

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092920\
 Data File : VN063729.D
 Acq On : 29 Sep 2020 15:52
 Operator : JC/MD
 Sample : PB131952ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131952ZHE#02

Quant Time: Sep 30 01:15:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

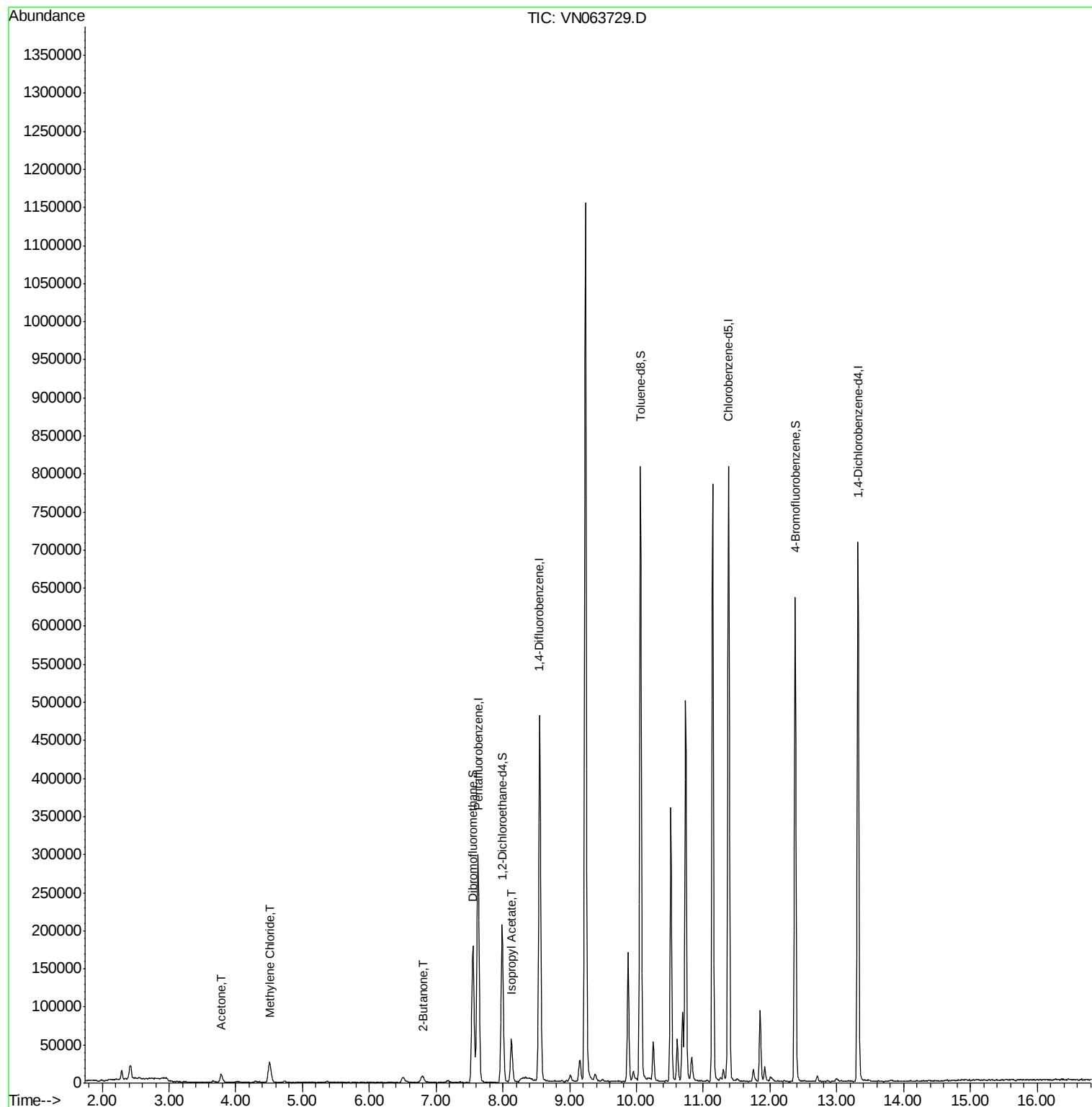
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	221127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	402183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	418666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173795	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	181577	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
35) Dibromofluoromethane	7.55	113	134459	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
50) Toluene-d8	10.06	98	523240	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.38	95	204414	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
Target Compounds						
16) Acetone	3.78	43	17533	14.493	ug/l	97
20) Methylene Chloride	4.51	84	18633	6.079	ug/l	97
25) 2-Butanone	6.80	43	12798	6.879	ug/l	98
43) Isopropyl Acetate	8.13	43	66921	8.900	ug/l	99

