

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061367.D
 Acq On : 8 May 2020 17:19
 Operator : JC/MD
 Sample : PB128729ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128729ZHE#03

Quant Time: May 11 04:26:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

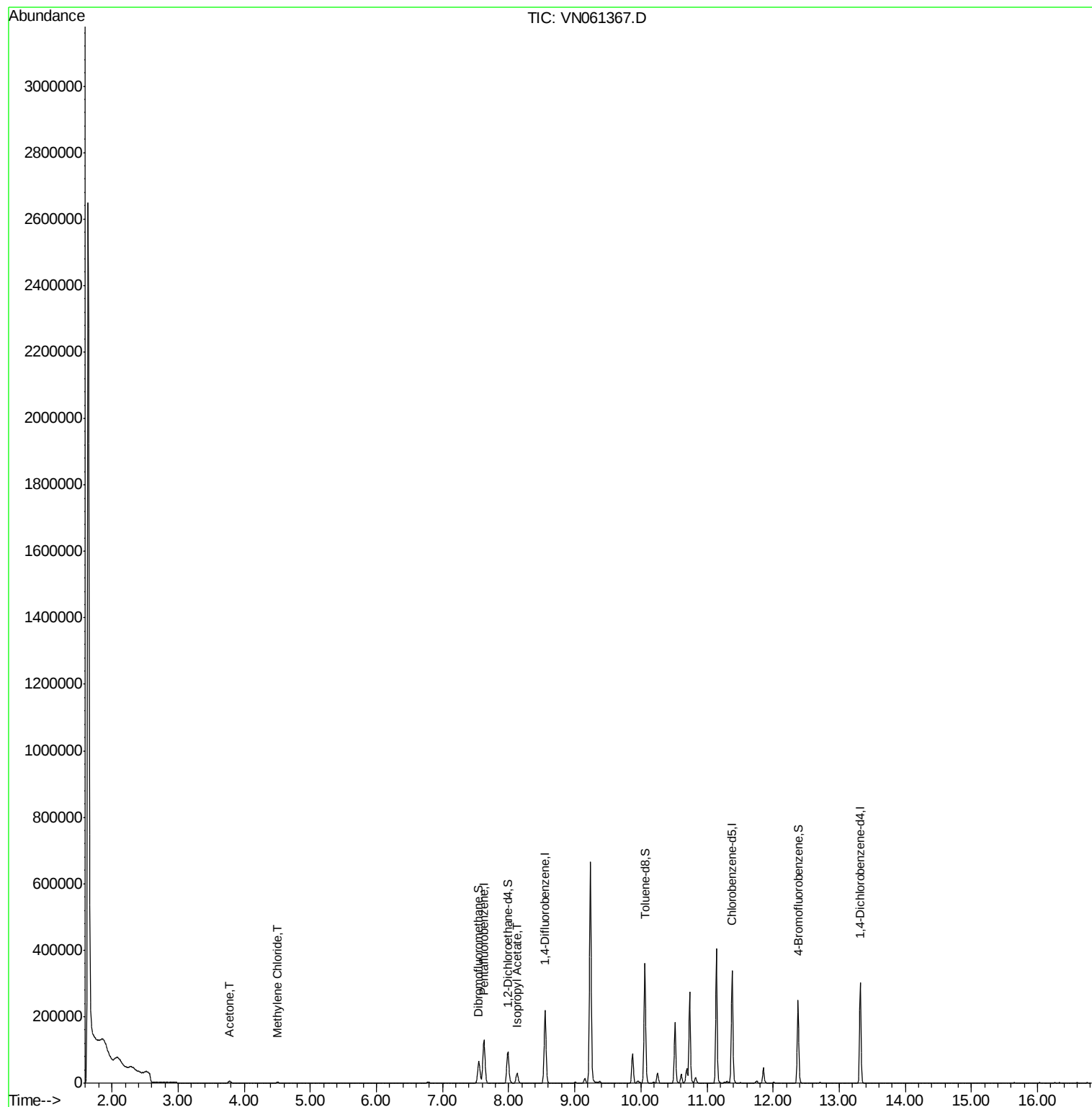
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	96917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	179018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	178826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	73568	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	81867	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
35) Dibromofluoromethane	7.55	113	49877	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
50) Toluene-d8	10.06	98	230513	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
62) 4-Bromofluorobenzene	12.38	95	84783	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
Target Compounds						
16) Acetone	3.78	43	9619	10.935	ug/l	97
20) Methylene Chloride	4.51	84	1550	1.296	ug/l	93
43) Isopropyl Acetate	8.13	43	38012	10.902	ug/l #	91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061367.D

