

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063267.D
 Acq On : 5 Sep 2020 4:24
 Operator : JC/MD
 Sample : L3877-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Sep 07 02:39:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

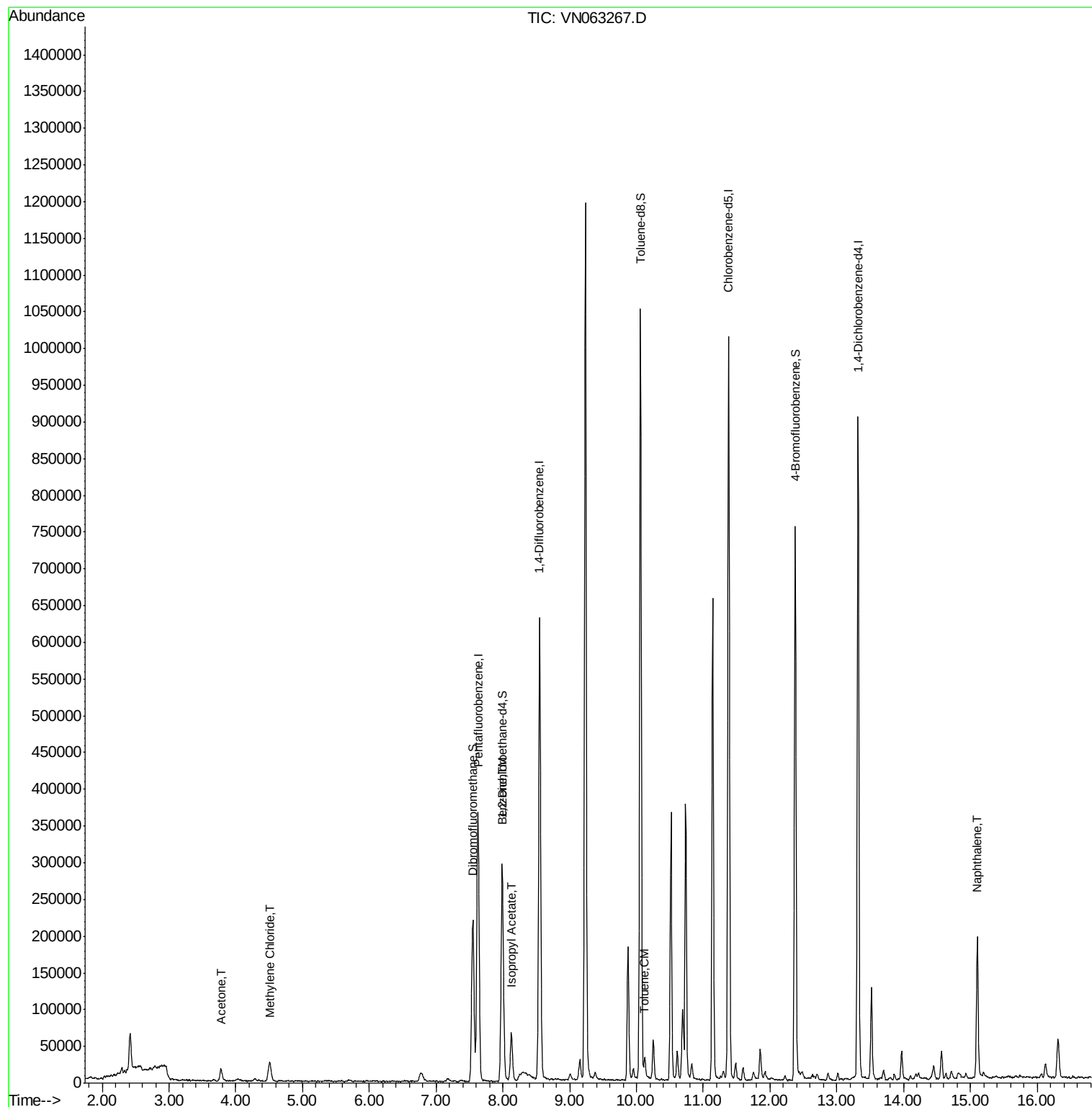
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	279898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	545620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	543394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	218673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	217149	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	7.55	113	165170	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	10.06	98	697883	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.38	95	246690	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
Target Compounds						
16) Acetone	3.78	43	27613	21.230	ug/l	98
20) Methylene Chloride	4.51	84	19011	4.753	ug/l	93
40) Benzene	8.00	78	50121	3.252	ug/l	94
43) Isopropyl Acetate	8.13	43	81925	9.577	ug/l #	92
52) Toluene	10.12	92	11677	1.216	ug/l	86
95) Naphthalene	15.11	128	160127	12.704	ug/l	98

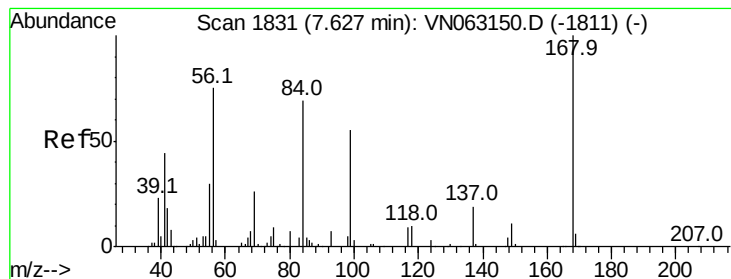
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090420\
Data File : VN063267.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
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: VN063267.D

