

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063830.D
 Acq On : 2 Oct 2020 18:44
 Operator : JC/MD
 Sample : PB132030ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132030ZHE#09

Quant Time: Oct 05 06:23:18 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

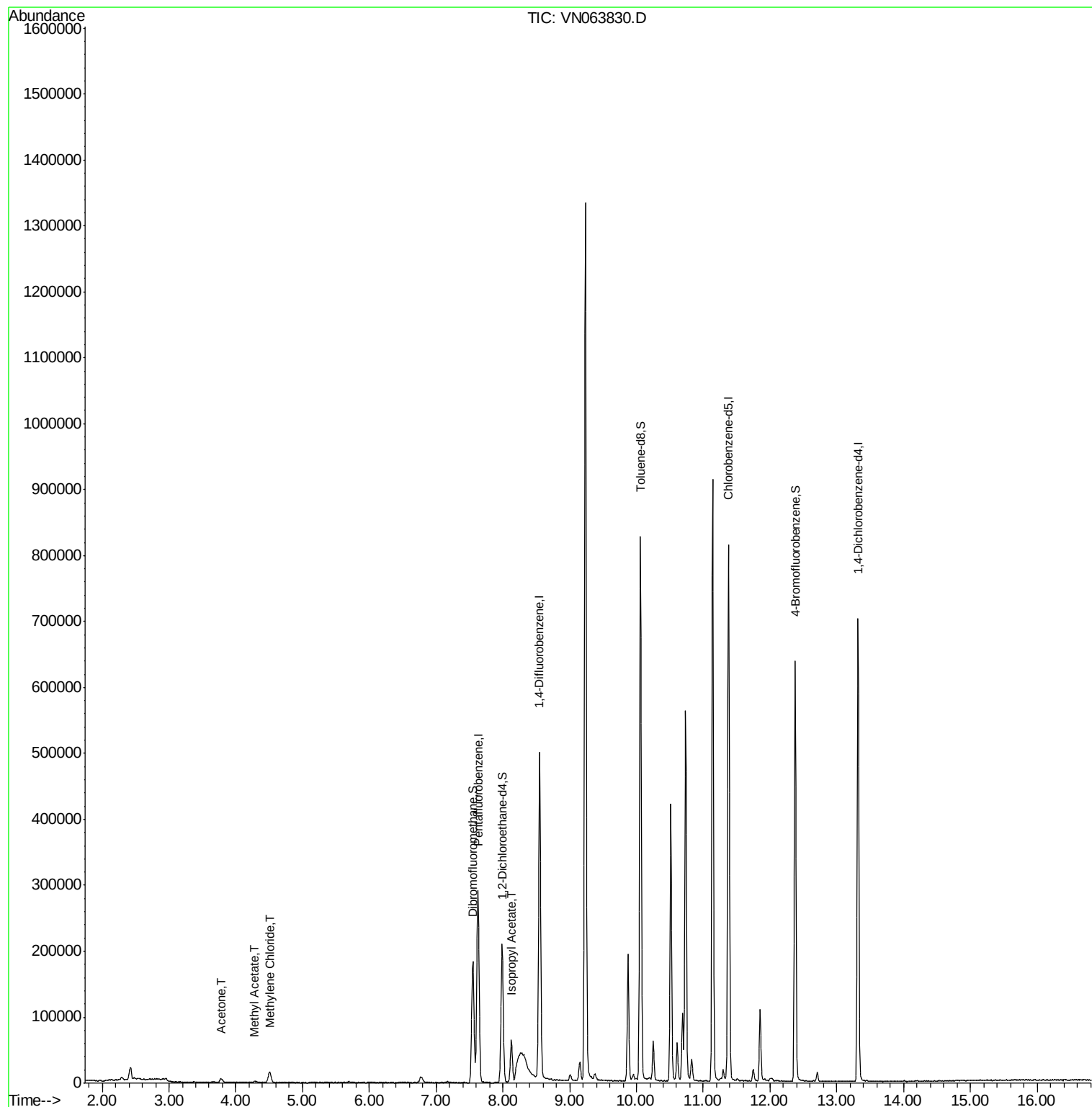
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	214602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	426015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	192392	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.54%	
35) Dibromofluoromethane	7.55	113	135753	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
50) Toluene-d8	10.06	98	526544	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.38	95	207213	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
Target Compounds						
16) Acetone	3.78	43	11831	10.840	ug/l	96
18) Methyl Acetate	4.29	43	3615	1.276	ug/l #	68
20) Methylene Chloride	4.50	84	10676	4.360	ug/l	95
43) Isopropyl Acetate	8.13	43	76583	11.281	ug/l	100

