

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063786.D
 Acq On : 1 Oct 2020 20:57
 Operator : JC/MD
 Sample : PB132009ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132009ZHE#08

Quant Time: Oct 02 03:43:14 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

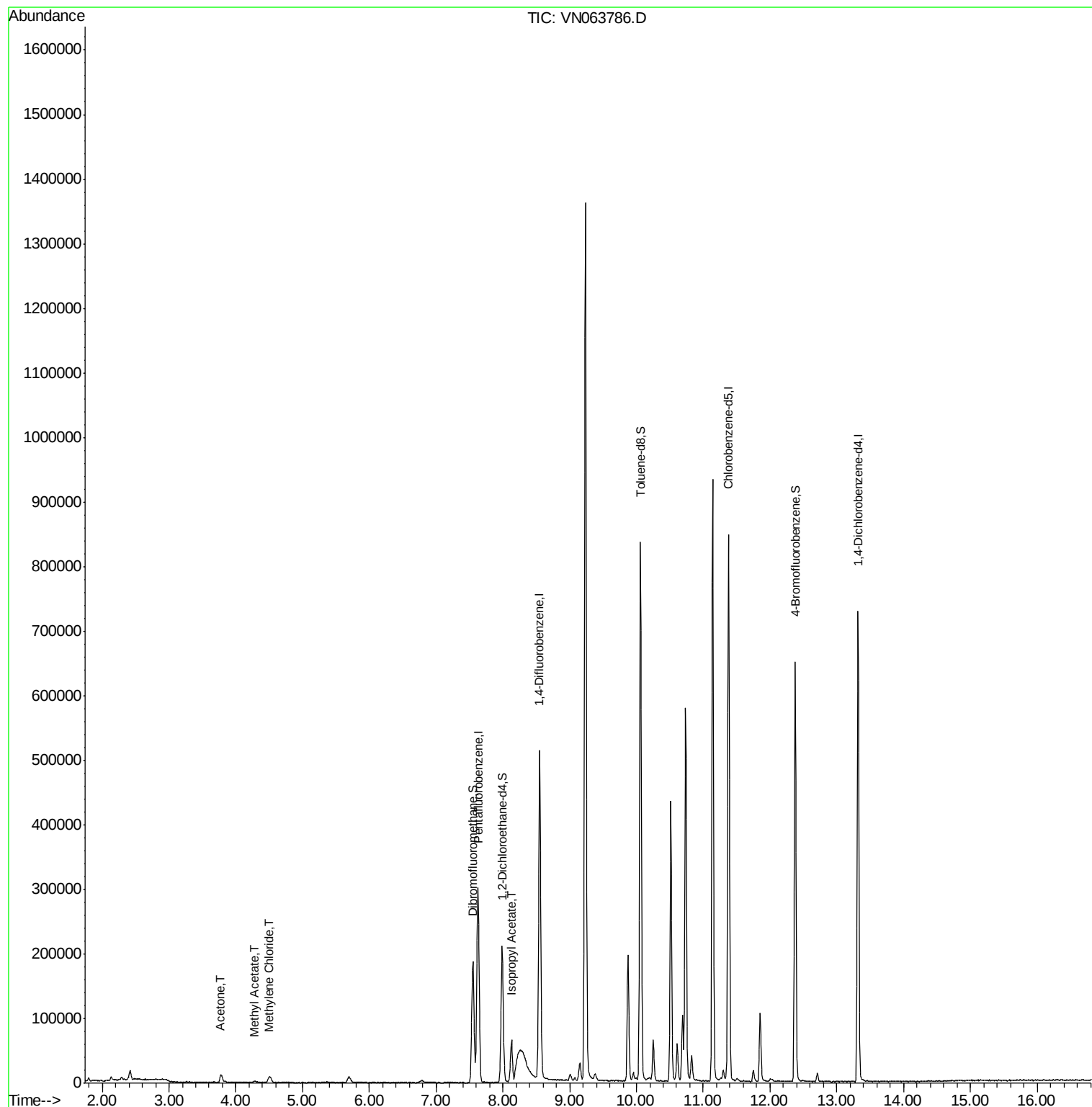
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	220166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	423689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	438609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	190846	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
35) Dibromofluoromethane	7.55	113	137030	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
50) Toluene-d8	10.06	98	533287	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.38	95	213710	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
Target Compounds						
16) Acetone	3.77	43	21356	19.073	ug/l	97
18) Methyl Acetate	4.29	43	4157	1.430	ug/l #	64
20) Methylene Chloride	4.51	84	7099	2.861	ug/l #	81
43) Isopropyl Acetate	8.13	43	77501	11.018	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: VN063786.D