Acq: 5 Sep 2020 4:24

Instrument :

MSVOA_N

ClientSampleId :

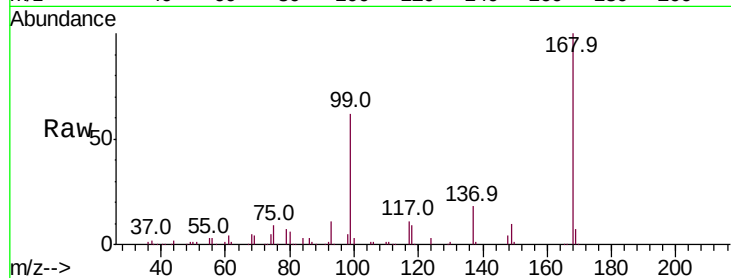
TP-3

Tot Ion:168 Resp: 279898

Ion Ratio Lower Upper

168 100

99 62.2 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): VN063150.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN063150.D (-1811) (-)

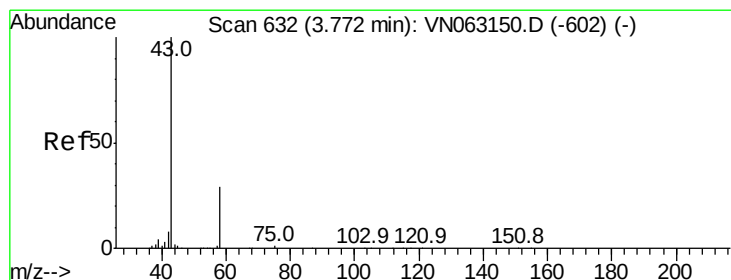
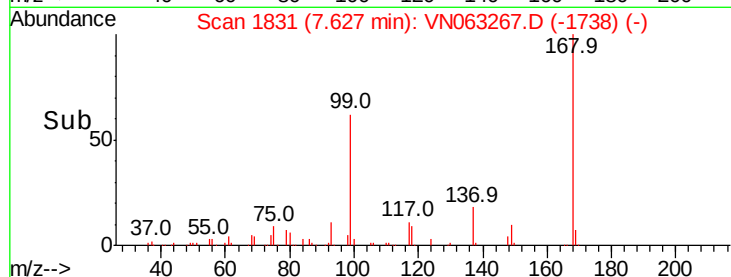
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 21.230 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063267.D

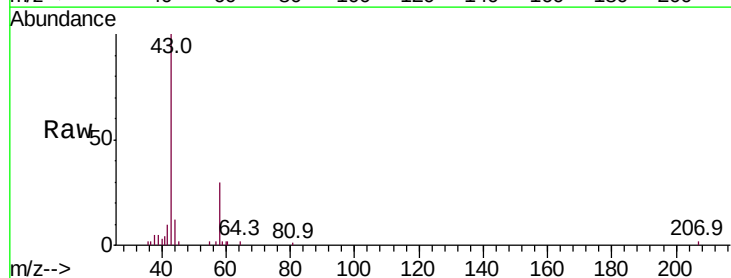
Acq: 5 Sep 2020 4:24

Tgt Ion: 43 Resp: 27613

Ion Ratio Lower Upper

43 100

58 30.0 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN063150.D (-602) (-)

3.78

12000

10000

8000

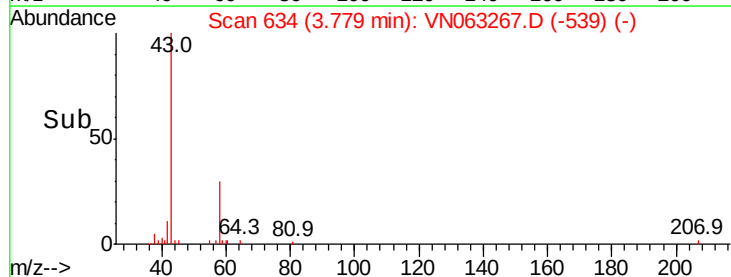
6000

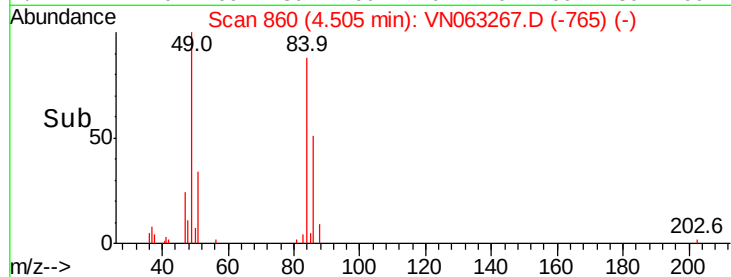
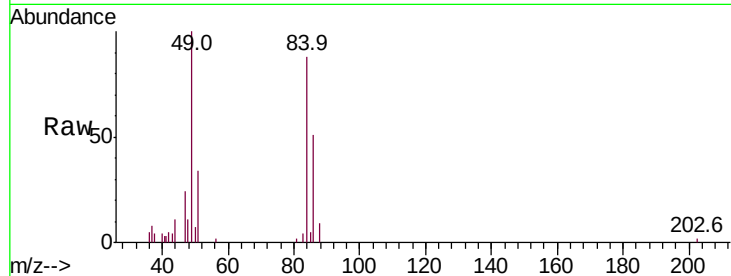
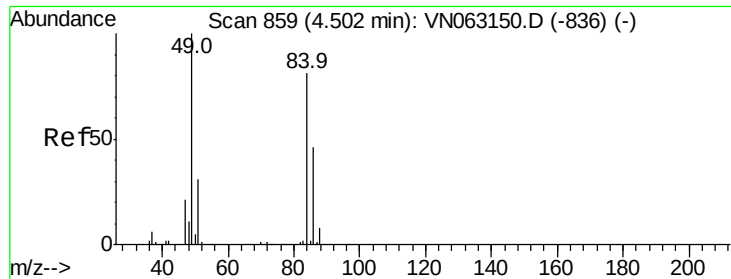
4000

