

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063822.D
 Acq On : 2 Oct 2020 15:33
 Operator : JC/MD
 Sample : PB132030ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132030ZHE#01

Quant Time: Oct 05 05:54:39 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

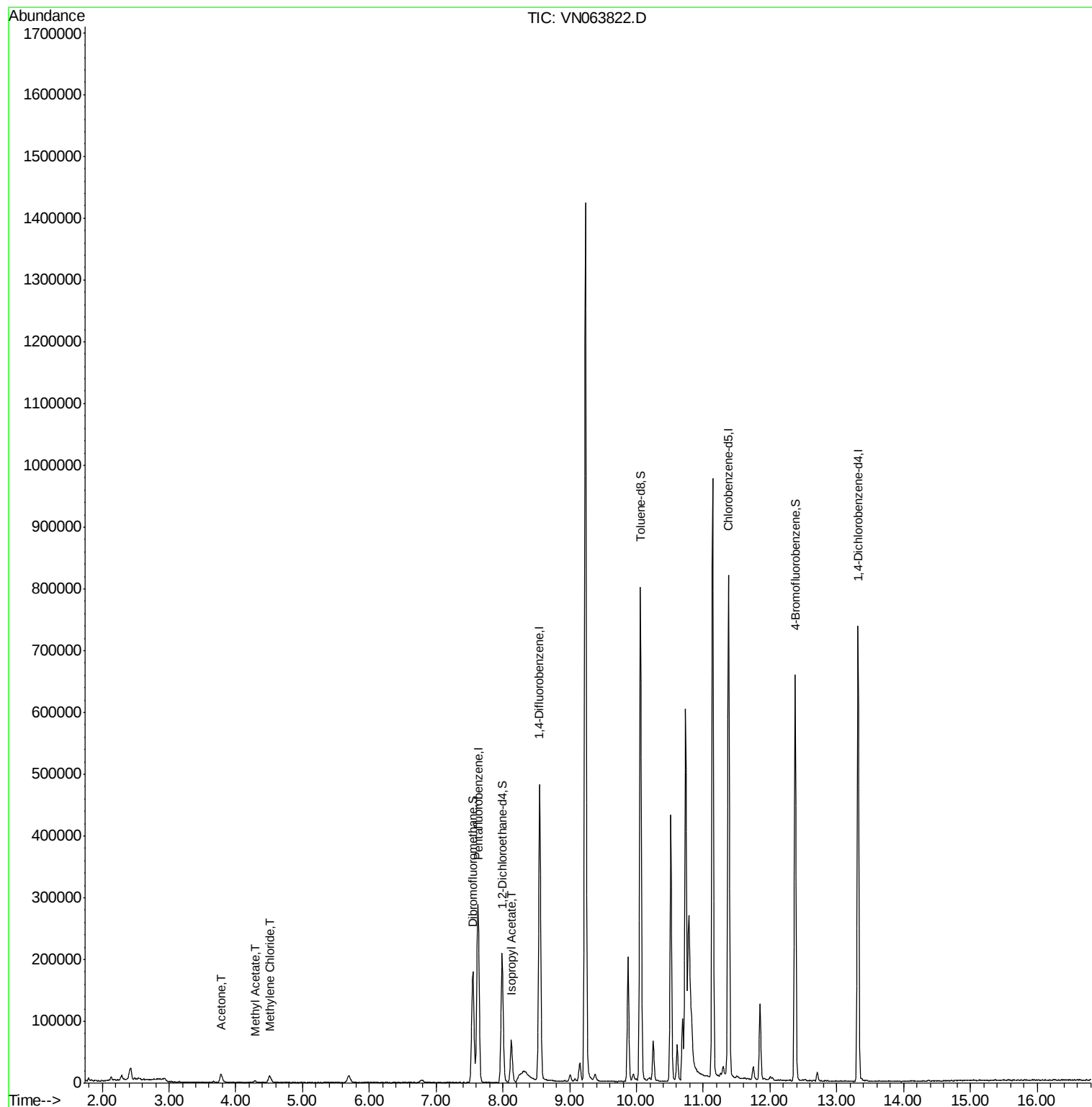
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	213011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	397224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	424429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	187098	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
35) Dibromofluoromethane	7.55	113	131860	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
50) Toluene-d8	10.06	98	517350	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.38	95	212264	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.08%	
Target Compounds						
16) Acetone	3.78	43	24345	22.473	ug/l	99
18) Methyl Acetate	4.29	43	5395	1.918	ug/l #	81
20) Methylene Chloride	4.51	84	7403	3.076	ug/l	89
43) Isopropyl Acetate	8.13	43	80676	12.233	ug/l	98