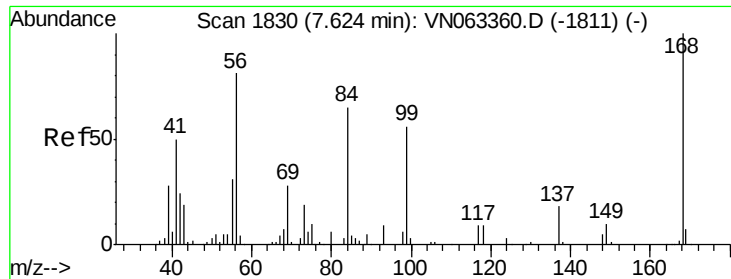
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092920\
Data File : VN063729.D
Acq On : 29 Sep 2020 15:52
Operator : JC/MD
Sample : PB131952ZHE#02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB131952ZHE#02

Quant Time: Sep 30 01:15:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 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: VN063729.D

Acq: 29 Sep 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

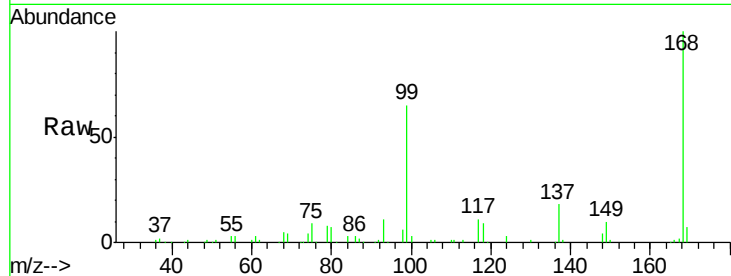
PB131952ZHE#02

Tot Ion:168 Resp: 221127

Ion Ratio Lower Upper

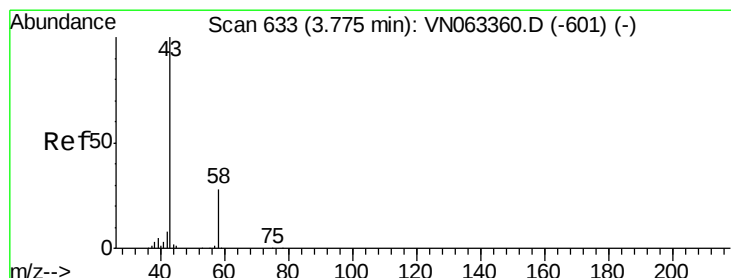
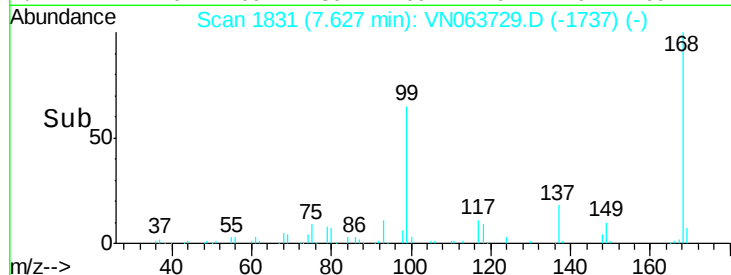
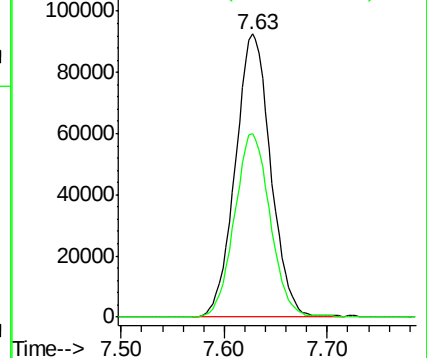
168 100

99 64.8 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 14.493 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063729.D

