

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063823.D
 Acq On : 2 Oct 2020 15:56
 Operator : JC/MD
 Sample : PB132030ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132030ZHE#02

Quant Time: Oct 05 06:00:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

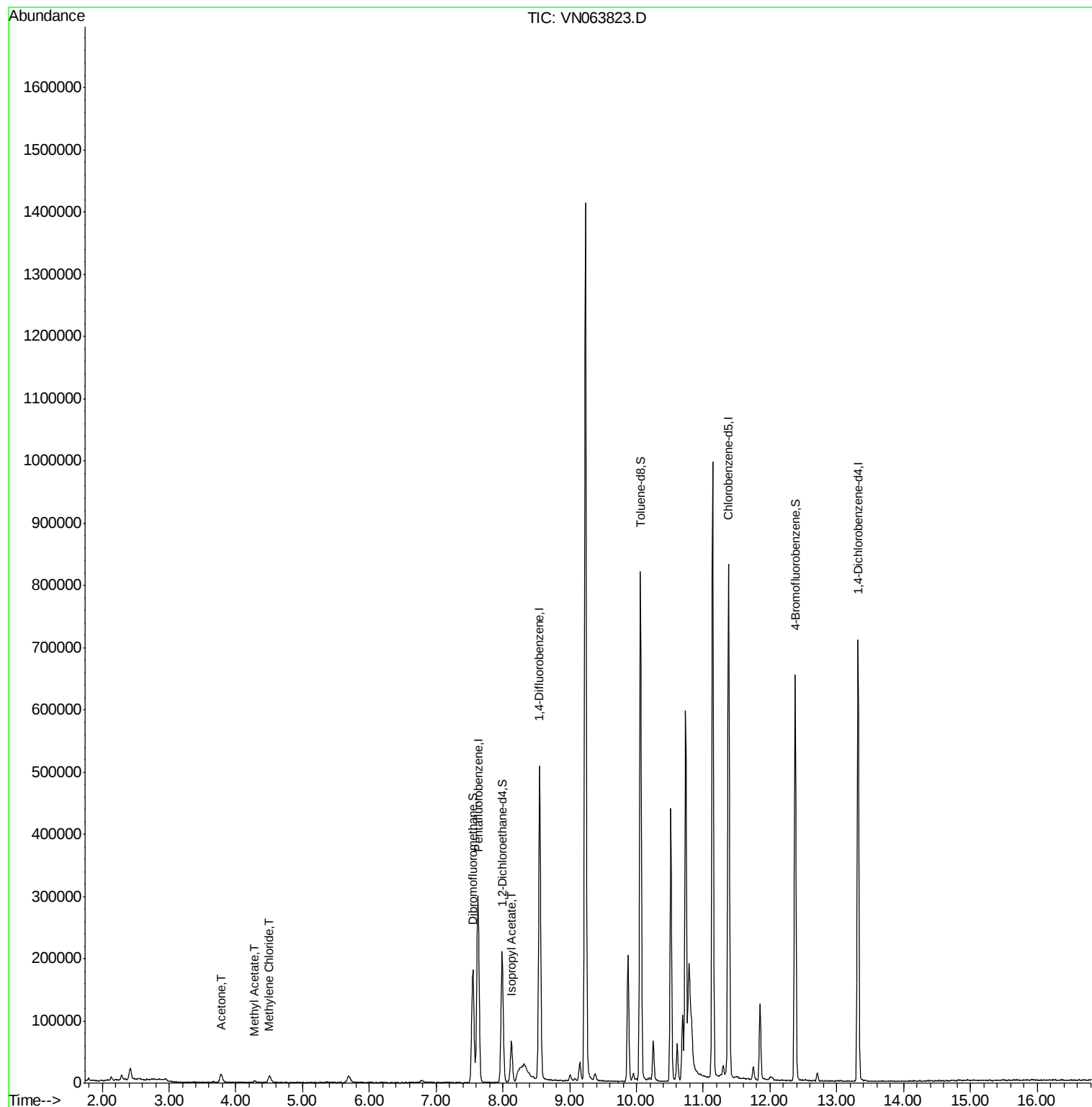
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	217077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	428178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	172465	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	189242	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
35) Dibromofluoromethane	7.55	113	132392	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
50) Toluene-d8	10.06	98	526677	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.38	95	211840	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
Target Compounds						
16) Acetone	3.78	43	24175	21.898	ug/l	95
18) Methyl Acetate	4.28	43	4126	1.439	ug/l #	88
20) Methylene Chloride	4.50	84	6769	2.770	ug/l	91
43) Isopropyl Acetate	8.13	43	80148	11.816	ug/l	99