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

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QLast Update : Thu Oct 01 01:46:38 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

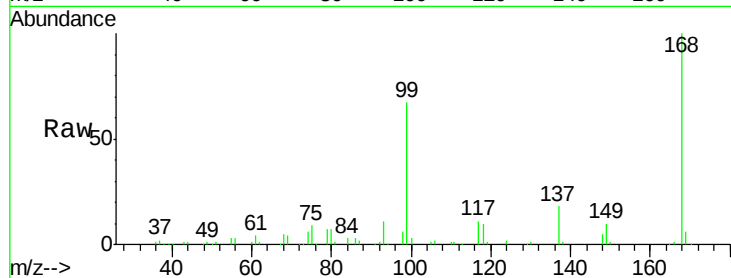
PB132030ZHE#01

Tot Ion:168 Resp: 213011

Ion Ratio Lower Upper

168 100

99 66.9 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

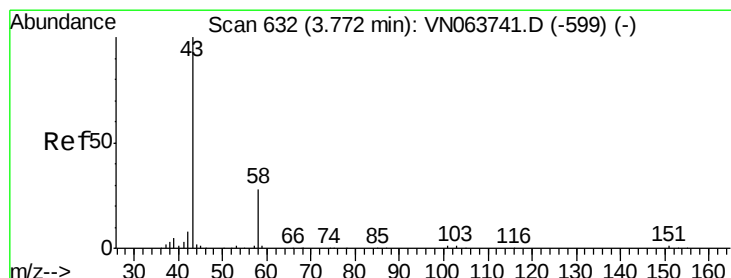
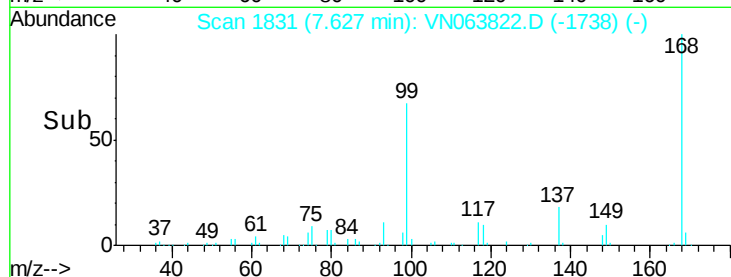
40000

20000

0

Time-->

7.50 7.60 7.70 7.80



#16

Acetone

Concen: 22.473 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063822.D

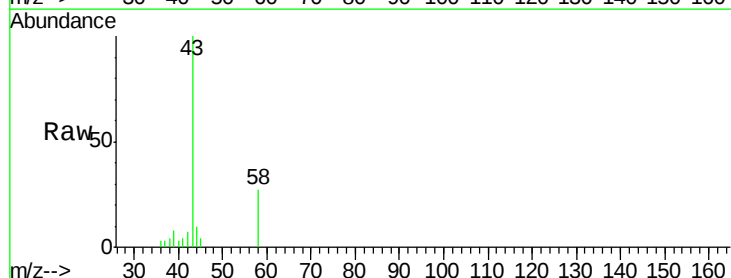
Acq: 2 Oct 2020 15:33

Tgt Ion: 43 Resp: 24345

Ion Ratio Lower Upper

43 100

58 27.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

10000

8000

6000

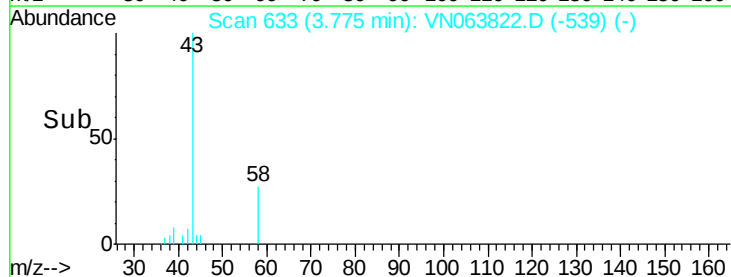
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2000

