

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064446.D
 Acq On : 4 Nov 2020 19:14
 Operator : JC/MD
 Sample : PB132810ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132810ZHE#01

Quant Time: Nov 05 01:48:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

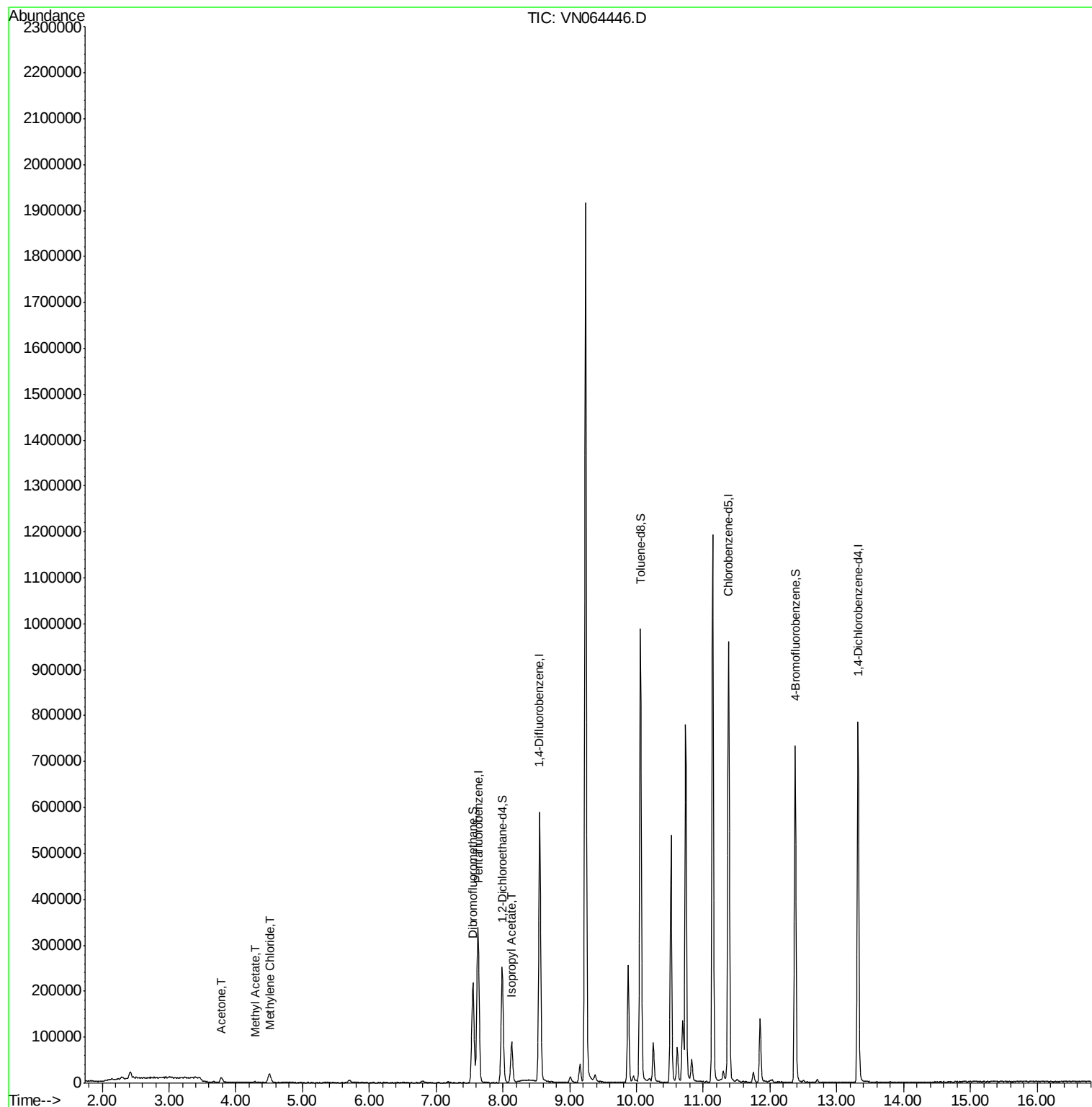
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	244710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	488357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	516103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	195194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	229652	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
35) Dibromofluoromethane	7.55	113	163222	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	10.06	98	646750	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.38	95	253287	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
Target Compounds						
16) Acetone	3.78	43	17214	10.602	ug/l	99
18) Methyl Acetate	4.29	43	3945	1.236	ug/l #	65
20) Methylene Chloride	4.50	84	13107	4.069	ug/l	92
43) Isopropyl Acetate	8.13	43	106077	12.687	ug/l	99