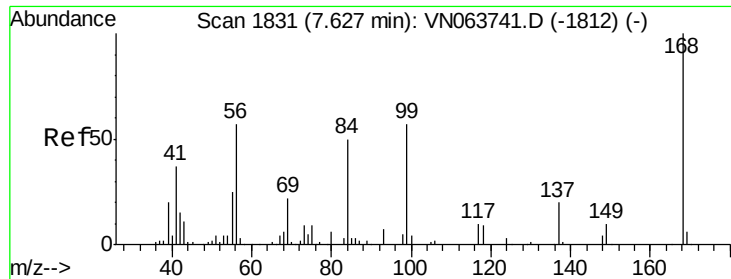
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063830.D

Acq: 2 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

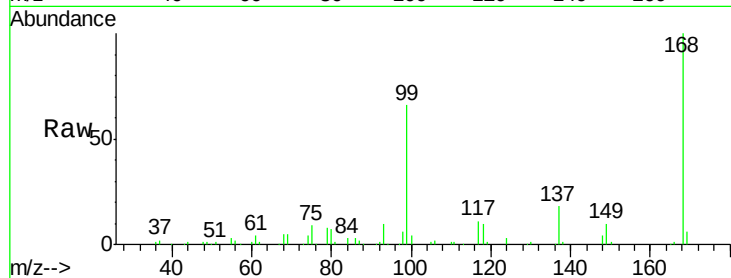
PB132030ZHE#09

Tot Ion:168 Resp: 214602

Ion Ratio Lower Upper

168 100

99 66.1 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

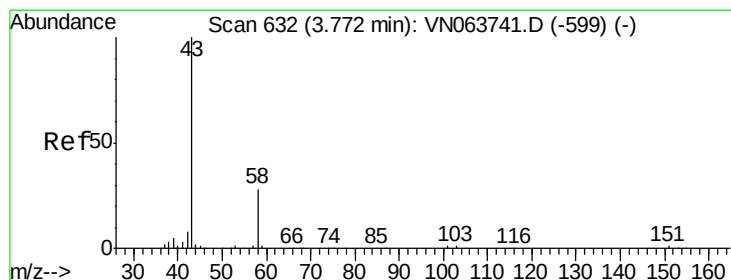
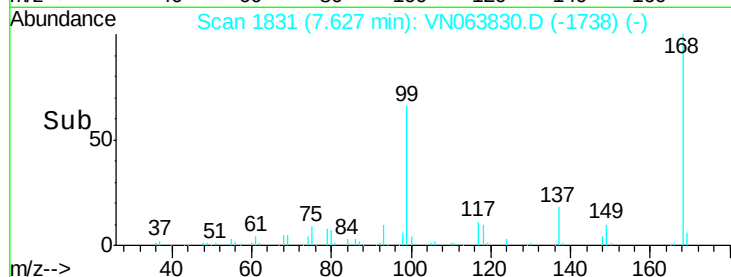
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 10.840 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063830.D

