

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101620\
 Data File : VN064177.D
 Acq On : 16 Oct 2020 20:18
 Operator : JC/MD
 Sample : PB132400ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132400ZHE#08

Quant Time: Oct 17 02:45:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

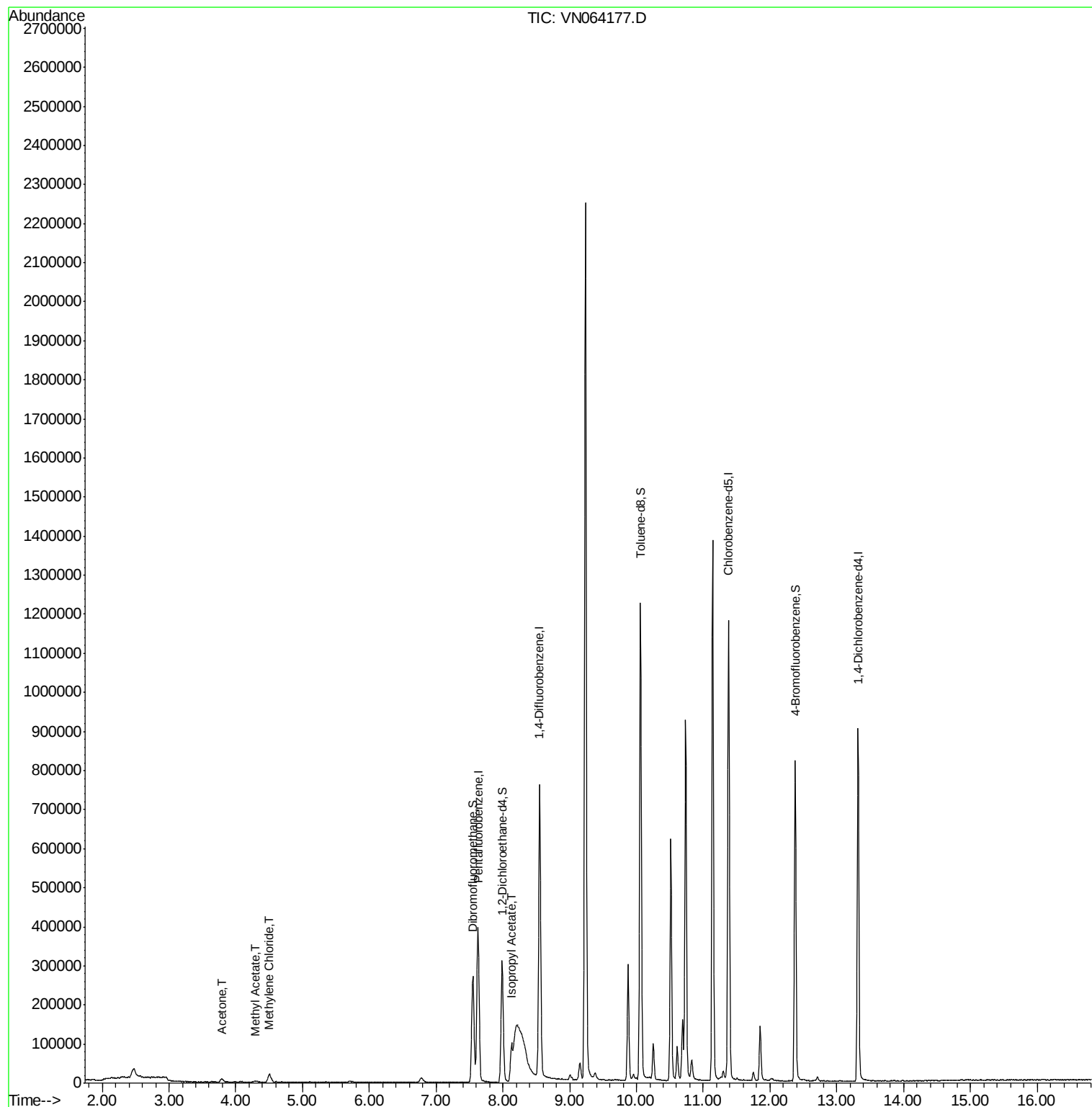
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	300777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	641574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	651669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	227546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	269517	62.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.84%	
35) Dibromofluoromethane	7.55	113	210179	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
50) Toluene-d8	10.06	98	825564	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.38	95	270440	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
Target Compounds						
16) Acetone	3.79	43	13356	10.511	ug/l	99
18) Methyl Acetate	4.29	43	5853	1.836	ug/l #	79
20) Methylene Chloride	4.51	84	14823	3.770	ug/l	90
43) Isopropyl Acetate	8.13	43	130925	14.376	ug/l #	83