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

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QLast Update : Wed Nov 04 12:09:03 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: VN064446.D

Acq: 4 Nov 2020 19:14

Instrument :

MSVOA_N

ClientSampleId :

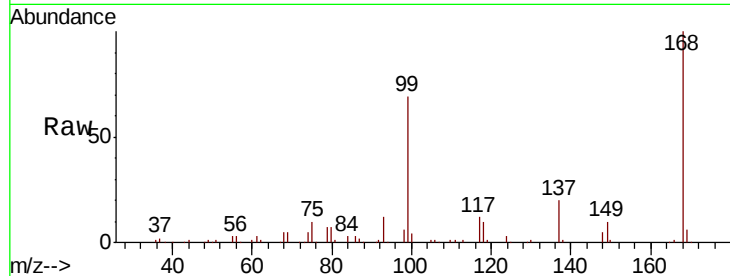
PB132810ZHE#01

Tot Ion:168 Resp: 244710

Ion Ratio Lower Upper

168 100

99 69.1 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

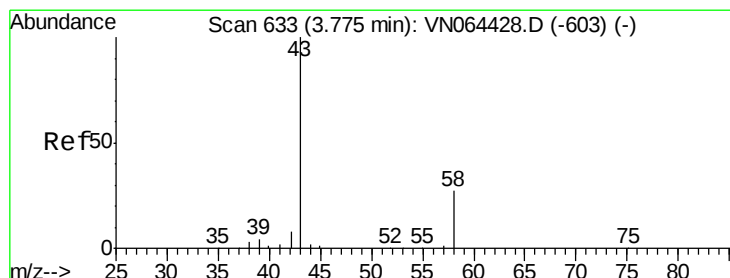
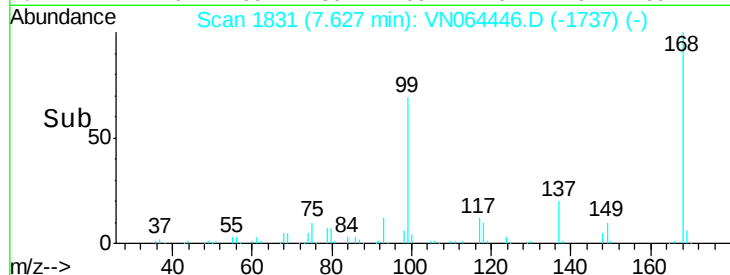
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 10.602 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064446.D

