

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021120\
 Data File : VN060062.D
 Acq On : 11 Feb 2020 13:56
 Operator : JC/MD
 Sample : PB126730ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126730ZHE#02

Quant Time: Feb 12 04:54:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

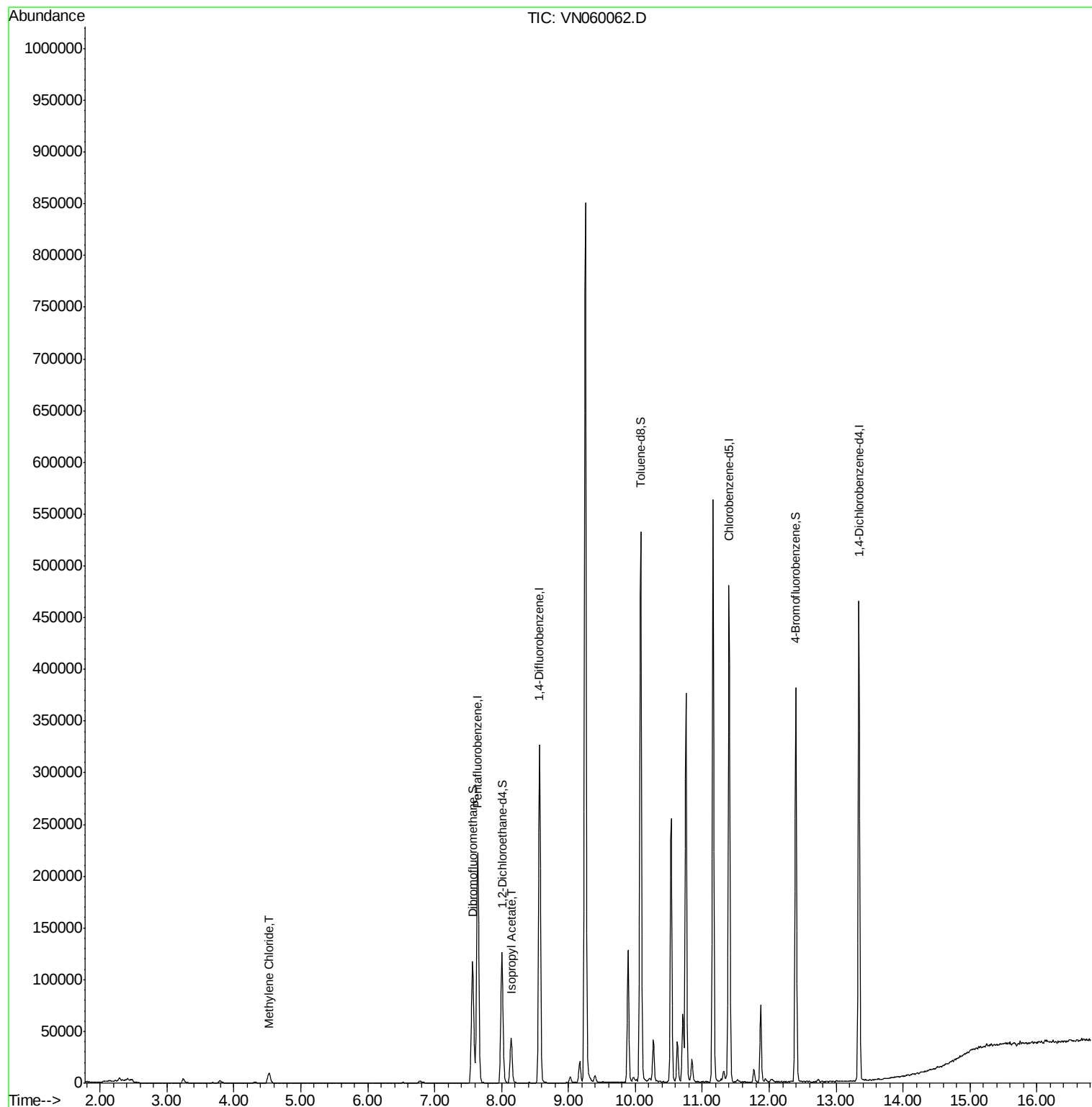
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	188120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	293579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	278231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	124735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	109597	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
35) Dibromofluoromethane	7.57	113	89920	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
50) Toluene-d8	10.08	98	361941	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
62) 4-Bromofluorobenzene	12.40	95	128305	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
Target Compounds						
20) Methylene Chloride	4.53	84	7618	2.809	ug/l	88
43) Isopropyl Acetate	8.14	43	50579	12.263	ug/l	92

