

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110520\
 Data File : VN064459.D
 Acq On : 5 Nov 2020 14:29
 Operator : JC/MD
 Sample : PB132824ZHE#16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132824ZHE#16

Quant Time: Nov 06 03:21:34 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

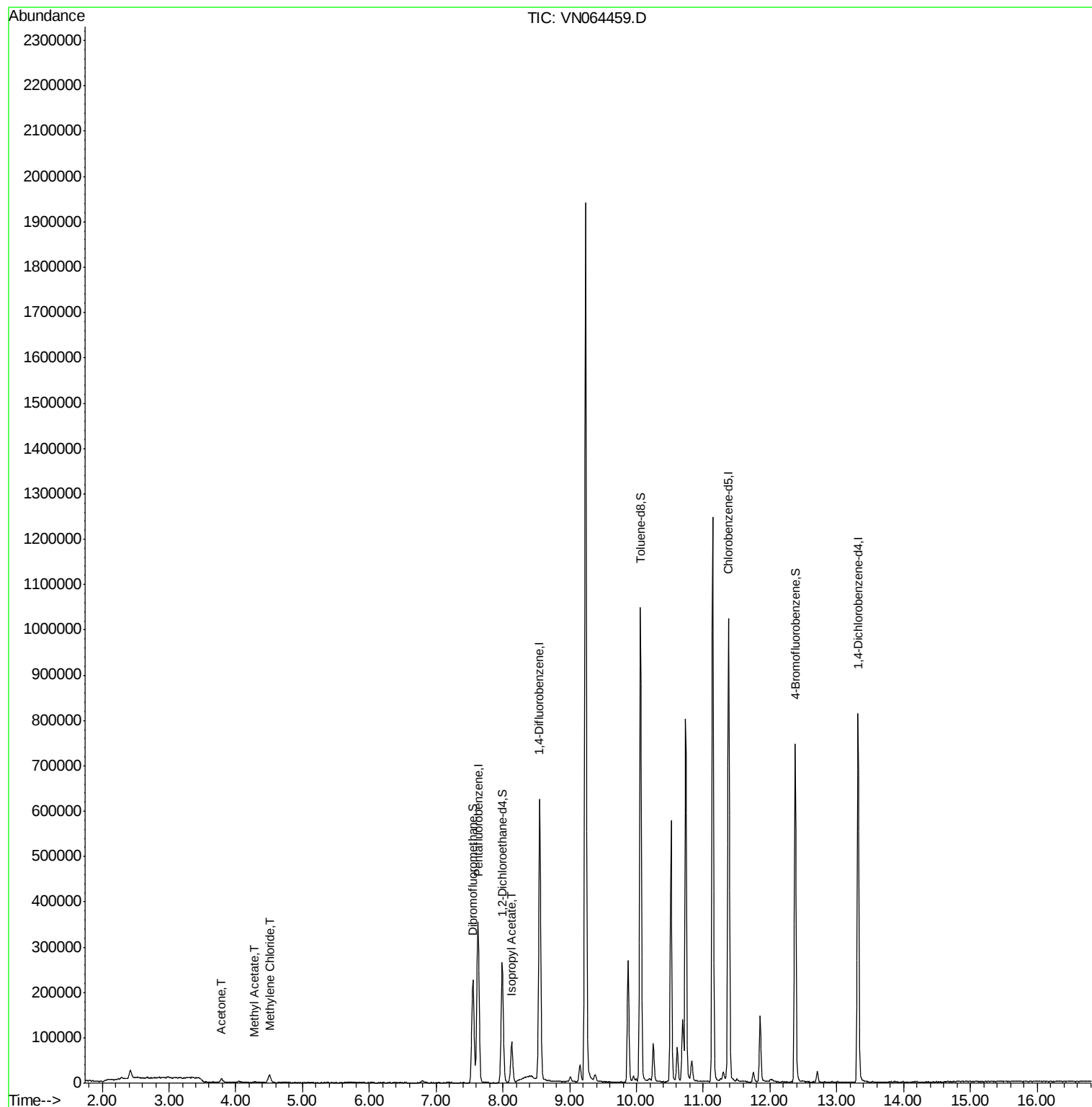
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	249396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	504419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	552498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200464	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	240466	55.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.70%	
35) Dibromofluoromethane	7.55	113	172101	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
50) Toluene-d8	10.06	98	679945	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.38	95	258545	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
Target Compounds						
16) Acetone	3.78	43	14280	8.630	ug/l #	89
18) Methyl Acetate	4.29	43	3701	1.138	ug/l #	76
20) Methylene Chloride	4.50	84	12021	3.661	ug/l	95
43) Isopropyl Acetate	8.13	43	107113	12.403	ug/l	97

