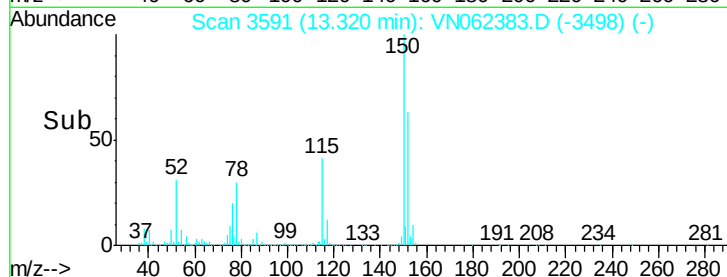
Tot Ion:152 Resp: 597445

Ion Ratio Lower Upper

152 100

115 64.4 30.5 91.5

150 156.9 0.0 346.8



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