Acq: 8 May 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

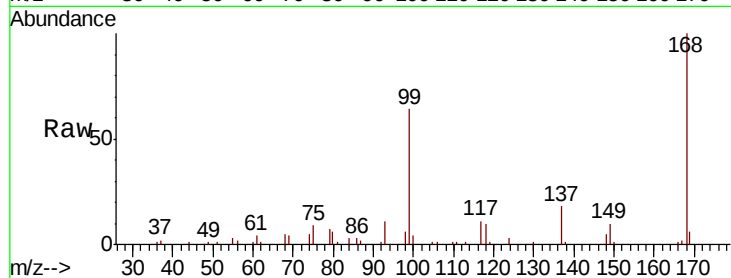
PB128729ZHE#03

Tot Ion:168 Resp: 96917

Ion Ratio Lower Upper

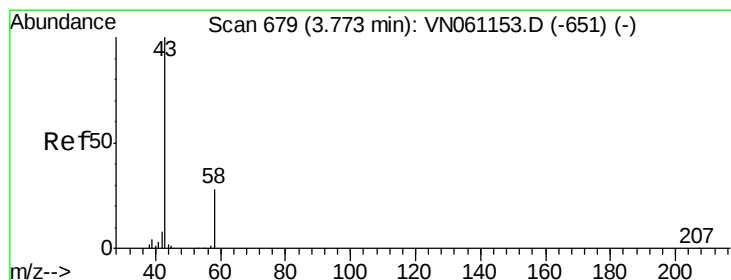
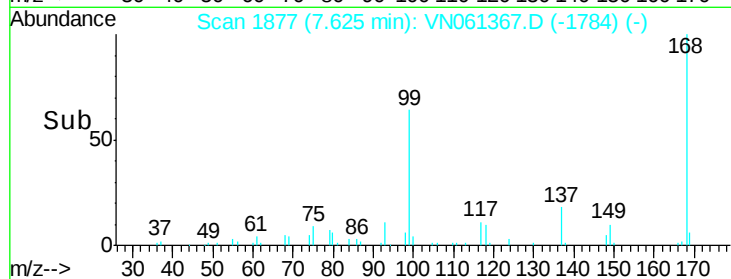
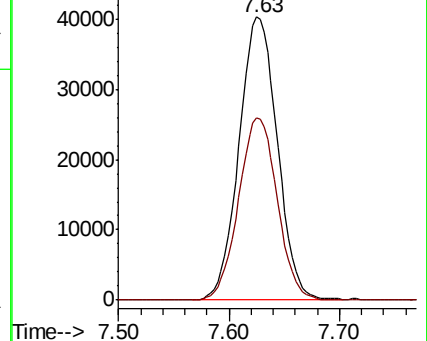
168 100

99 64.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 10.935 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061367.D

