

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061136.D
 Acq On : 22 Apr 2020 18:46
 Operator : JC/MD
 Sample : L2330-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-SO-2020-04-16

Quant Time: Apr 23 08:10:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 15:26:40 2020
 Response via : Initial Calibration

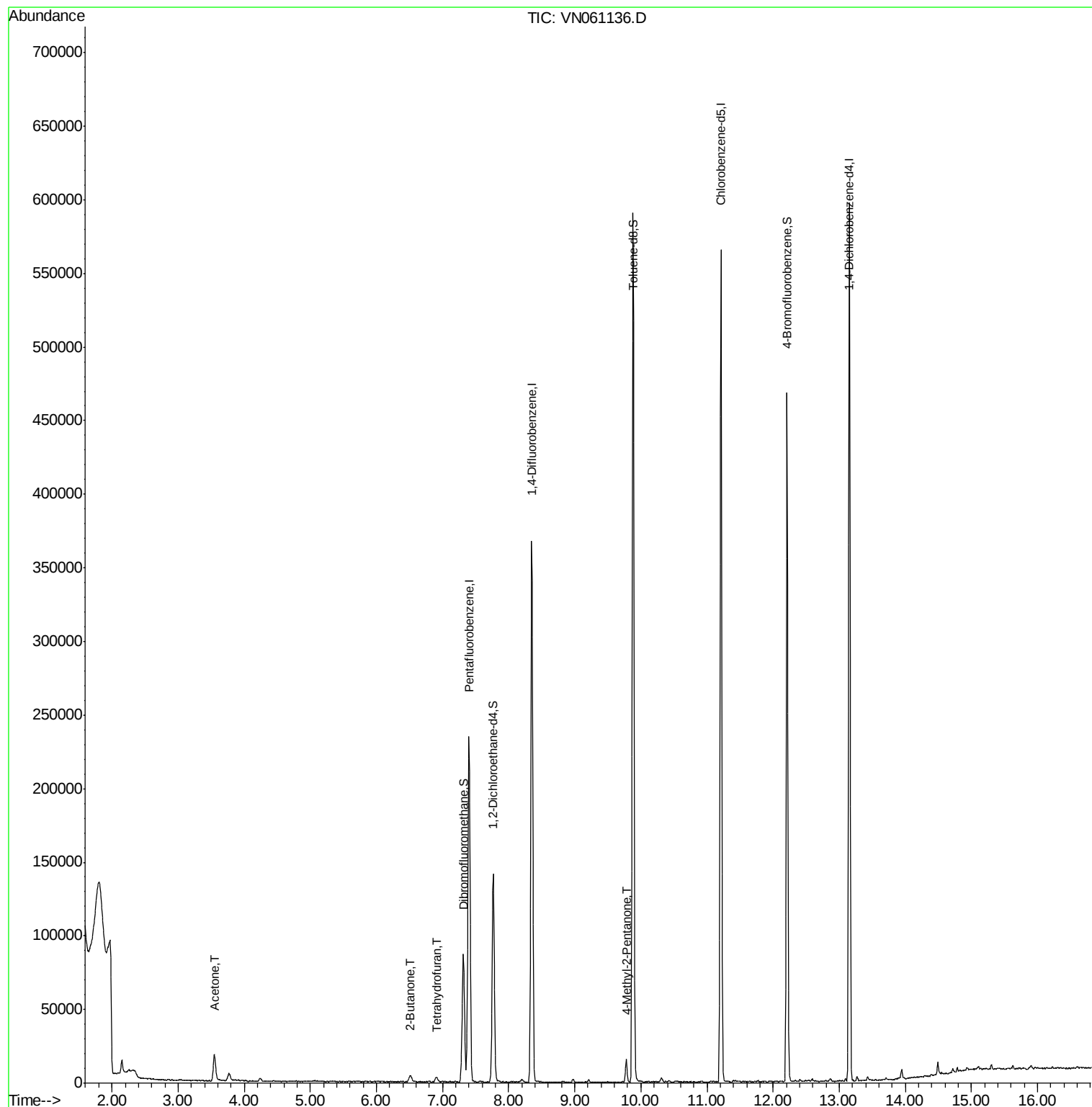
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	196112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	325531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	305455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	149108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.77	65	120734	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
35) Dibromofluoromethane	7.31	113	67403	36.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.56%	
50) Toluene-d8	9.88	98	396299	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.21	95	151130	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
Target Compounds						
16) Acetone	3.55	43	29740	20.772	ug/l	98
25) 2-Butanone	6.52	43	8132	5.739	ug/l	91
29) Tetrahydrofuran	6.91	42	2523	2.586	ug/l	96
51) 4-Methyl-2-Pentanone	9.78	43	10874	3.440	ug/l	96