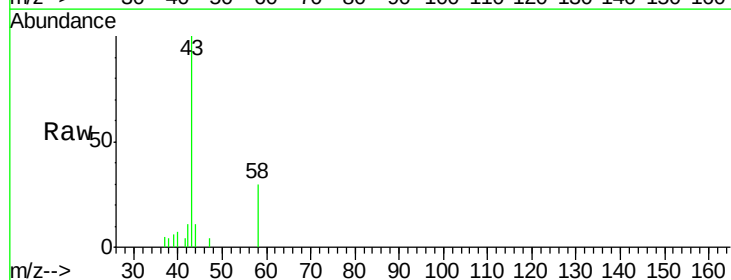
Acq: 2 Oct 2020 18:44

Tgt Ion: 43 Resp: 11831

Ion Ratio Lower Upper

43 100

58 30.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

5000

4000

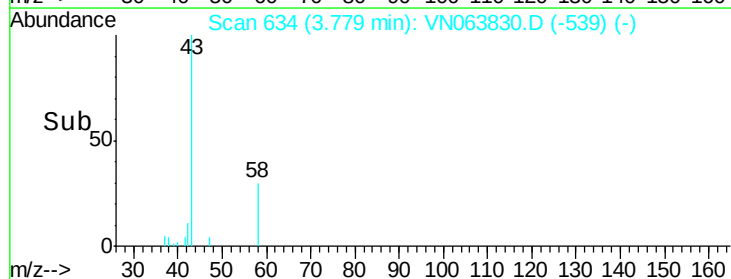
3000

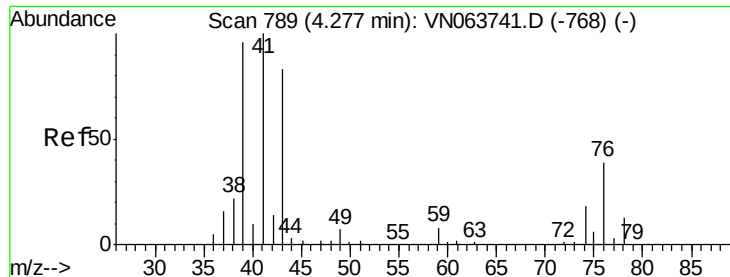
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#18

Methvl Acetate

Concen: 1.276 ug/l

RT: 4.29 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN063830.D

Acq: 2 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

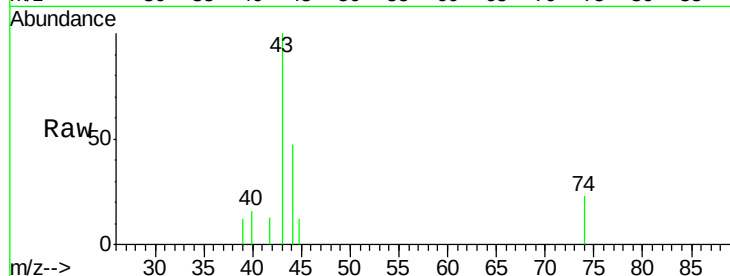
PB132030ZHE#09

Tot Ion: 43 Resp: 3615

Ion Ratio Lower Upper

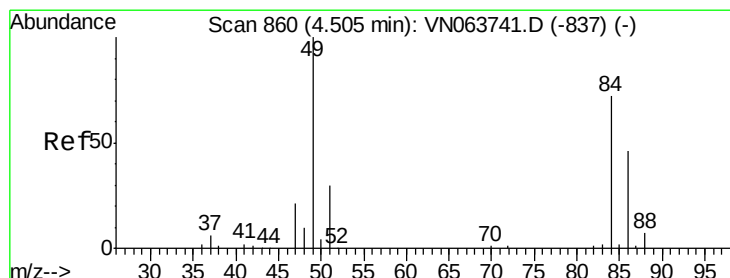
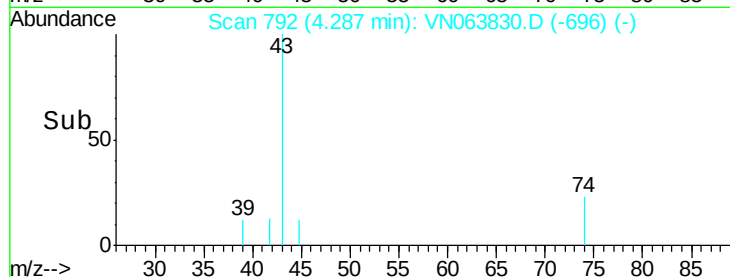
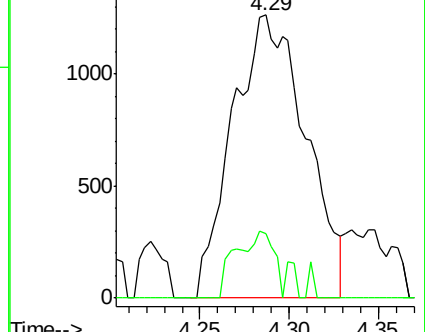
43 100

74 6.6 17.4 26.2#



Abundance Ion 43.00 (42.70 to 43.70): VN063830.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN063830.D (-696) (-)