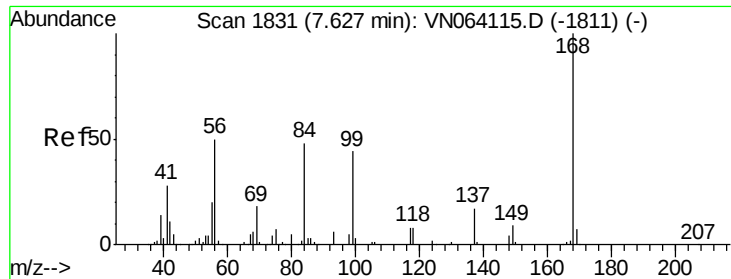
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 15 01:16:44 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064177.D

Acq: 16 Oct 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

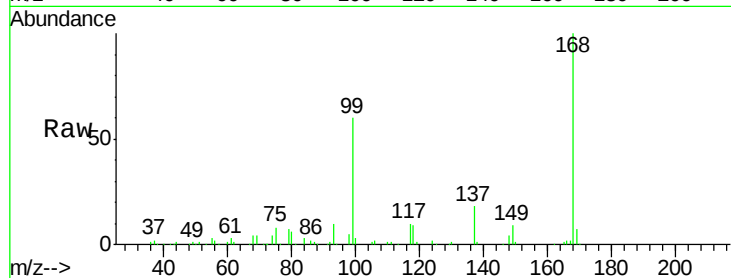
PB132400ZHE#08

Tot Ion:168 Resp: 300777

Ion Ratio Lower Upper

168 100

99 59.6 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

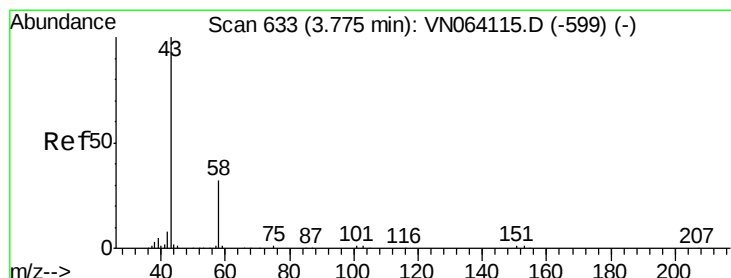
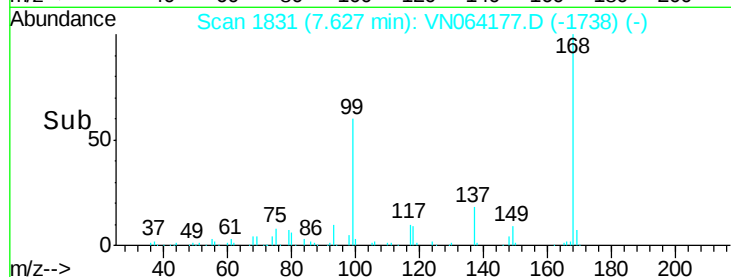
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 10.511 ug/l

