

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063782.D
 Acq On : 1 Oct 2020 19:21
 Operator : JC/MD
 Sample : PB132009ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132009ZHE#04

Quant Time: Oct 02 03:16:27 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

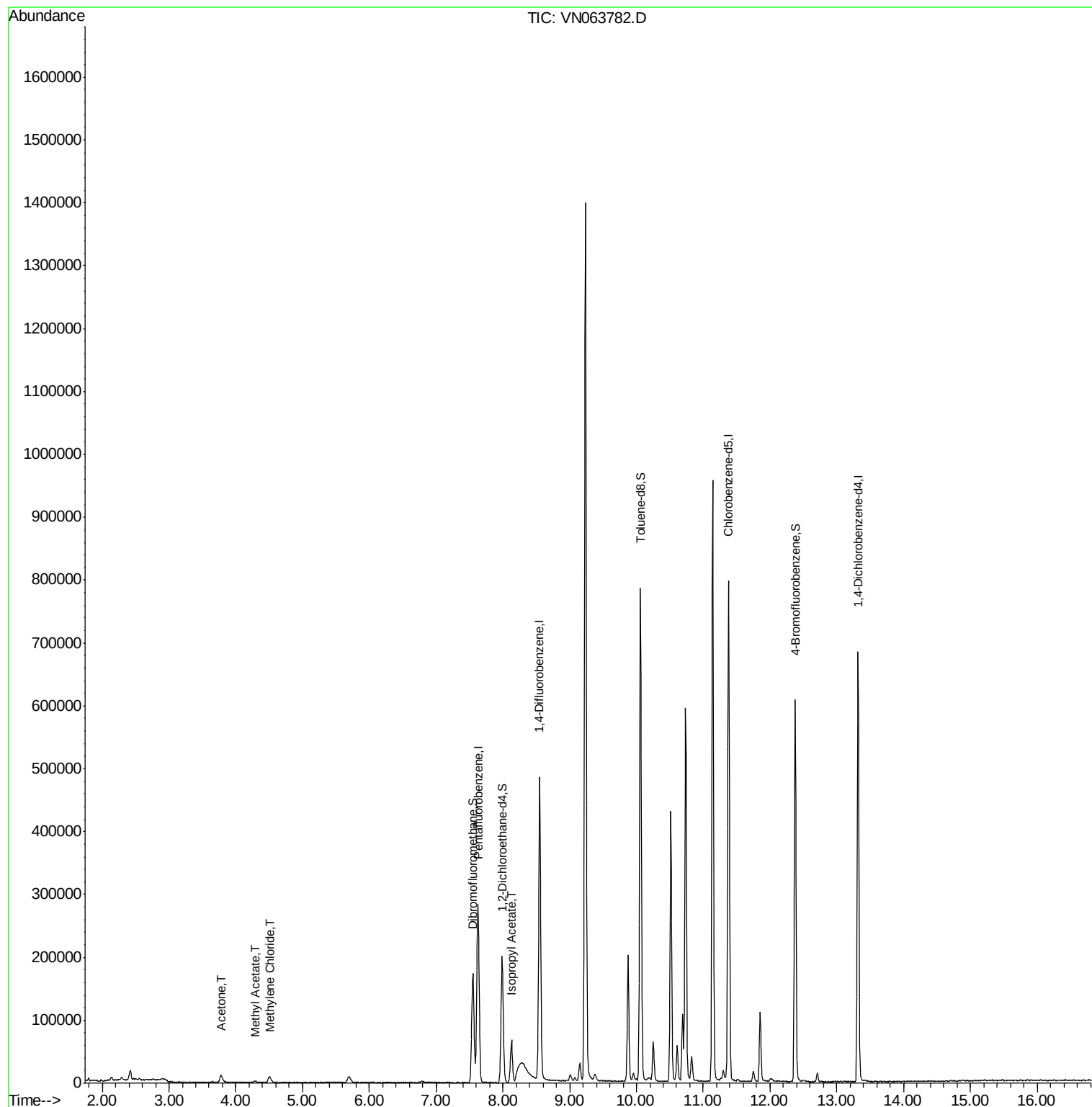
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	208724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	393337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	413487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	180762	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
35) Dibromofluoromethane	7.55	113	128173	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	10.06	98	511324	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.38	95	201701	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
Target Compounds						
16) Acetone	3.78	43	21634	20.381	ug/l	99
18) Methyl Acetate	4.29	43	4734	1.718	ug/l #	74
20) Methylene Chloride	4.50	84	6440	2.742	ug/l	90
43) Isopropyl Acetate	8.13	43	79093	12.112	ug/l	99