2000

0

Time--> 3.70 3.75 3.80 3.85

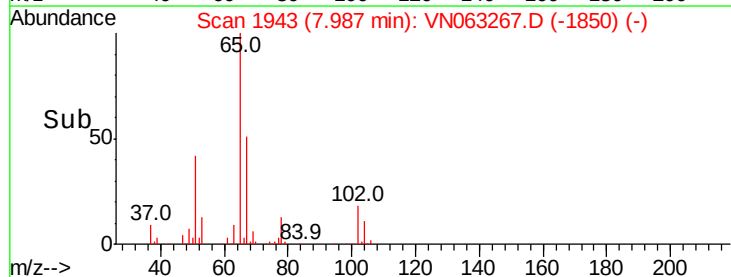
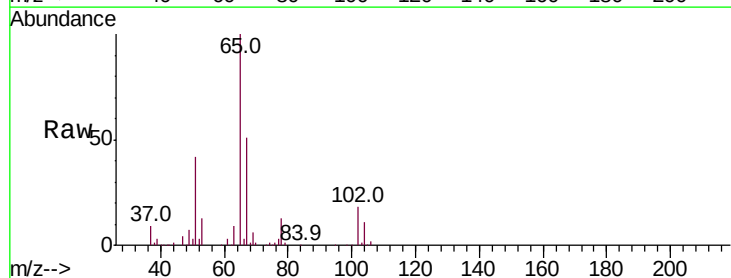
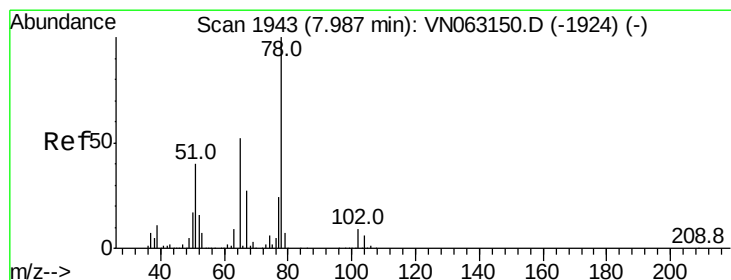
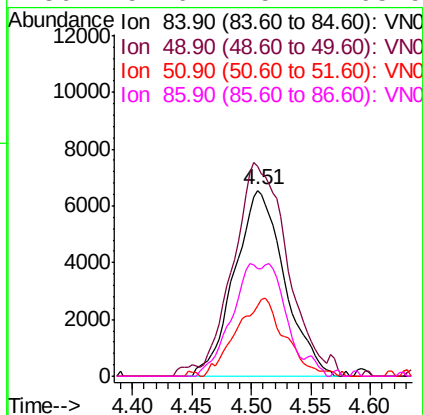




#20
Methylene Chloride
Concen: 4.753 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063267.D
Acq: 5 Sep 2020 4:24

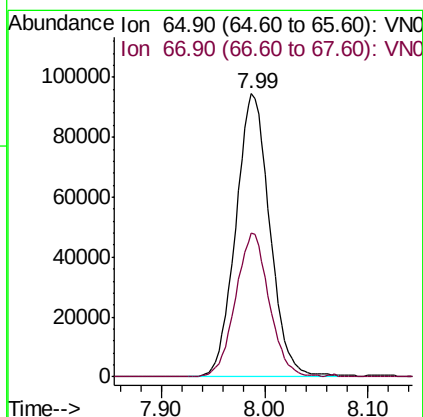
Instrument :
MSVOA_N
ClientSampleId :
TP-3

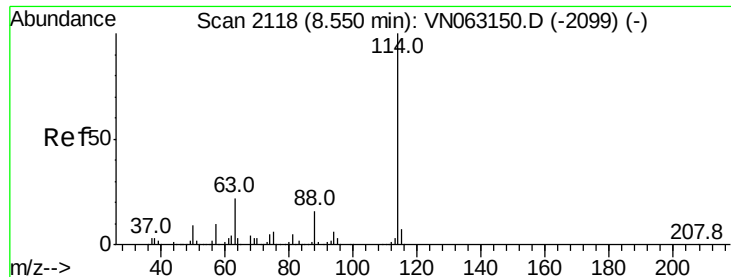
Tot Ion:	84	Resp:	19011
Ion	Ratio	Lower	Upper
84	100		
49	110.0	98.4	147.6
51	38.2	30.4	45.6
86	57.6	45.7	68.5