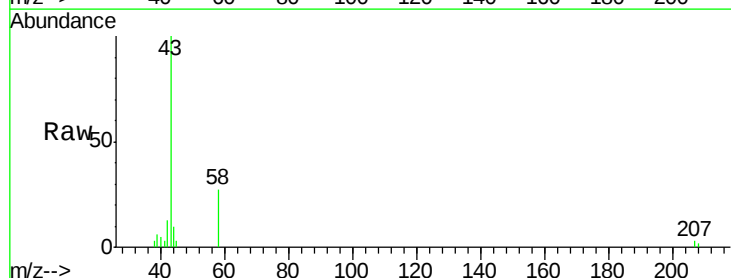
Acq: 29 Sep 2020 15:52

Tgt Ion: 43 Resp: 17533

Ion Ratio Lower Upper

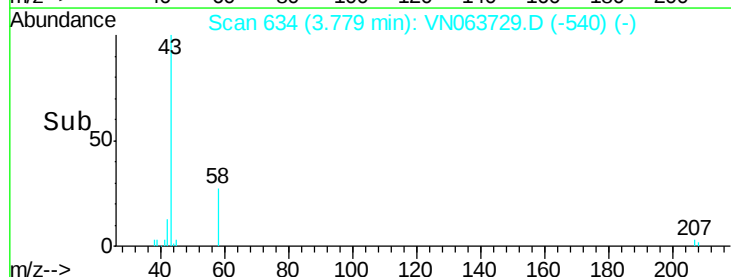
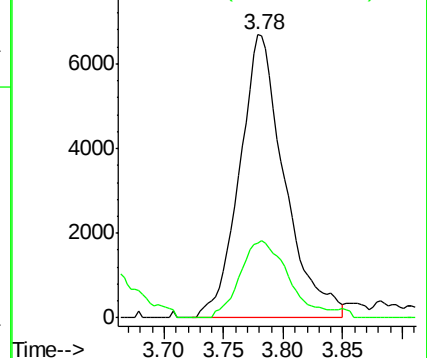
43 100

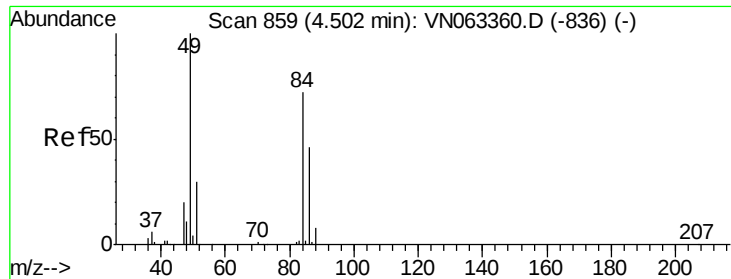
58 26.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

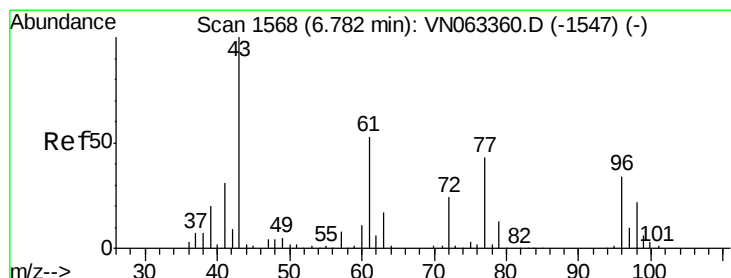
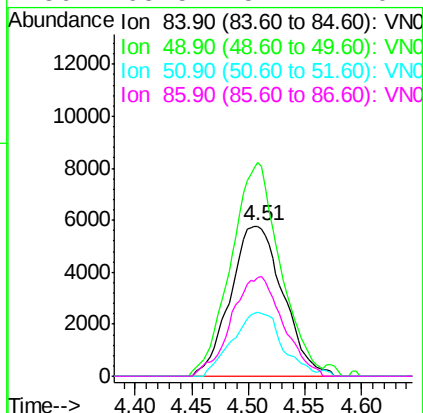
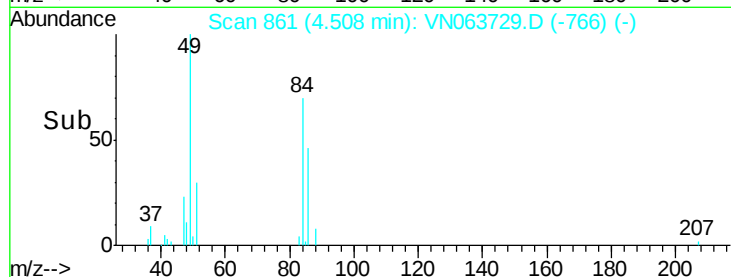
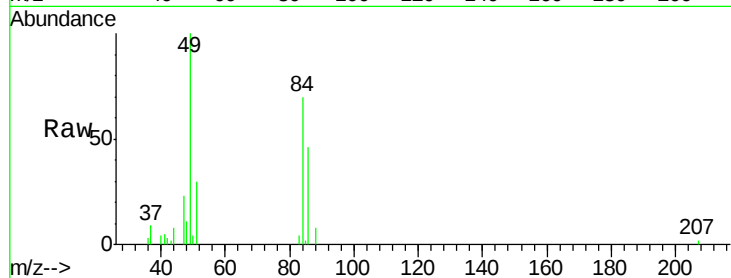




#20
Methvlene Chloride
Concen: 6.079 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063729.D
Acq: 29 Sep 2020 15:52