Acq: 1 Oct 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

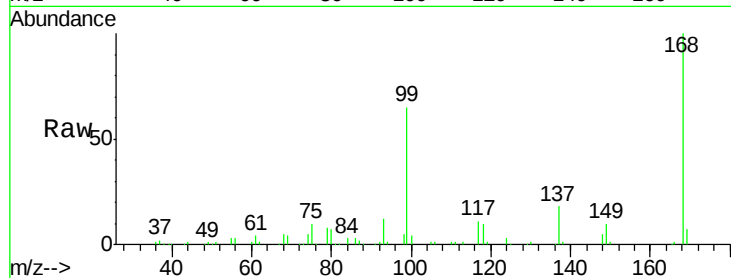
PB132009ZHE#08

Tot Ion:168 Resp: 220166

Ion Ratio Lower Upper

168 100

99 64.7 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

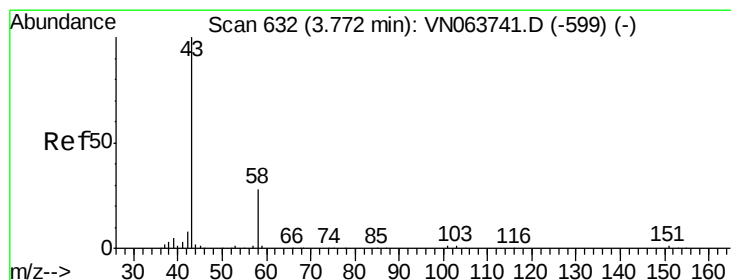
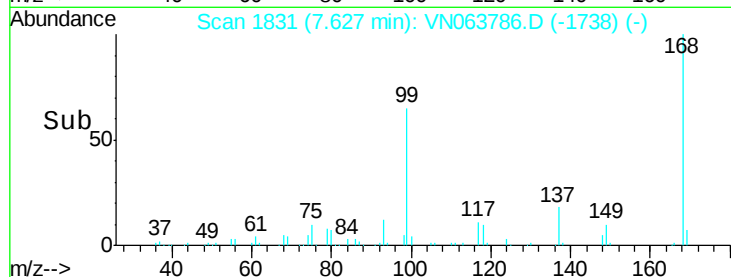
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 19.073 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063786.D