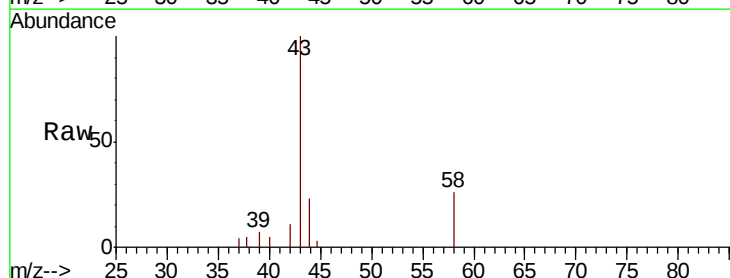
Acq: 4 Nov 2020 19:14

Tgt Ion: 43 Resp: 17214

Ion Ratio Lower Upper

43 100

58 26.1 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

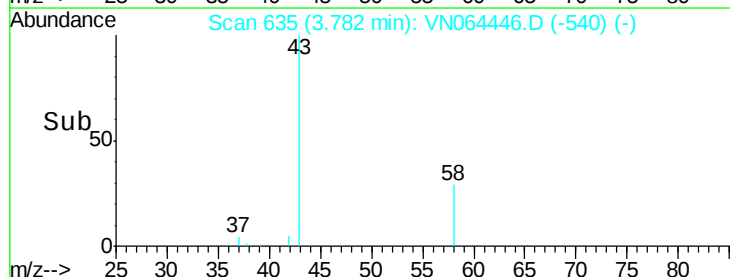
6000

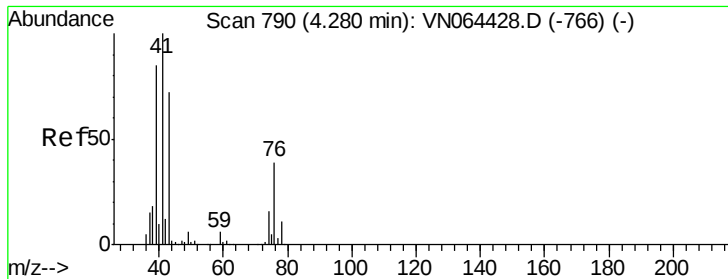
4000

2000

0

Time--> 3.70 3.75 3.80 3.85

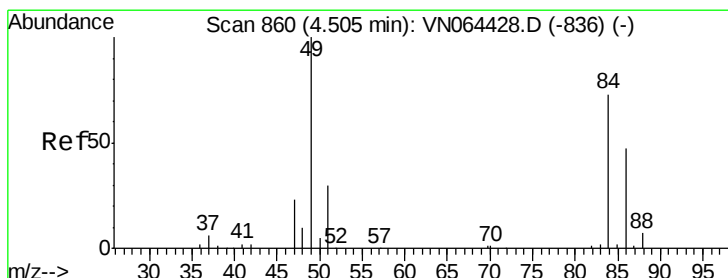
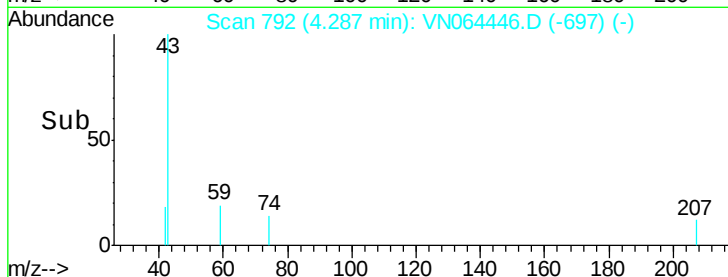
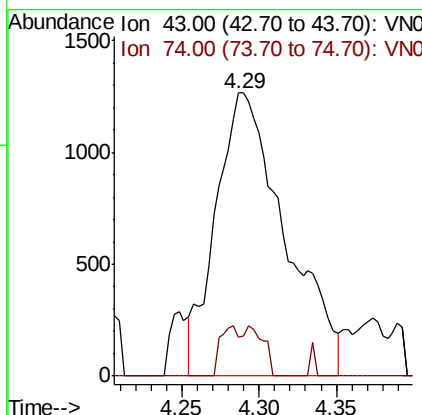
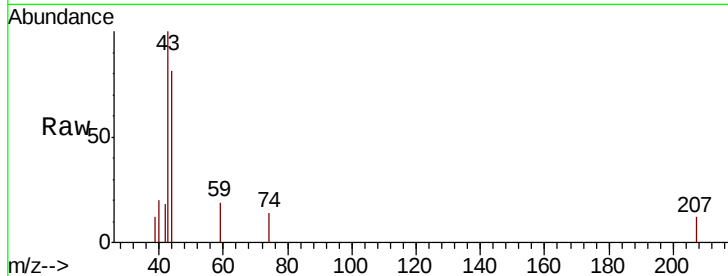




#18
Methyl Acetate
Concen: 1.236 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN064446.D
Acq: 4 Nov 2020 19:14