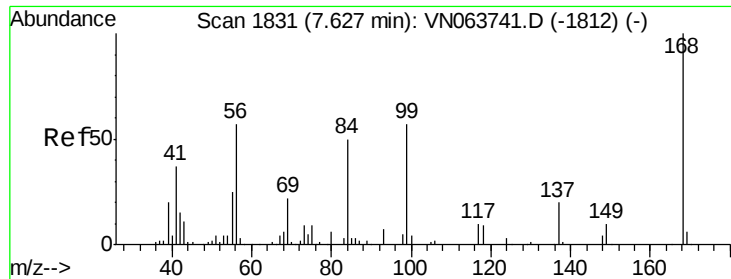
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 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: VN063823.D

Acq: 2 Oct 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

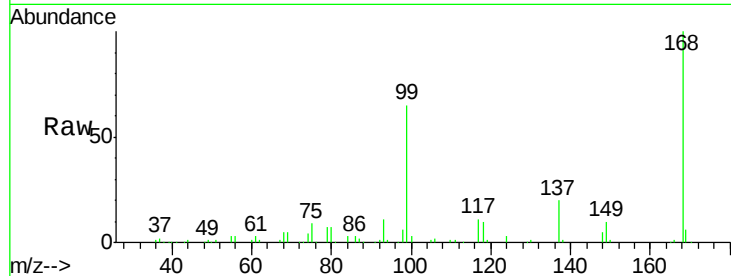
PB132030ZHE#02

Tot Ion:168 Resp: 217077

Ion Ratio Lower Upper

168 100

99 65.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

60000

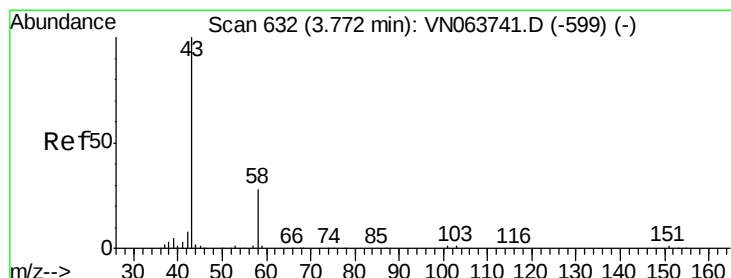
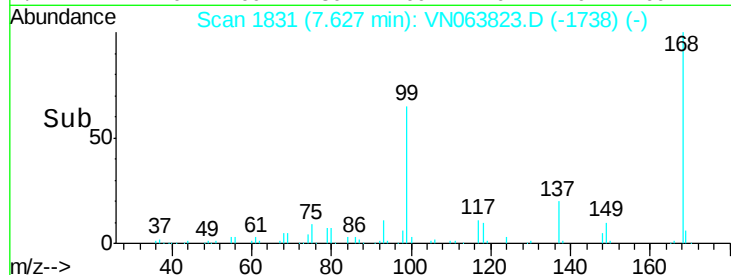
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 21.898 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063823.D