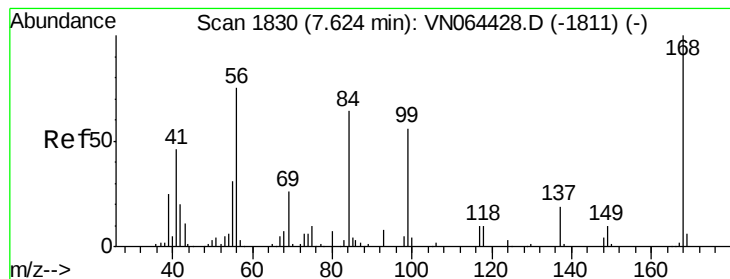
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 12:09:03 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: VN064459.D

Acq: 5 Nov 2020 14:29

Instrument :

MSVOA_N

ClientSampleId :

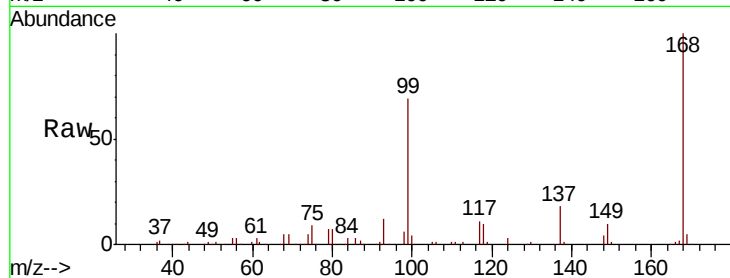
PB132824ZHE#16

Tot Ion:168 Resp: 249396

Ion Ratio Lower Upper

168 100

99 69.2 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): VN064428.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN064428.D (-1811) (-)

7.63

120000

100000

80000

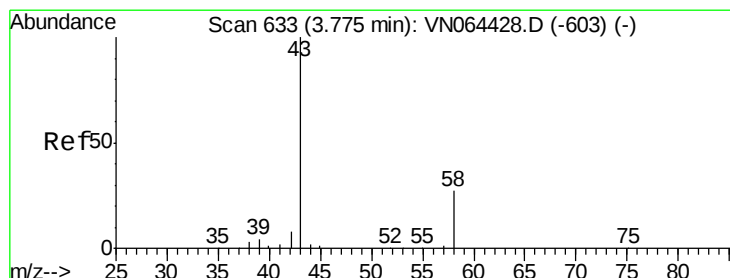
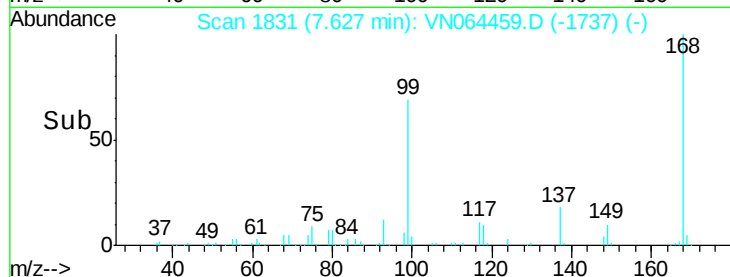
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.630 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064459.D

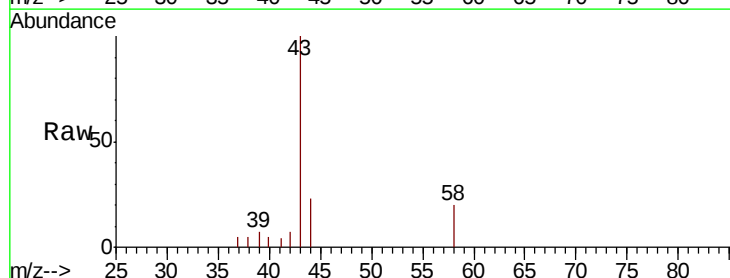
Acq: 5 Nov 2020 14:29

Tgt Ion: 43 Resp: 14280

Ion Ratio Lower Upper

43 100

58 21.0 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-603) (-)