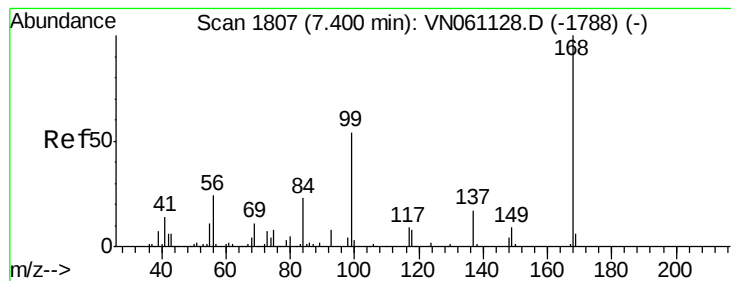
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.40 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN061136.D

Acq: 22 Apr 2020 18:46

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ClientSampleId :

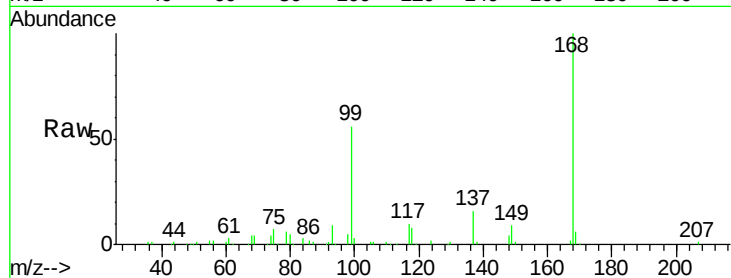
FB-SO-2020-04-16

Tot Ion:168 Resp: 196112

Ion Ratio Lower Upper

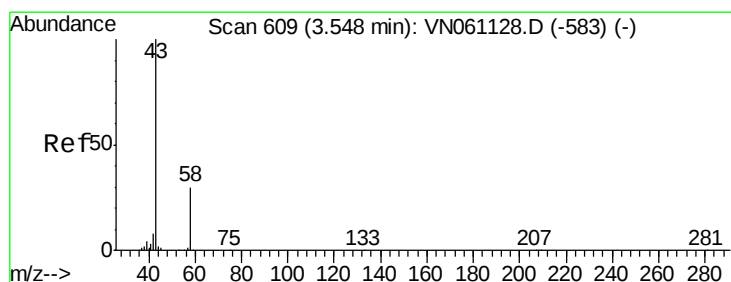
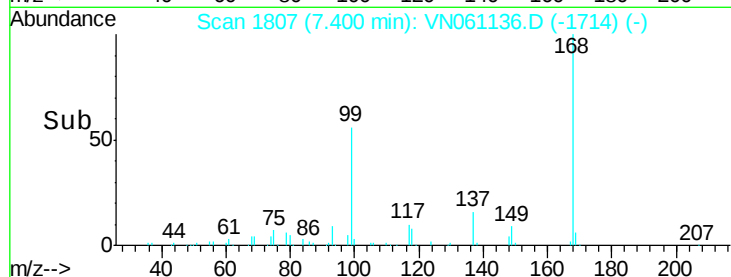
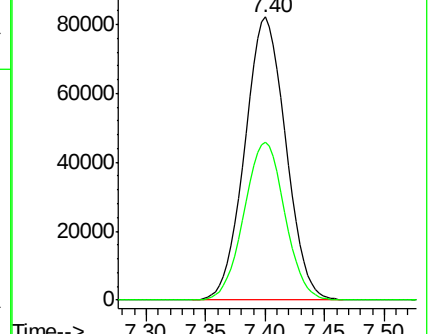
168 100