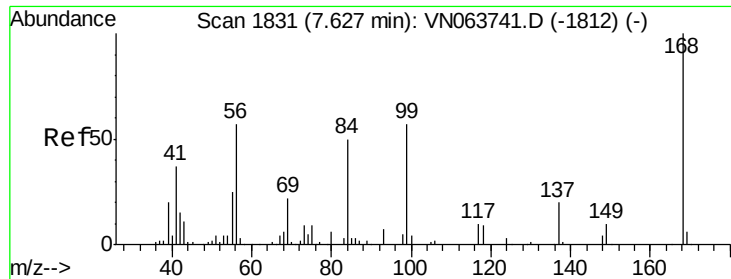
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 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: VN063782.D

Acq: 1 Oct 2020 19:21

Instrument :

MSVOA_N

ClientSampleId :

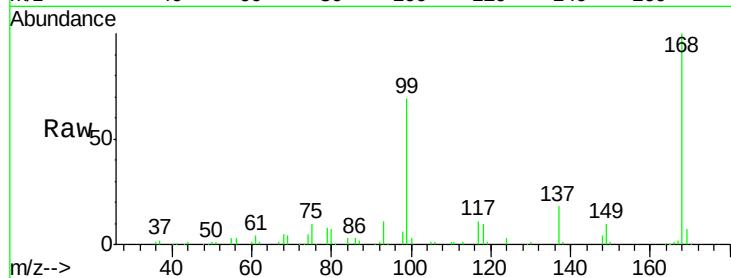
PB132009ZHE#04

Tot Ion:168 Resp: 208724

Ion Ratio Lower Upper

168 100

99 69.1 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

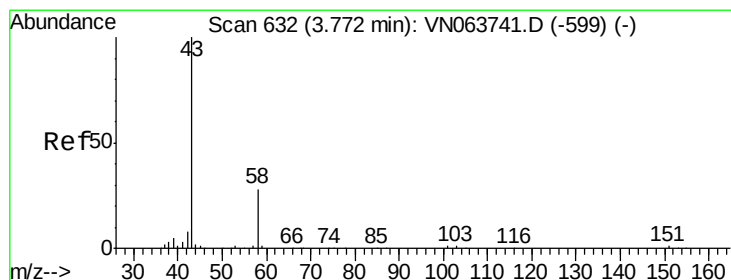
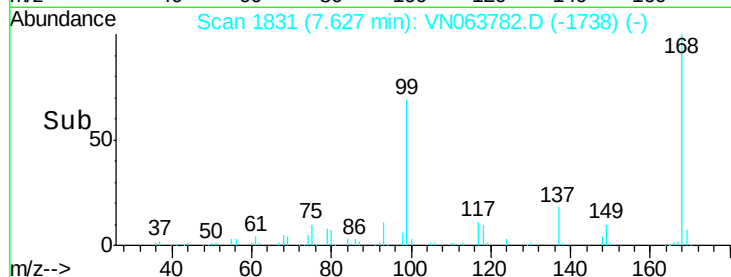
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 20.381 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063782.D