3.78

6000

5000

4000

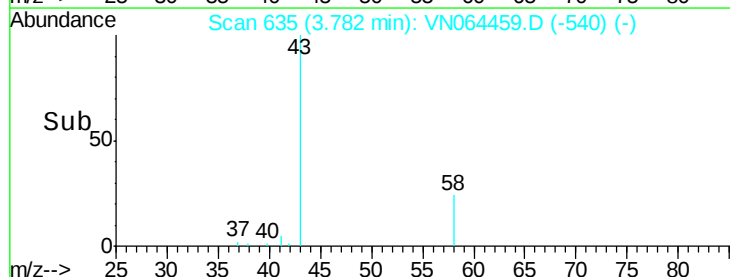
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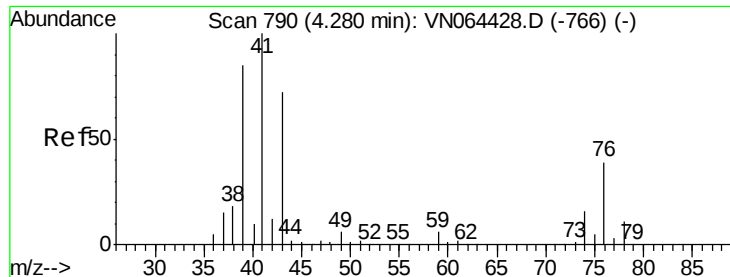
2000

1000

0

Time-->

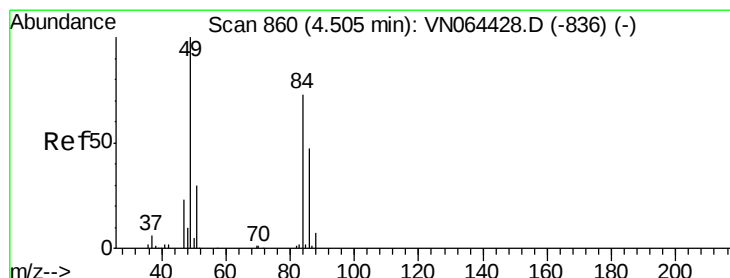
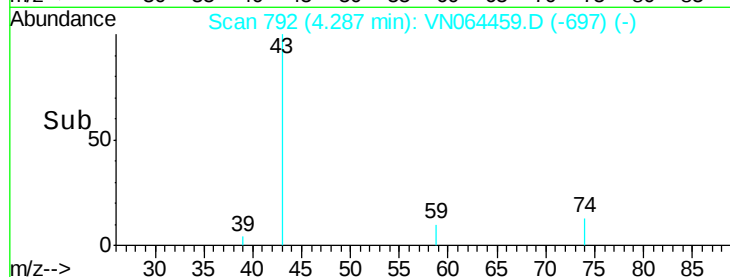
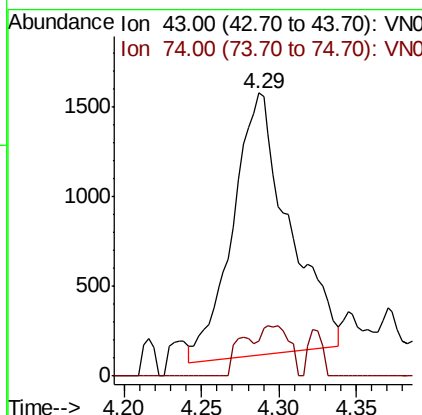
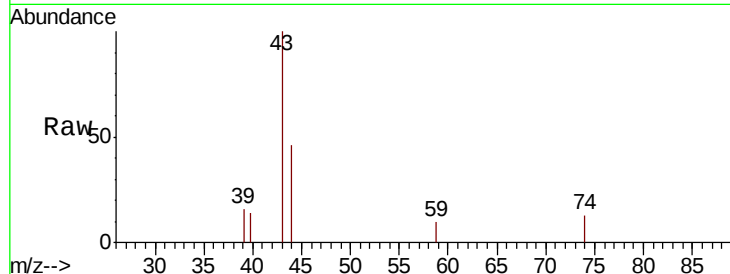




#18
Methyl Acetate
Concen: 1.138 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN064459.D
Acq: 5 Nov 2020 14:29