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

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060062.D

Acq: 11 Feb 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

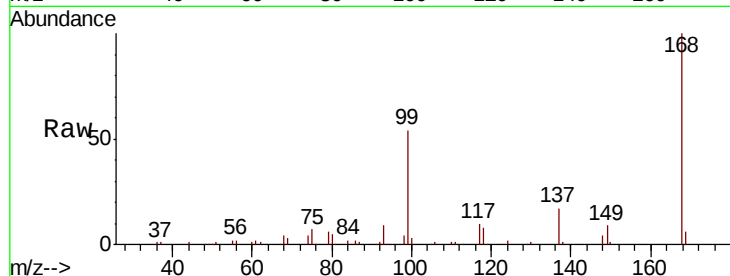
PB126730ZHE#02

Tot Ion:168 Resp: 188120

Ion Ratio Lower Upper

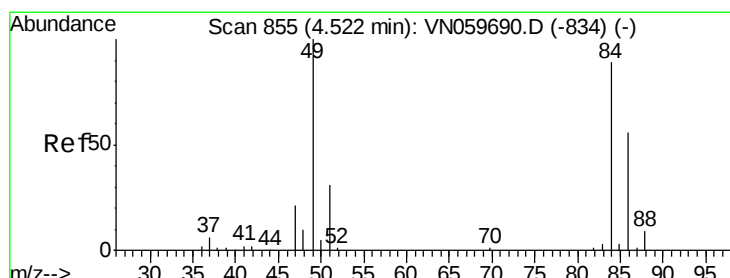
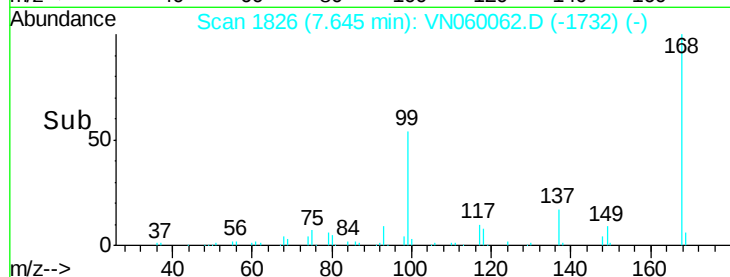
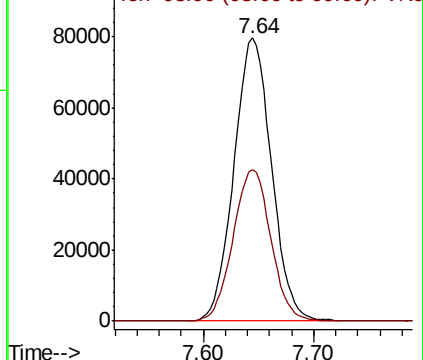
168 100