0

Time-->

3.70 3.80 3.90

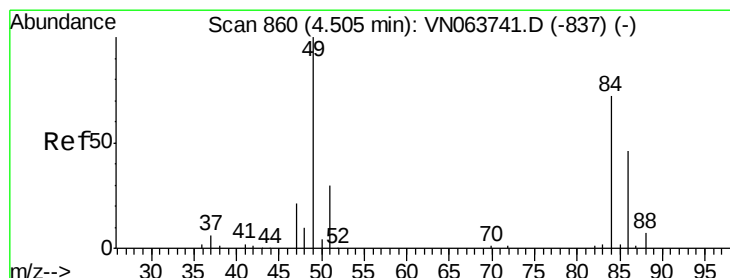
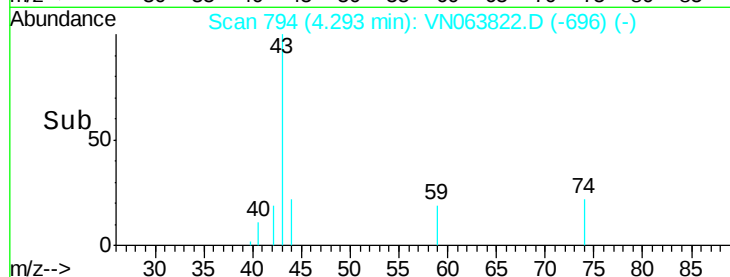
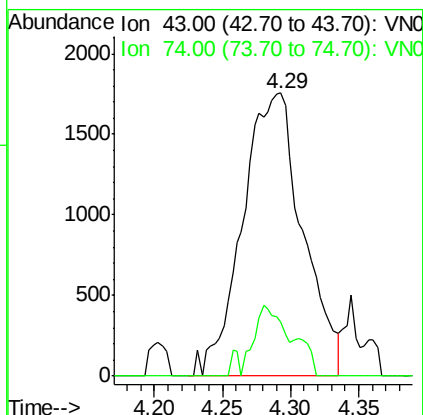
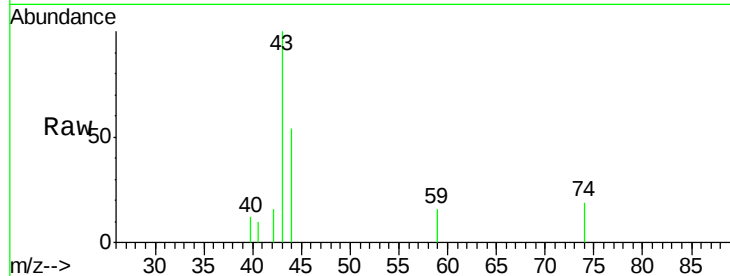




#18
Methyl Acetate
Concen: 1.918 ug/l
RT: 4.29 min Scan# 794
Delta R.T. 0.02 min
Lab File: VN063822.D
Acq: 2 Oct 2020 15:33

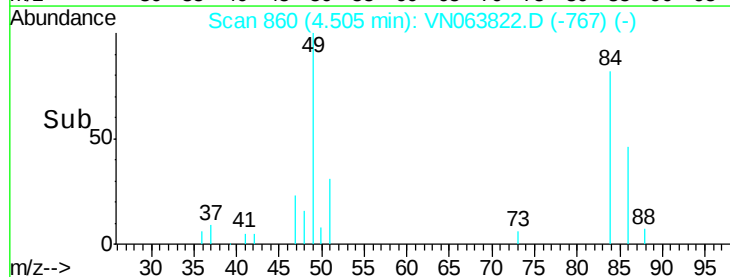
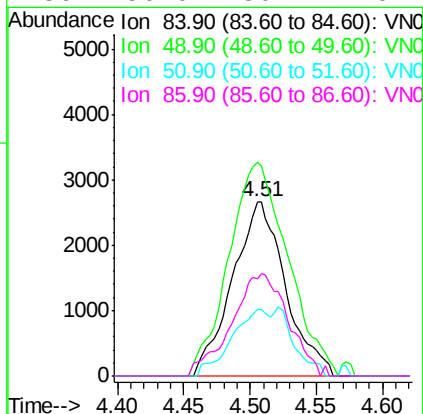
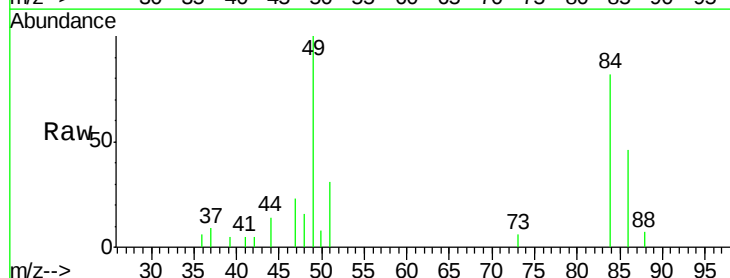
Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#01