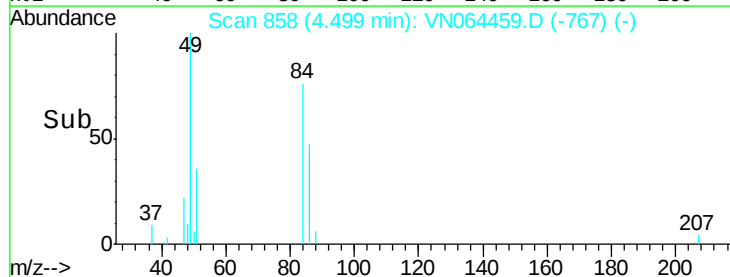
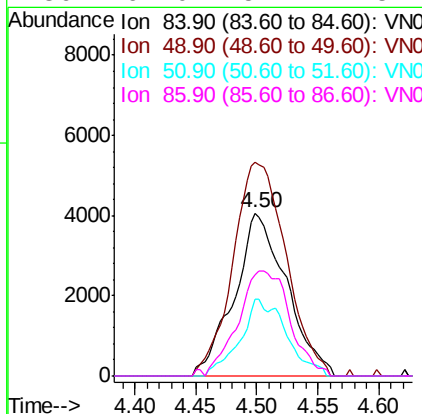
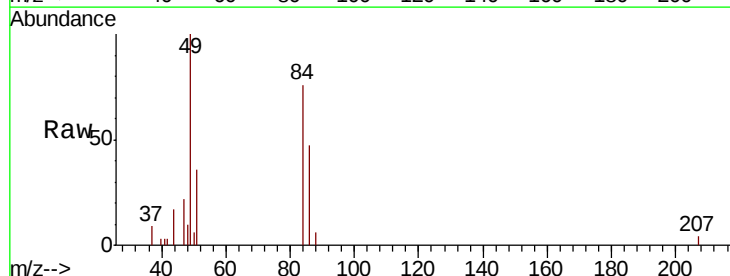
Instrument :
MSVOA_N
ClientSampleId :
PB132824ZHE#16

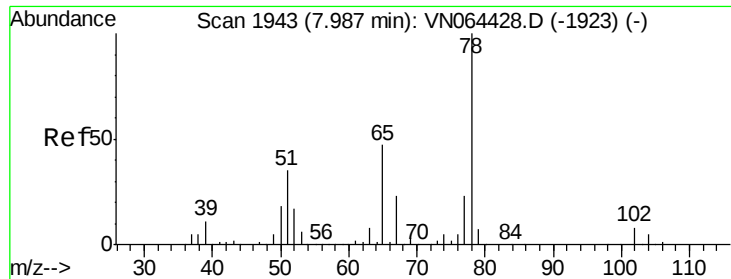
Tot Ion: 43 Resp: 3701
Ion Ratio Lower Upper
43 100
74 10.1 17.0 25.4#



#20
Methylene Chloride
Concen: 3.661 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064459.D
Acq: 5 Nov 2020 14:29

Tgt Ion: 84 Resp: 12021
Ion Ratio Lower Upper
84 100
49 131.4 110.1 165.1
51 47.4 33.6 50.4
86 62.0 52.1 78.1

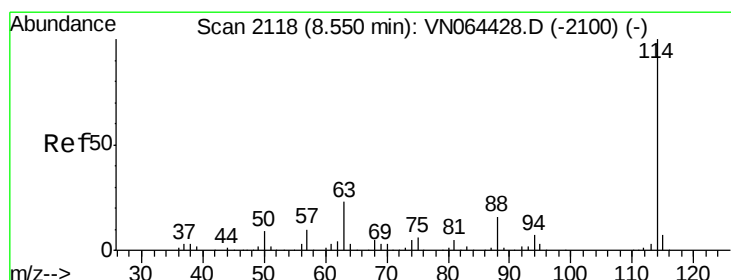
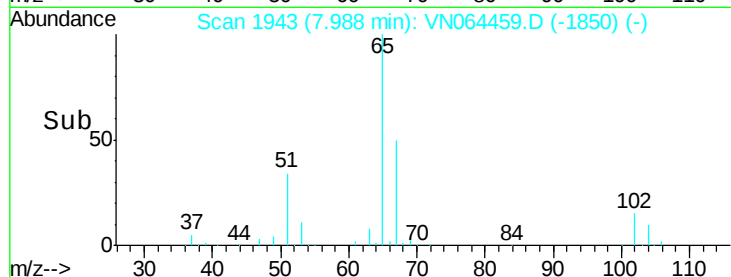
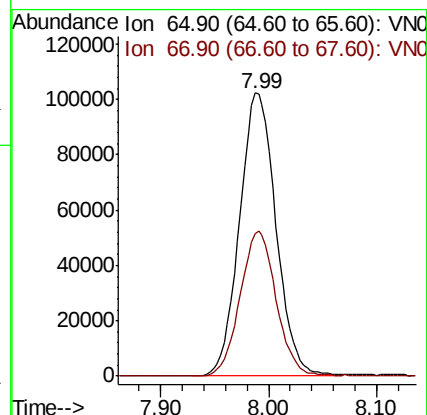
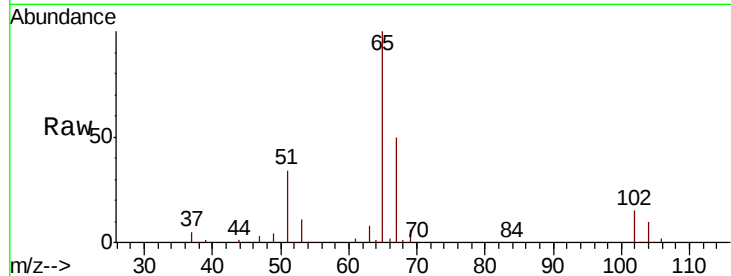