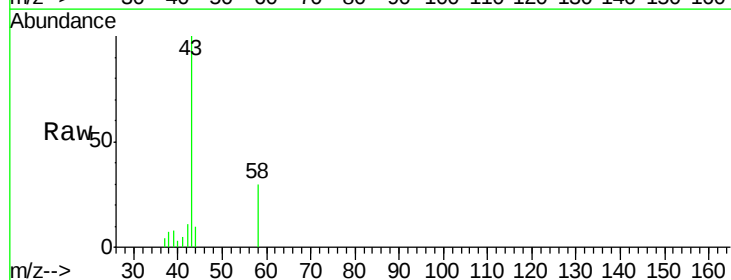
Acq: 1 Oct 2020 20:57

Tgt Ion: 43 Resp: 21356

Ion Ratio Lower Upper

43 100

58 29.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.77

8000

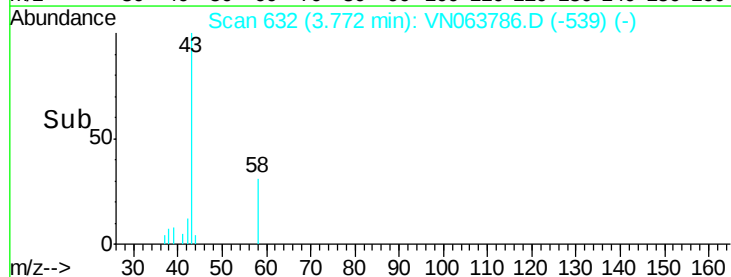
6000

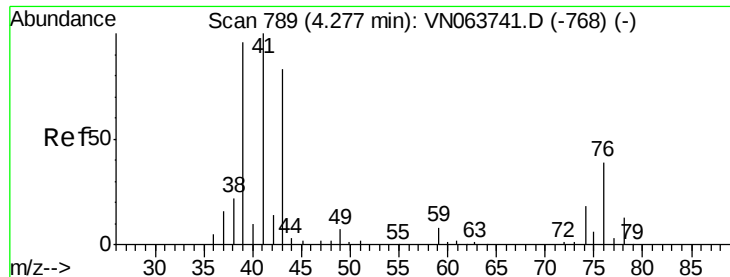
4000

2000

0

Time--> 3.70 3.80 3.90

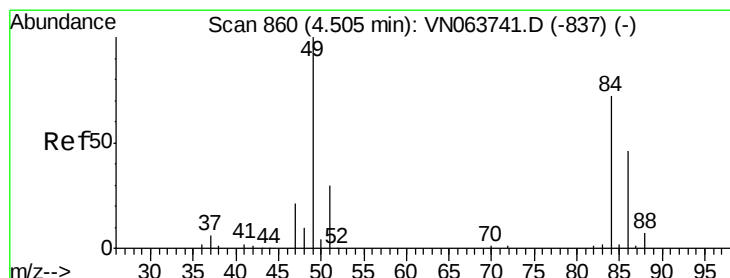
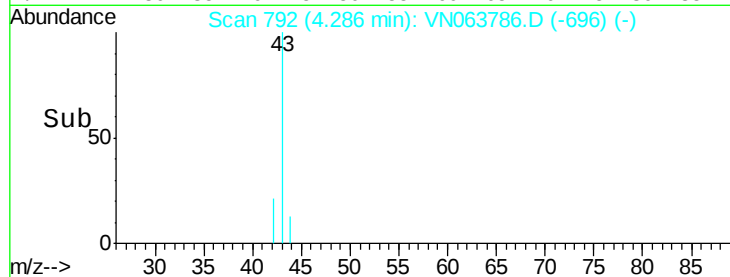
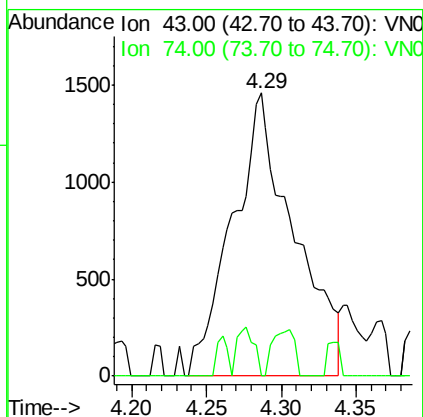
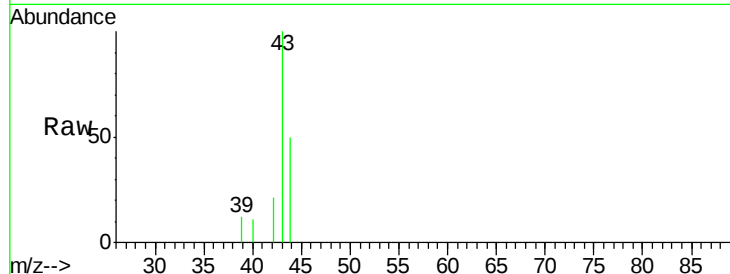




#18
Methyl Acetate
Concen: 1.430 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN063786.D
Acq: 1 Oct 2020 20:57