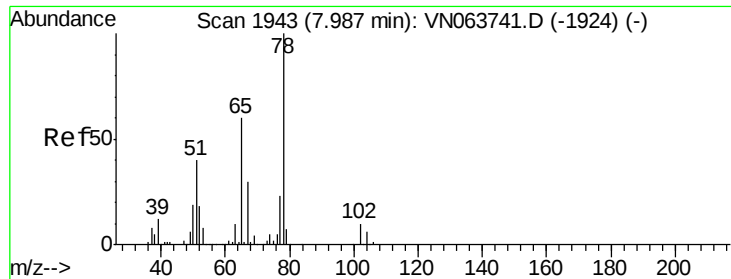
Tot Ion: 43 Resp: 5395
Ion Ratio Lower Upper
43 100
74 12.7 17.4 26.2#



#20
Methylene Chloride
Concen: 3.076 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063822.D
Acq: 2 Oct 2020 15:33

Tgt Ion: 84 Resp: 7403
Ion Ratio Lower Upper
84 100
49 122.3 110.4 165.6
51 38.4 33.3 49.9
86 56.0 50.7 76.1

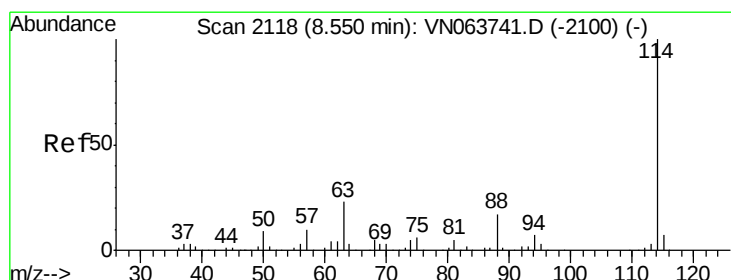
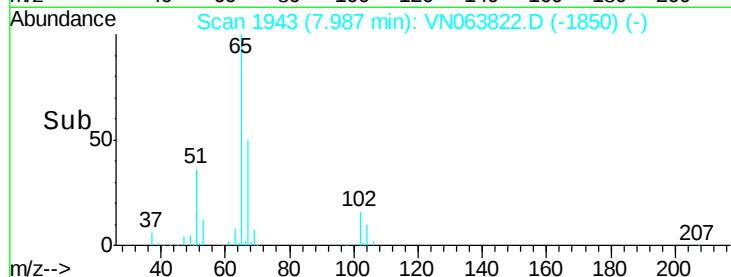
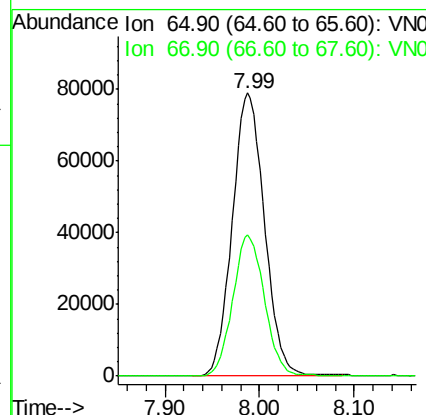
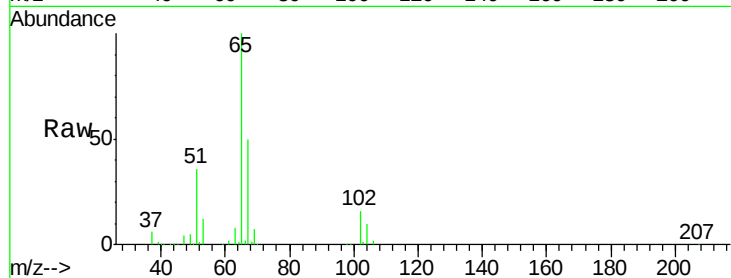




#33
 1,2-Dichloroethane-d4
 Concen: 53.167 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063822.D
 Acq: 2 Oct 2020 15:33