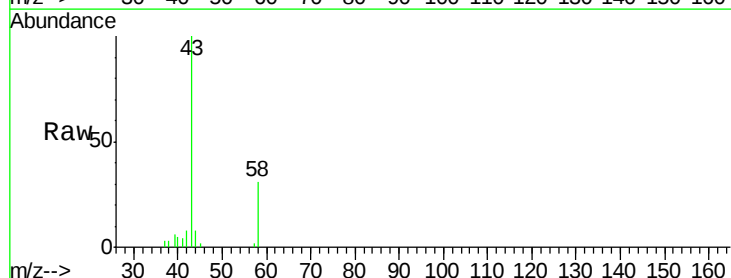
Acq: 2 Oct 2020 15:56

Tgt Ion: 43 Resp: 24175

Ion Ratio Lower Upper

43 100

58 30.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

10000

8000

6000

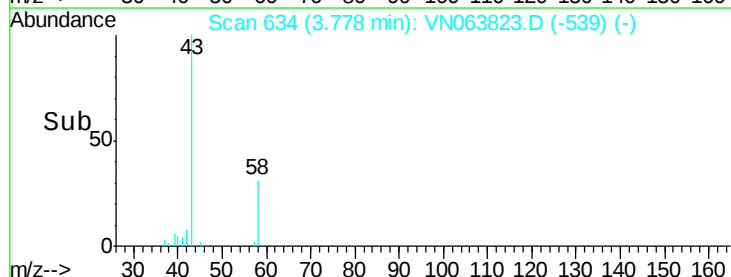
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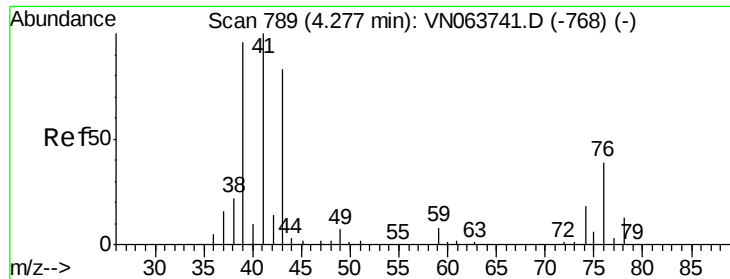
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0

Time-->

3.70 3.75 3.80 3.85

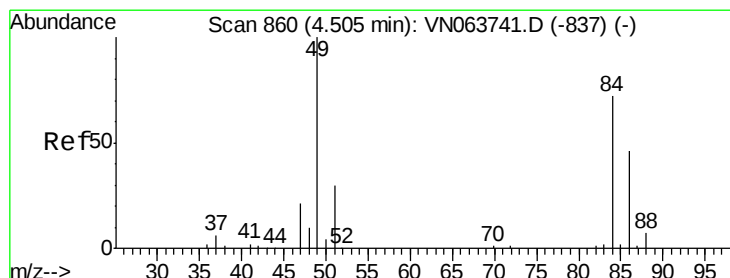
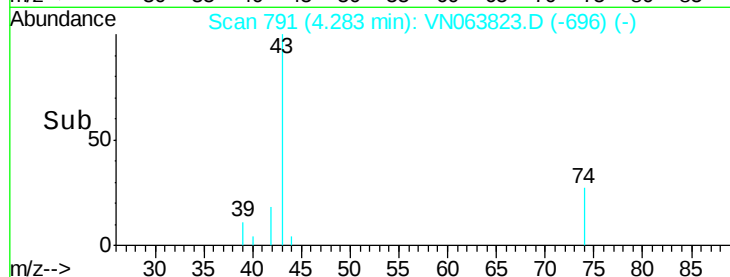
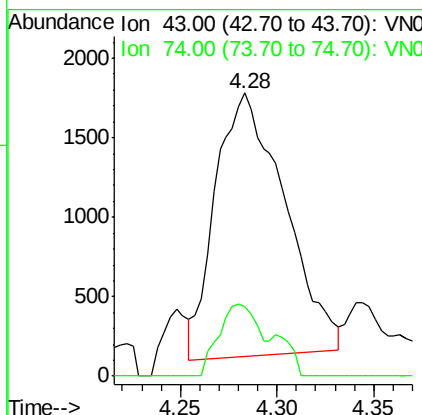
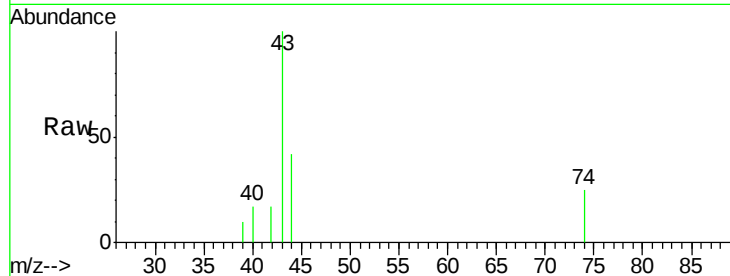




#18
Methyl Acetate
Concen: 1.439 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN063823.D
Acq: 2 Oct 2020 15:56