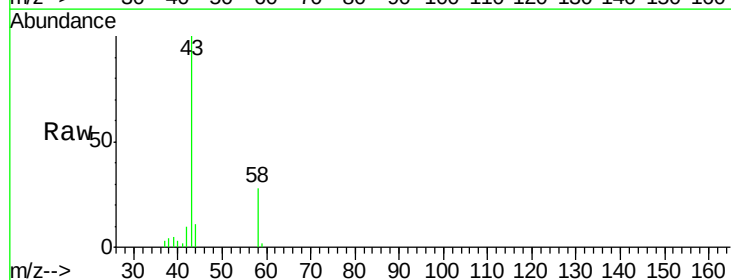
Acq: 1 Oct 2020 19:21

Tgt Ion: 43 Resp: 21634

Ion Ratio Lower Upper

43 100

58 27.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

8000

6000

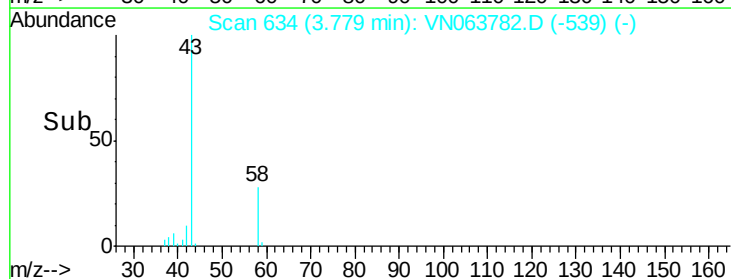
4000

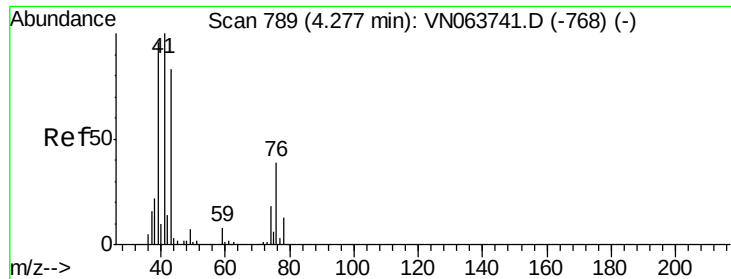
2000

0

3.70 3.75 3.80 3.85 3.90

Time-->

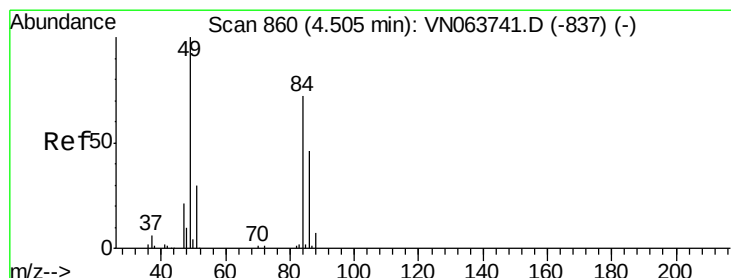
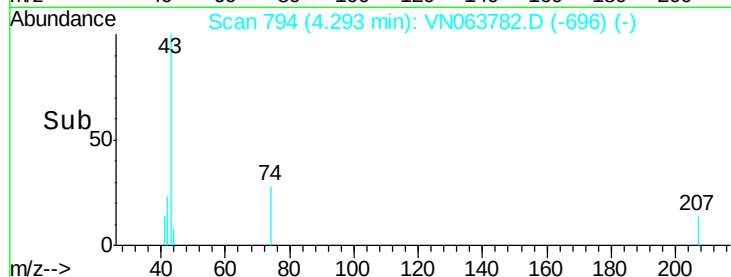
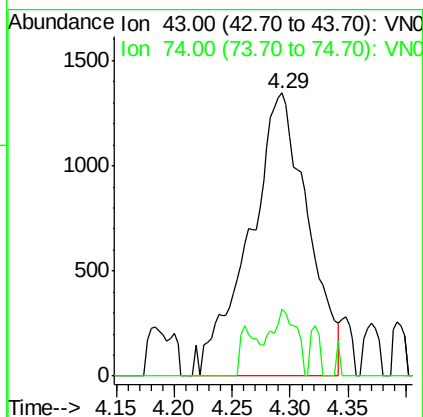
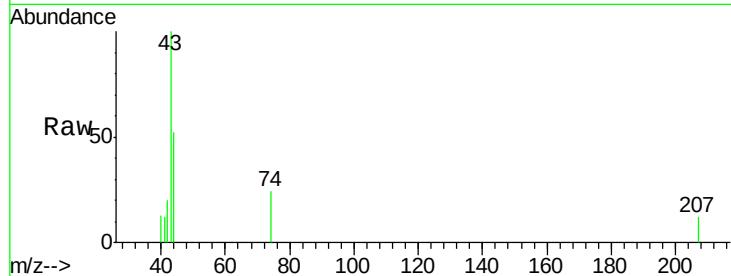




#18
Methyl Acetate
Concen: 1.718 ug/l
RT: 4.29 min Scan# 794
Delta R.T. 0.02 min
Lab File: VN063782.D
Acq: 1 Oct 2020 19:21