#33
1,2-Dichloroethane-d4
Concen: 47.459 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063267.D
Acq: 5 Sep 2020 4:24

Tgt Ion:	65	Resp:	217149
Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	104.4

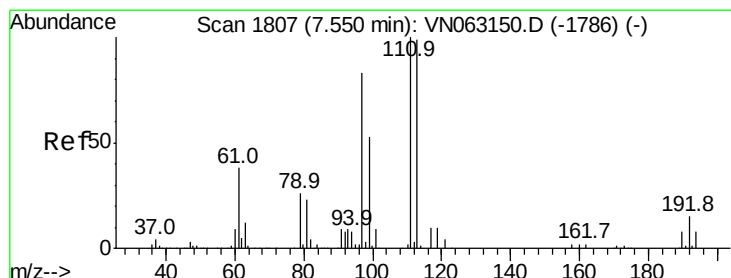
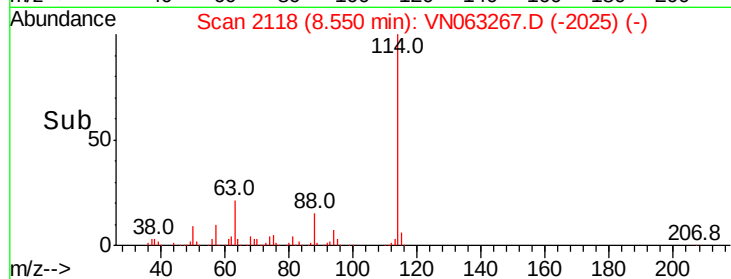
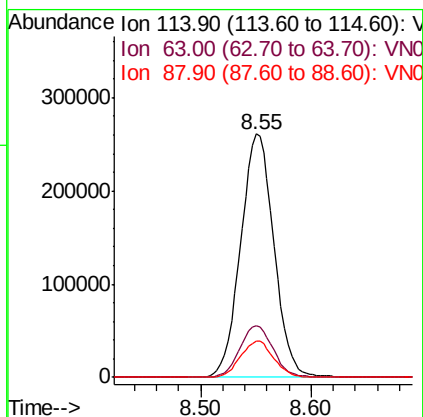
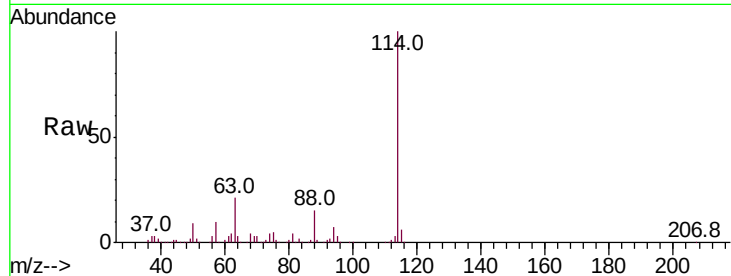




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063267.D
Acq: 5 Sep 2020 4:24

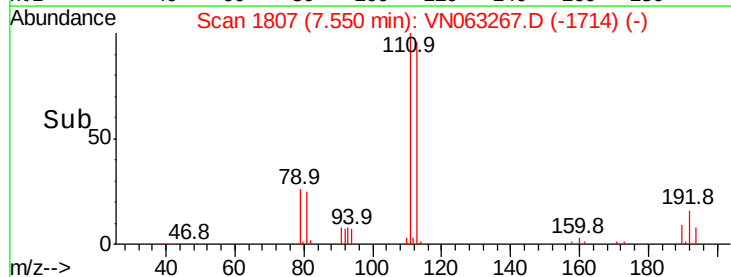
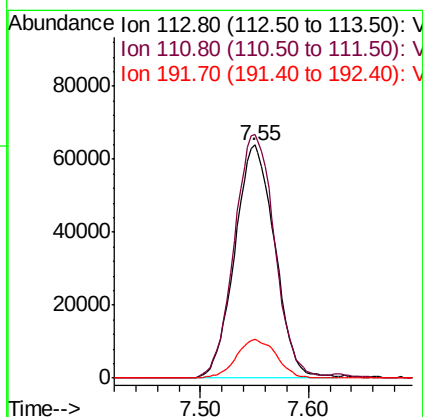
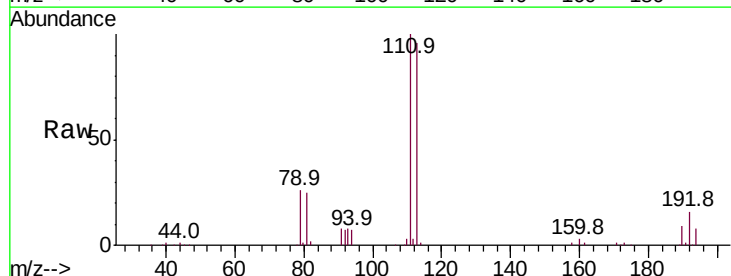
Instrument :
MSVOA_N
ClientSampleId :
TP-3