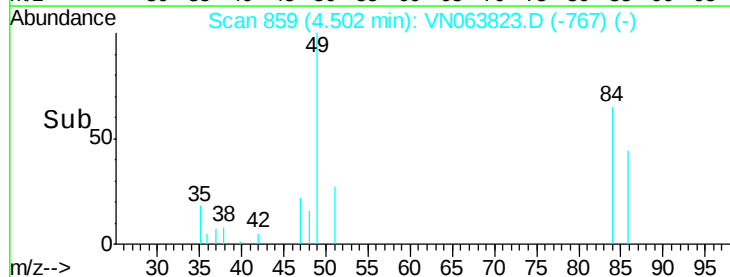
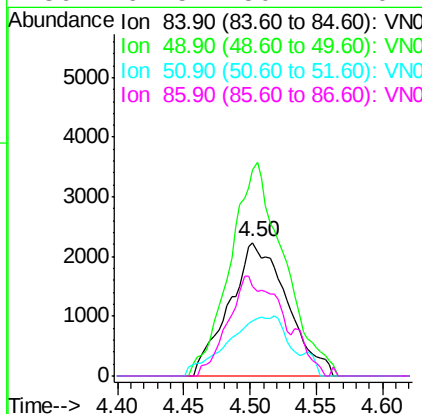
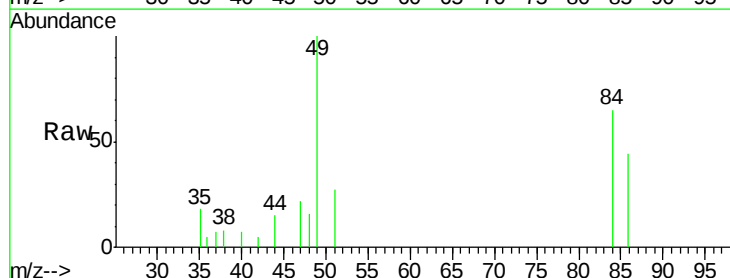
Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#02

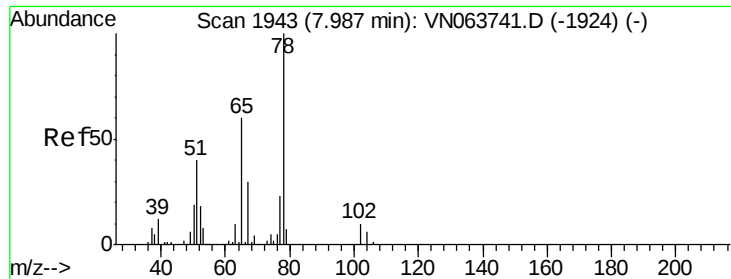
Tot Ion: 43 Resp: 4126
Ion Ratio Lower Upper
43 100
74 16.3 17.4 26.2#



#20
Methylene Chloride
Concen: 2.770 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063823.D
Acq: 2 Oct 2020 15:56

Tgt Ion: 84 Resp: 6769
Ion Ratio Lower Upper
84 100
49 154.3 110.4 165.6
51 41.4 33.3 49.9
86 67.5 50.7 76.1

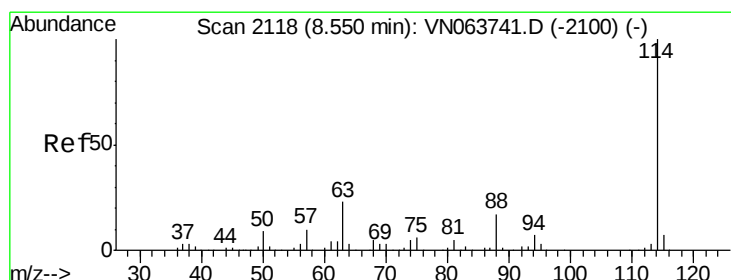
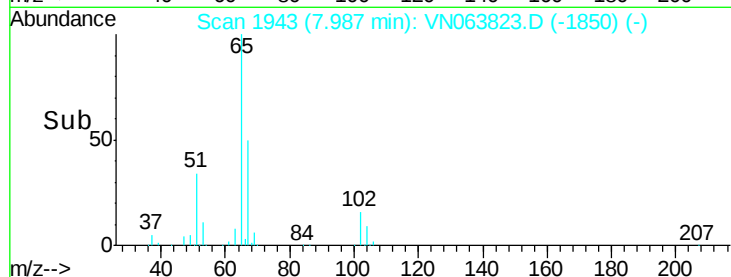
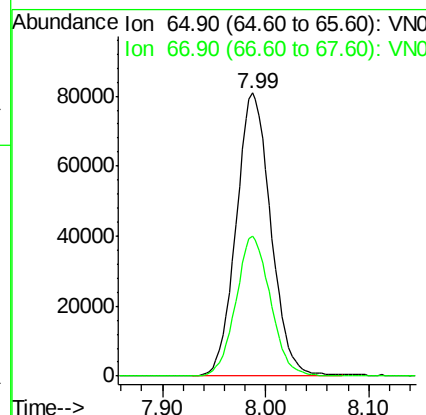
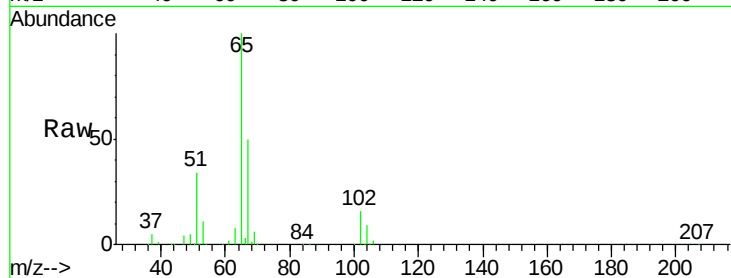