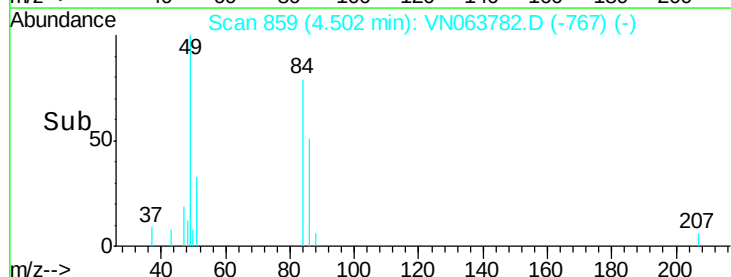
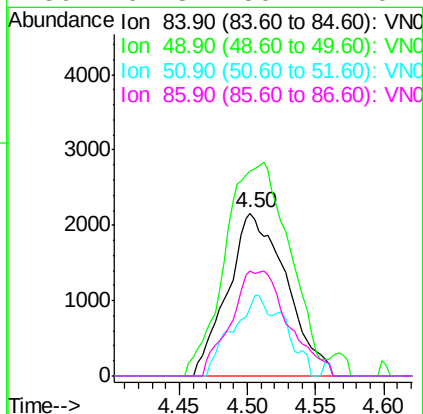
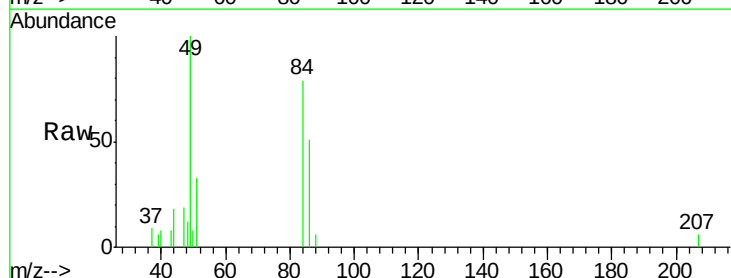
Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#04

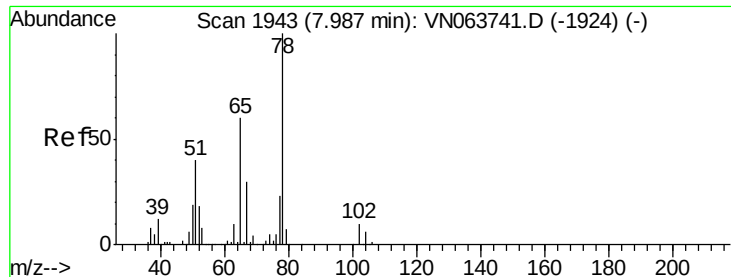
Tot Ion: 43 Resp: 4734
Ion Ratio Lower Upper
43 100
74 9.7 17.4 26.2#



#20
Methylene Chloride
Concen: 2.742 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063782.D
Acq: 1 Oct 2020 19:21

Tgt Ion: 84 Resp: 6440
Ion Ratio Lower Upper
84 100
49 118.4 110.4 165.6
51 41.7 33.3 49.9
86 64.8 50.7 76.1

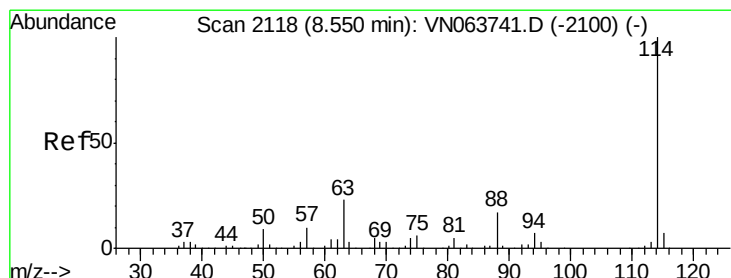
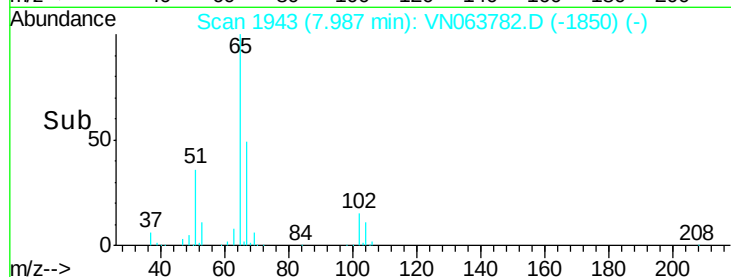
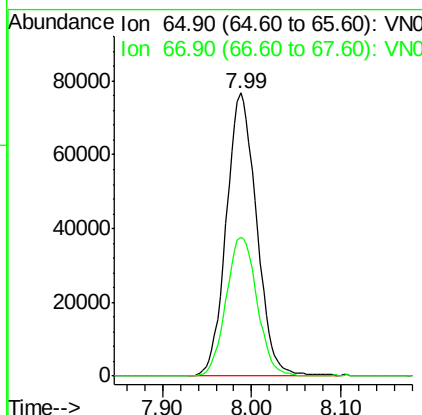
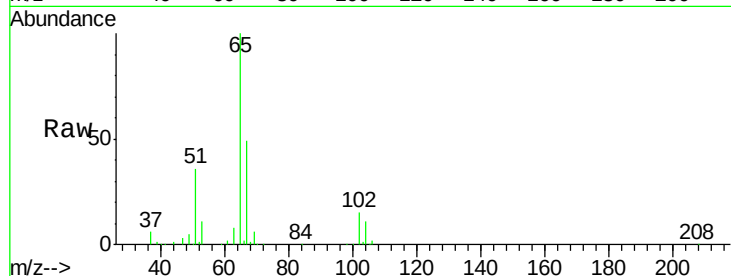