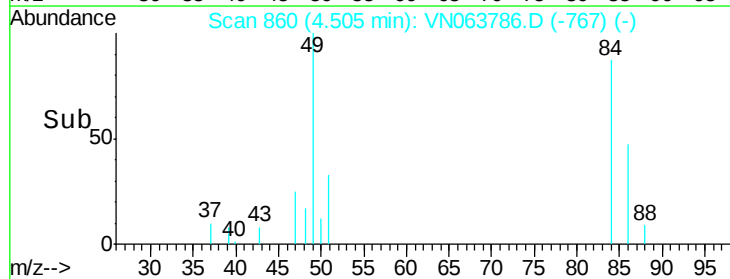
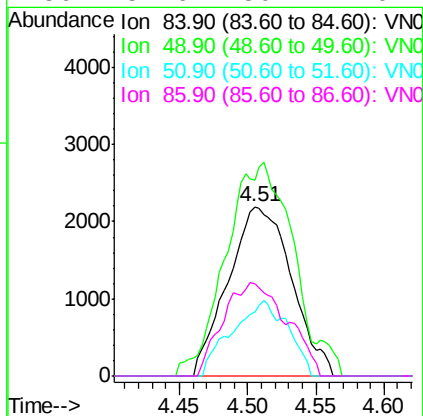
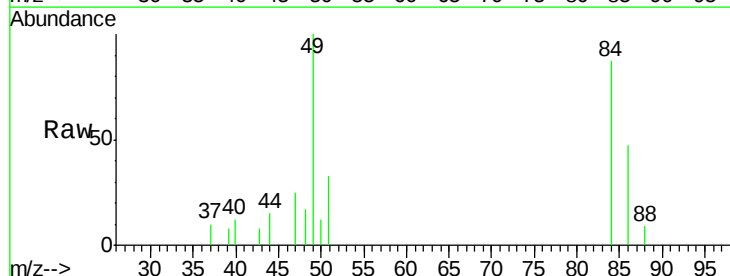
Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#08

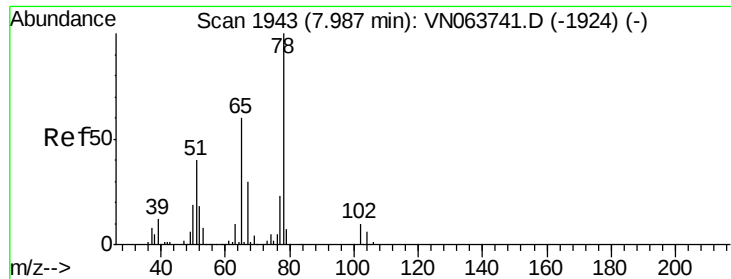
Tot Ion: 43 Resp: 4157
Ion Ratio Lower Upper
43 100
74 4.7 17.4 26.2#



#20
Methylene Chloride
Concen: 2.861 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063786.D
Acq: 1 Oct 2020 20:57

Tgt Ion: 84 Resp: 7099
Ion Ratio Lower Upper
84 100
49 105.5 110.4 165.6#
51 37.6 33.3 49.9
86 54.6 50.7 76.1





#33

1,2-Dichloroethane-d4

Concen: 52.469 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063786.D

Acq: 1 Oct 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

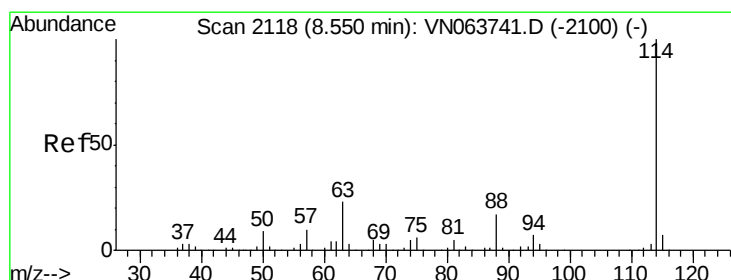
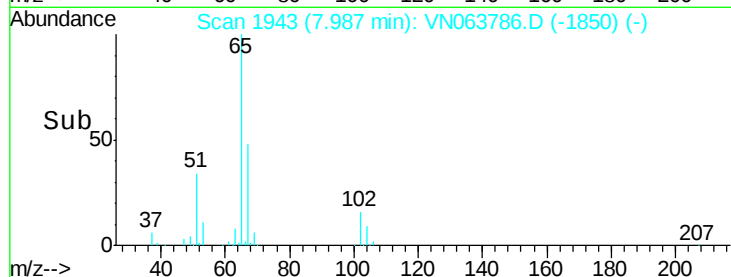
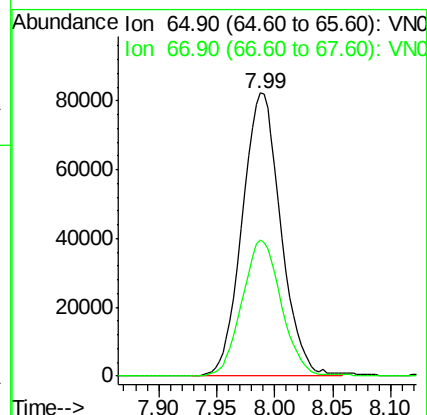
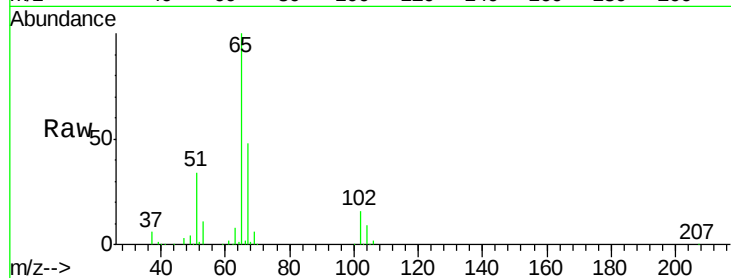
PB132009ZHE#08