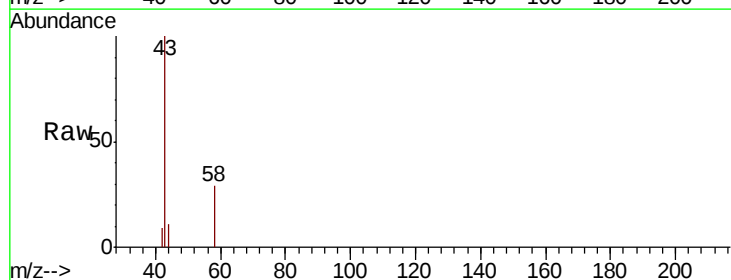
Acq: 8 May 2020 17:19

Tgt Ion: 43 Resp: 9619

Ion Ratio Lower Upper

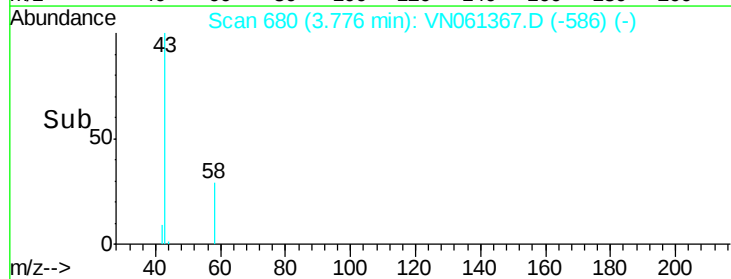
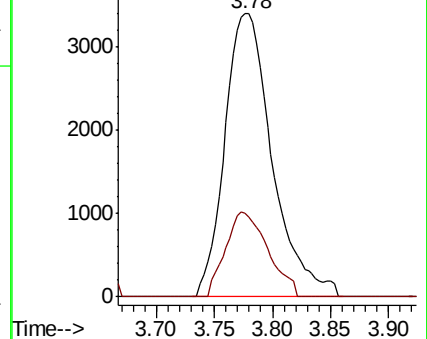
43 100

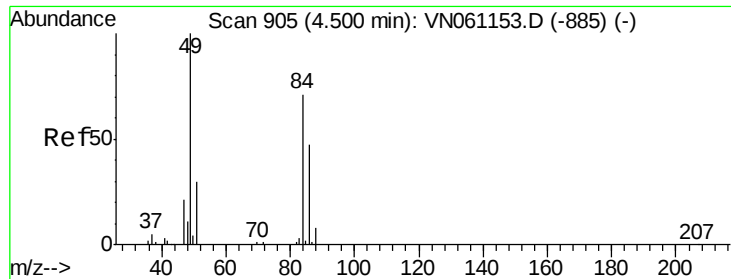
58 29.4 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

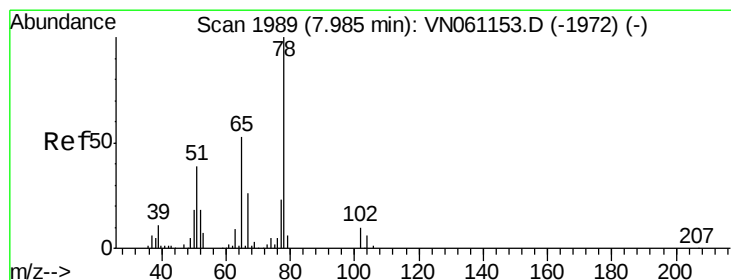
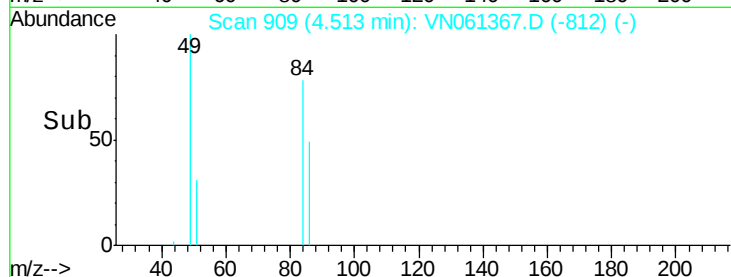
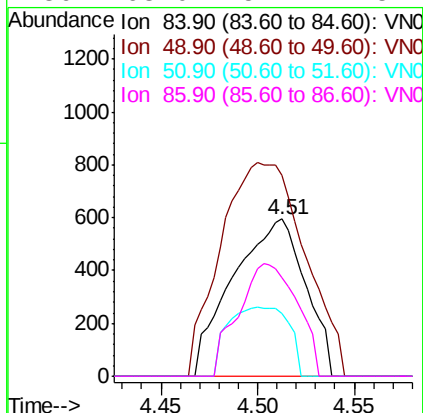
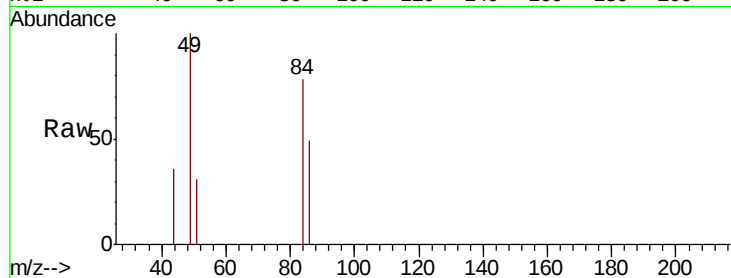