99 53.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#20

Methylene Chloride

Concen: 2.809 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060062.D

Acq: 11 Feb 2020 13:56

Tgt Ion: 84 Resp: 7618

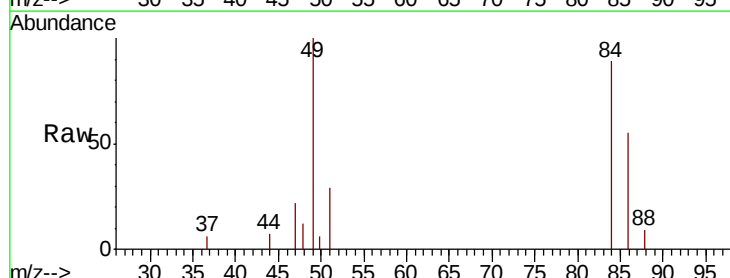
Ion Ratio Lower Upper

84 100

49 112.8 106.6 160.0

51 32.8 31.9 47.9

86 61.7 50.8 76.2

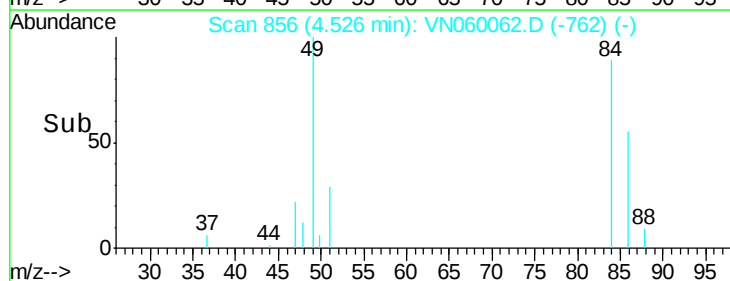
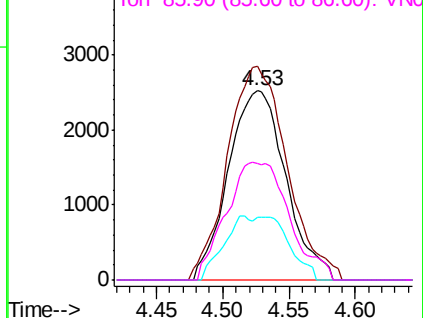


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 52.461 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060062.D

Acq: 11 Feb 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

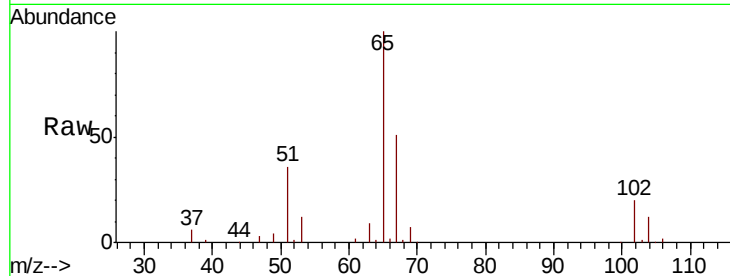
PB126730ZHE#02

Tot Ion: 65 Resp: 109597

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.00

50000

40000

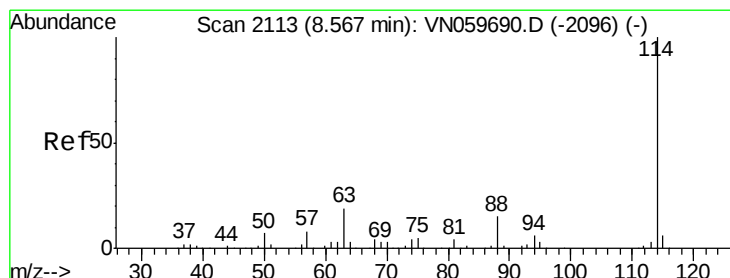
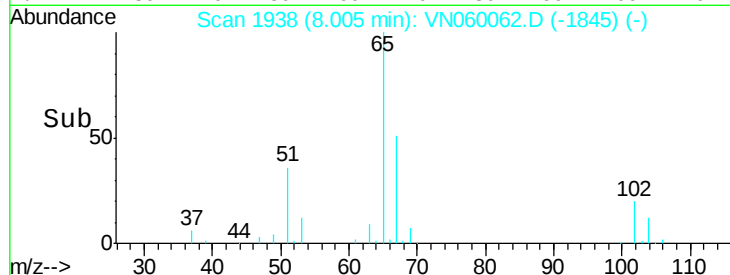
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060062.D