RT: 3.79 min Scan# 638

Delta R.T. 0.02 min

Lab File: VN064177.D

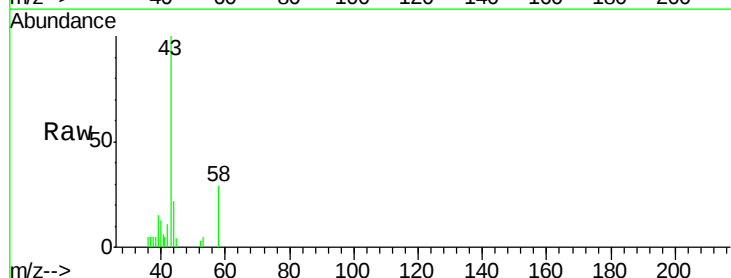
Acq: 16 Oct 2020 20:18

Tgt Ion: 43 Resp: 13356

Ion Ratio Lower Upper

43 100

58 30.8 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

5000

4000

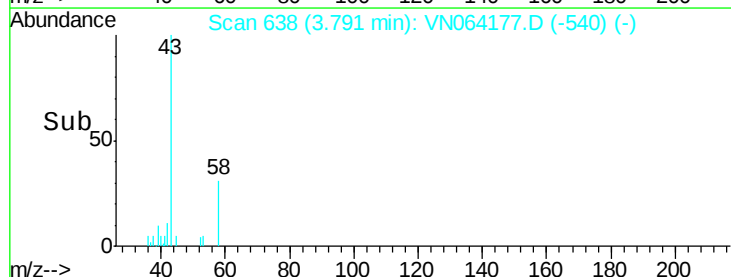
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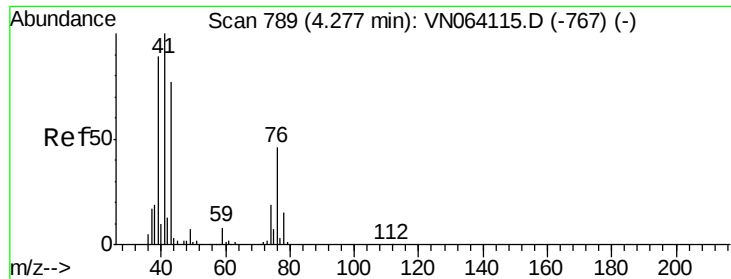
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

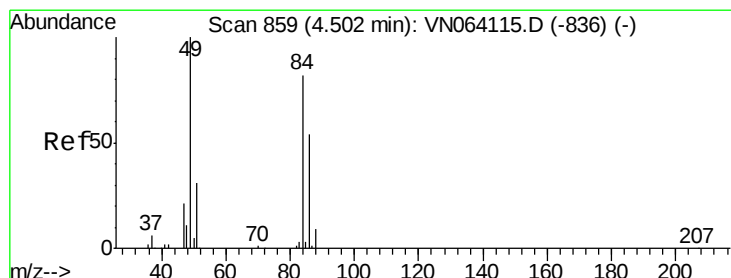
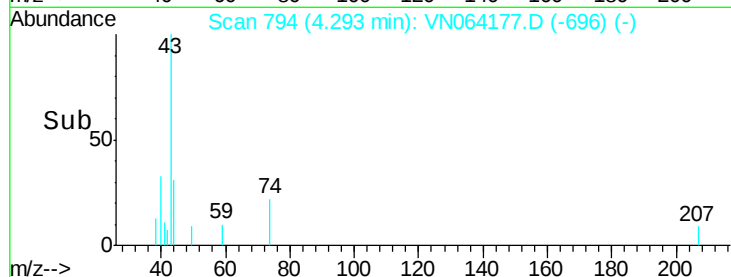
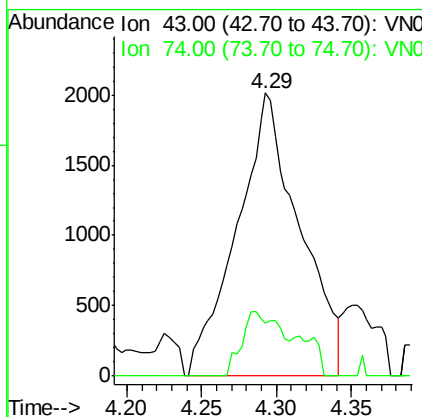
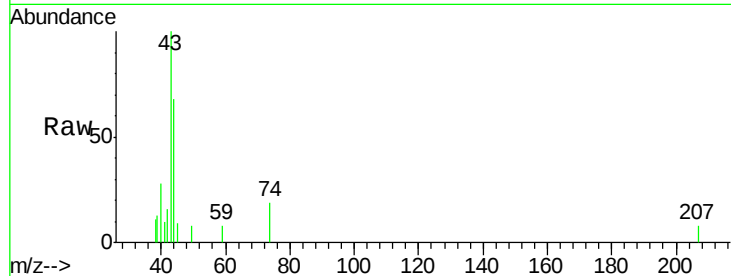




#18
Methyl Acetate
Concen: 1.836 ug/l
RT: 4.29 min Scan# 794
Delta R.T. 0.02 min
Lab File: VN064177.D
Acq: 16 Oct 2020 20:18