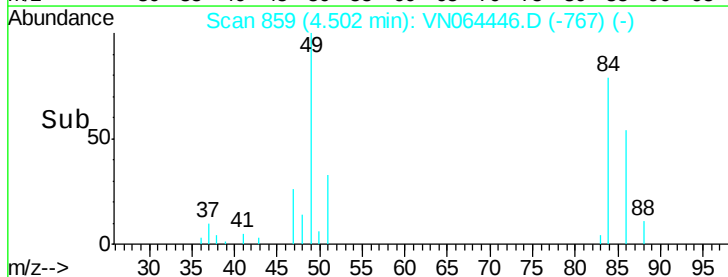
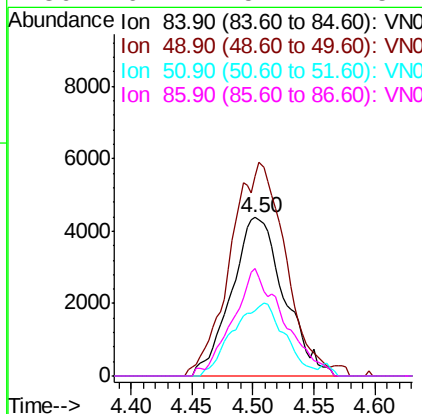
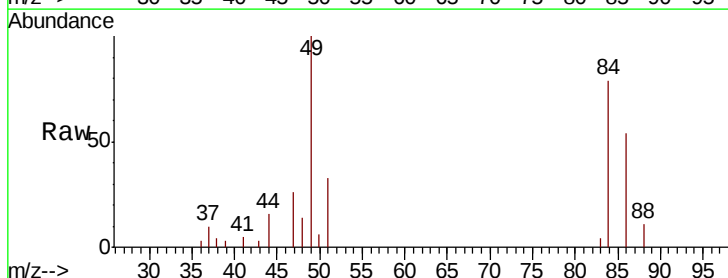
Instrument :
MSVOA_N
ClientSampleId :
PB132810ZHE#01

Tot Ion: 43 Resp: 3945
Ion Ratio Lower Upper
43 100
74 4.7 17.0 25.4#



#20
Methylene Chloride
Concen: 4.069 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064446.D
Acq: 4 Nov 2020 19:14

Tgt Ion: 84 Resp: 13107
Ion Ratio Lower Upper
84 100
49 122.0 110.1 165.1
51 41.1 33.6 50.4
86 67.7 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 53.878 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064446.D

Acq: 4 Nov 2020 19:14

Instrument :

MSVOA_N

ClientSampleId :

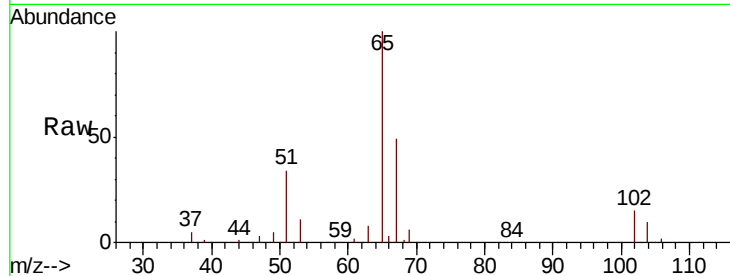
PB132810ZHE#01

Tot Ion: 65 Resp: 229652

Ion Ratio Lower Upper

65 100

67 49.3 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN064428.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN064428.D (-1923) (-)

7.99

100000

80000

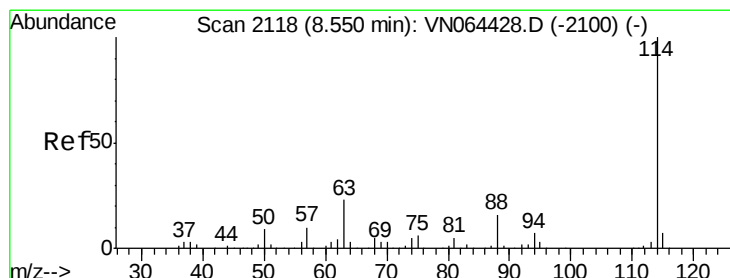
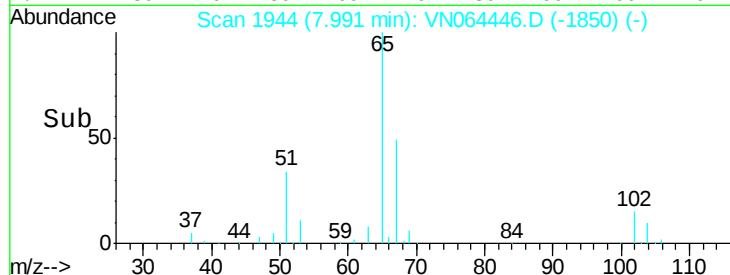
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064446.D