Tot Ion: 65 Resp: 190846

Ion Ratio Lower Upper

65 100

67 48.6 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: VN063786.D

Acq: 1 Oct 2020 20:57

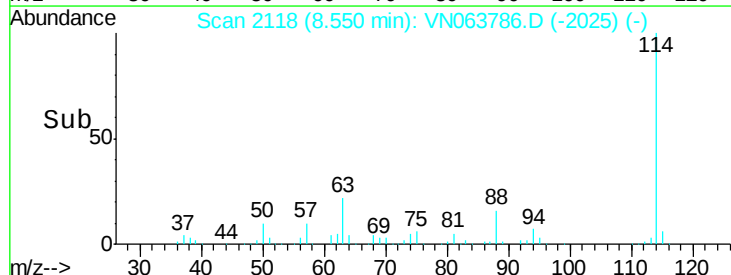
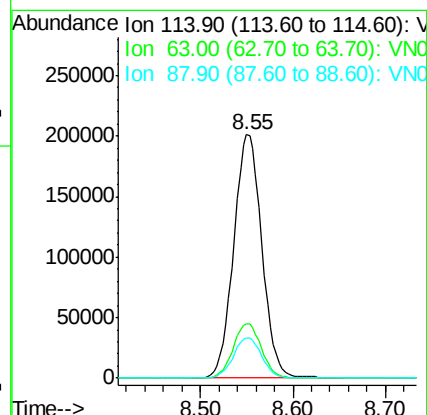
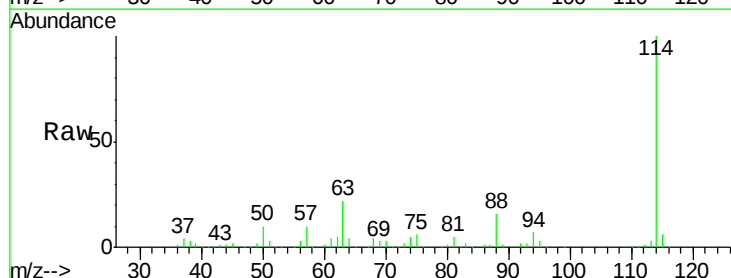
Tgt Ion: 114 Resp: 423689