#33
 1,2-Dichloroethane-d4
 Concen: 55.355 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064459.D
 Acq: 5 Nov 2020 14:29

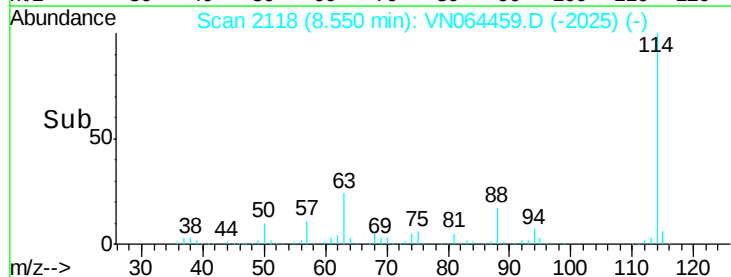
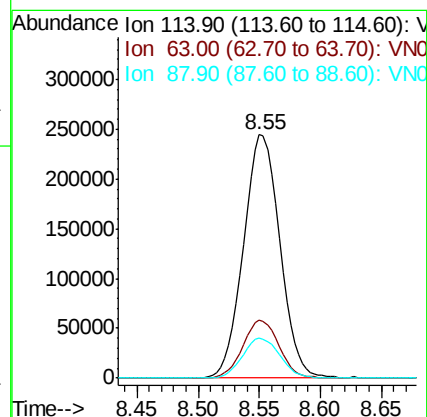
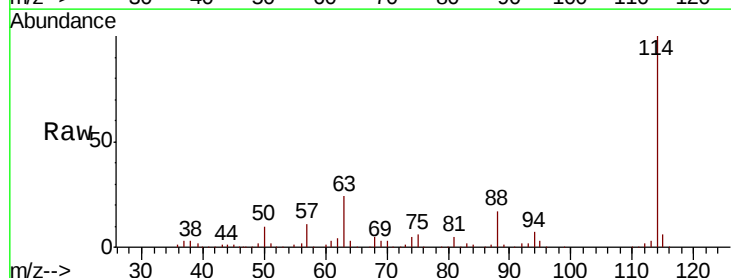
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132824ZHE#16

Tot Ion: 65 Resp: 240466
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064459.D
 Acq: 5 Nov 2020 14:29

Tgt Ion: 114 Resp: 504419
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 45.6
 88 16.5 0.0 32.8