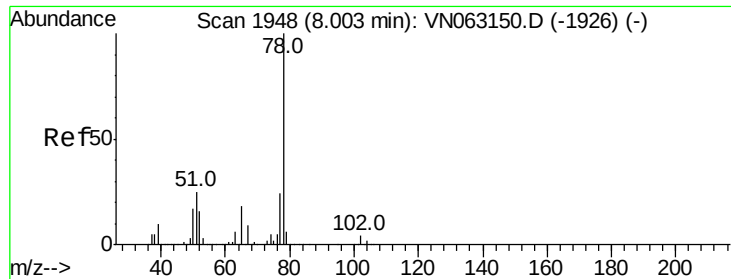
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.0
88	14.8	0.0	31.6



#35
Dibromofluoromethane
Concen: 47.186 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063267.D
Acq: 5 Sep 2020 4:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.4	80.7	121.1
192	16.6	12.6	19.0





#40

Benzene

Concen: 3.252 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063267.D

Acq: 5 Sep 2020 4:24

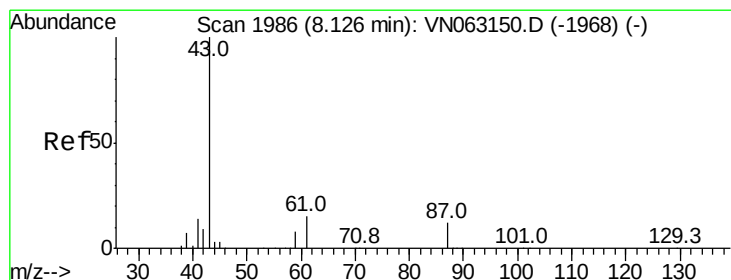
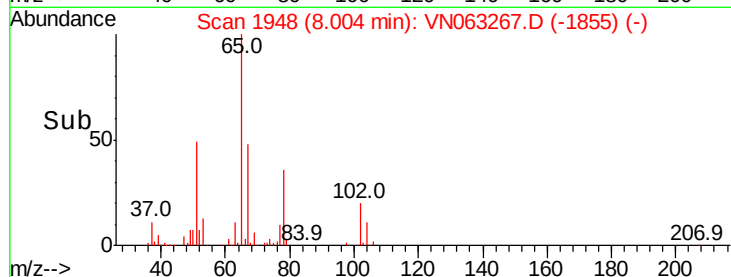
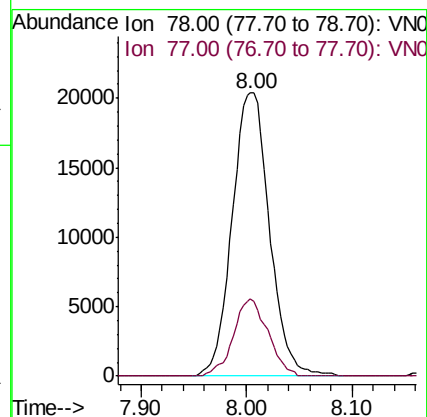
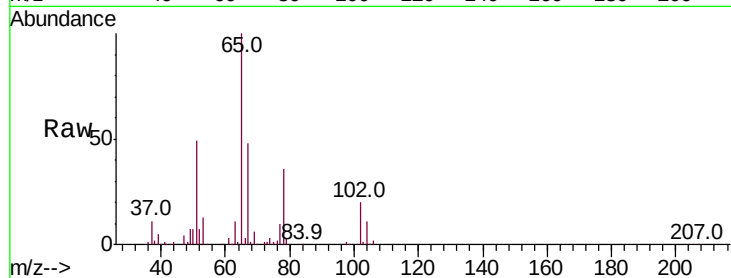
Instrument :
MSVOA_N
ClientSampled :
TP-3

Tot Ion: 78 Resp: 50121

Ion Ratio Lower Upper

78 100

77 27.2 19.3 28.9



#43

Isopropyl Acetate

Concen: 9.577 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063267.D

Acq: 5 Sep 2020 4:24

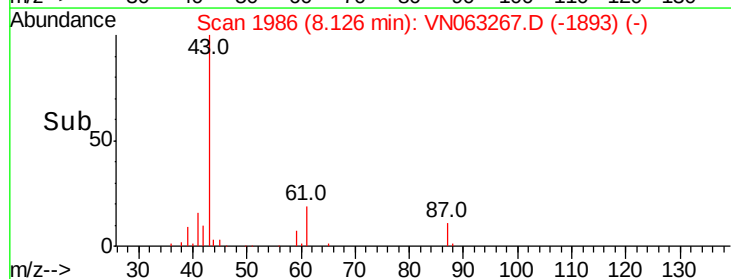
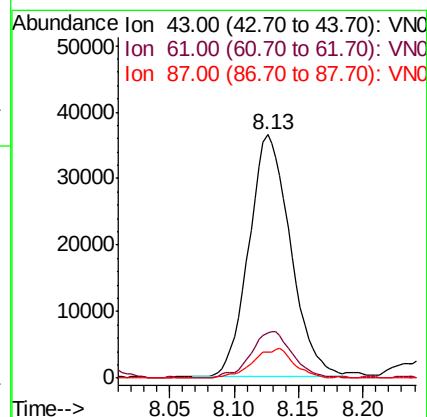
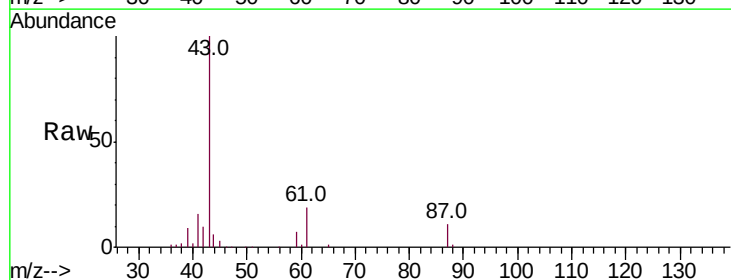
Tgt Ion: 43 Resp: 81925