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

88 16.4 0.0 34.0

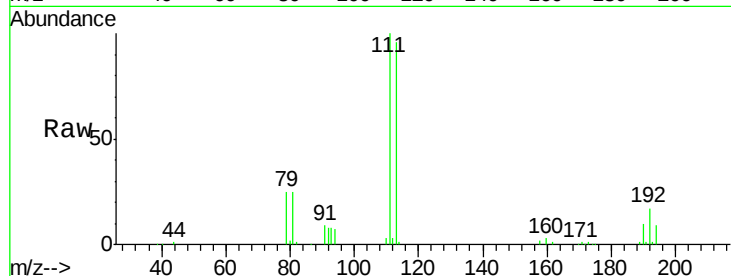




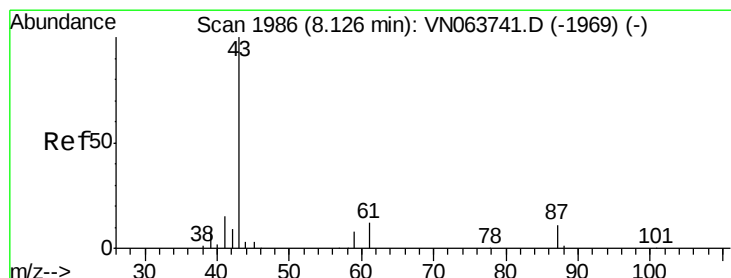
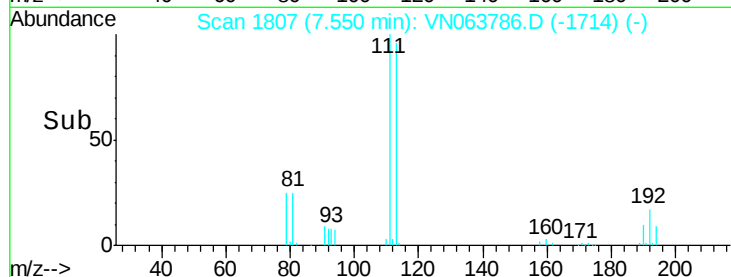
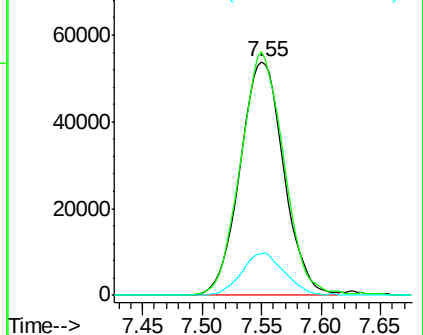
#35
 Dibromofluoromethane
 Concen: 46.611 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063786.D
 Acq: 1 Oct 2020 20:57

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132009ZHE#08

Tot Ion:113 Resp: 137030
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.8
 192 17.9 14.2 21.2

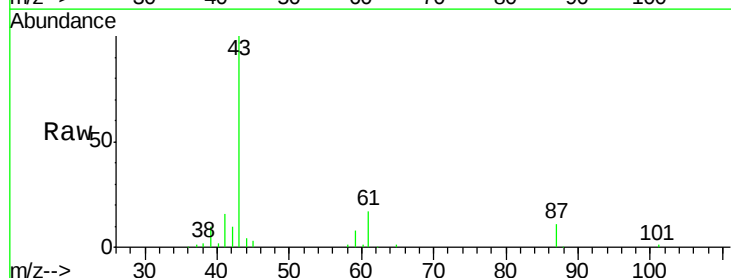


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

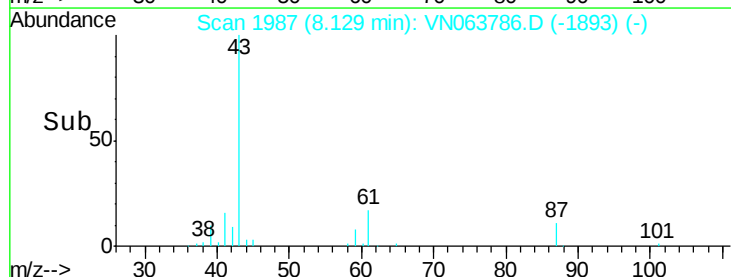
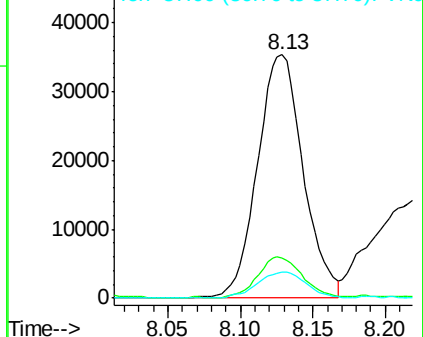


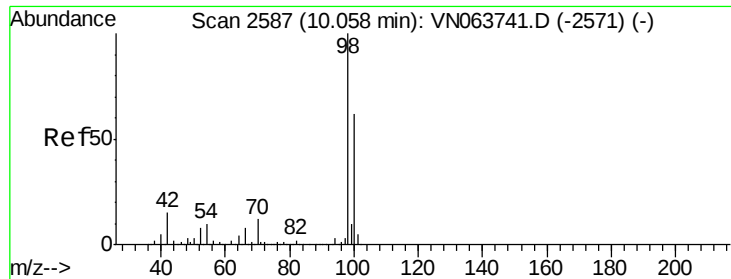
#43
 Isopropyl Acetate
 Concen: 11.018 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063786.D
 Acq: 1 Oct 2020 20:57

Tgt Ion: 43 Resp: 77501
 Ion Ratio Lower Upper
 43 100
 61 16.8 14.2 21.4
 87 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 61.00 (60.70 to 61.70): V
 Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 47.851 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063786.D