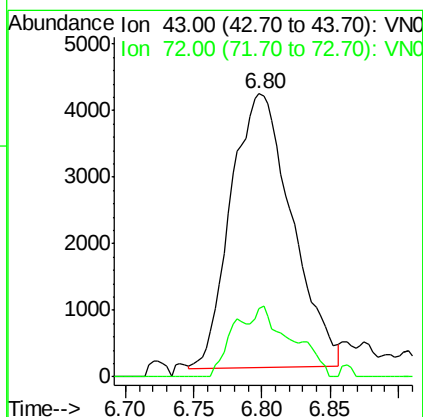
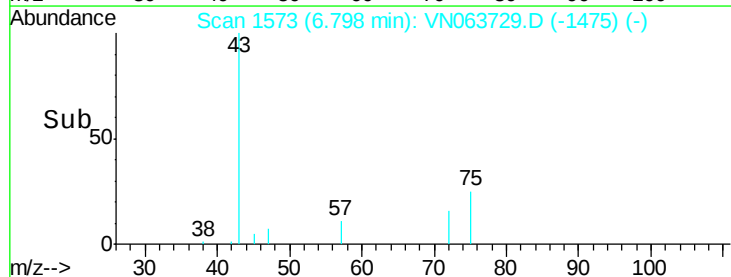
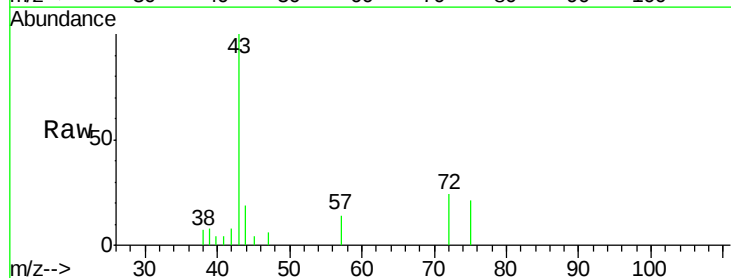
Instrument :
MSVOA_N
ClientSampleId :
PB131952ZHE#02

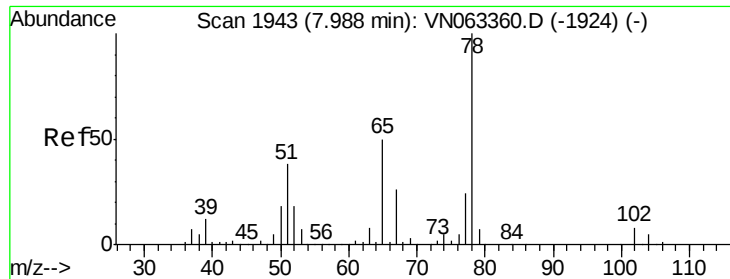
Tot Ion: 84 Resp: 18633
Ion Ratio Lower Upper
84 100
49 142.2 110.7 166.1
51 42.3 32.9 49.3
86 65.5 51.1 76.7



#25
2-Butanone
Concen: 6.879 ug/l
RT: 6.80 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VN063729.D
Acq: 29 Sep 2020 15:52

Tgt Ion: 43 Resp: 12798
Ion Ratio Lower Upper
43 100
72 25.0 19.2 28.8

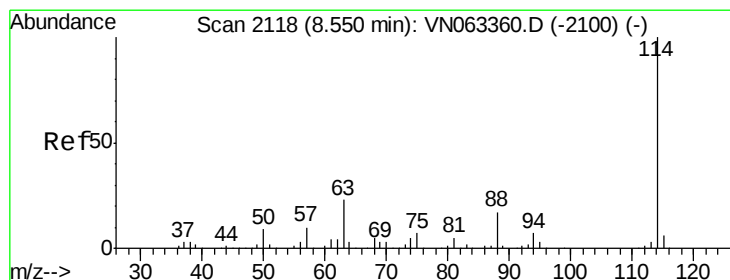
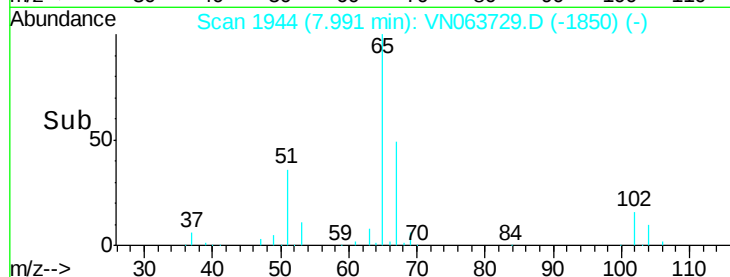
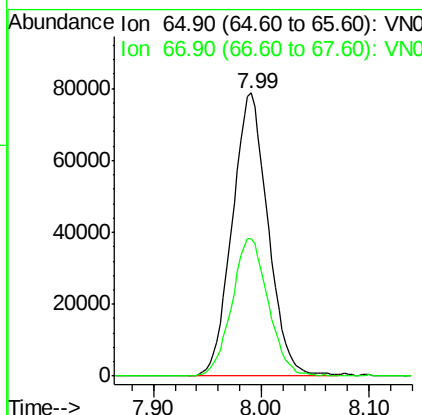
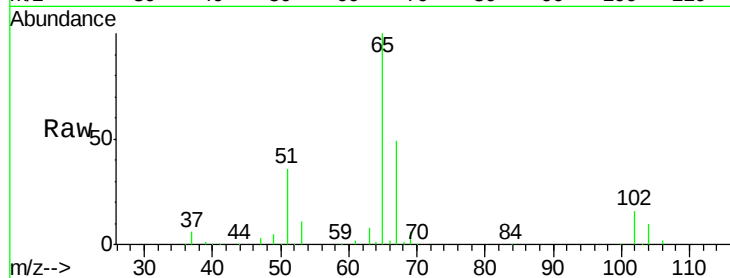