#20

Methylene Chloride

Concen: 4.360 ug/l

RT: 4.50 min Scan# 858

Delta R.T. -0.01 min

Lab File: VN063830.D

Acq: 2 Oct 2020 18:44

Tgt Ion: 84 Resp: 10676

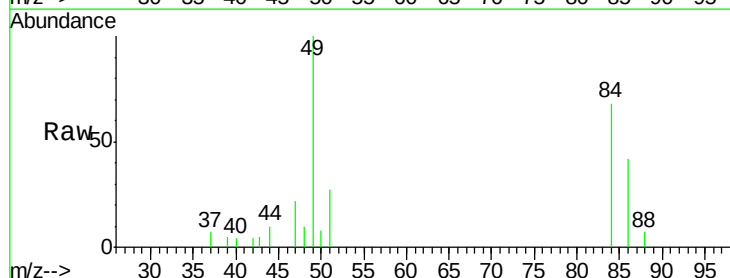
Ion Ratio Lower Upper

84 100

49 147.6 110.4 165.6

51 39.8 33.3 49.9

86 62.3 50.7 76.1

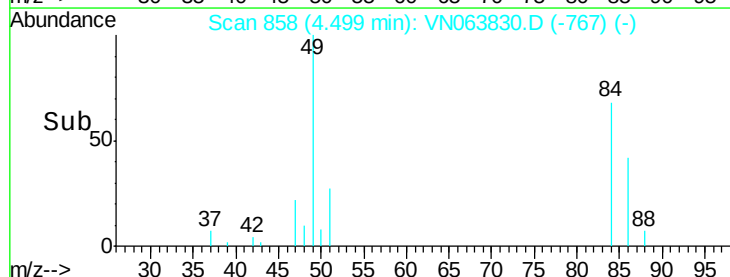
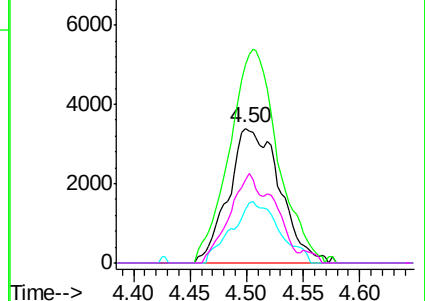


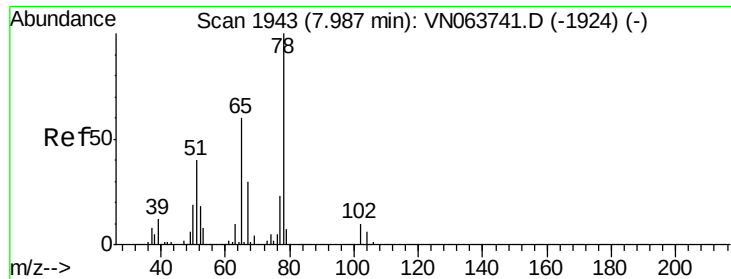
Abundance Ion 83.90 (83.60 to 84.60): VN063830.D (-767) (-)

Ion 48.90 (48.60 to 49.60): VN063830.D (-767) (-)

Ion 50.90 (50.60 to 51.60): VN063830.D (-767) (-)

Ion 85.90 (85.60 to 86.60): VN063830.D (-767) (-)

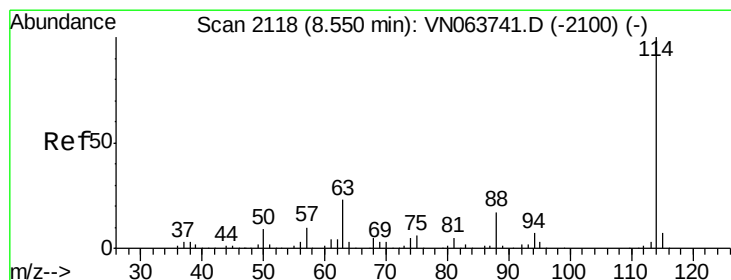
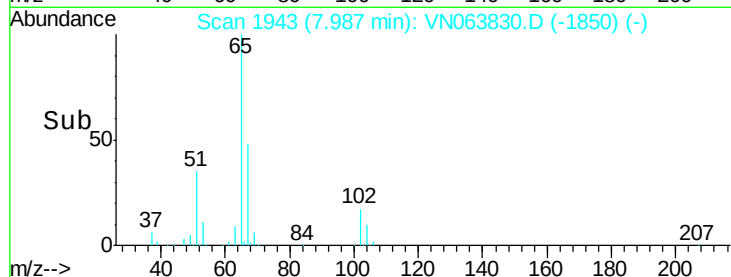
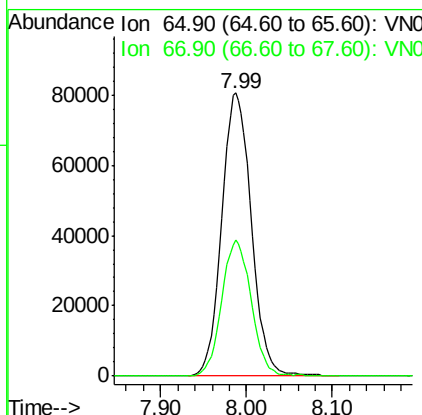
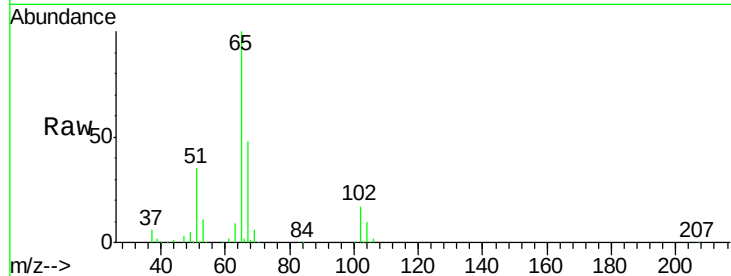