#33
 1,2-Dichloroethane-d4
 Concen: 52.421 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063782.D
 Acq: 1 Oct 2020 19:21

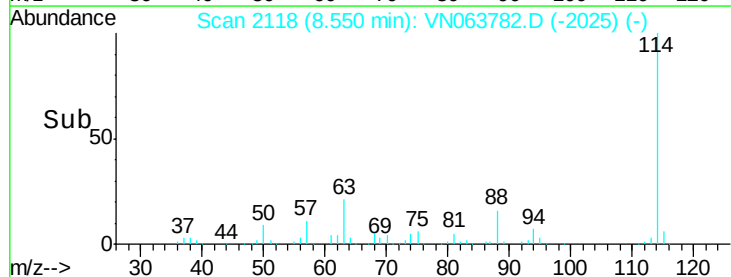
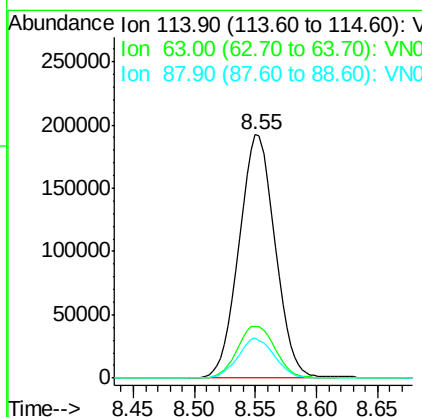
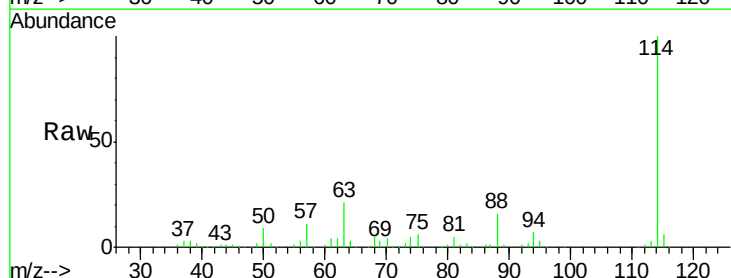
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132009ZHE#04

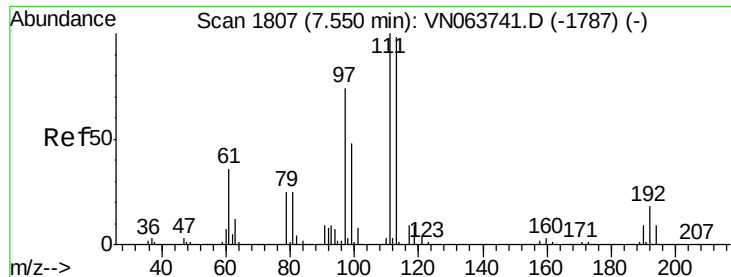
Tot Ion: 65 Resp: 180762
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063782.D
 Acq: 1 Oct 2020 19:21

Tgt Ion: 114 Resp: 393337
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 45.0
 88 16.2 0.0 34.0