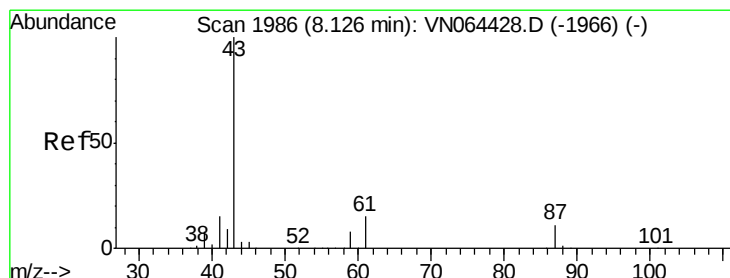
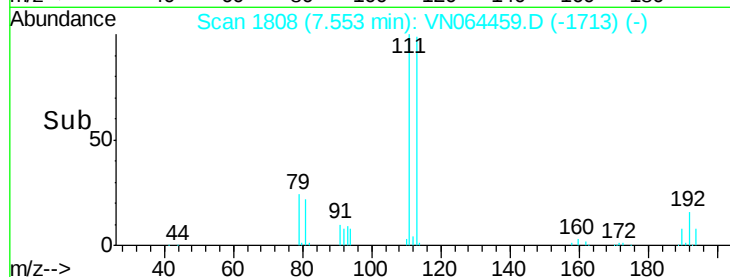
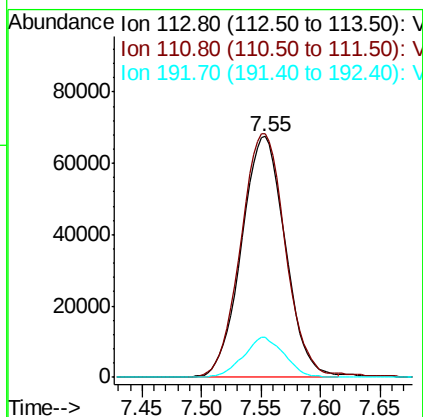
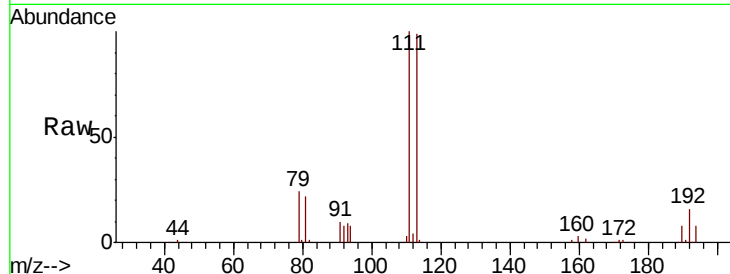




#35
Dibromofluoromethane
Concen: 50.111 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. 0.01 min
Lab File: VN064459.D
Acq: 5 Nov 2020 14:29

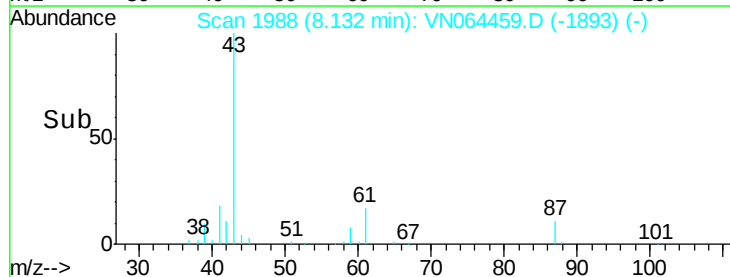
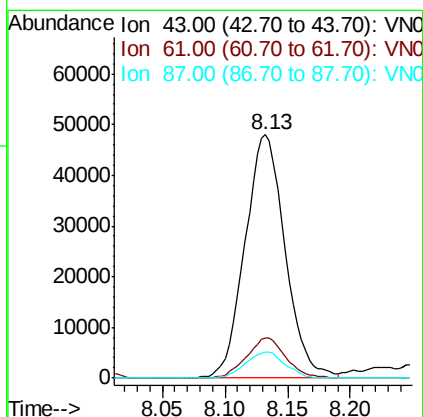
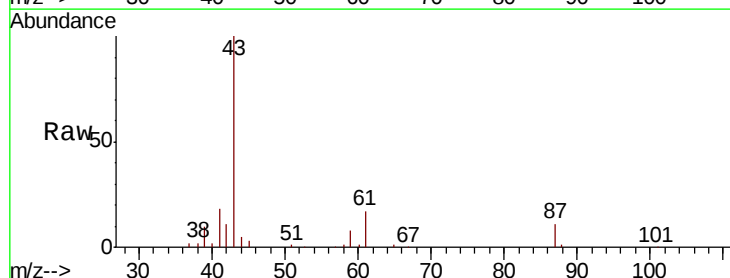
Instrument :
MSVOA_N
ClientSampleId :
PB132824ZHE#16

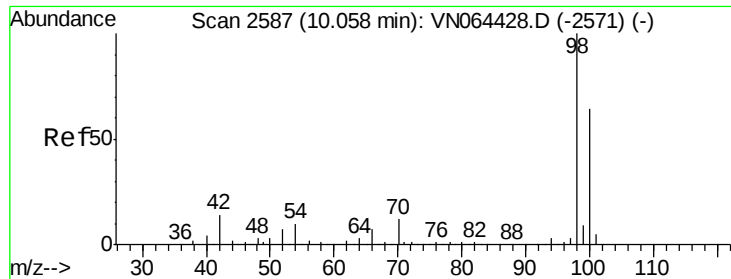
Tot Ion:113 Resp: 172101
Ion Ratio Lower Upper
113 100
111 104.0 81.1 121.7
192 15.7 12.8 19.2