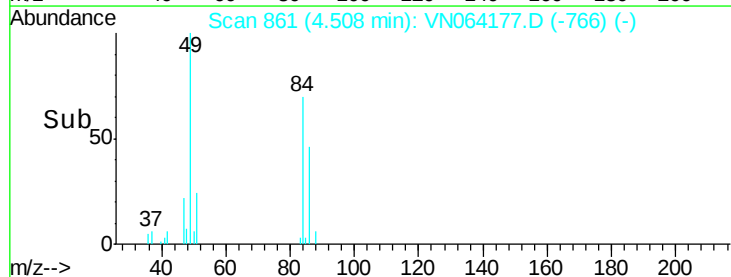
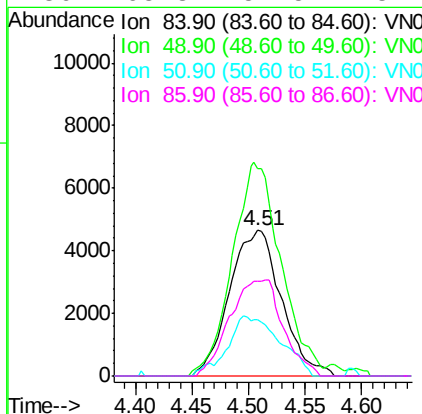
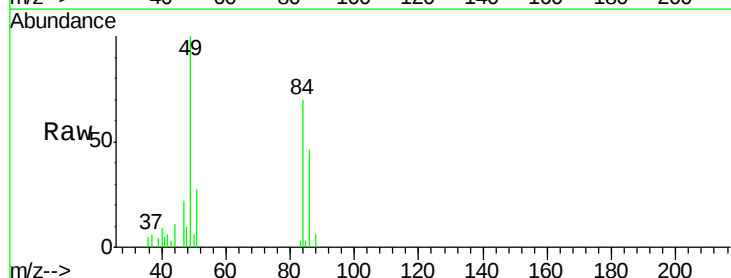
Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#08

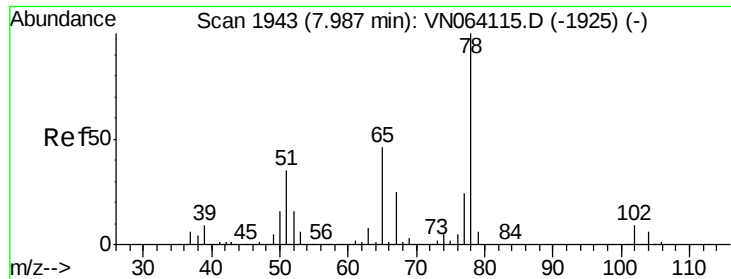
Tot Ion: 43 Resp: 5853
Ion Ratio Lower Upper
43 100
74 14.0 19.7 29.5#



#20
Methylene Chloride
Concen: 3.770 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064177.D
Acq: 16 Oct 2020 20:18

Tgt Ion: 84 Resp: 14823
Ion Ratio Lower Upper
84 100
49 142.5 97.4 146.0
51 38.2 29.7 44.5
86 65.3 52.5 78.7

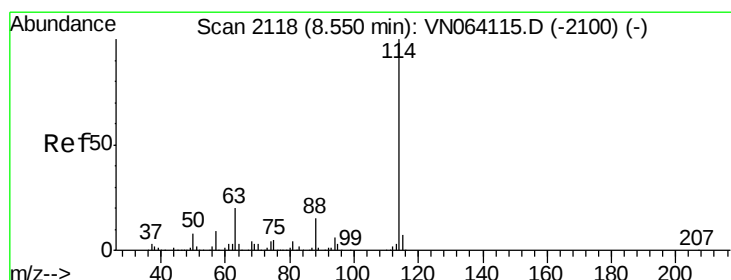
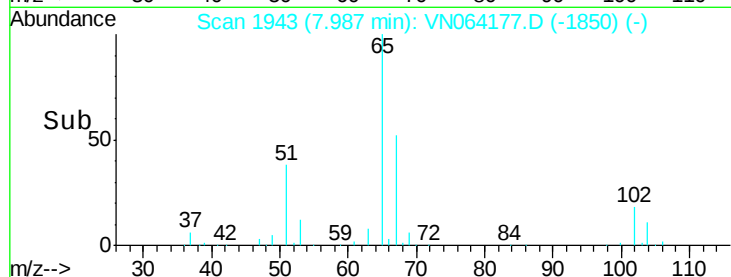
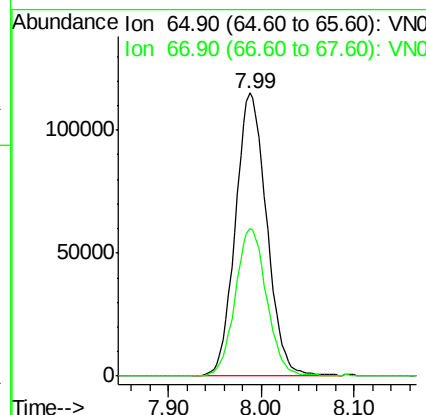
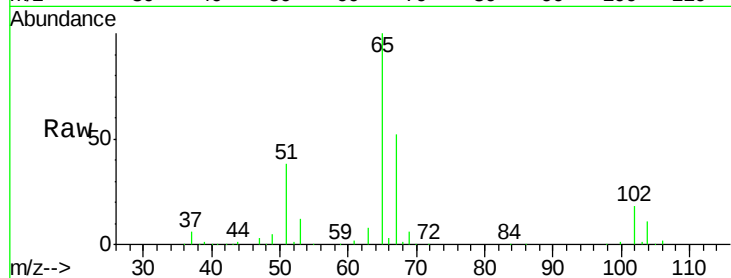