99 55.6 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 20.772 ug/l

RT: 3.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN061136.D

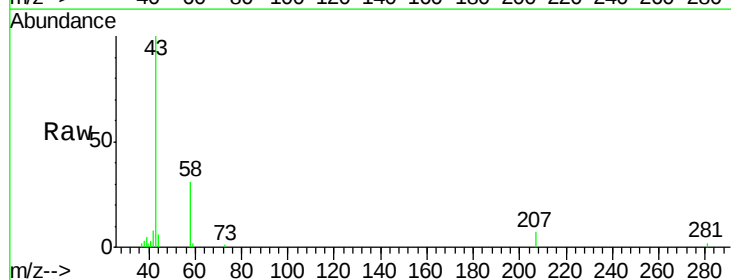
Acq: 22 Apr 2020 18:46

Tgt Ion: 43 Resp: 29740

Ion Ratio Lower Upper

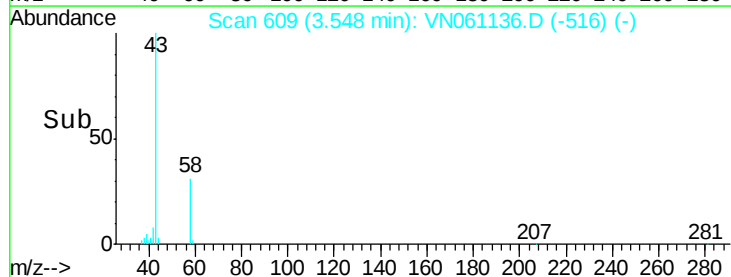
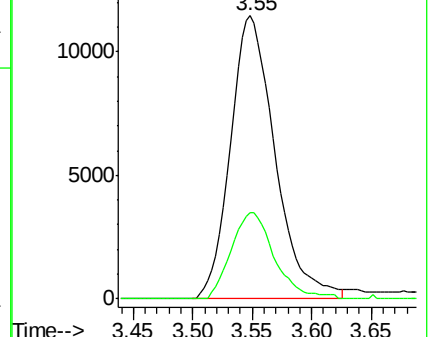
43 100

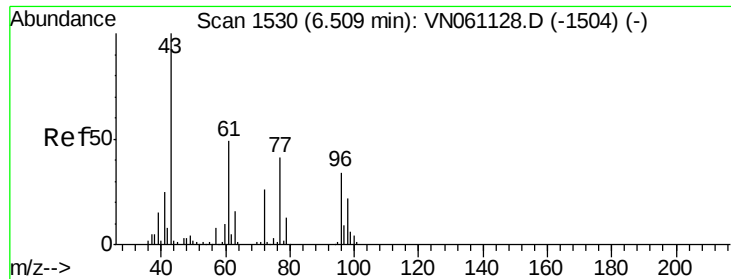
58 30.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

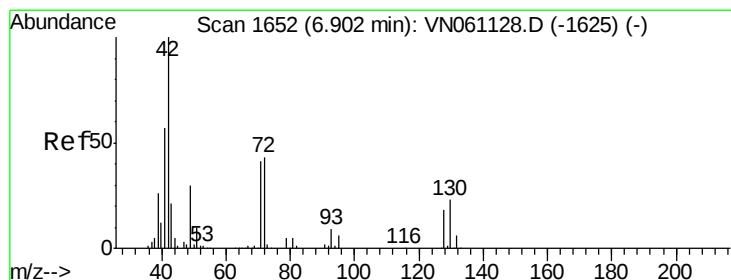
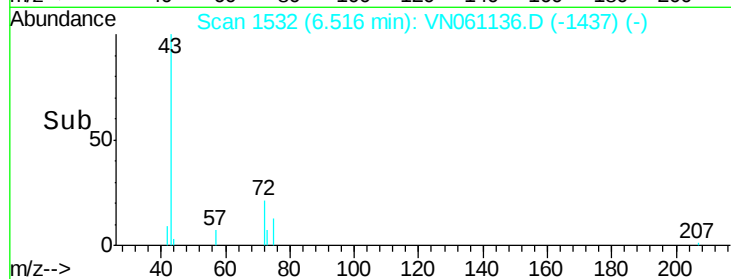
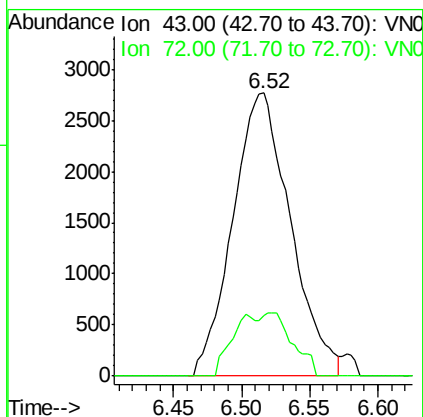
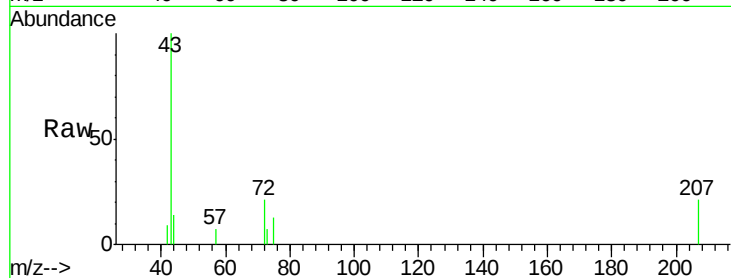




#25
2-Butanone
Concen: 5.739 ug/l
RT: 6.52 min Scan# 1532
Delta R.T. 0.01 min
Lab File: VN061136.D
Acq: 22 Apr 2020 18:46