#33
 1,2-Dichloroethane-d4
 Concen: 52.769 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063823.D
 Acq: 2 Oct 2020 15:56

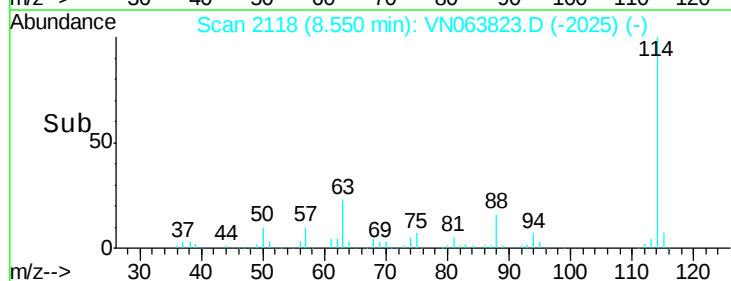
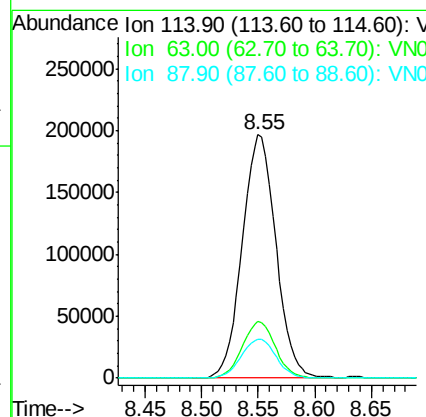
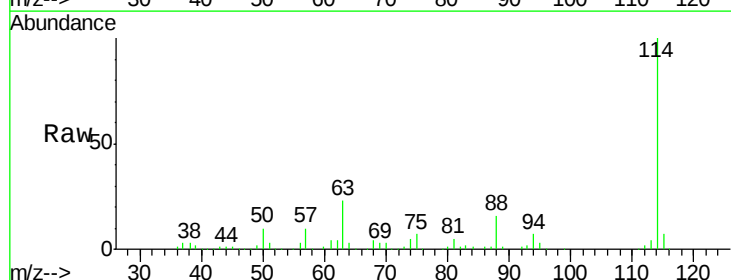
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132030ZHE#02

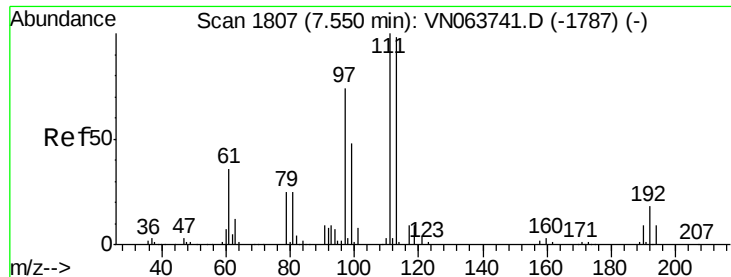
Tot Ion: 65 Resp: 189242
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063823.D
 Acq: 2 Oct 2020 15:56

Tgt Ion: 114 Resp: 408560
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.0
 88 15.9 0.0 34.0