#33
 1,2-Dichloroethane-d4
 Concen: 62.917 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064177.D
 Acq: 16 Oct 2020 20:18

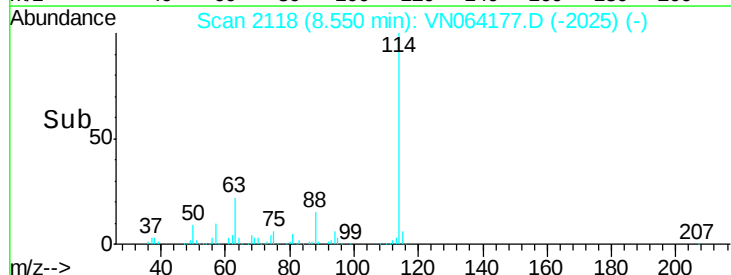
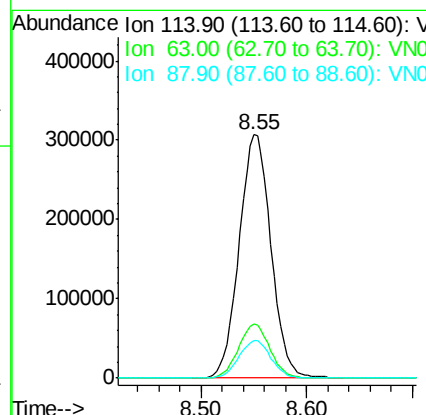
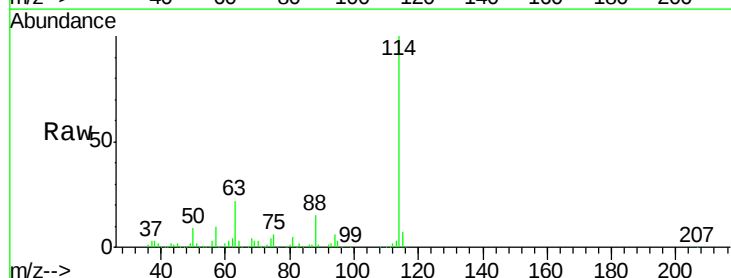
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132400ZHE#08

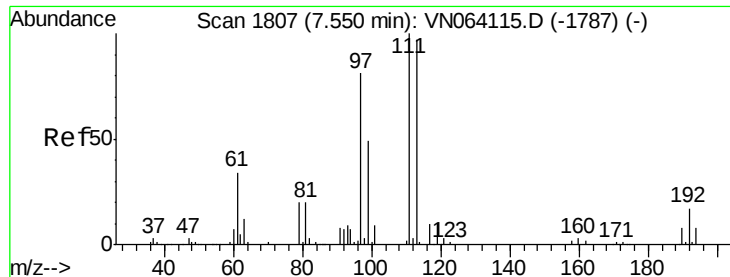
Tot Ion: 65 Resp: 269517
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064177.D
 Acq: 16 Oct 2020 20:18

Tgt Ion: 114 Resp: 641574
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 41.0
 88 15.4 0.0 29.2