#33
 1,2-Dichloroethane-d4
 Concen: 54.266 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063830.D
 Acq: 2 Oct 2020 18:44

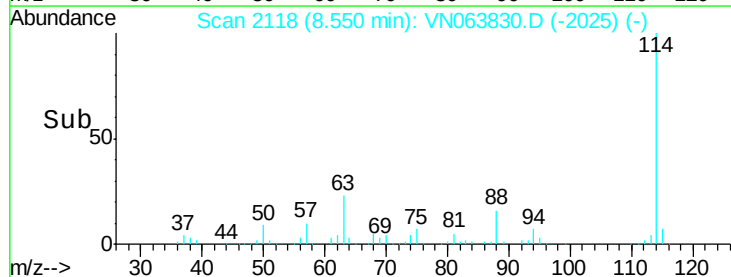
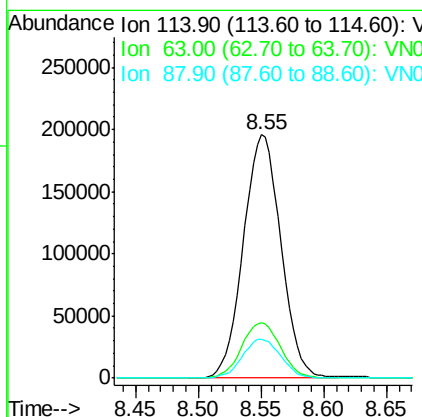
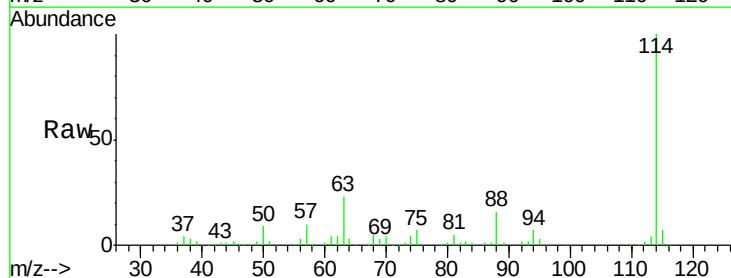
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132030ZHE#09

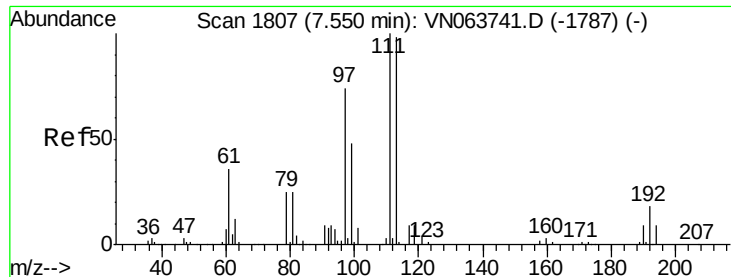
Tot Ion: 65 Resp: 192392
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063830.D
 Acq: 2 Oct 2020 18:44

Tgt Ion: 114 Resp: 408892
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.0
 88 15.8 0.0 34.0