#20
Methvlene Chloride
Concen: 1.296 ug/l
RT: 4.51 min Scan# 909
Delta R.T. 0.01 min
Lab File: VN061367.D
Acq: 8 May 2020 17:19

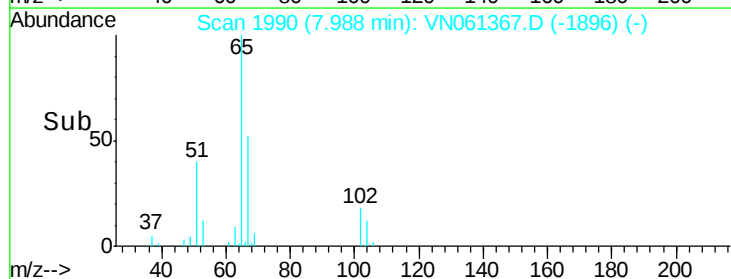
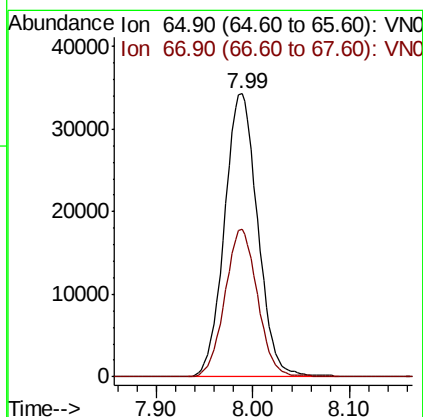
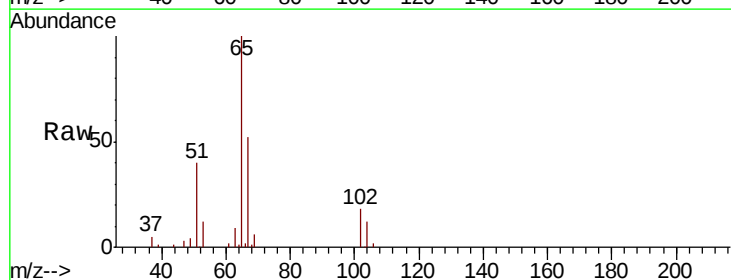
Instrument :
MSVOA_N
ClientSampleId :
PB128729ZHE#03

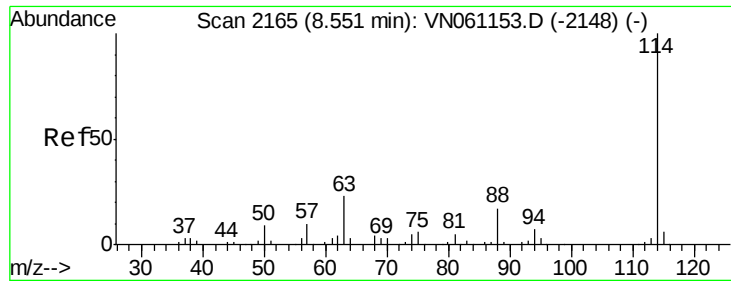
Tot Ion: 84 Resp: 1550
Ion Ratio Lower Upper
84 100
49 127.6 112.0 168.0
51 40.2 33.6 50.4
86 63.0 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 53.385 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061367.D
Acq: 8 May 2020 17:19