#33
 1,2-Dichloroethane-d4
 Concen: 48.238 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063729.D
 Acq: 29 Sep 2020 15:52

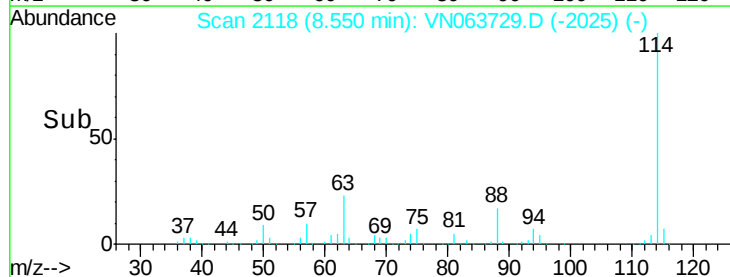
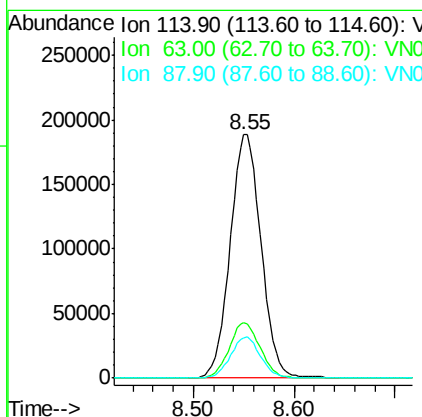
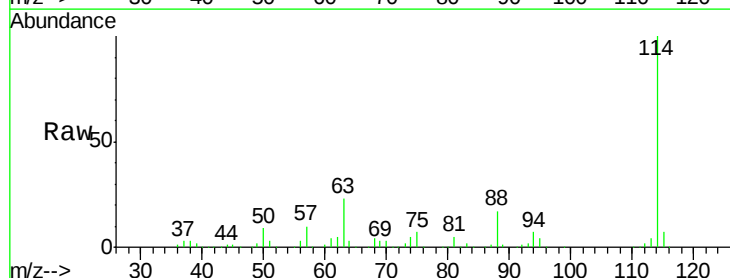
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131952ZHE#02

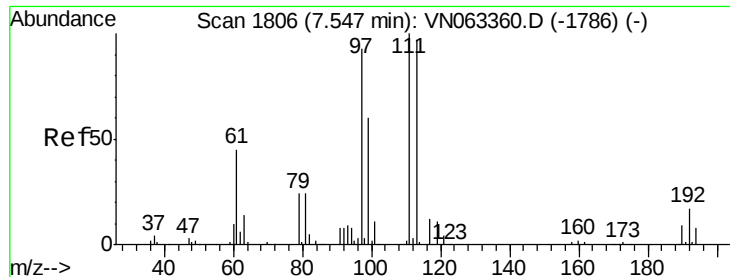
Tot Ion: 65 Resp: 181577
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063729.D
 Acq: 29 Sep 2020 15:52

Tgt Ion: 114 Resp: 402183
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 46.4
 88 16.7 0.0 33.2