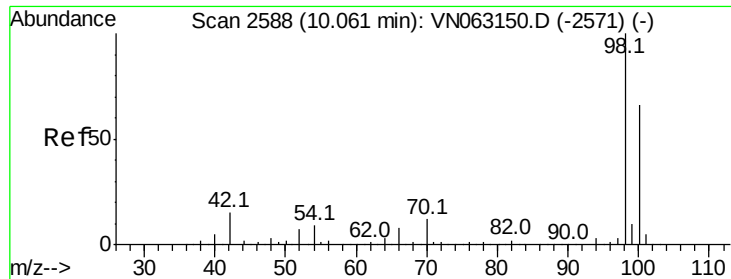
Ion Ratio Lower Upper

43 100

61 19.3 20.2 30.4#

87 12.0 9.8 14.6





#50

Toluene-d8

Concen: 51.798 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063267.D

Acq: 5 Sep 2020 4:24

Instrument :

MSVOA_N

ClientSampled :

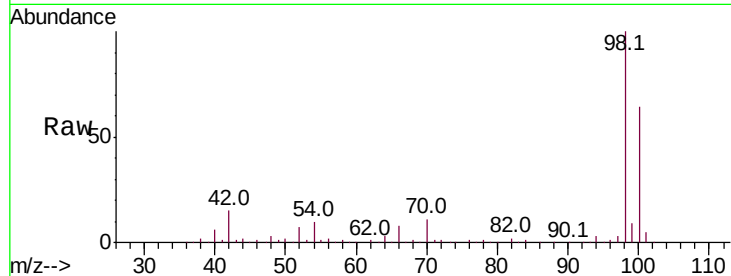
TP-3

Tot Ion: 98 Resp: 697883

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN063150.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063267.D (-2495) (-)

10.06

400000

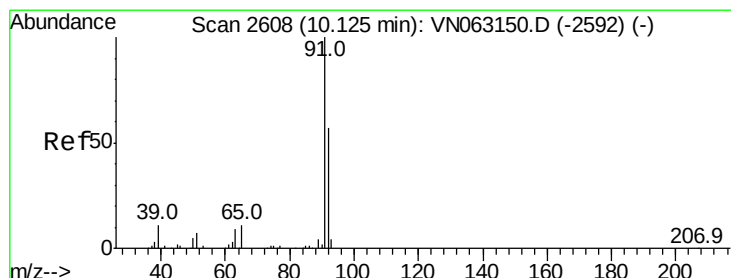
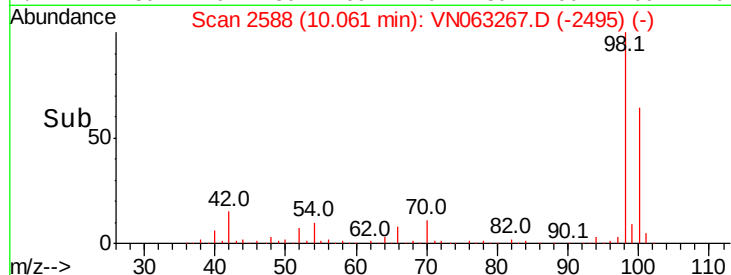
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 1.216 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063267.D

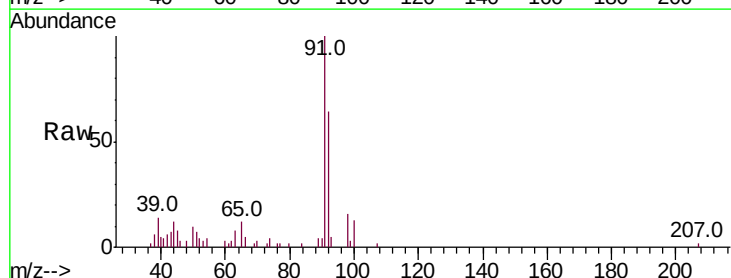
Acq: 5 Sep 2020 4:24

Tgt Ion: 92 Resp: 11677

Ion Ratio Lower Upper

92 100

91 156.2 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063150.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063267.D (-2515) (-)