Acq: 1 Oct 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

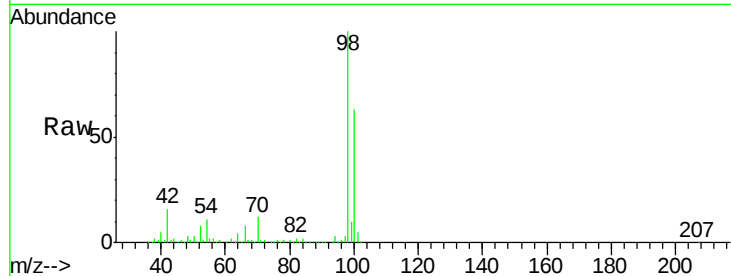
PB132009ZHE#08

Tot Ion: 98 Resp: 533287

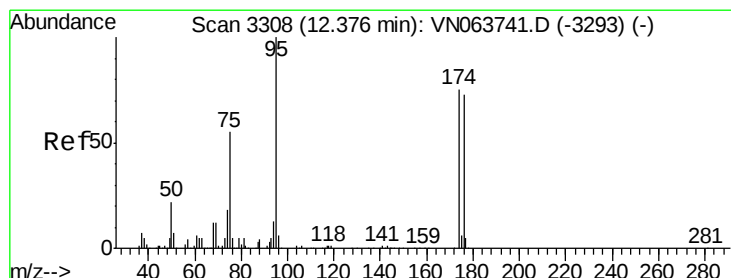
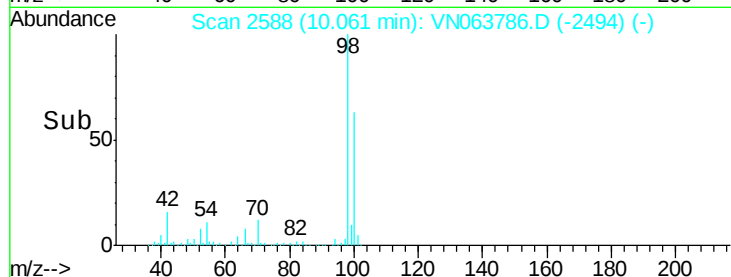
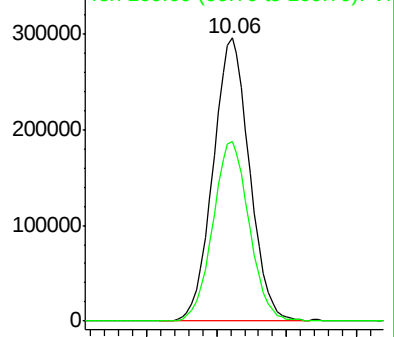
Ion Ratio Lower Upper

98 100

100 63.4 49.8 74.6



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



#62

4-Bromofluorobenzene

Concen: 51.012 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063786.D

Acq: 1 Oct 2020 20:57

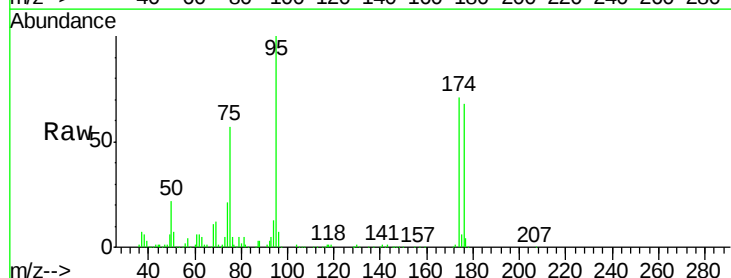
Tgt Ion: 95 Resp: 213710

Ion Ratio Lower Upper

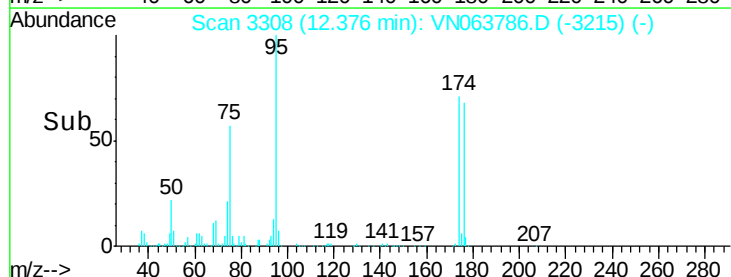
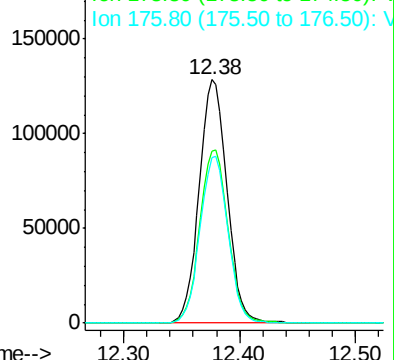
95 100