Acq: 4 Nov 2020 19:14

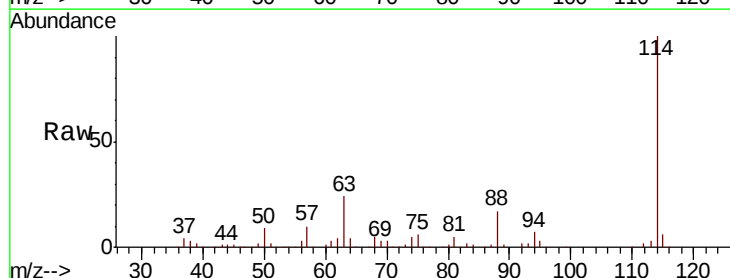
Tgt Ion: 114 Resp: 488357

Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.6

88 16.8 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VN064428.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064428.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064428.D (-2100) (-)

8.55

300000

250000

200000

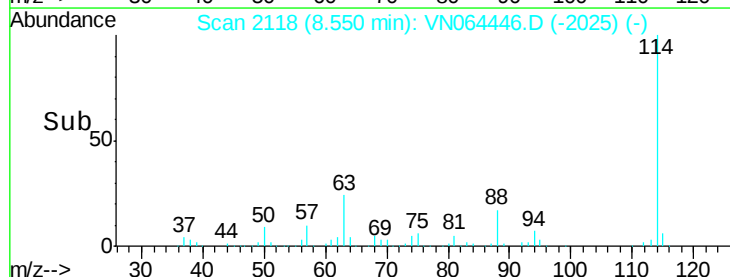
150000

100000

50000

0

Time-->

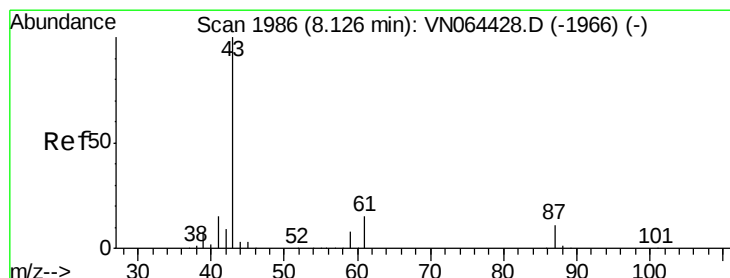
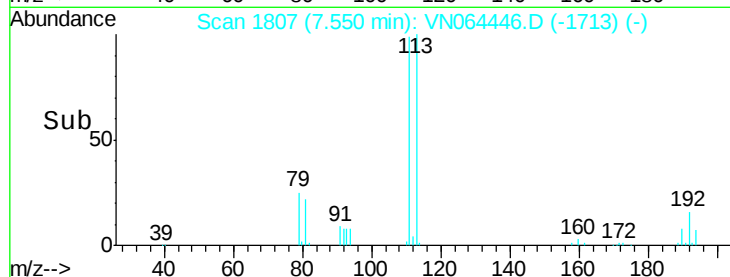
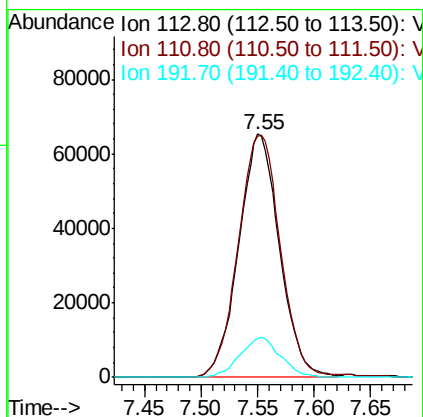
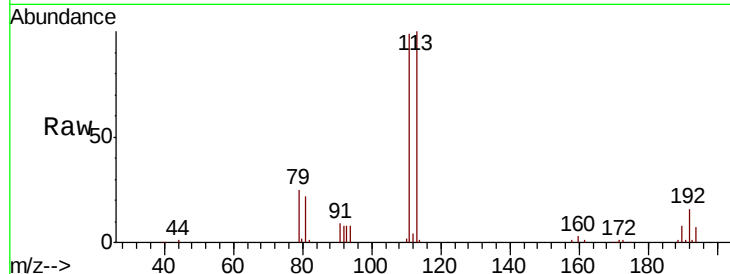