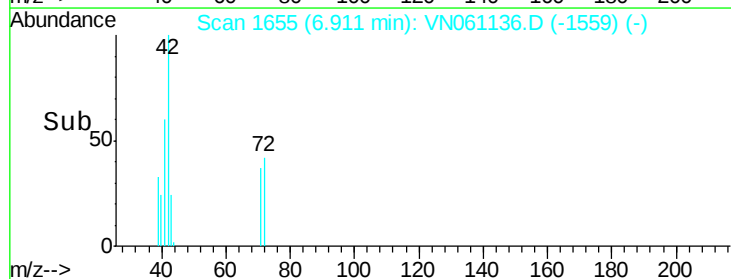
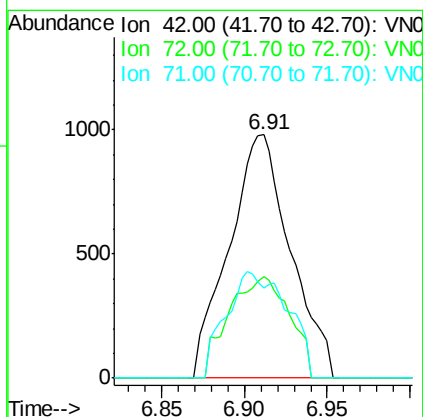
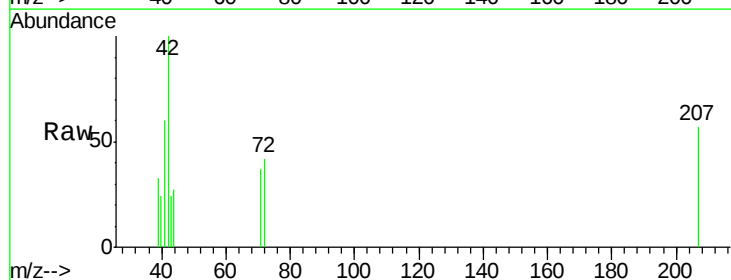
Instrument :
MSVOA_N
ClientSampleId :
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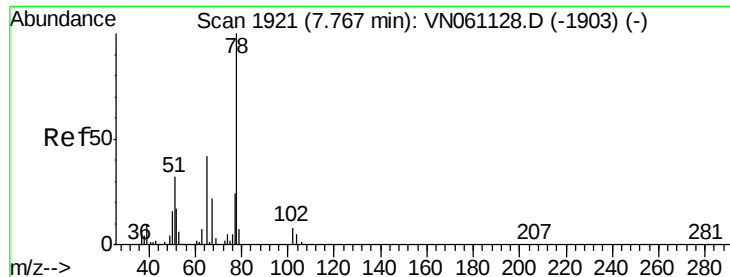
Tot Ion: 43 Resp: 8132
Ion Ratio Lower Upper
43 100
72 21.3 20.8 31.2



#29
Tetrahydrofuran
Concen: 2.586 ug/l
RT: 6.91 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VN061136.D
Acq: 22 Apr 2020 18:46

Tgt Ion: 42 Resp: 2523
Ion Ratio Lower Upper
42 100
72 41.1 35.1 52.7
71 43.7 33.0 49.6

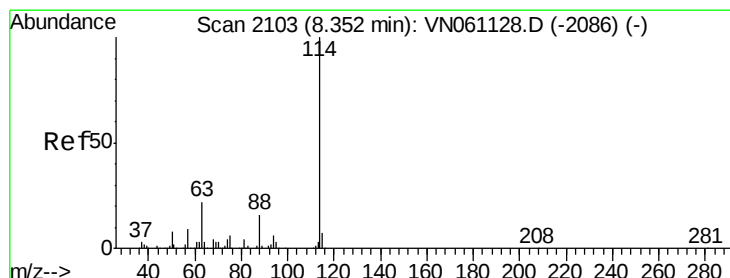
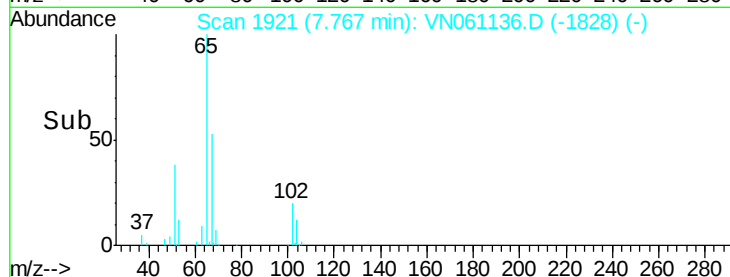
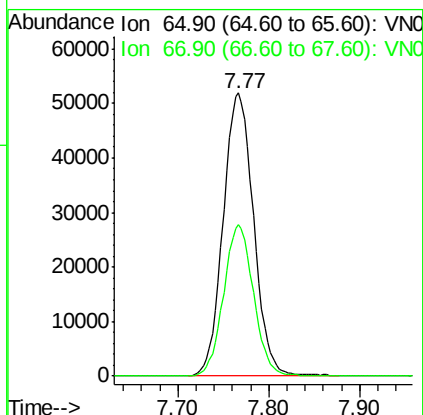
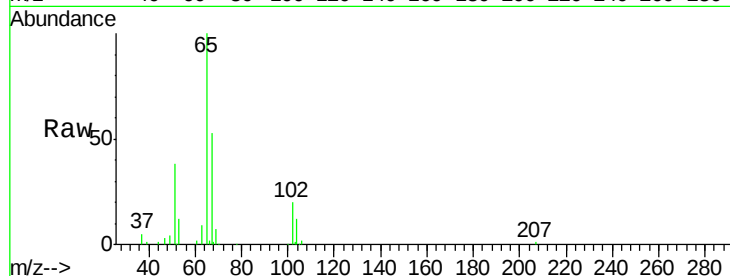