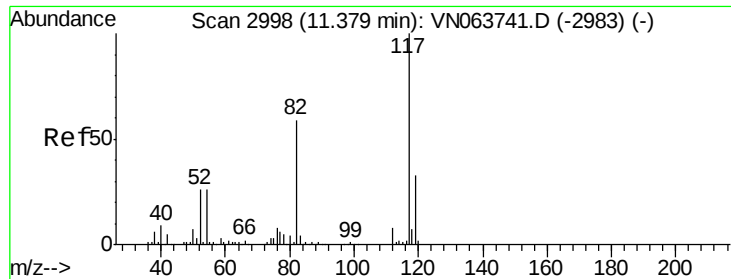
174 72.5 0.0 150.6

176 68.9 0.0 145.4



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

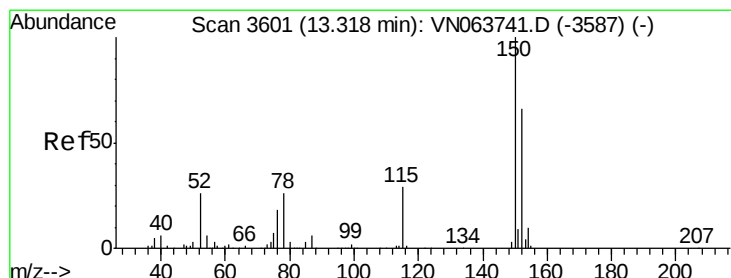
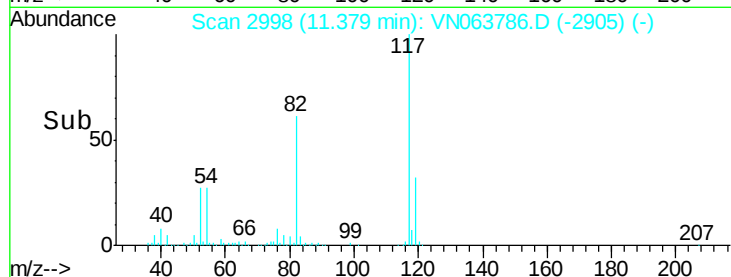
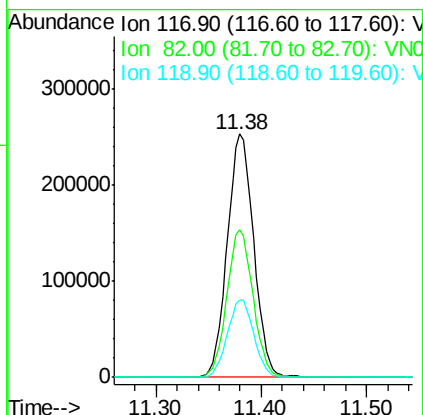
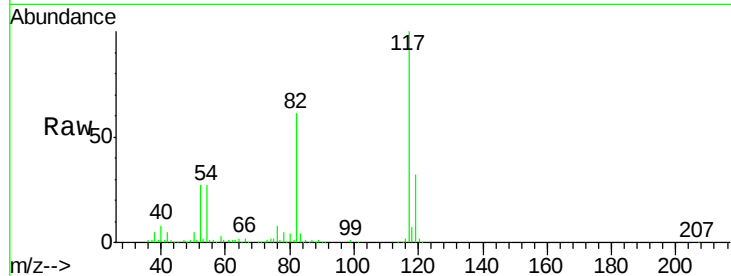




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063786.D
Acq: 1 Oct 2020 20:57

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#08

Tot Ion:117 Resp: 438609
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 31.9 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: VN063786.D
Acq: 1 Oct 2020 20:57

Tgt Ion:152 Resp: 175363
Ion Ratio Lower Upper
152 100
115 63.9 31.3 93.8
150 158.7 0.0 341.8