Tgt Ion: 65 Resp: 81867
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.6

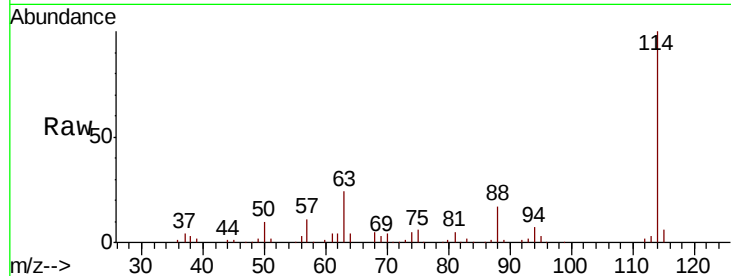




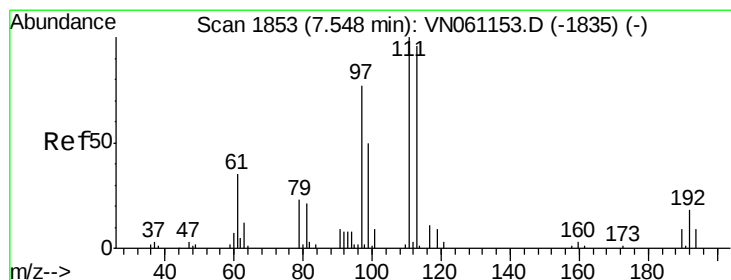
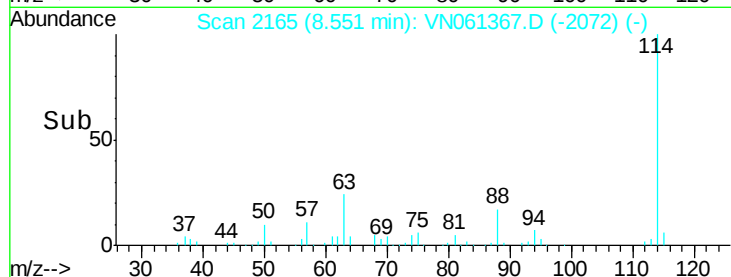
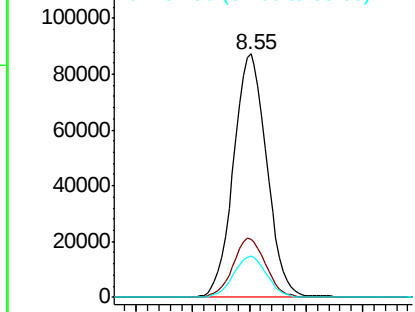
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061367.D
 Acq: 8 May 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128729ZHE#03

Tot Ion:114 Resp: 179018
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 46.6
 88 16.7 0.0 33.4

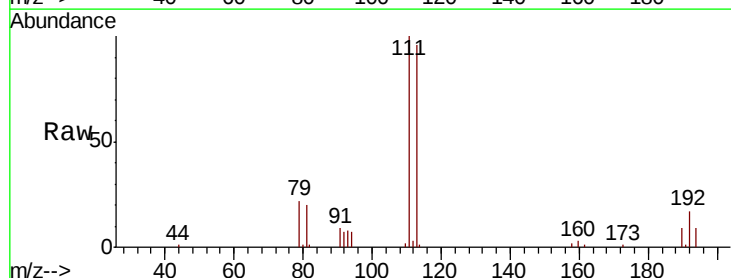


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

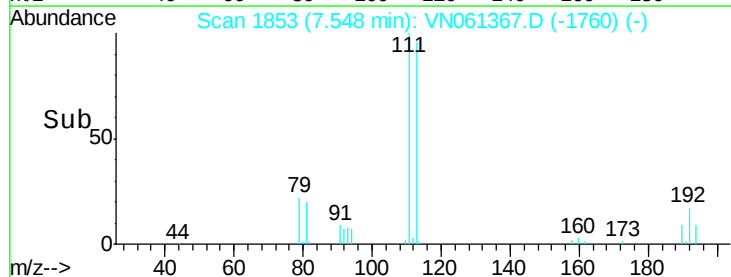
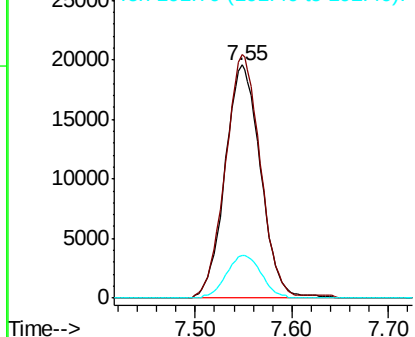