#33
 1,2-Dichloroethane-d4
 Concen: 46.429 ug/l
 RT: 7.77 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VN061136.D
 Acq: 22 Apr 2020 18:46

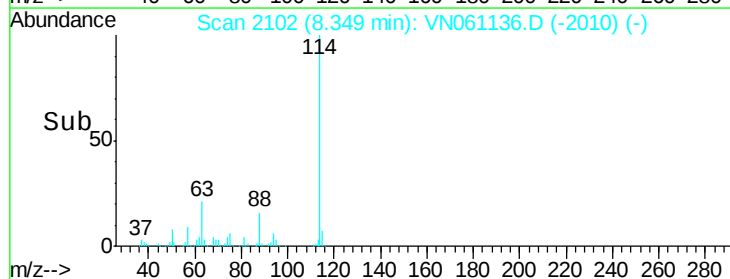
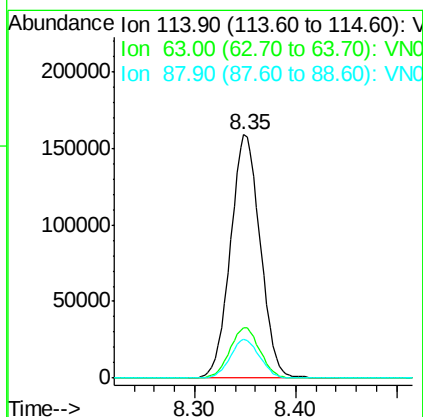
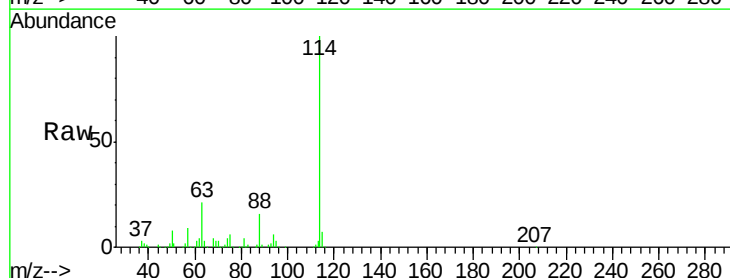
Instrument :
 MSVOA_N
 ClientSampleId :
 FB-SO-2020-04-16

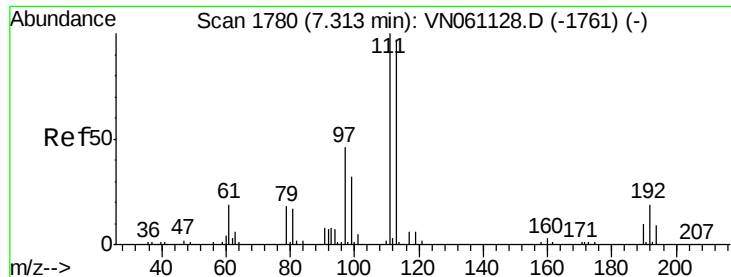
Tot Ion: 65 Resp: 120734
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.35 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: VN061136.D
 Acq: 22 Apr 2020 18:46

Tgt Ion: 114 Resp: 325531
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.2
 88 15.9 0.0 32.4