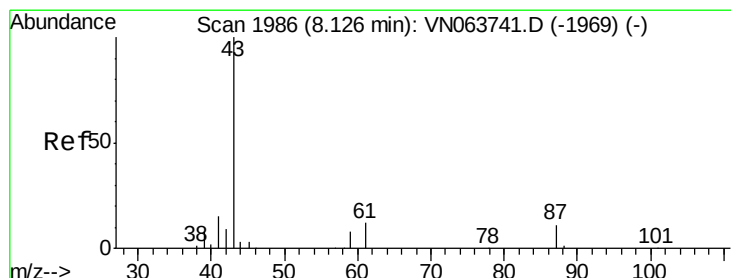
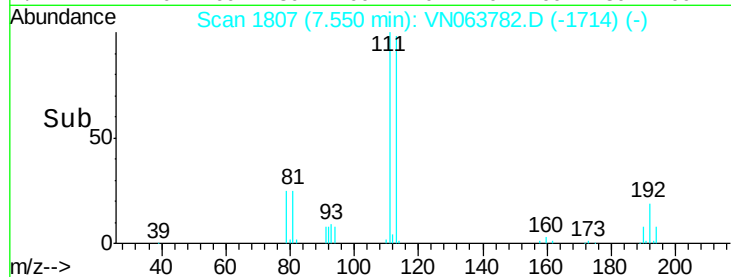
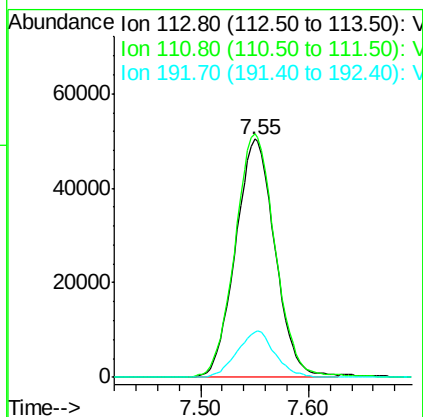
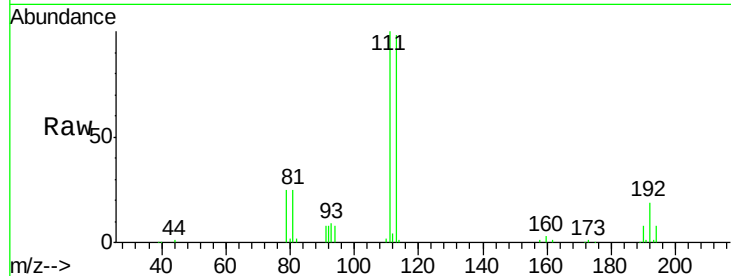




#35
 Dibromofluoromethane
 Concen: 46.962 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063782.D
 Acq: 1 Oct 2020 19:21

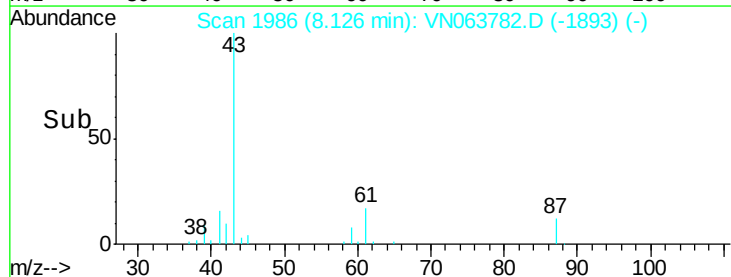
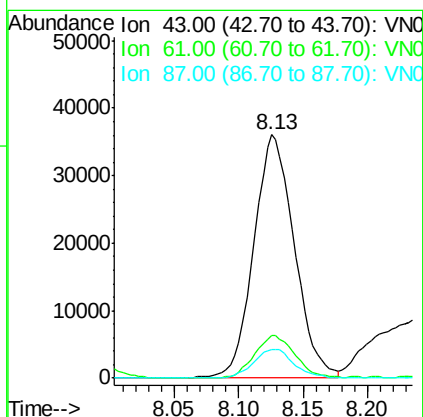
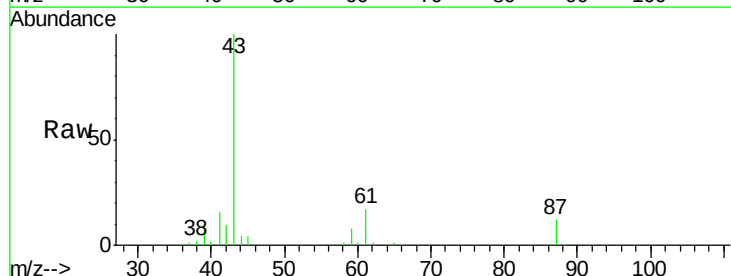
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132009ZHE#04

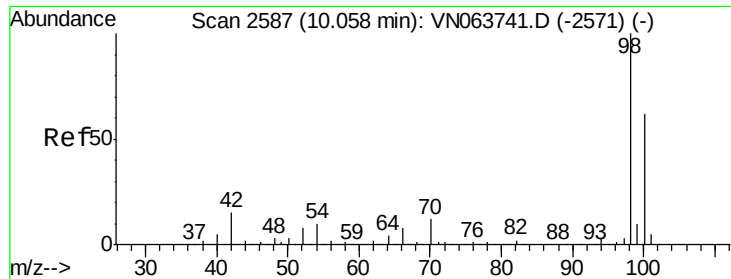
Tot Ion:113 Resp: 128173
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.8 122.8
 192 18.7 14.2 21.2