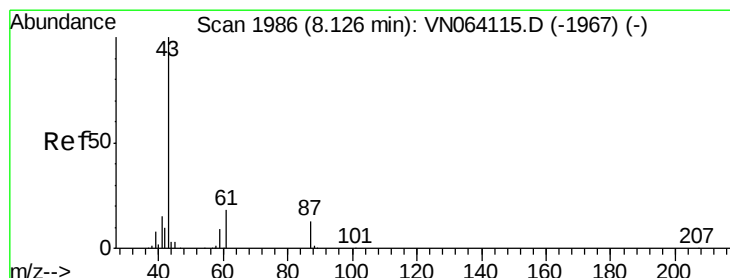
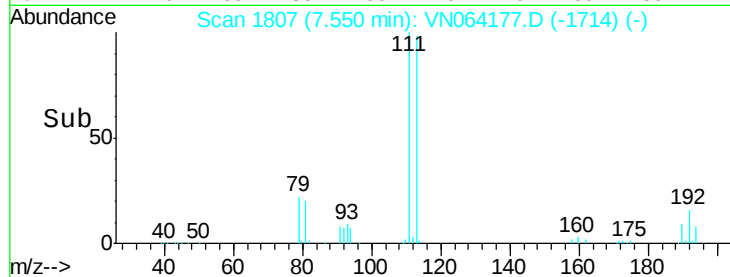
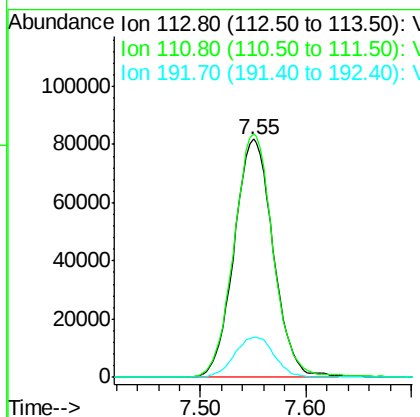
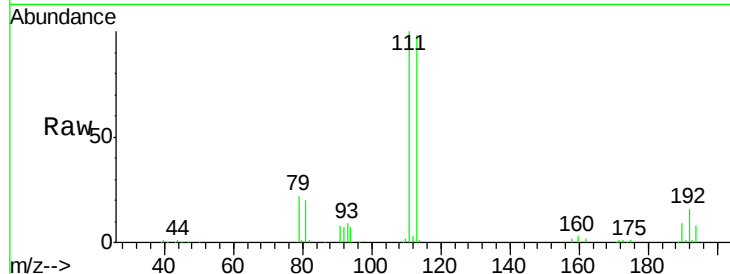




#35
 Dibromofluoromethane
 Concen: 47.331 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064177.D
 Acq: 16 Oct 2020 20:18

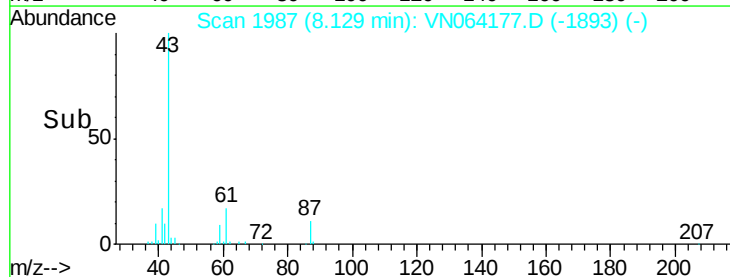
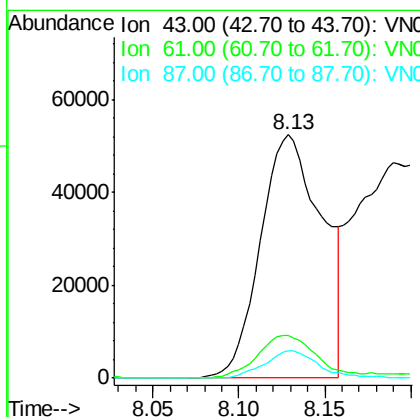
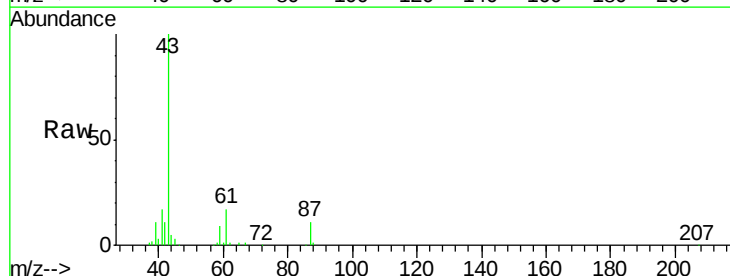
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132400ZHE#08