#43
Isopropyl Acetate
Concen: 12.403 ug/l
RT: 8.13 min Scan# 1988
Delta R.T. 0.01 min
Lab File: VN064459.D
Acq: 5 Nov 2020 14:29

Tgt Ion: 43 Resp: 107113
Ion Ratio Lower Upper
43 100
61 16.1 14.0 21.0
87 10.4 9.1 13.7





#50

Toluene-d8

Concen: 51.224 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064459.D

Acq: 5 Nov 2020 14:29

Instrument :

MSVOA_N

ClientSampleId :

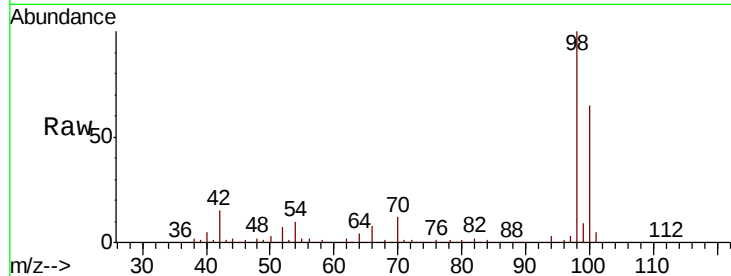
PB132824ZHE#16

Tot Ion: 98 Resp: 679945

Ion Ratio Lower Upper

98 100

100 63.5 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

400000

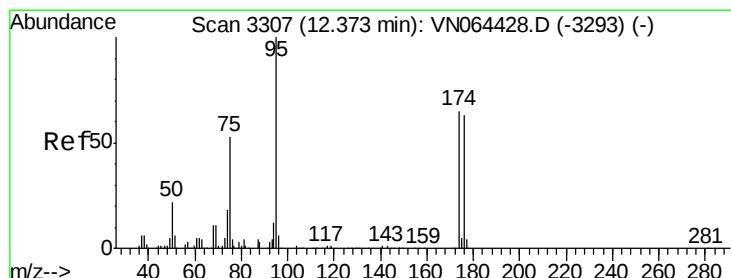
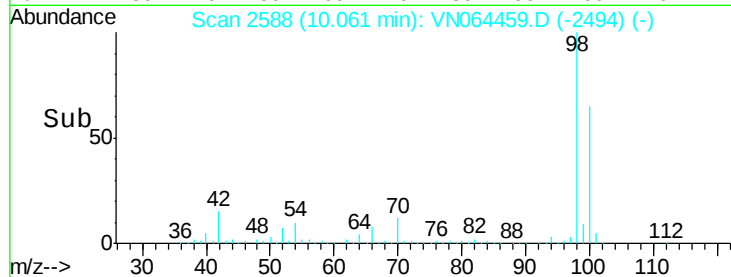
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.502 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064459.D