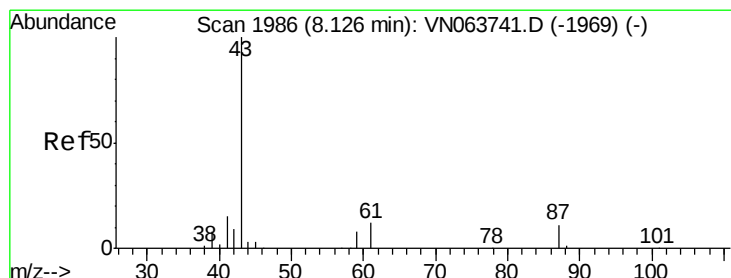
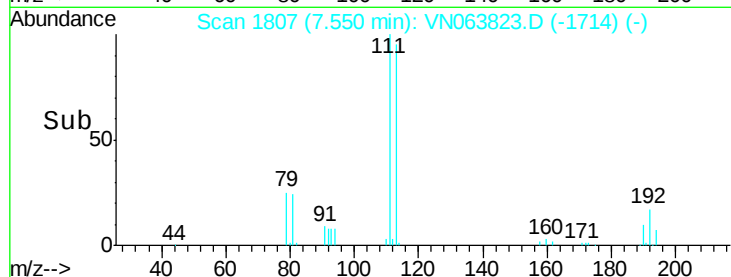
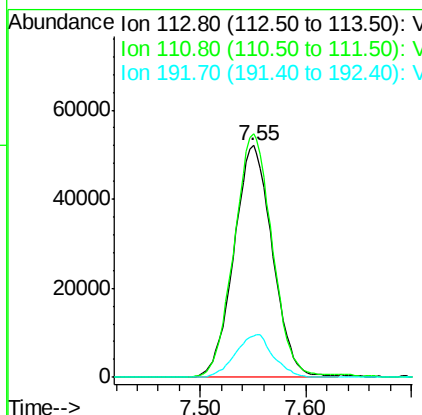
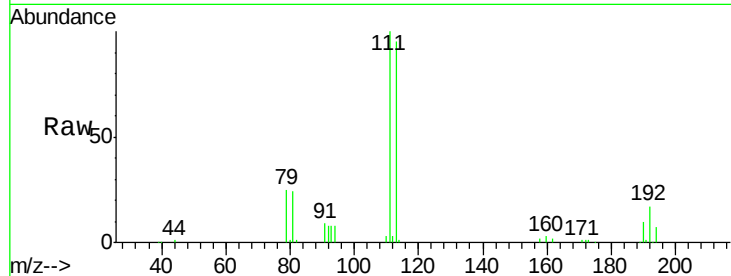




#35
 Dibromofluoromethane
 Concen: 46.701 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063823.D
 Acq: 2 Oct 2020 15:56

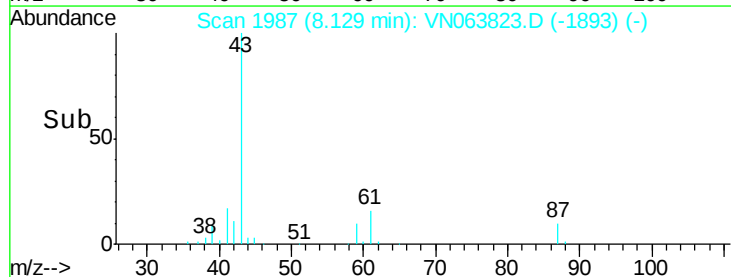
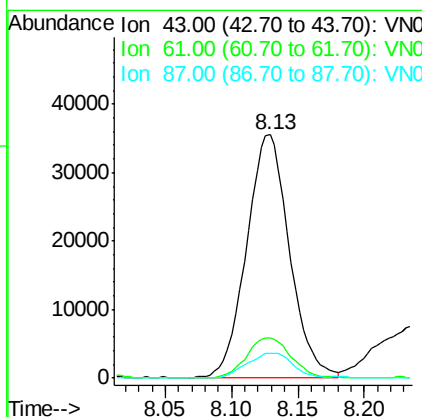
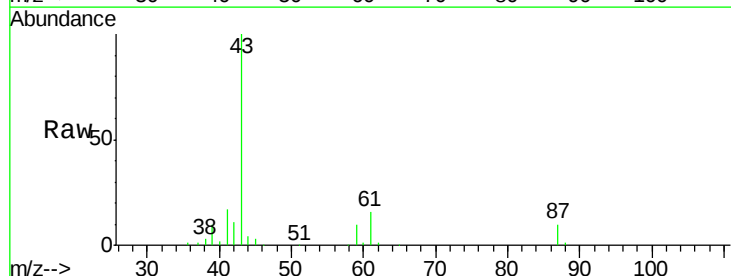
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132030ZHE#02

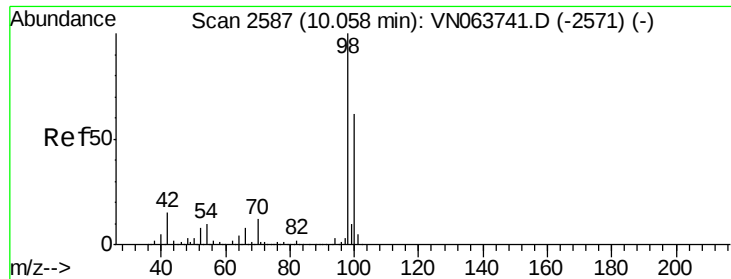
Tot Ion:113 Resp: 132392
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.8 122.8
 192 18.1 14.2 21.2