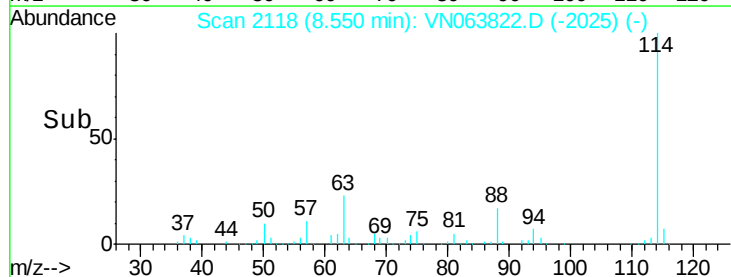
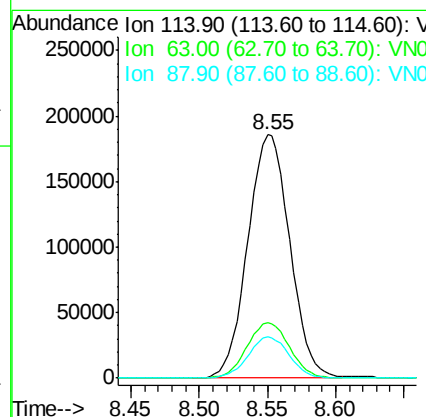
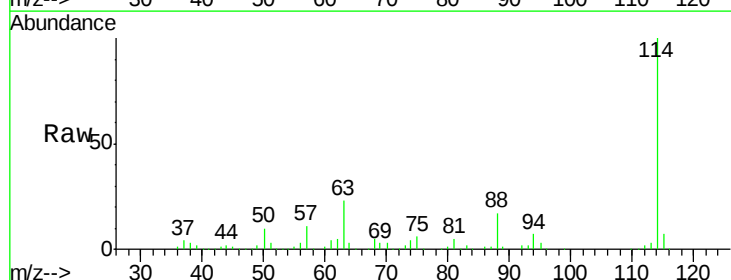
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132030ZHE#01

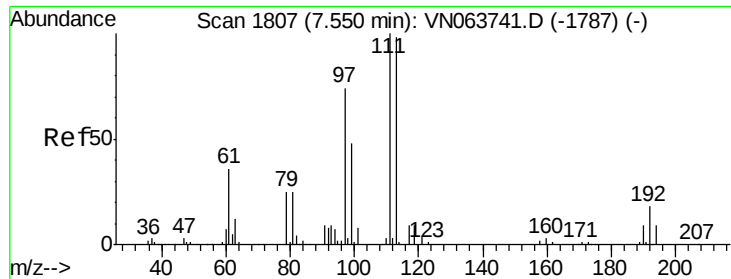
Tot Ion: 65 Resp: 187098
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063822.D
 Acq: 2 Oct 2020 15:33

Tgt Ion: 114 Resp: 397224
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.0
 88 17.0 0.0 34.0

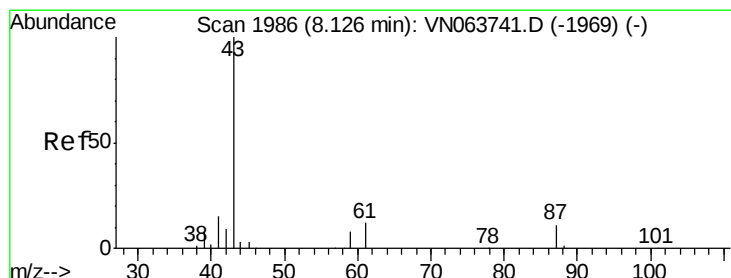
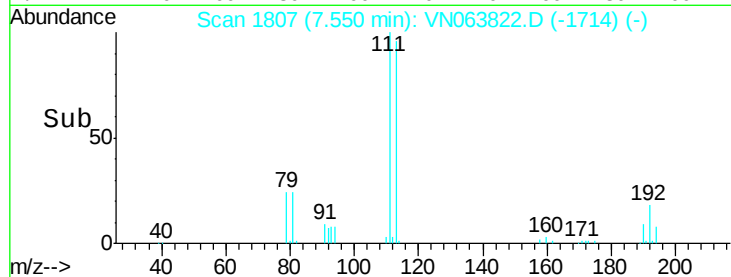
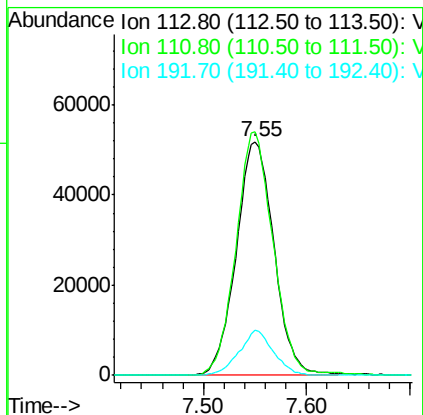
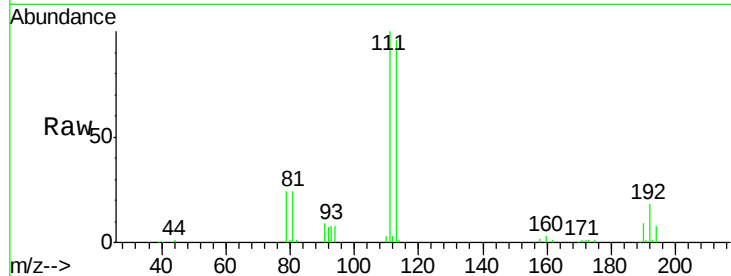