10.12

10000

8000

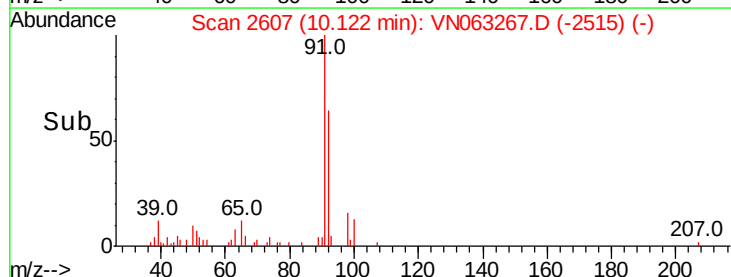
6000

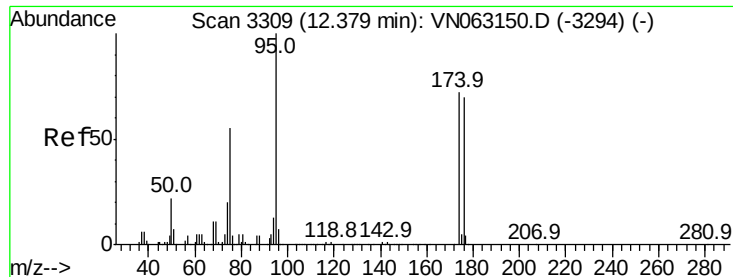
4000

2000

0

Time-->

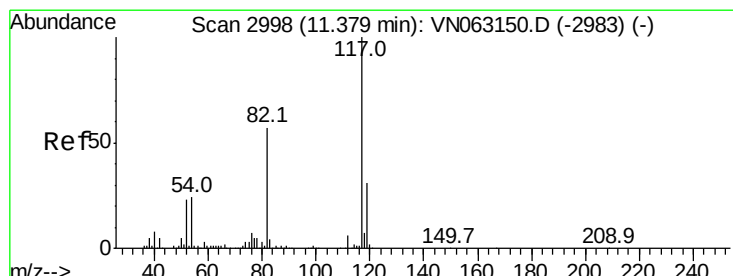
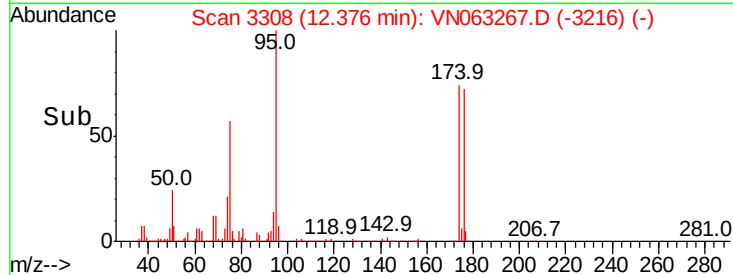
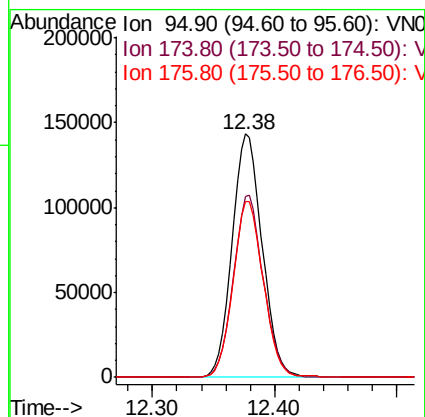
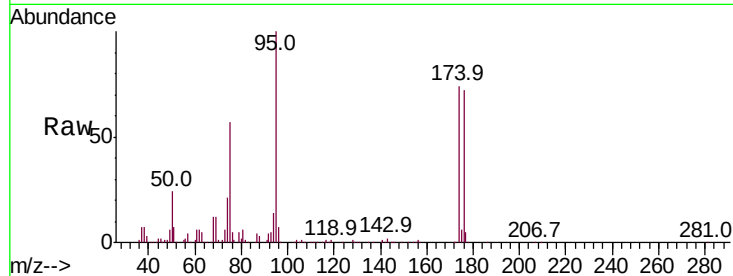




#62
4-Bromofluorobenzene
Concen: 52.343 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063267.D
Acq: 5 Sep 2020 4:24

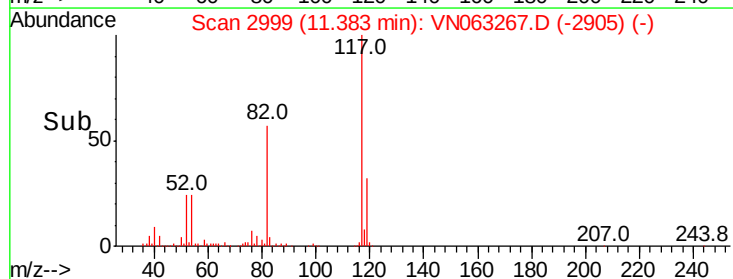
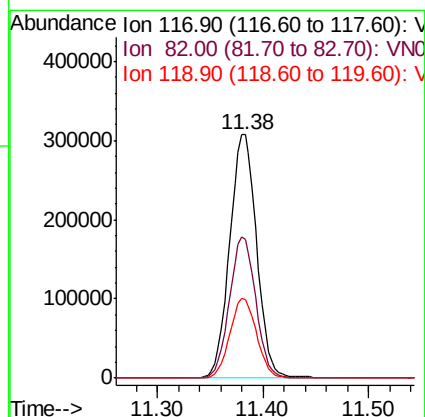
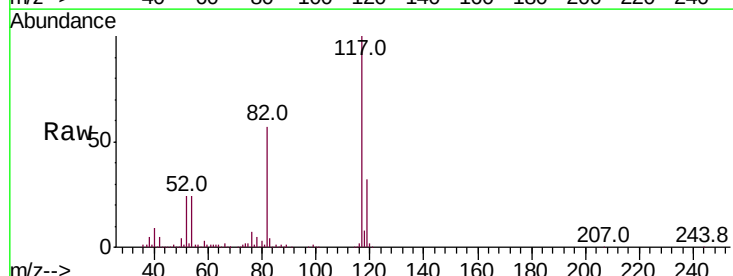
Instrument :
MSVOA_N
ClientSampled :
TP-3