Acq: 11 Feb 2020 13:56

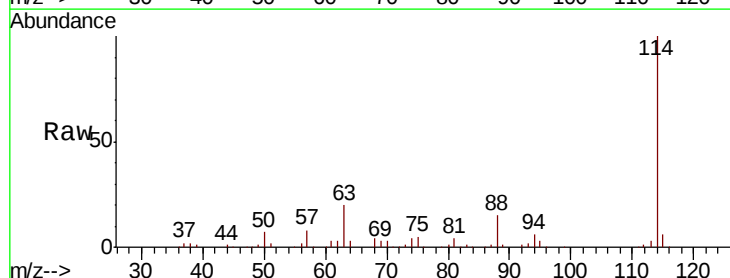
Tgt Ion: 114 Resp: 293579

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.6

88 15.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.57

200000

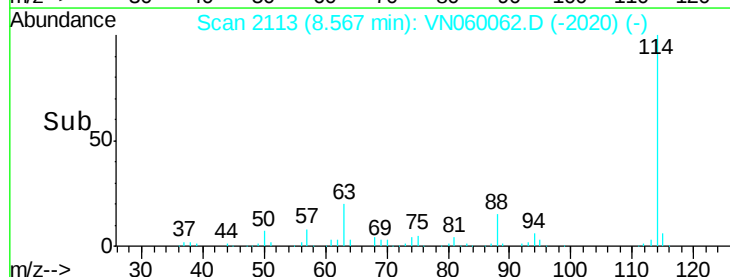
150000

100000

50000

0

Time-->

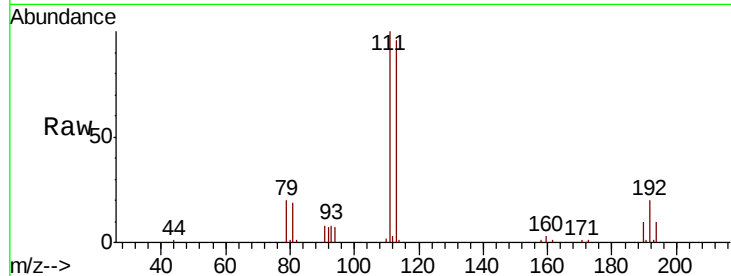




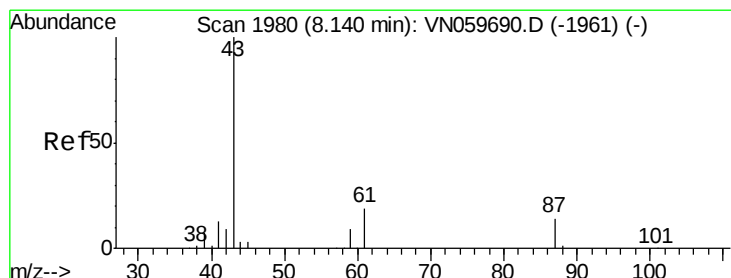
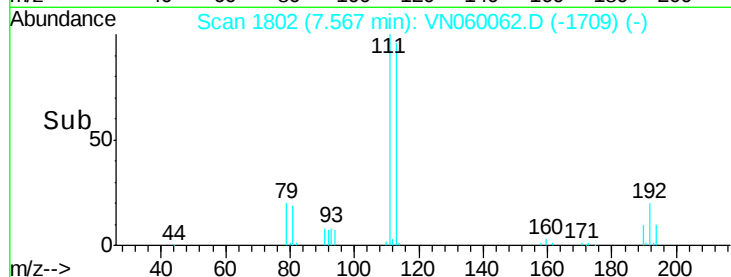
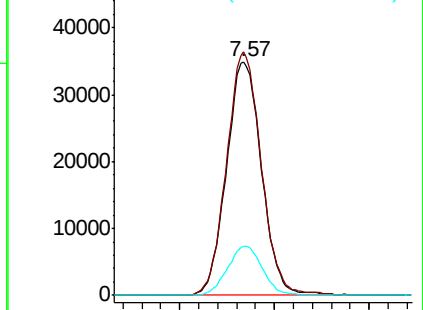
#35
 Dibromofluoromethane
 Concen: 51.361 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060062.D
 Acq: 11 Feb 2020 13:56

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126730ZHE#02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.5	125.3
192	20.8	15.4	23.2

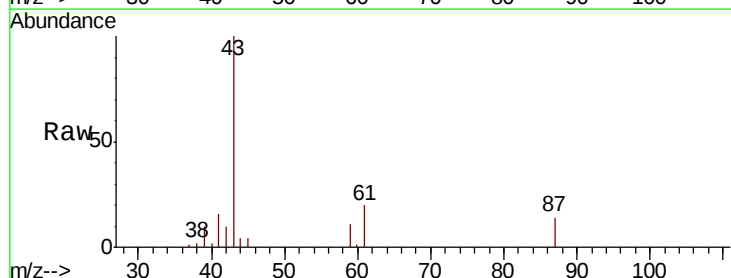


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

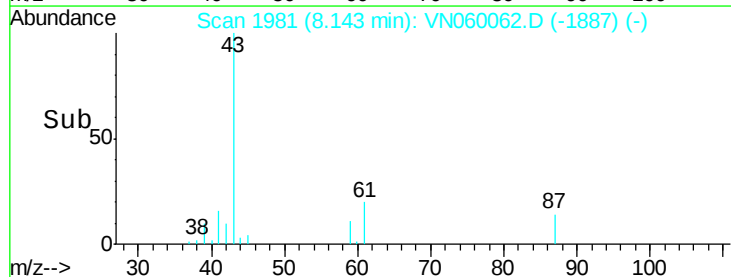
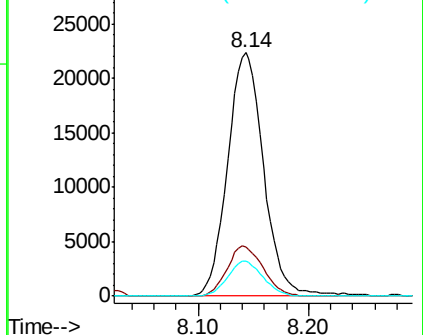