Acq: 5 Nov 2020 14:29

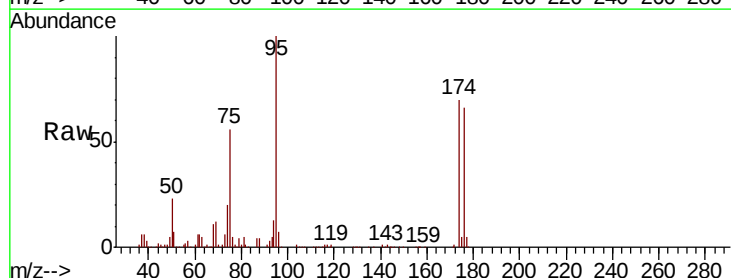
Tgt Ion: 95 Resp: 258545

Ion Ratio Lower Upper

95 100

174 68.8 0.0 132.6

176 66.1 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

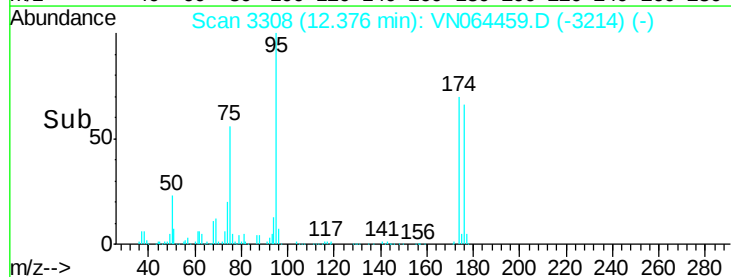
150000

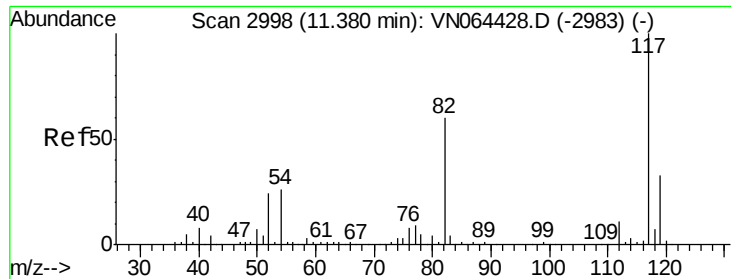
100000

50000

0

Time-->

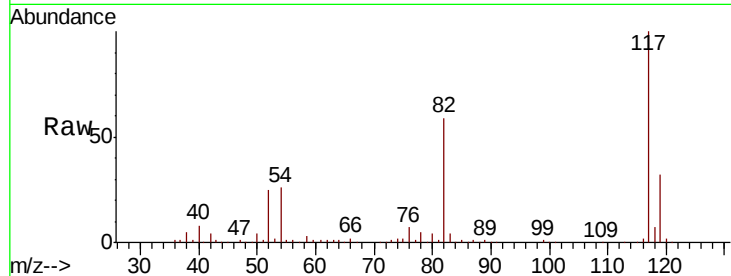




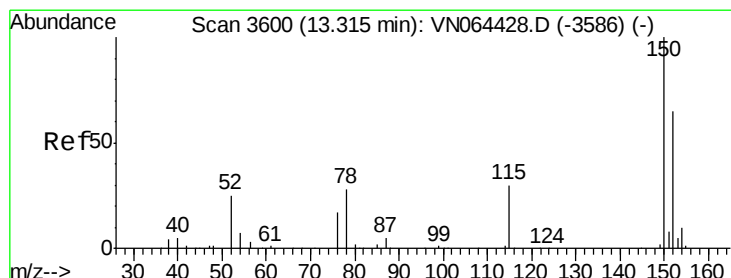
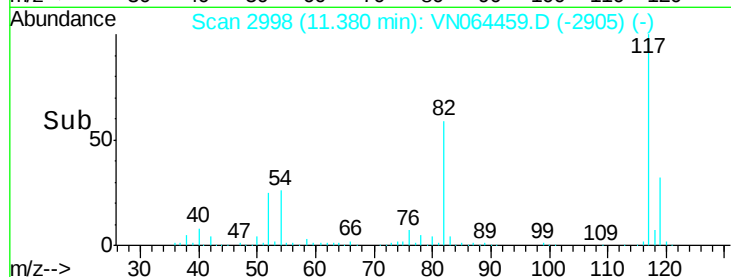
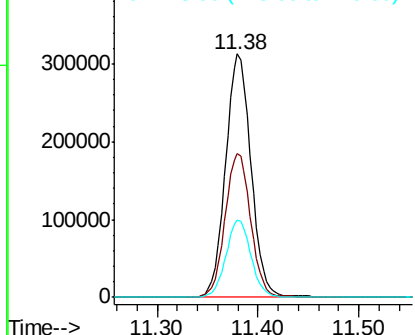
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064459.D
Acq: 5 Nov 2020 14:29

Instrument :
MSVOA_N
ClientSampleId :
PB132824ZHE#16

Tot Ion:117 Resp: 552498
Ion Ratio Lower Upper
117 100
82 59.3 48.1 72.1
119 31.9 26.2 39.4

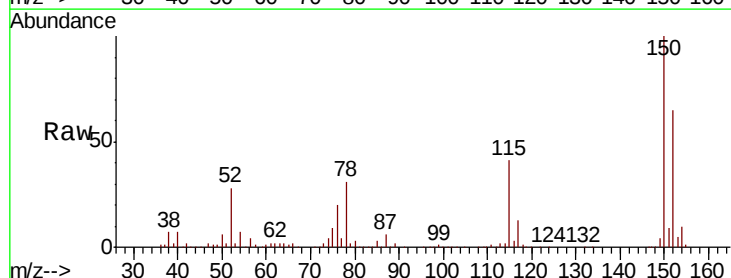


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064459.D
Acq: 5 Nov 2020 14:29

Tgt Ion:152 Resp: 200464
Ion Ratio Lower Upper
152 100
115 63.8 32.0 96.0
150 157.2 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