#35
 Dibromofluoromethane
 Concen: 47.840 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063822.D
 Acq: 2 Oct 2020 15:33

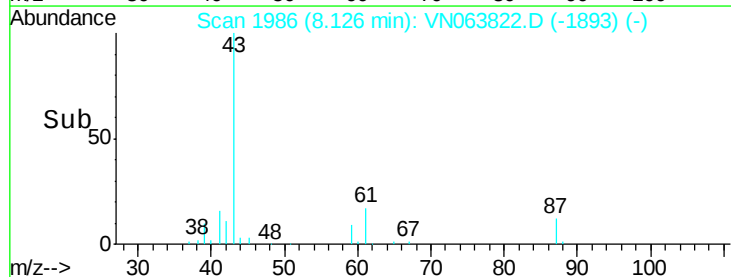
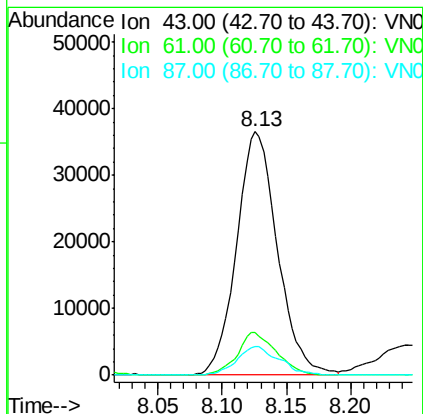
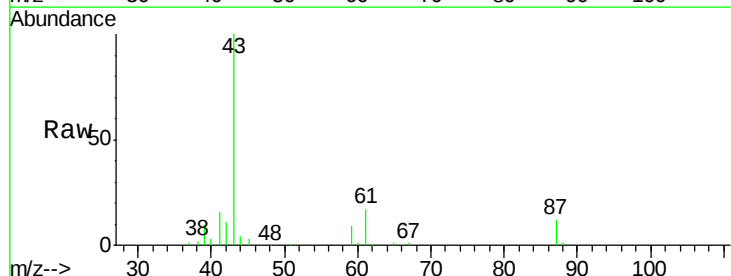
Instrument :
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 ClientSampleId :
 PB132030ZHE#01

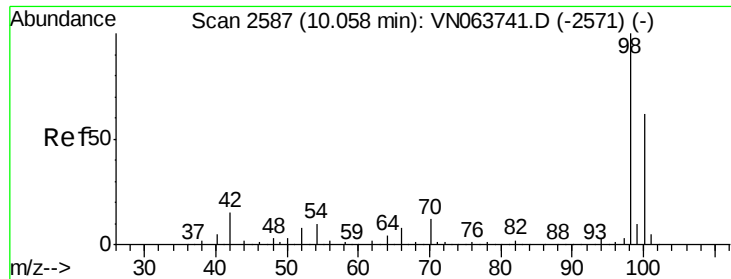
Tot Ion:113 Resp: 131860
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.8 122.8
 192 17.6 14.2 21.2



#43
 Isopropyl Acetate
 Concen: 12.233 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN063822.D
 Acq: 2 Oct 2020 15:33

Tgt Ion: 43 Resp: 80676
 Ion Ratio Lower Upper
 43 100
 61 16.6 14.2 21.4
 87 12.1 9.0 13.6