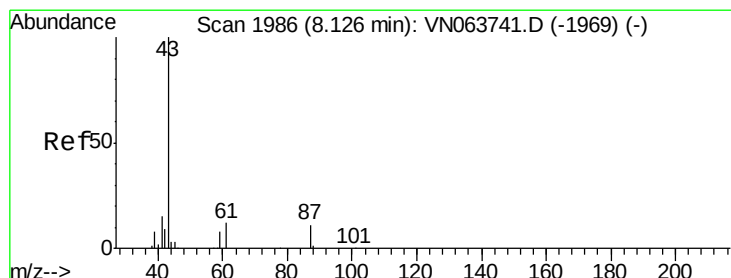
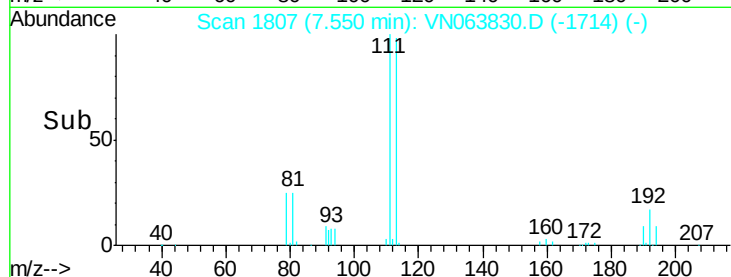
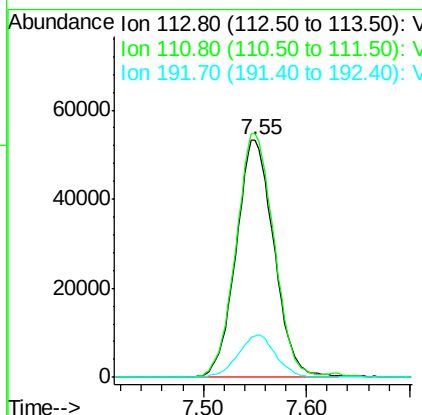
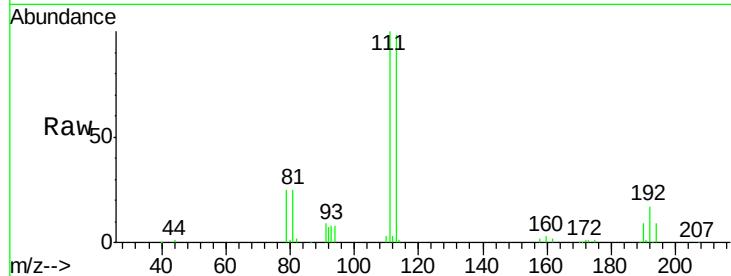




#35
 Dibromofluoromethane
 Concen: 47.847 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063830.D
 Acq: 2 Oct 2020 18:44

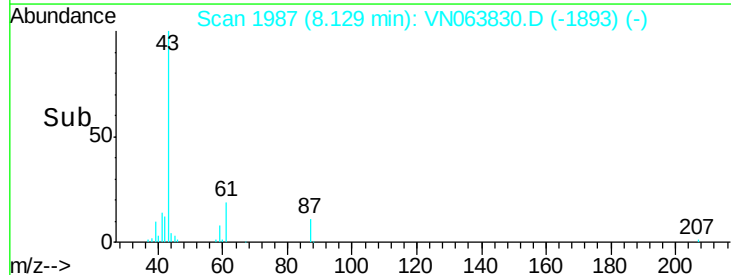
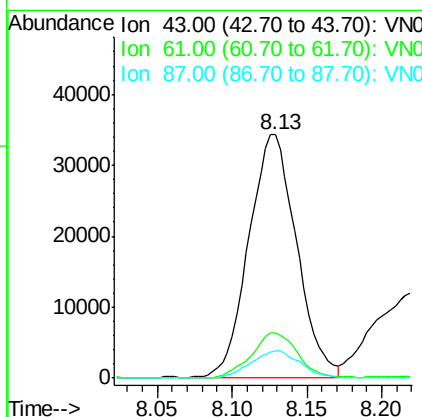
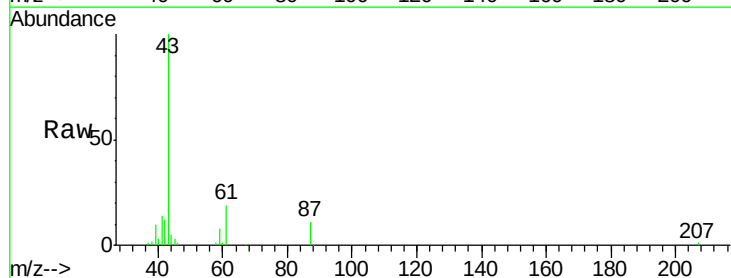
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132030ZHE#09