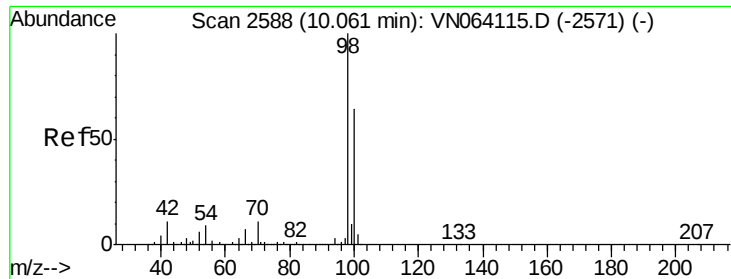
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	17.2	14.3	21.5



#43
 Isopropyl Acetate
 Concen: 14.376 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064177.D
 Acq: 16 Oct 2020 20:18

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.7	21.9	32.9#
87	9.6	11.0	16.4#





#50

Toluene-d8

Concen: 49.272 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064177.D

Acq: 16 Oct 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

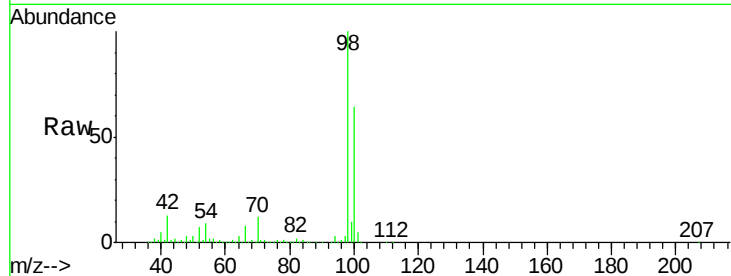
PB132400ZHE#08

Tot Ion: 98 Resp: 825564

Ion Ratio Lower Upper

98 100

100 63.2 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

400000

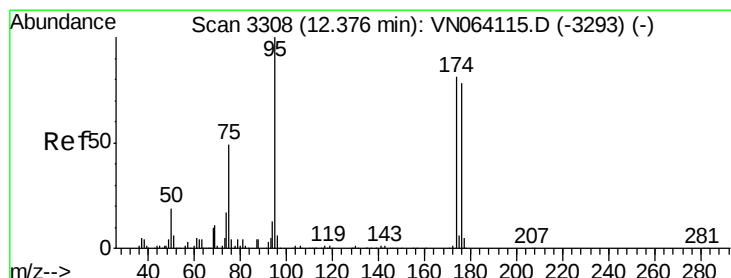
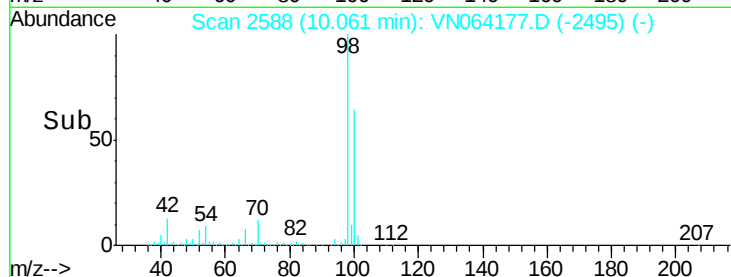
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.958 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064177.D