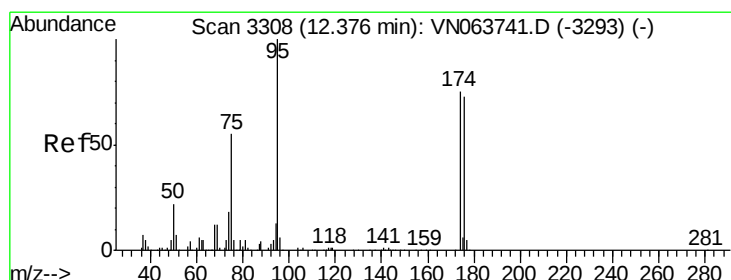
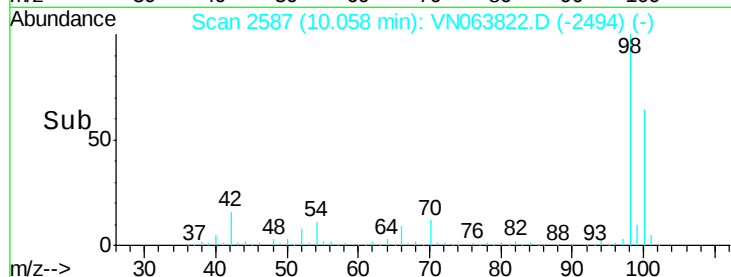
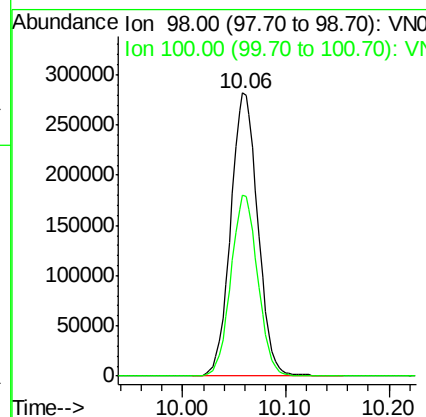
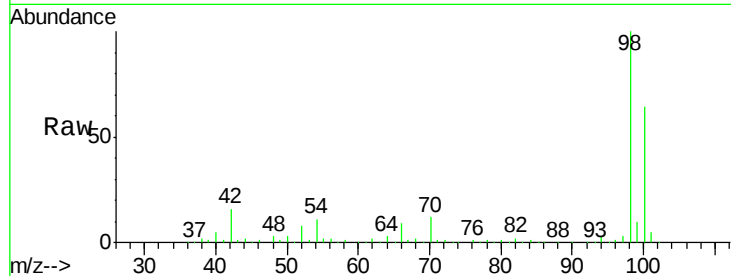




#50
Toluene-d8
Concen: 49.514 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063822.D
Acq: 2 Oct 2020 15:33

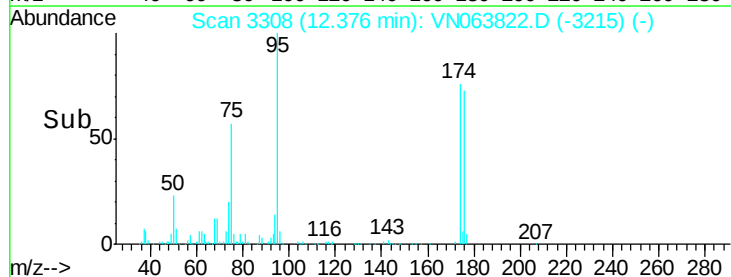
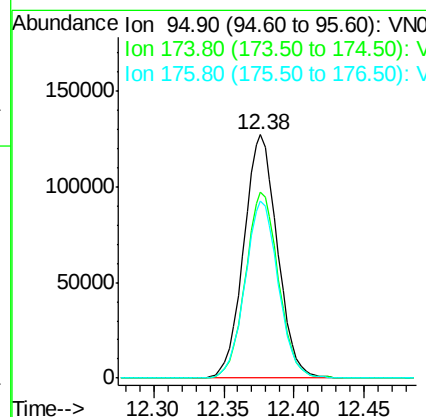
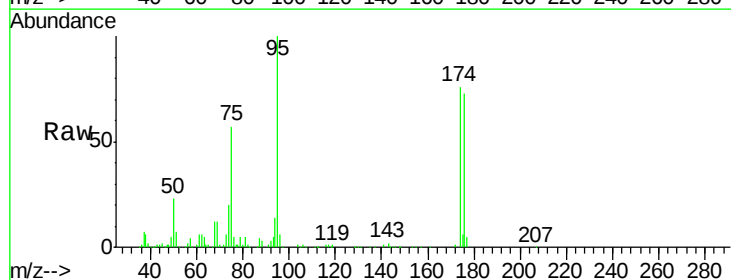
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MSVOA_N
ClientSampleId :
PB132030ZHE#01