#35
 Dibromofluoromethane
 Concen: 49.089 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064446.D
 Acq: 4 Nov 2020 19:14

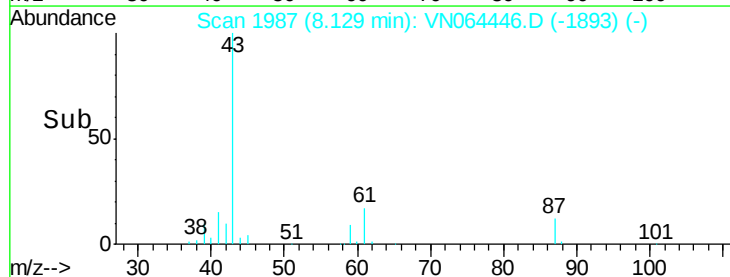
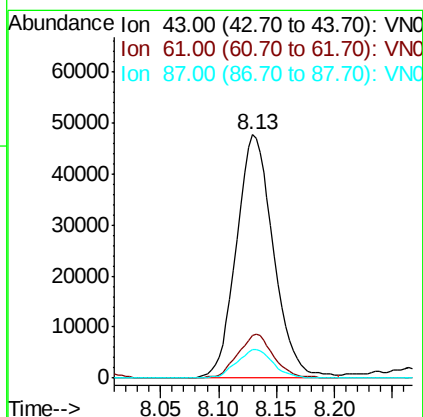
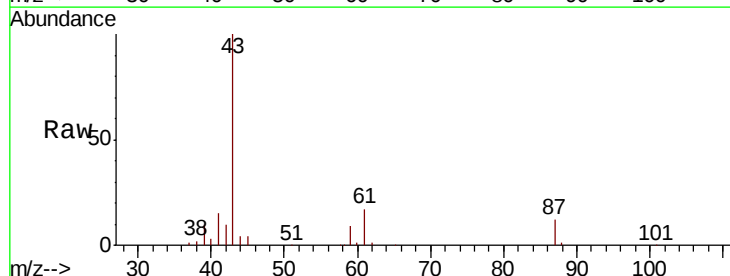
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132810ZHE#01

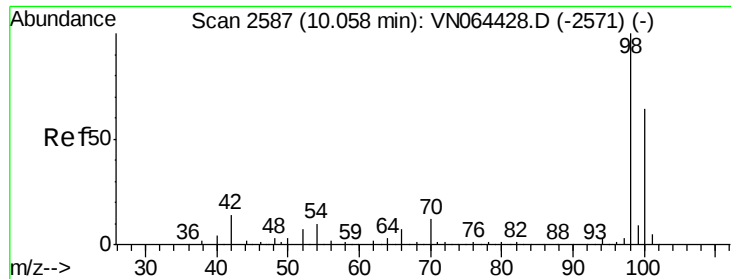
Tot Ion:113 Resp: 163222
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 16.2 12.8 19.2



#43
 Isopropyl Acetate
 Concen: 12.687 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064446.D
 Acq: 4 Nov 2020 19:14

Tgt Ion: 43 Resp: 106077
 Ion Ratio Lower Upper
 43 100
 61 17.1 14.0 21.0
 87 11.5 9.1 13.7





#50

Toluene-d8

Concen: 50.326 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064446.D

Acq: 4 Nov 2020 19:14

Instrument :

MSVOA_N

ClientSampleId :