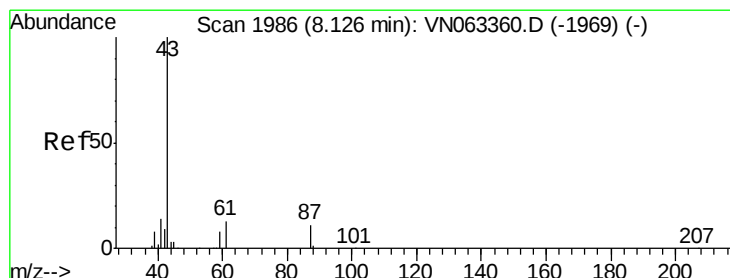
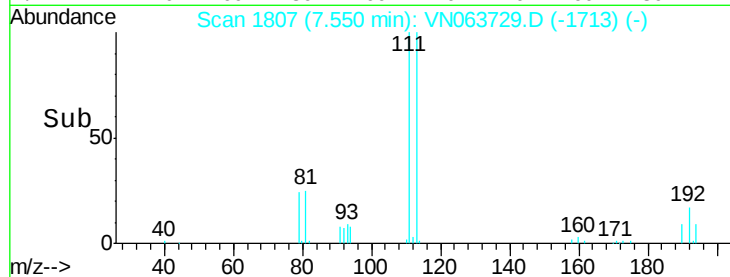
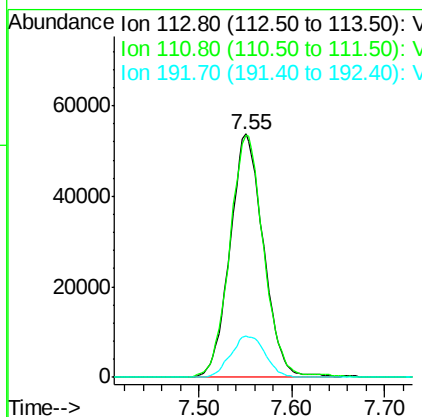
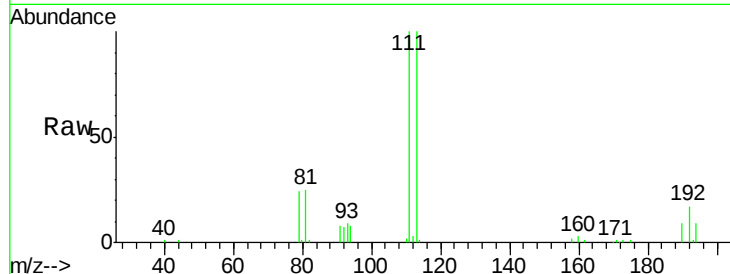




#35
 Dibromofluoromethane
 Concen: 48.293 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063729.D
 Acq: 29 Sep 2020 15:52

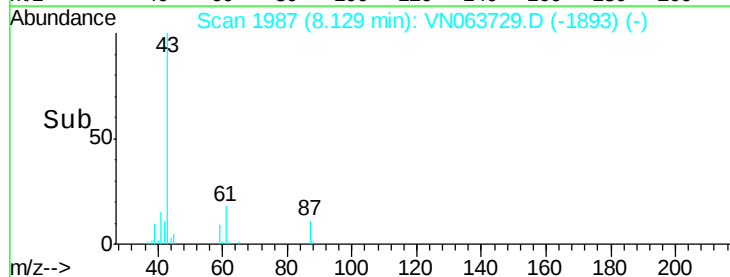
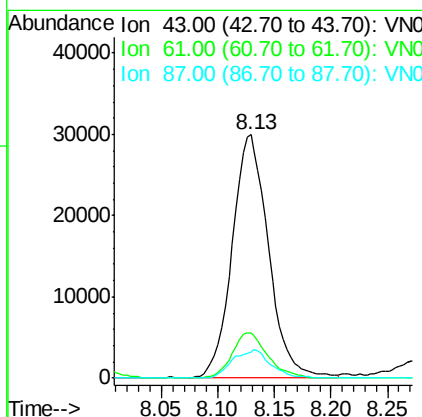
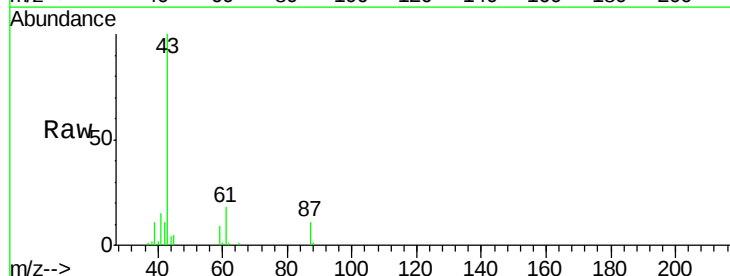
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131952ZHE#02