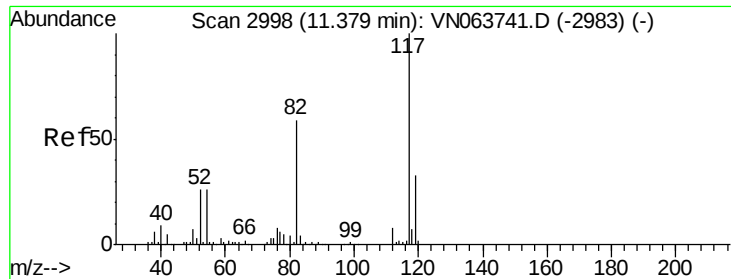
Tot Ion: 98 Resp: 517350
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.6



#62
4-Bromofluorobenzene
Concen: 54.042 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063822.D
Acq: 2 Oct 2020 15:33

Tgt Ion: 95 Resp: 212264
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.6
176 72.1 0.0 145.4

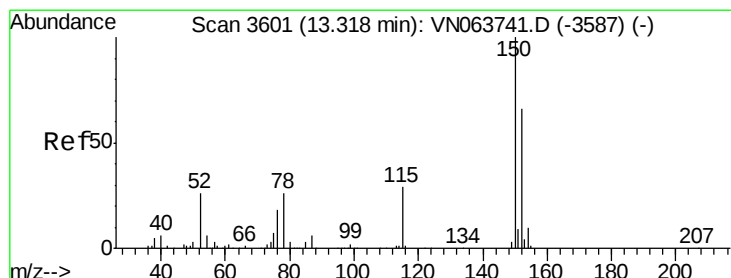
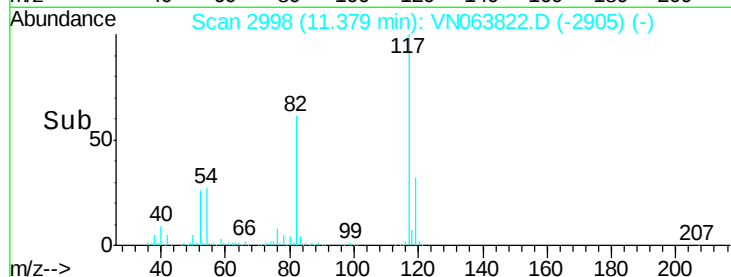
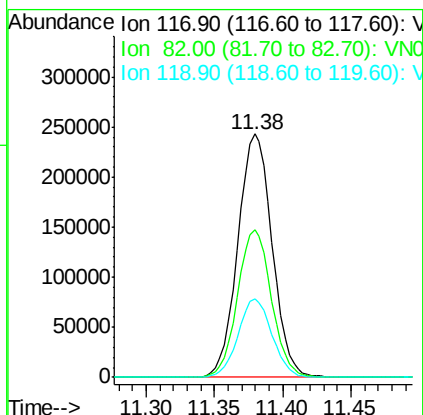
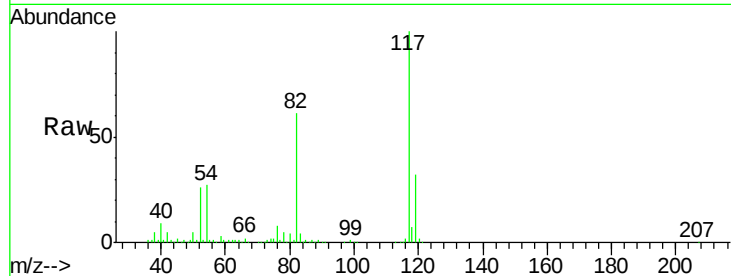




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063822.D
Acq: 2 Oct 2020 15:33

Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#01

Tot Ion:117 Resp: 424429
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 32.2 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: VN063822.D
Acq: 2 Oct 2020 15:33

Tgt Ion:152 Resp: 177612
Ion Ratio Lower Upper
152 100
115 63.1 31.3 93.8
150 156.7 0.0 341.8