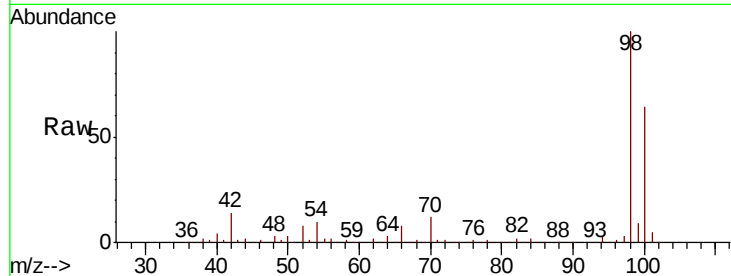
PB132810ZHE#01

Tot Ion: 98 Resp: 646750

Ion Ratio Lower Upper

98 100

100 64.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)

10.06

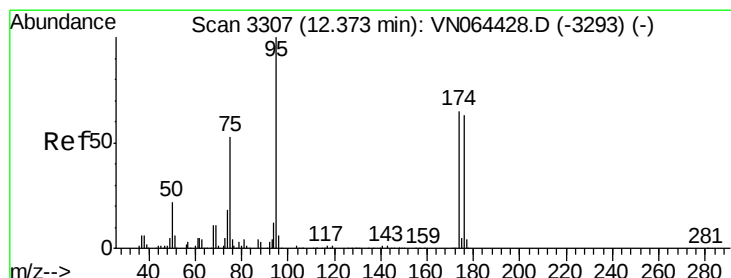
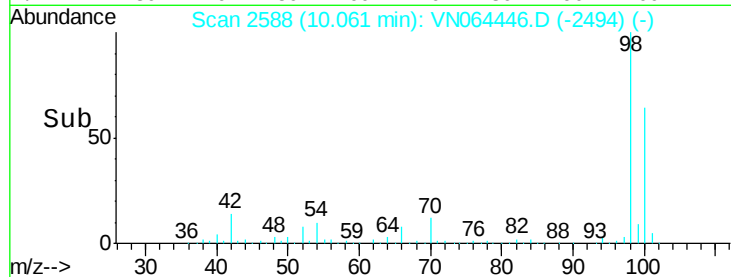
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.115 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064446.D

Acq: 4 Nov 2020 19:14

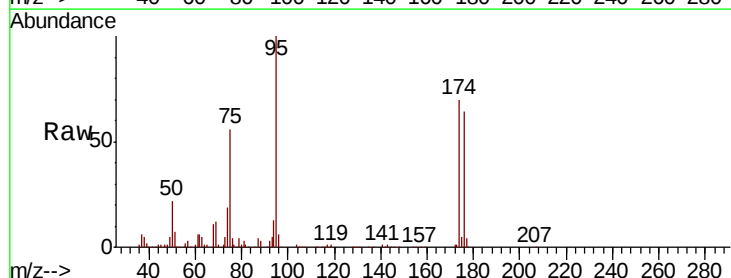
Tgt Ion: 95 Resp: 253287

Ion Ratio Lower Upper

95 100

174 69.7 0.0 132.6

176 65.7 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)