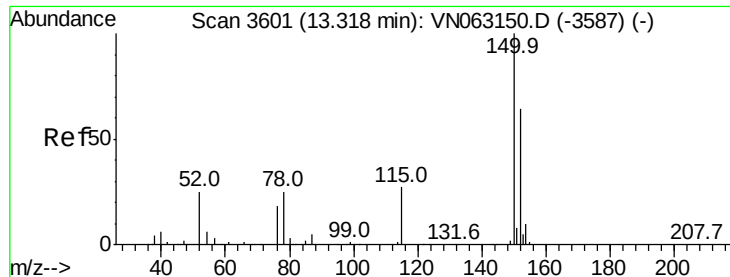
Tot Ion: 95 Resp: 246690
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 72.3 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063267.D
Acq: 5 Sep 2020 4:24

Tgt Ion: 117 Resp: 543394
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.0
119 32.1 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063267.D

Acq: 5 Sep 2020 4:24

Instrument :

MSVOA_N

ClientSampleId :

TP-3

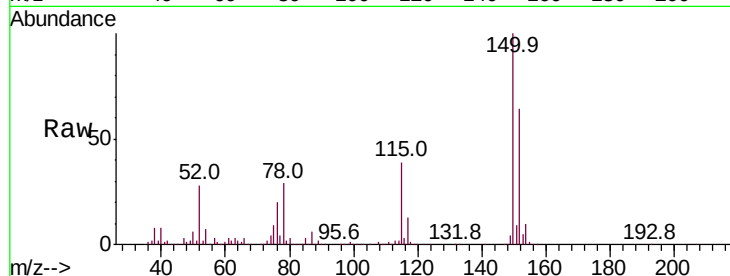
Tot Ion:152 Resp: 218673

Ion Ratio Lower Upper

152 100

115 60.7 32.0 96.2

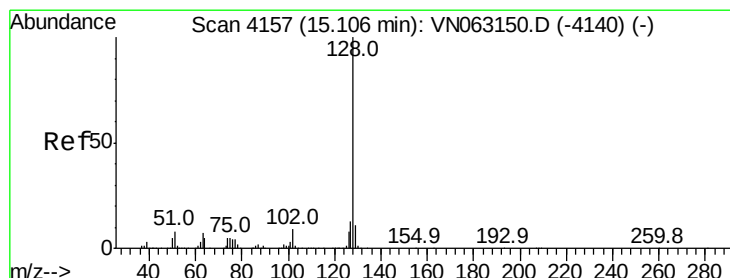
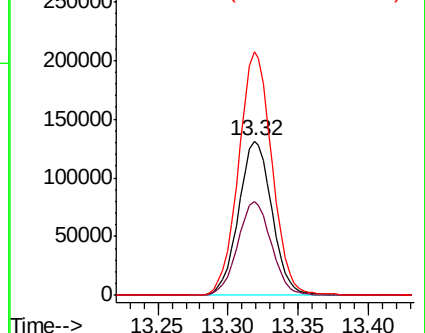
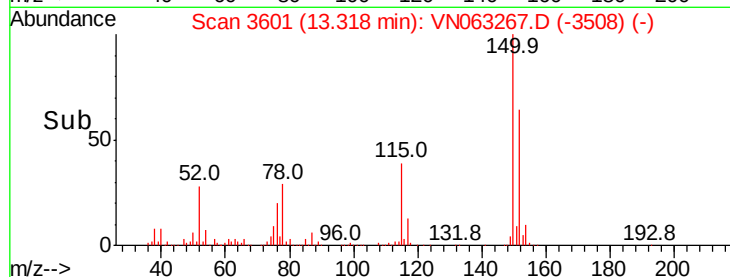
150 157.4 0.0 353.0



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



#95

Naphthalene

Concen: 12.704 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063267.D

Acq: 5 Sep 2020 4:24

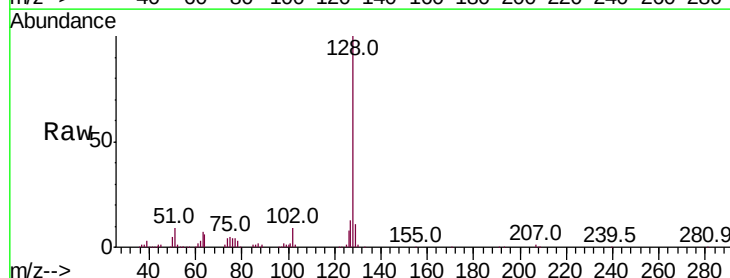
Tgt Ion:128 Resp: 160127

Ion Ratio Lower Upper

128 100

127 14.2 10.5 15.7

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