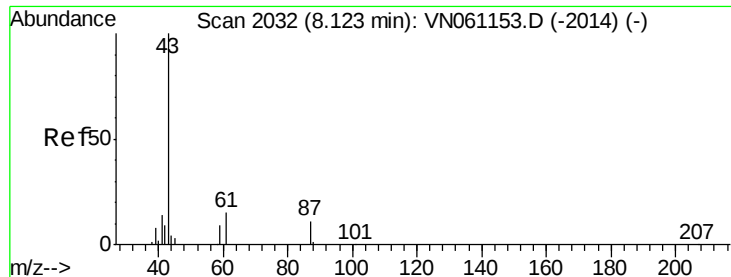
#35
 Dibromofluoromethane
 Concen: 47.117 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061367.D
 Acq: 8 May 2020 17:19

Tgt Ion:113 Resp: 49877
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.9 124.3
 192 18.1 14.7 22.1



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: 10.902 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061367.D

Acq: 8 May 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#03

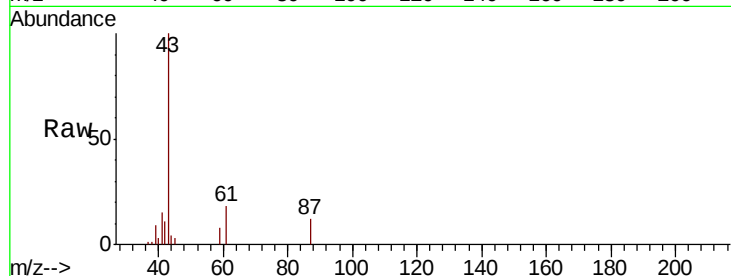
Tot Ion: 43 Resp: 38012

Ion Ratio Lower Upper

43 100

61 17.9 19.5 29.3#

87 10.9 8.9 13.3

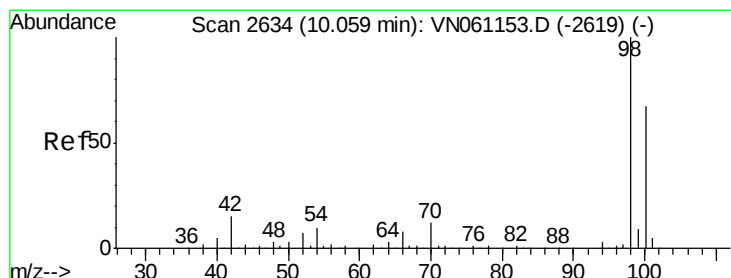
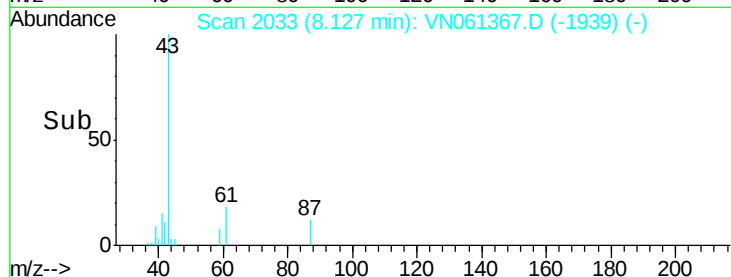


Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)