#43
 Isopropyl Acetate
 Concen: 11.816 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063823.D
 Acq: 2 Oct 2020 15:56

Tgt Ion: 43 Resp: 80148
 Ion Ratio Lower Upper
 43 100
 61 17.3 14.2 21.4
 87 10.9 9.0 13.6





#50

Toluene-d8

Concen: 49.008 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063823.D

Acq: 2 Oct 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

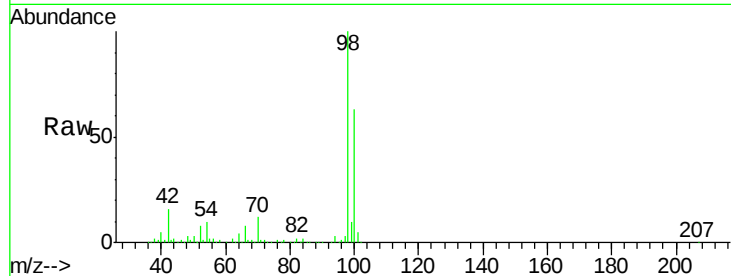
PB132030ZHE#02

Tot Ion: 98 Resp: 526677

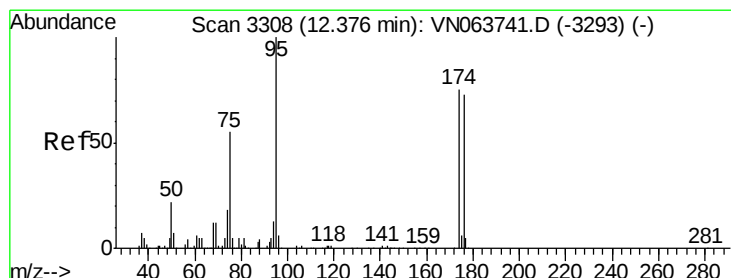
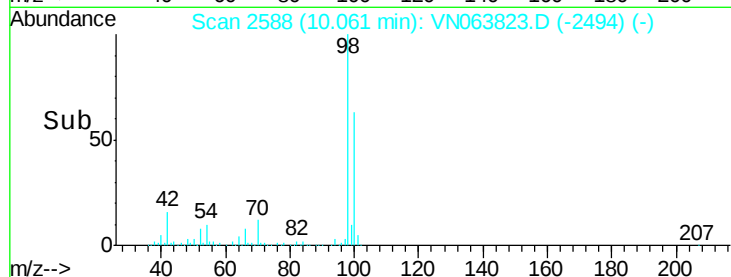
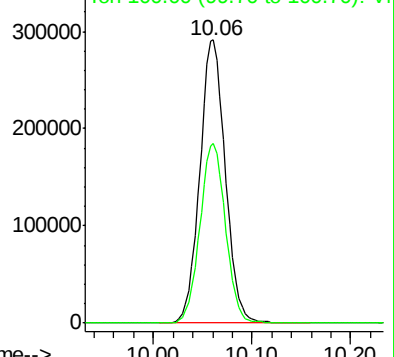
Ion Ratio Lower Upper

98 100

100 63.5 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 52.438 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063823.D