#43
 Isopropyl Acetate
 Concen: 12.112 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN063782.D
 Acq: 1 Oct 2020 19:21

Tgt Ion: 43 Resp: 79093
 Ion Ratio Lower Upper
 43 100
 61 17.4 14.2 21.4
 87 11.7 9.0 13.6





#50

Toluene-d8

Concen: 49.421 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063782.D

Acq: 1 Oct 2020 19:21

Instrument :

MSVOA_N

ClientSampleId :

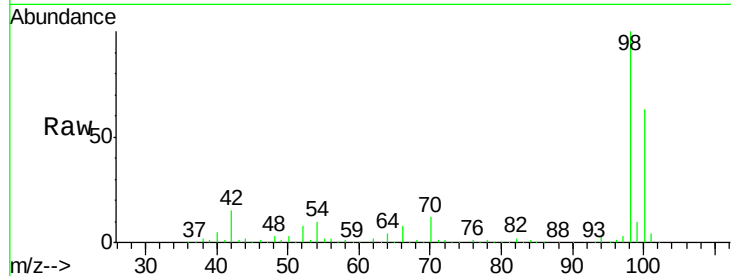
PB132009ZHE#04

Tot Ion: 98 Resp: 511324

Ion Ratio Lower Upper

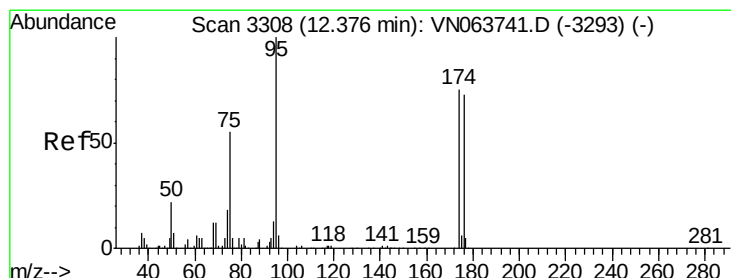
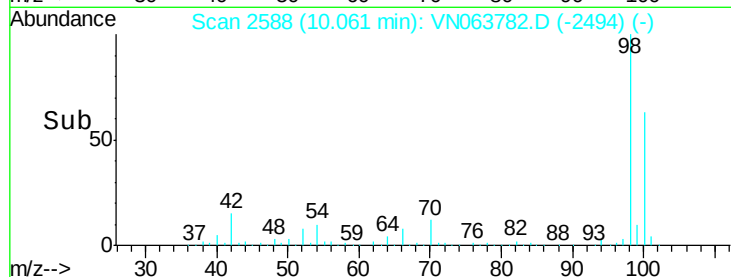
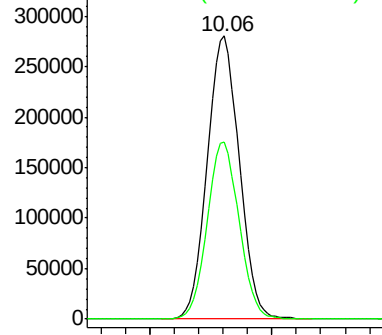
98 100

100 62.1 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 51.860 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063782.D