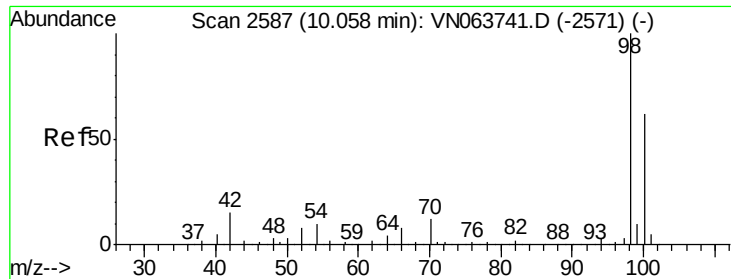
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.8
192	17.5	14.2	21.2



#43
 Isopropyl Acetate
 Concen: 11.281 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063830.D
 Acq: 2 Oct 2020 18:44

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.2	21.4
87	11.4	9.0	13.6





#50

Toluene-d8

Concen: 48.956 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063830.D

Acq: 2 Oct 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

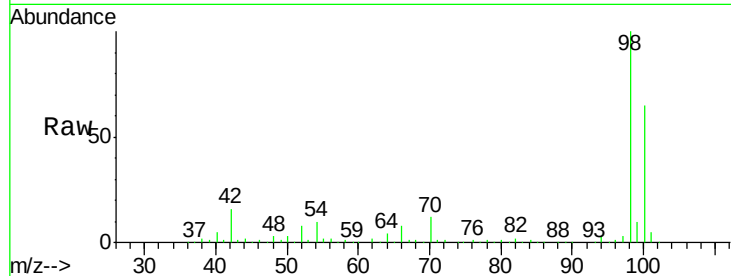
PB132030ZHE#09

Tot Ion: 98 Resp: 526544

Ion Ratio Lower Upper

98 100

100 63.2 49.8 74.6



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

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

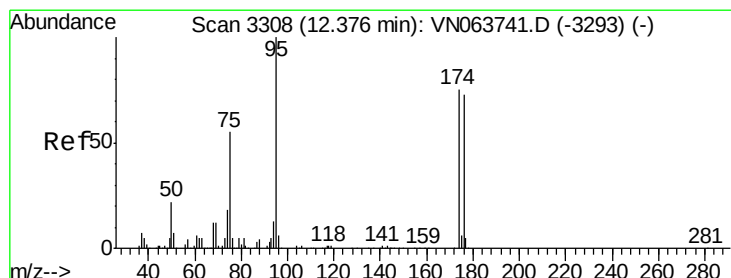
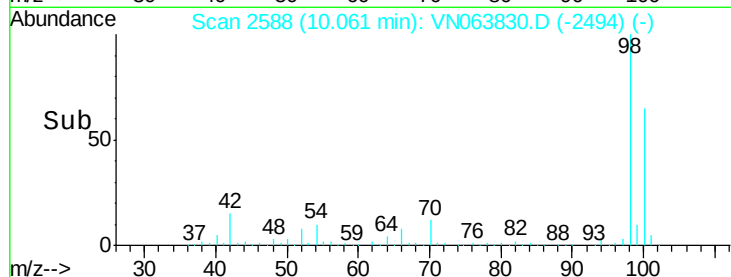
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.251 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063830.D