12.38

200000

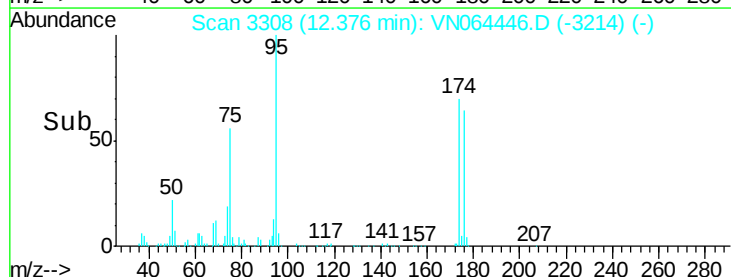
150000

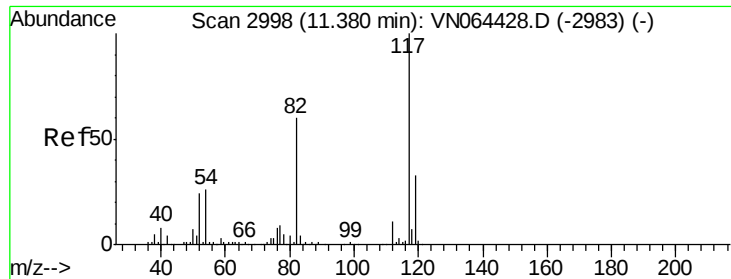
100000

50000

0

Time-->

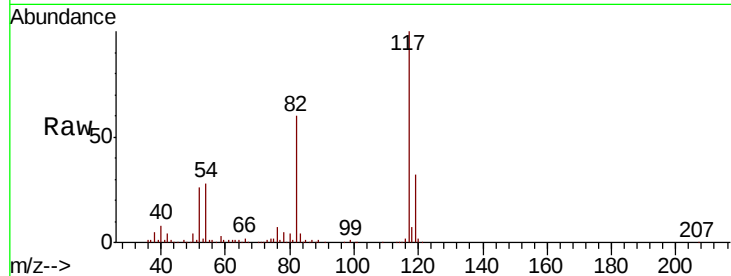




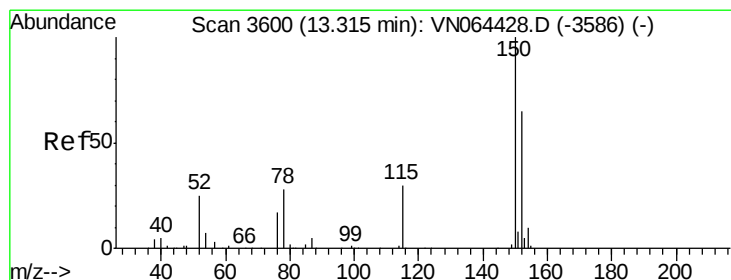
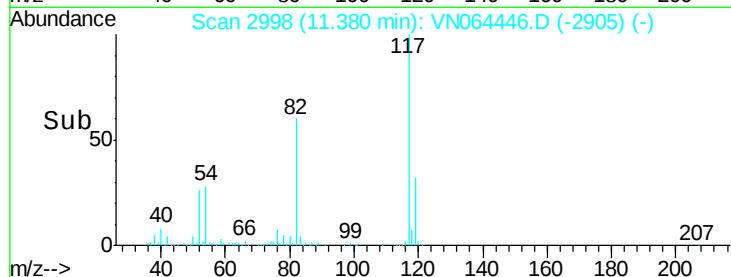
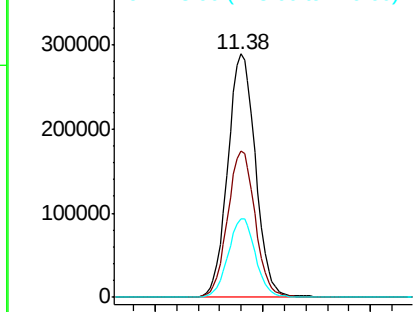
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064446.D
Acq: 4 Nov 2020 19:14

Instrument :
MSVOA_N
ClientSampleId :
PB132810ZHE#01

Tot Ion:117 Resp: 516103
Ion Ratio Lower Upper
117 100
82 60.0 48.1 72.1
119 32.0 26.2 39.4

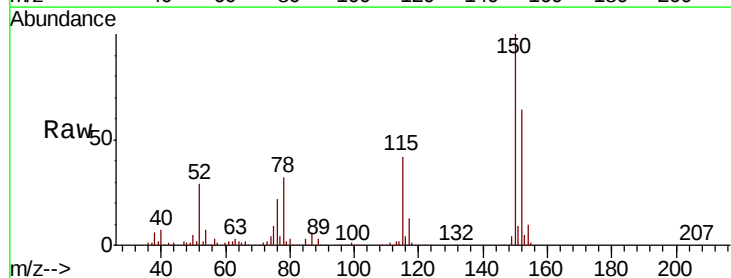


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064446.D
Acq: 4 Nov 2020 19:14

Tgt Ion:152 Resp: 195194
Ion Ratio Lower Upper
152 100
115 64.9 32.0 96.0
150 154.3 0.0 353.8



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