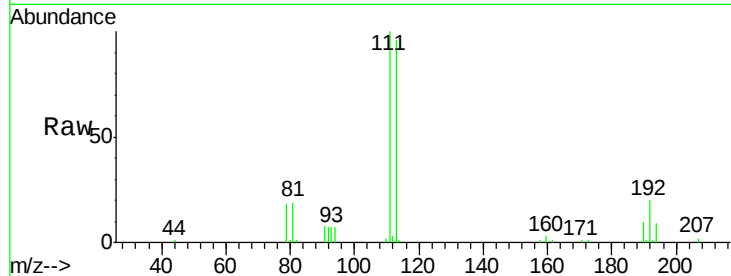




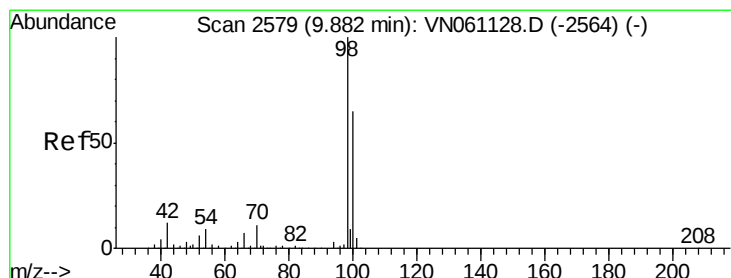
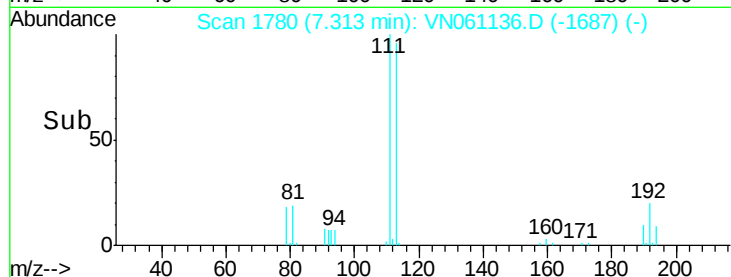
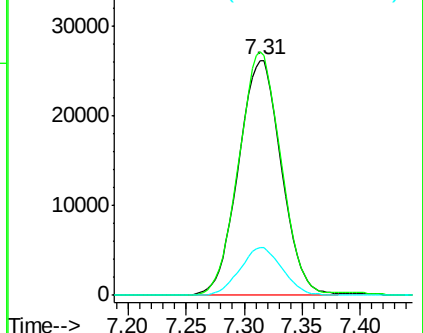
#35
 Dibromofluoromethane
 Concen: 36.282 ug/l
 RT: 7.31 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: VN061136.D
 Acq: 22 Apr 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-SO-2020-04-16

Tot Ion:113 Resp: 67403
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.0 124.6
 192 20.0 15.8 23.6

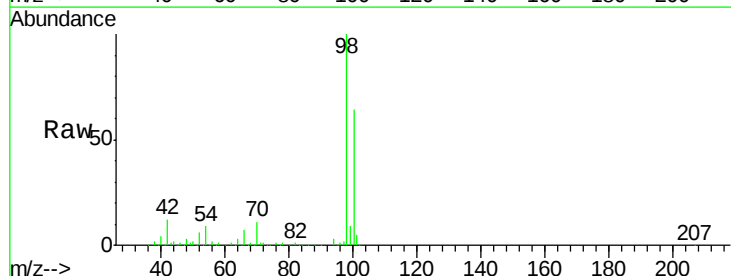


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

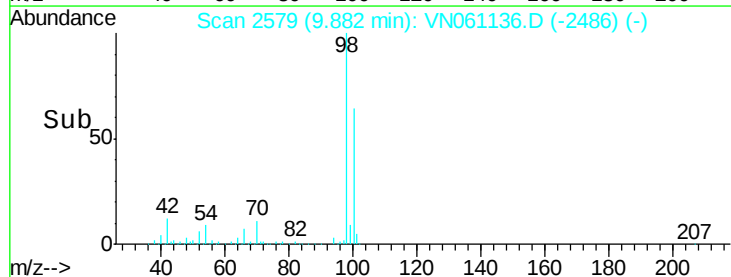
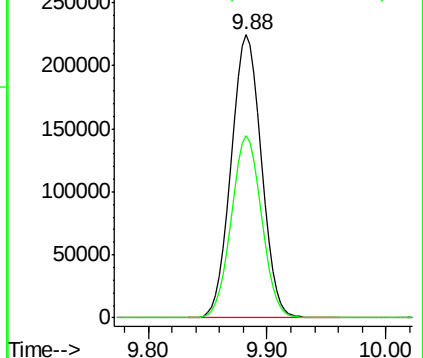


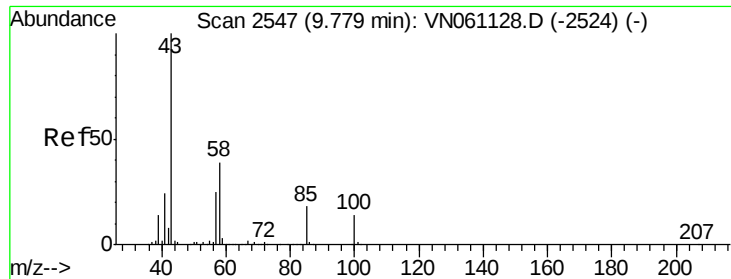
#50
 Toluene-d8
 Concen: 49.781 ug/l
 RT: 9.88 min Scan# 2579
 Delta R.T. 0.00 min
 Lab File: VN061136.D
 Acq: 22 Apr 2020 18:46