Acq: 16 Oct 2020 20:18

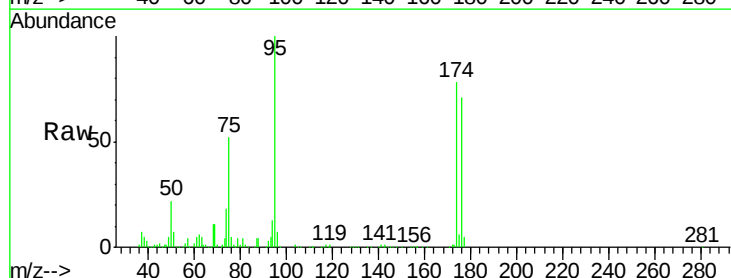
Tgt Ion: 95 Resp: 270440

Ion Ratio Lower Upper

95 100

174 80.0 0.0 164.8

176 74.4 0.0 157.8



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

200000

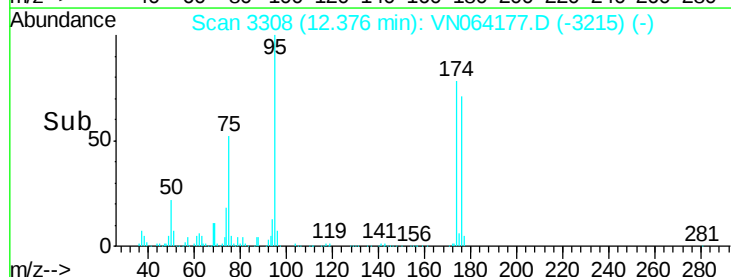
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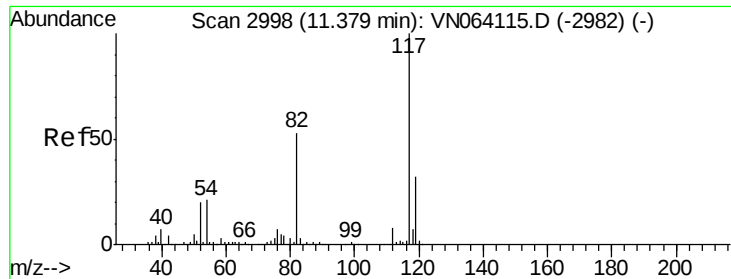
100000

50000

0

Time-->

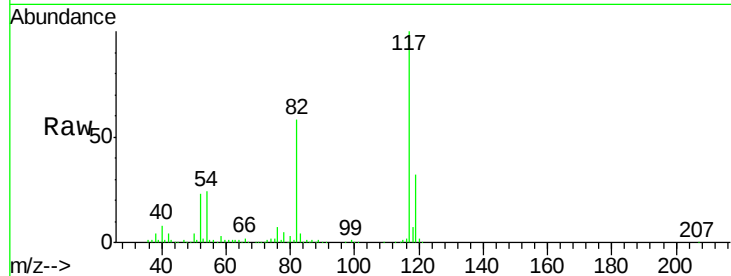




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064177.D
Acq: 16 Oct 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#08

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	42.6	63.8
119	32.2	25.5	38.3

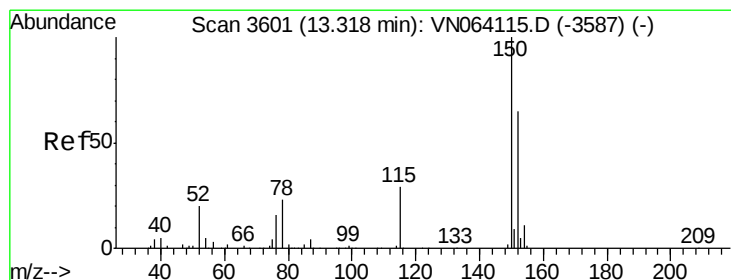
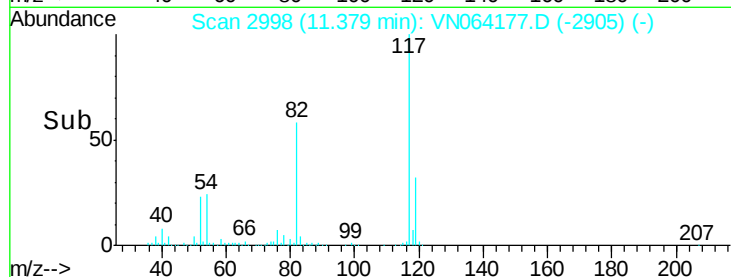
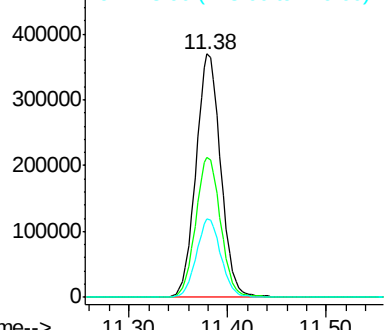


Abundance

Ion 116.90 (116.60 to 117.60): V

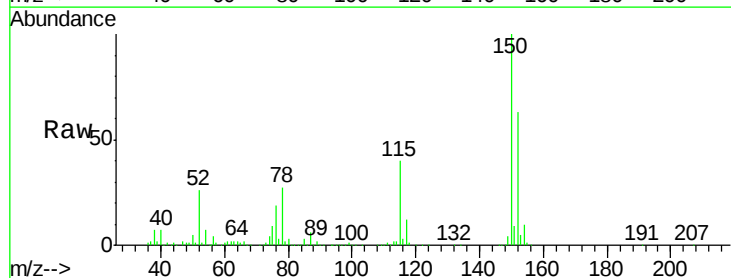
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN064177.D
Acq: 16 Oct 2020 20:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.5	29.3	87.8
150	158.9	0.0	346.0



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