Time-->



#50

Toluene-d8

Concen: 53.417 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061367.D

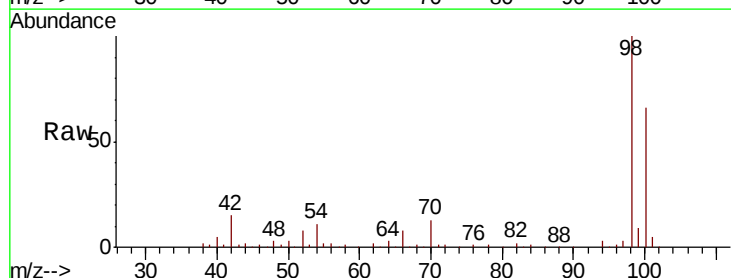
Acq: 8 May 2020 17:19

Tgt Ion: 98 Resp: 230513

Ion Ratio Lower Upper

98 100

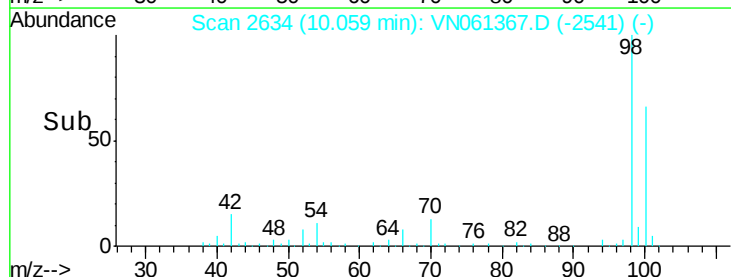
100 65.1 53.4 80.0

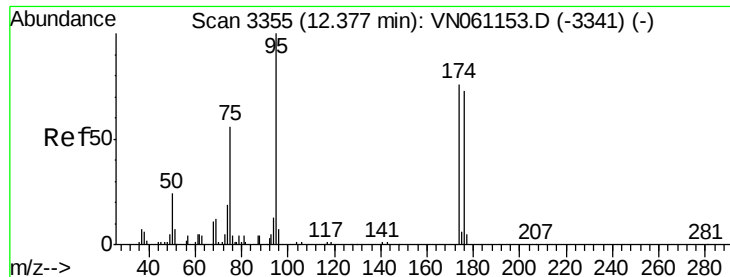


Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)

Time-->





#62

4-Bromofluorobenzene

Concen: 52.209 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061367.D

Acq: 8 May 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#03

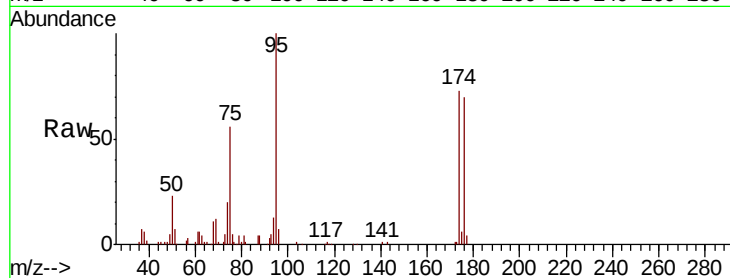
Tot Ion: 95 Resp: 84783

Ion Ratio Lower Upper

95 100

174 73.0 0.0 149.4

176 69.3 0.0 144.8

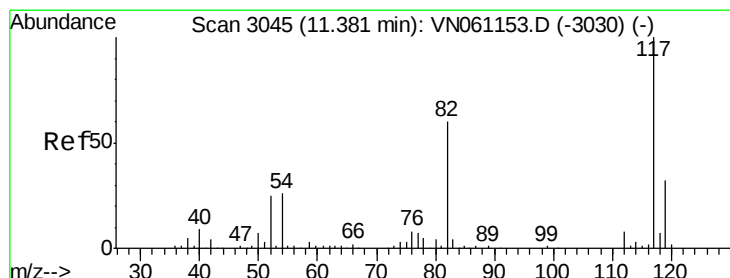
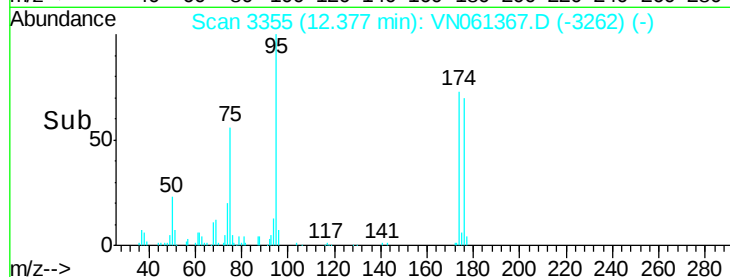


Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

Ion 173.80 (173.50 to 174.50): VN061153.D (-3341) (-)

Ion 175.80 (175.50 to 176.50): VN061153.D (-3341) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061367.D

Acq: 8 May 2020 17:19

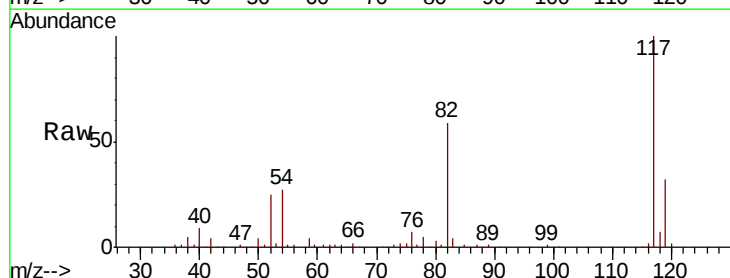
Tgt Ion: 117 Resp: 178826

Ion Ratio Lower Upper

117 100

82 58.5 47.8 71.8

119 31.9 25.8 38.6

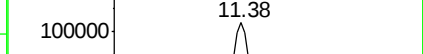
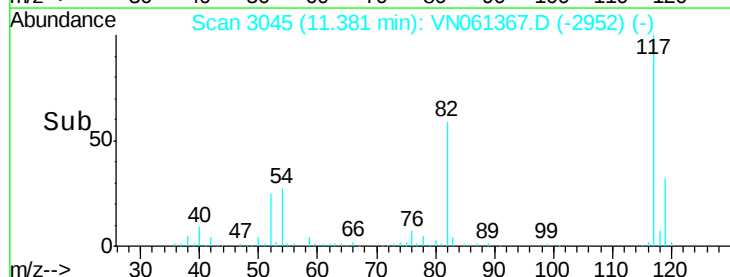


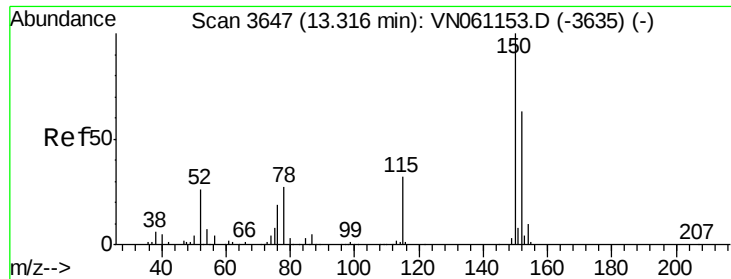
Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

Ion 82.00 (81.70 to 82.70): VN061153.D (-3030) (-)

Ion 118.90 (118.60 to 119.60): VN061153.D (-3030) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061367.D

Acq: 8 May 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#03

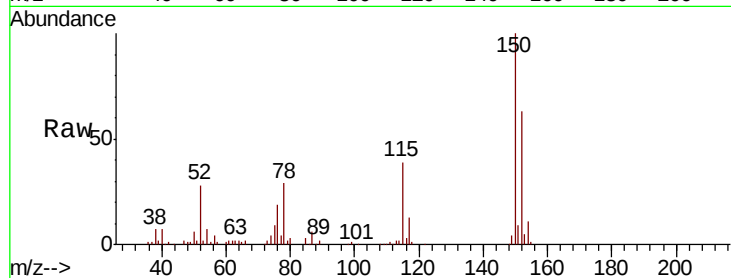
Tot Ion:152 Resp: 73568

Ion Ratio Lower Upper

152 100

115 62.5 31.0 93.0

150 159.7 0.0 351.8



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