Tgt Ion: 98 Resp: 396299
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.8 77.6



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





#51

4-Methyl-2-Pentanone

Concen: 3.440 ug/l

RT: 9.78 min Scan# 2547

Delta R.T. 0.00 min

Lab File: VN061136.D

Acq: 22 Apr 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

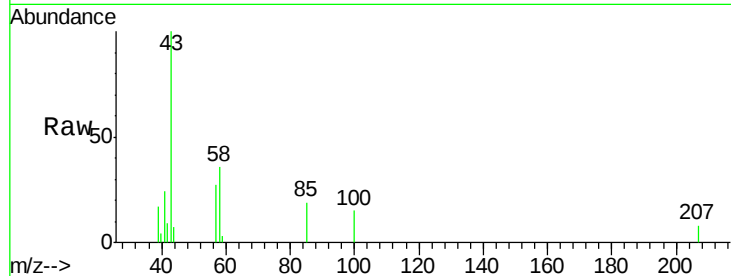
FB-SO-2020-04-16

Tot Ion: 43 Resp: 10874

Ion Ratio Lower Upper

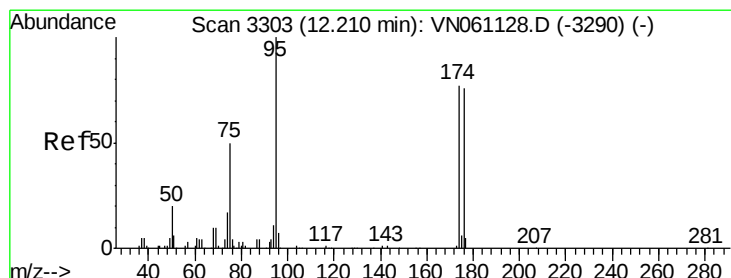
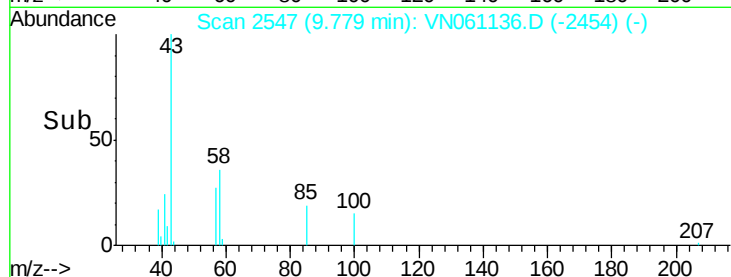
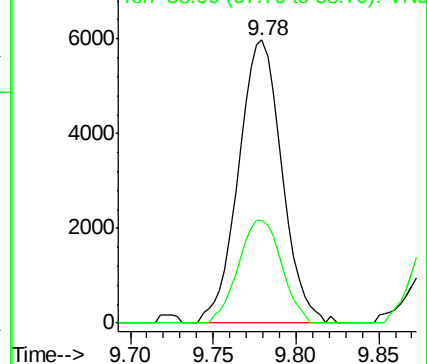
43 100

58 36.2 31.0 46.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 50.690 ug/l