Acq: 1 Oct 2020 19:21

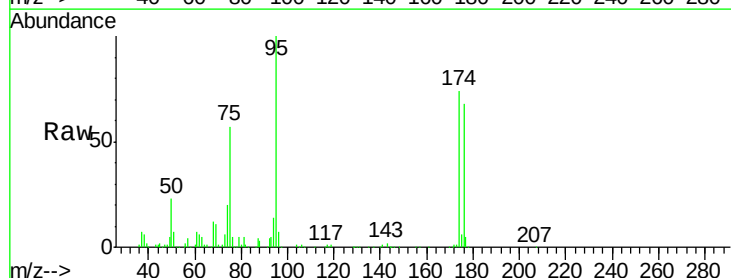
Tgt Ion: 95 Resp: 201701

Ion Ratio Lower Upper

95 100

174 74.3 0.0 150.6

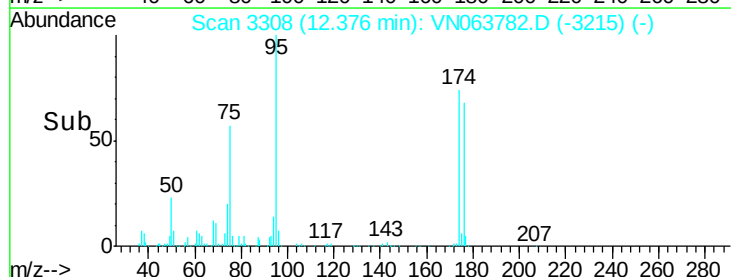
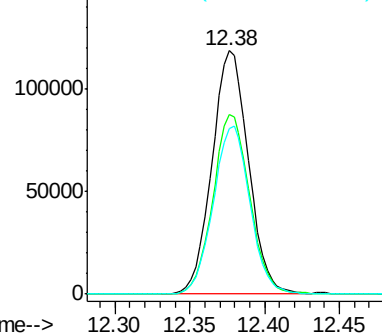
176 69.4 0.0 145.4

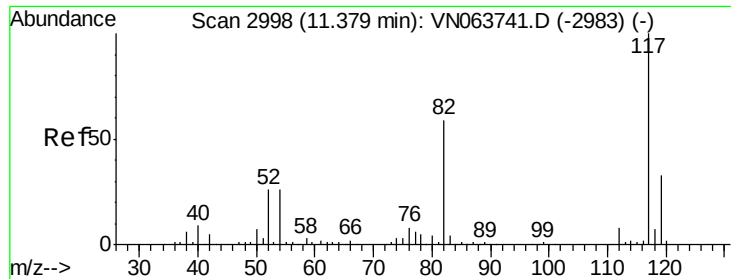


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

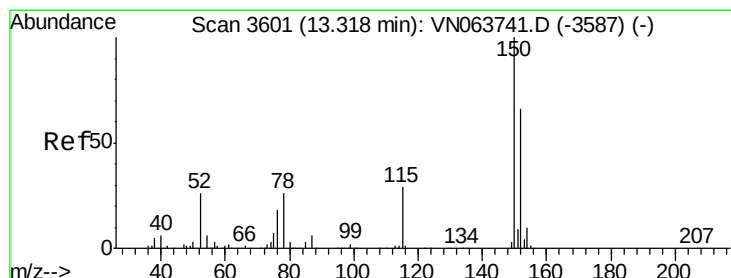
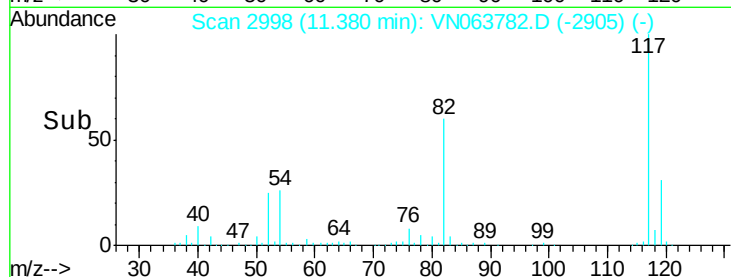
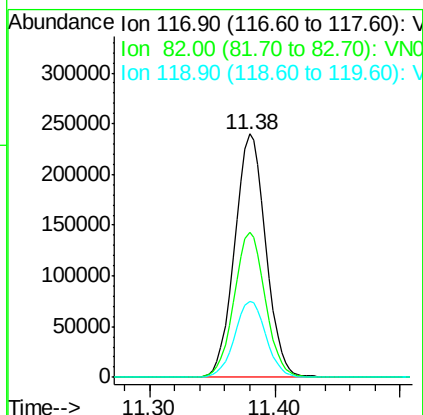
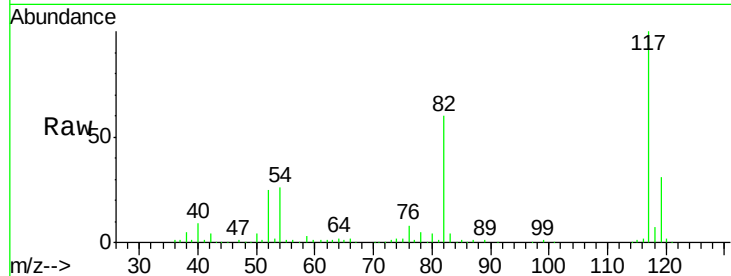




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063782.D
Acq: 1 Oct 2020 19:21

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PB132009ZHE#04

Tot Ion:117 Resp: 413487
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 31.4 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: VN063782.D
Acq: 1 Oct 2020 19:21

Tgt Ion:152 Resp: 166921
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 157.3 0.0 341.8