Acq: 2 Oct 2020 15:56

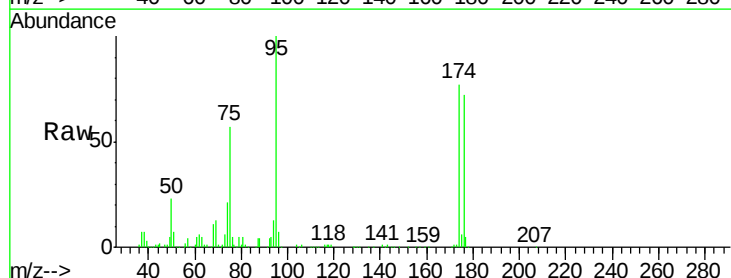
Tgt Ion: 95 Resp: 211840

Ion Ratio Lower Upper

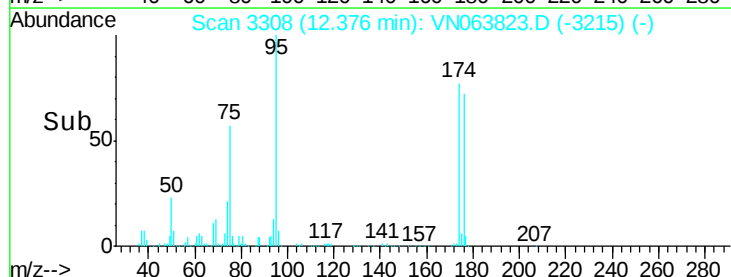
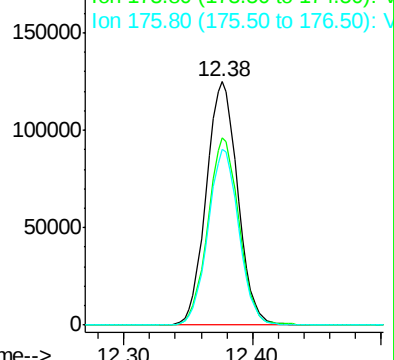
95 100

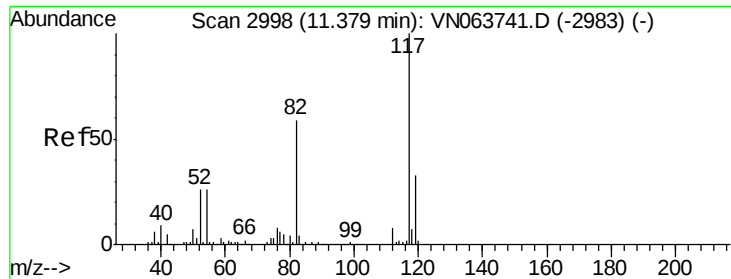
174 76.0 0.0 150.6

176 70.8 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

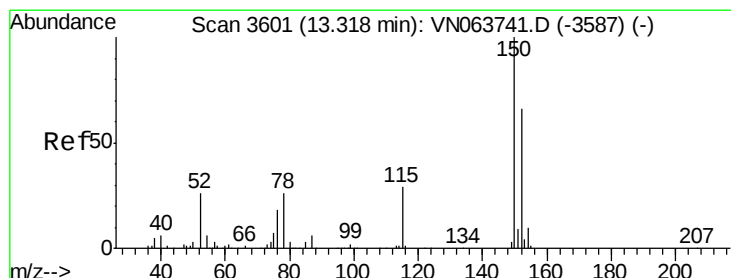
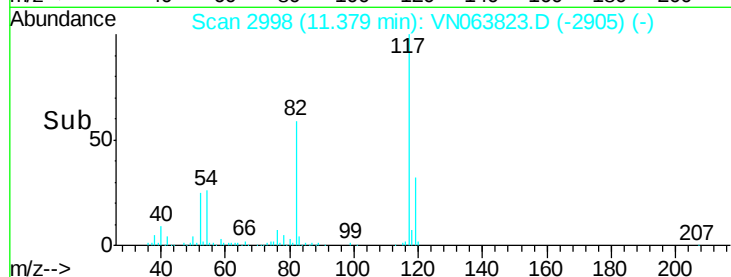
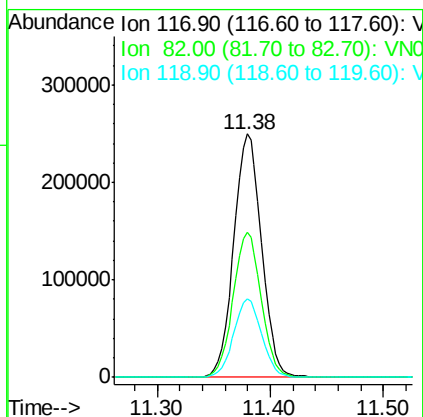
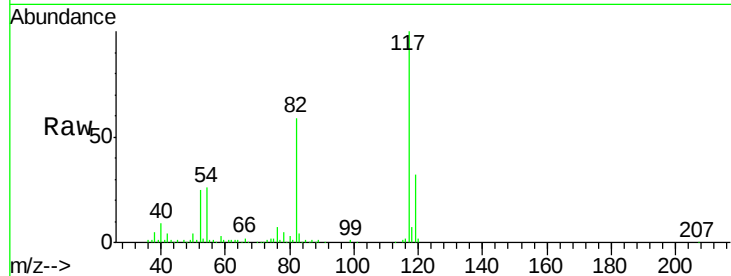




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063823.D
Acq: 2 Oct 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#02

Tot Ion:117 Resp: 428178
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 32.1 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063823.D
Acq: 2 Oct 2020 15:56

Tgt Ion:152 Resp: 172465
Ion Ratio Lower Upper
152 100
115 63.9 31.3 93.8
150 156.4 0.0 341.8