RT: 12.21 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061136.D

Acq: 22 Apr 2020 18:46

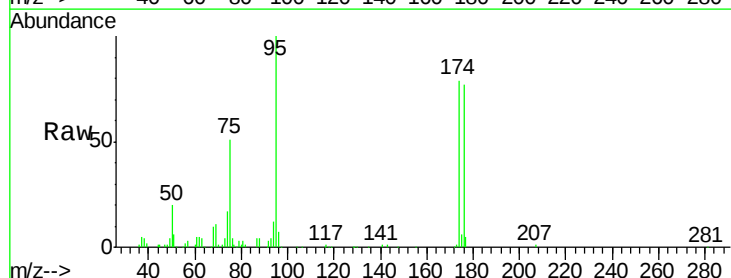
Tgt Ion: 95 Resp: 151130

Ion Ratio Lower Upper

95 100

174 81.1 0.0 157.6

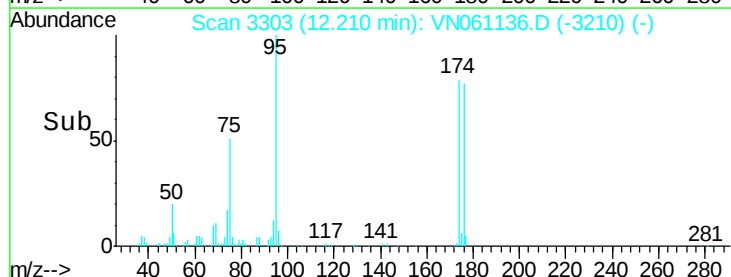
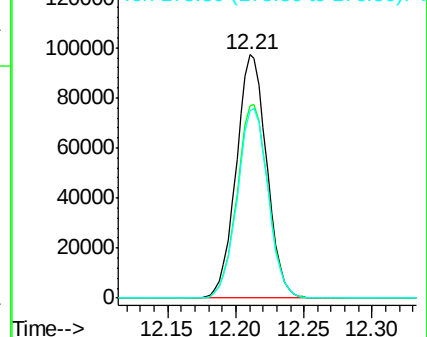
176 78.6 0.0 154.4

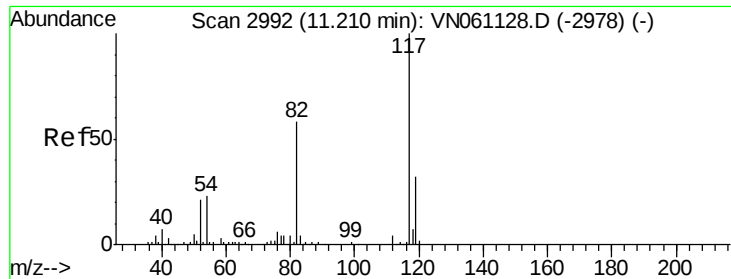


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

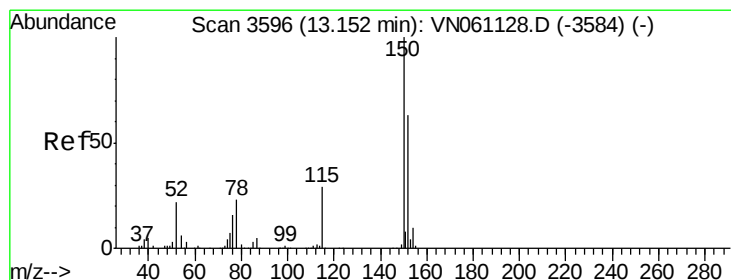
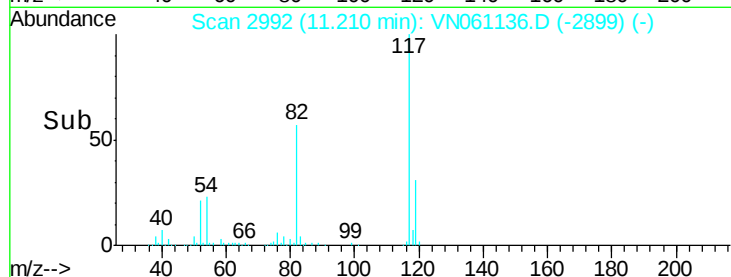
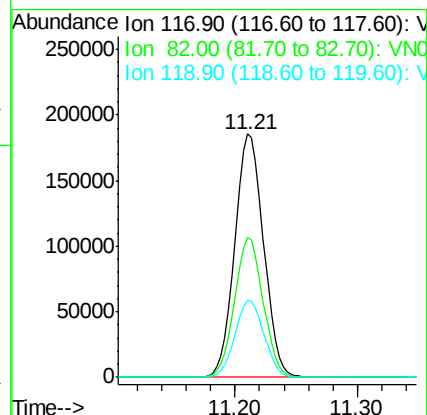
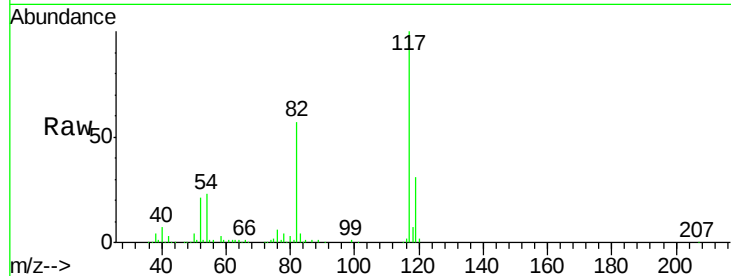




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.21 min Scan# 2992
Delta R.T. 0.00 min
Lab File: VN061136.D
Acq: 22 Apr 2020 18:46

Instrument :
MSVOA_N
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FB-SO-2020-04-16

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.0	69.0
119	31.5	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.15 min Scan# 3596
Delta R.T. 0.00 min
Lab File: VN061136.D
Acq: 22 Apr 2020 18:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.8	89.5
150	155.4	0.0	348.6