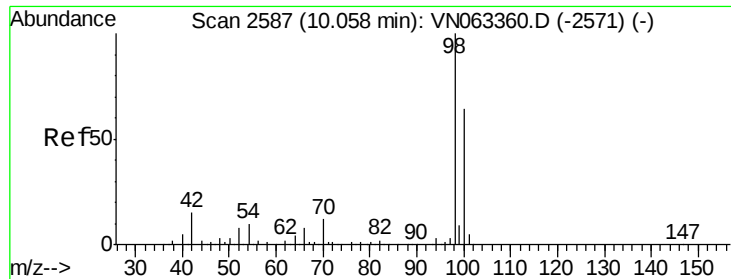
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.9	124.3
192	17.5	13.9	20.9



#43
 Isopropyl Acetate
 Concen: 8.900 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063729.D
 Acq: 29 Sep 2020 15:52

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.2	21.2
87	12.2	9.0	13.6





#50

Toluene-d8

Concen: 49.979 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063729.D

Acq: 29 Sep 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

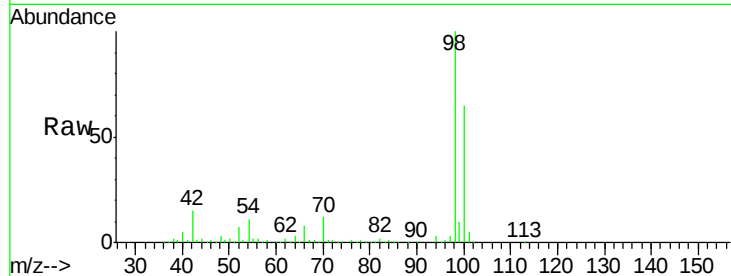
PB131952ZHE#02

Tot Ion: 98 Resp: 523240

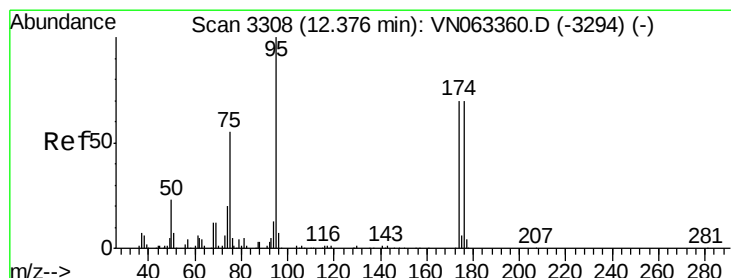
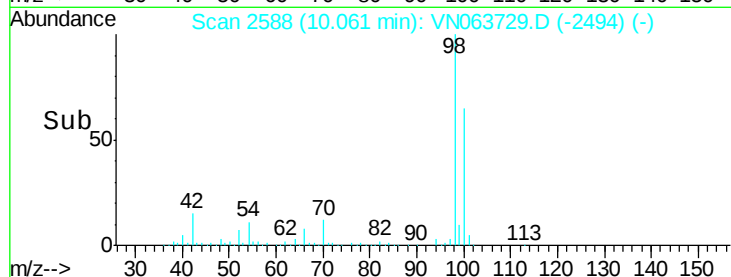
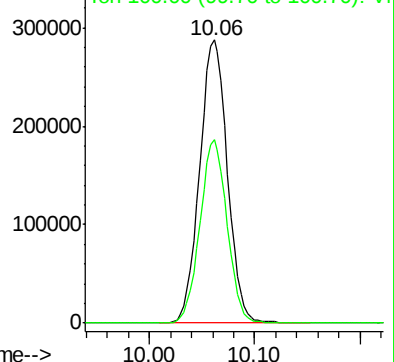
Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 53.263 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063729.D