Acq: 2 Oct 2020 18:44

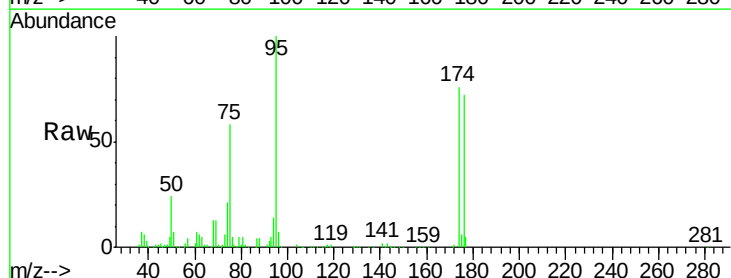
Tgt Ion: 95 Resp: 207213

Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.6

176 71.6 0.0 145.4



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

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

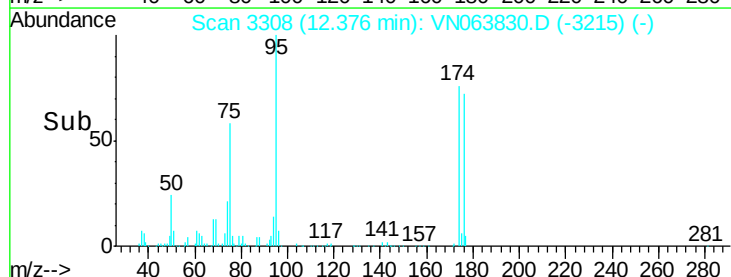
150000

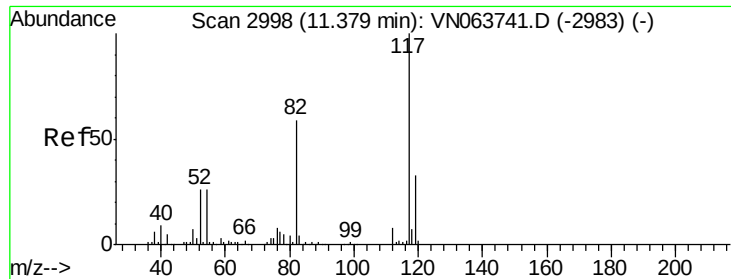
100000

50000

0

Time-->

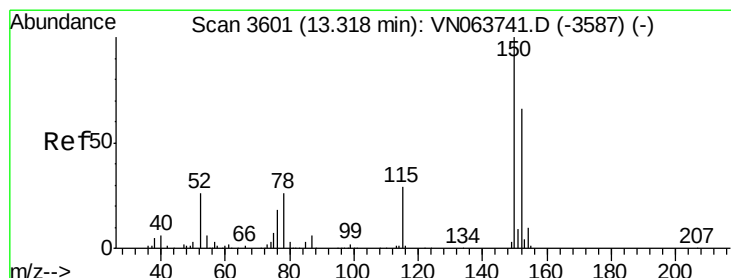
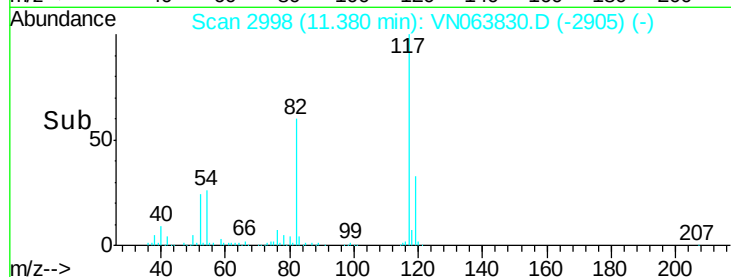
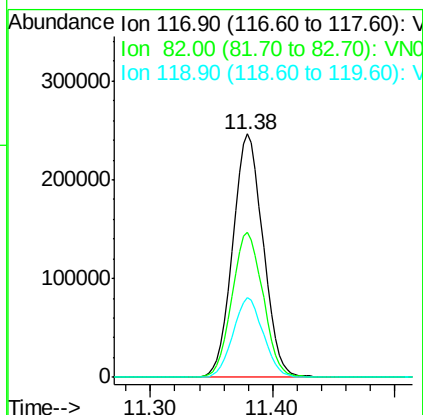
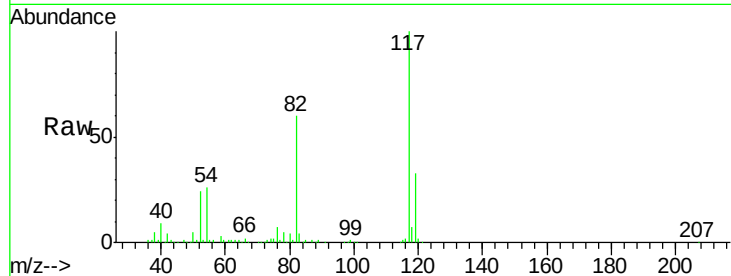




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#09

Tot Ion:117 Resp: 426015
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 32.5 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: VN063830.D
Acq: 2 Oct 2020 18:44

Tgt Ion:152 Resp: 174314
Ion Ratio Lower Upper
152 100
115 63.0 31.3 93.8
150 154.3 0.0 341.8