Acq: 29 Sep 2020 15:52

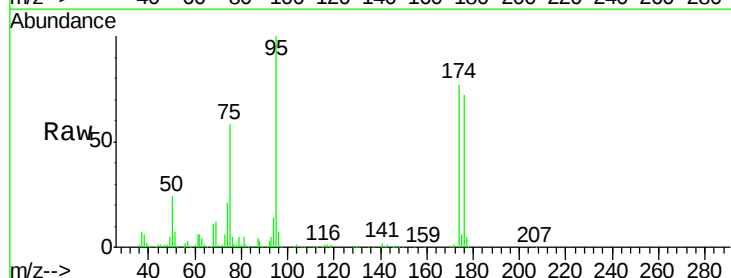
Tgt Ion: 95 Resp: 204414

Ion Ratio Lower Upper

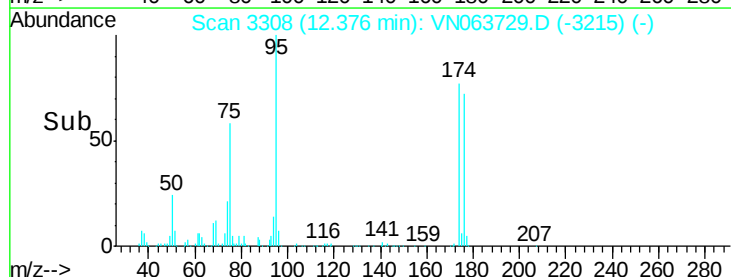
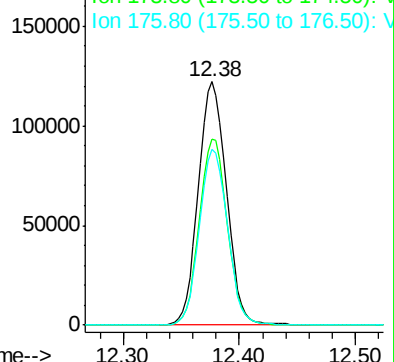
95 100

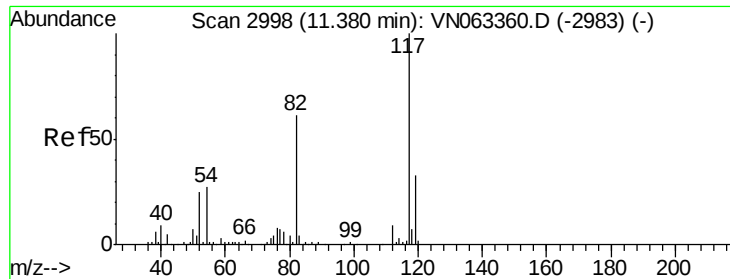
174 75.9 0.0 140.8

176 72.4 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

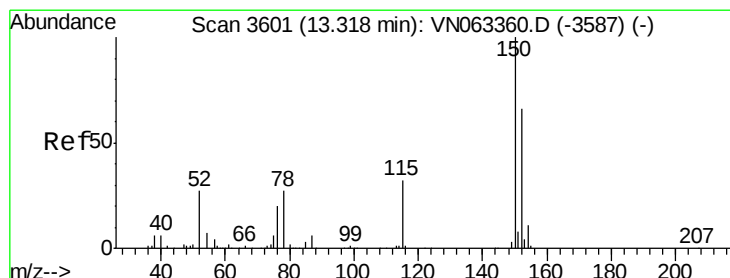
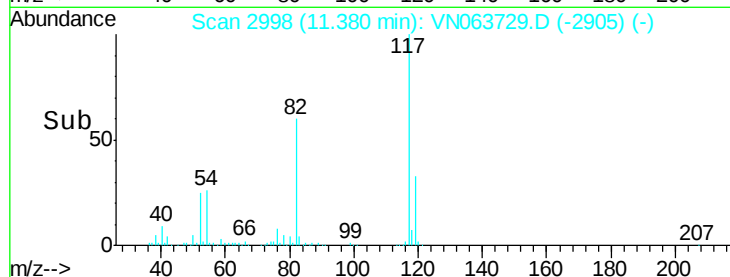
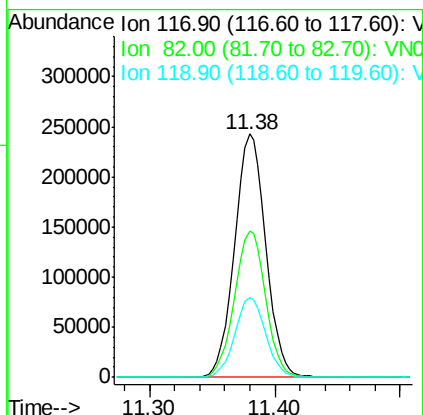
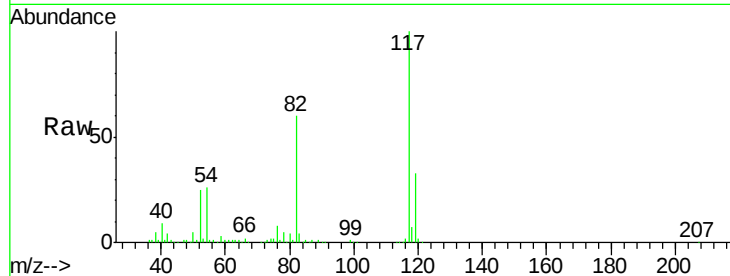




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063729.D
Acq: 29 Sep 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
PB131952ZHE#02

Tot Ion:117 Resp: 418666
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 33.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063729.D
Acq: 29 Sep 2020 15:52

Tgt Ion:152 Resp: 173795
Ion Ratio Lower Upper
152 100
115 63.5 32.2 96.6
150 156.5 0.0 343.4