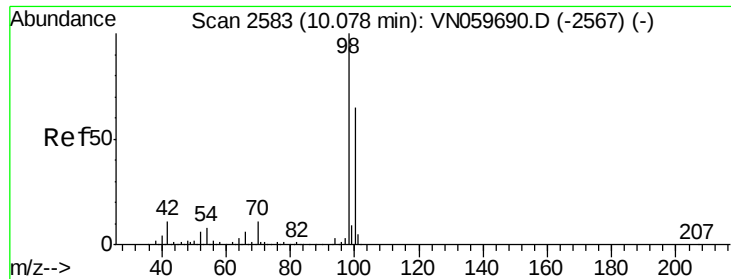
#43
 Isopropyl Acetate
 Concen: 12.263 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN060062.D
 Acq: 11 Feb 2020 13:56

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.4	20.2	30.2
87	13.9	9.5	14.3



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: 53.358 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060062.D

Acq: 11 Feb 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

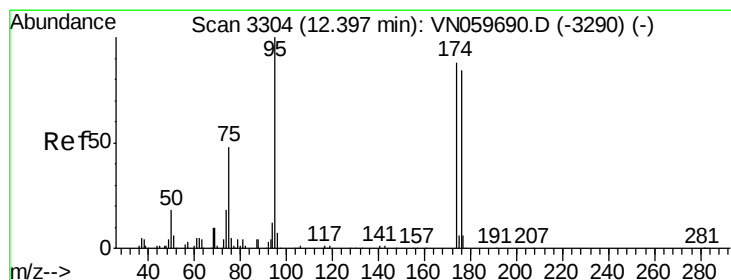
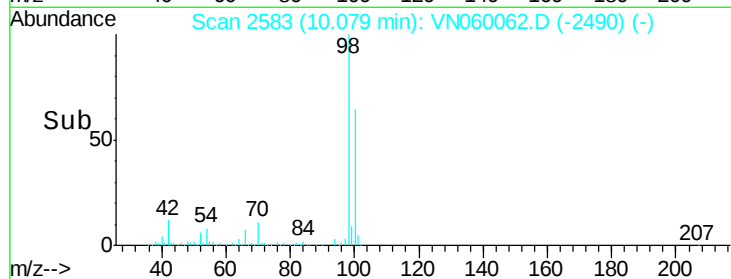
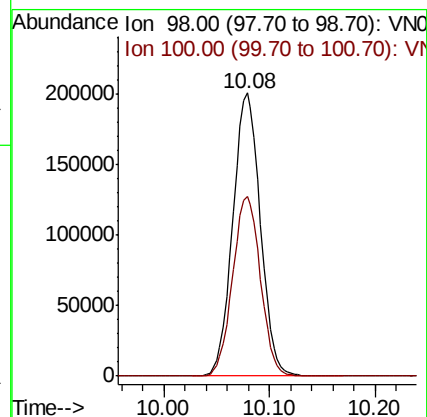
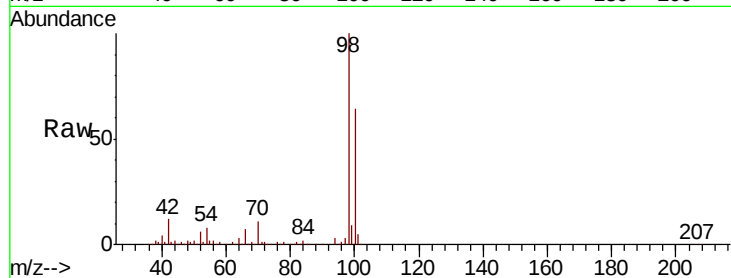
PB126730ZHE#02

Tot Ion: 98 Resp: 361941

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 52.469 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060062.D

Acq: 11 Feb 2020 13:56

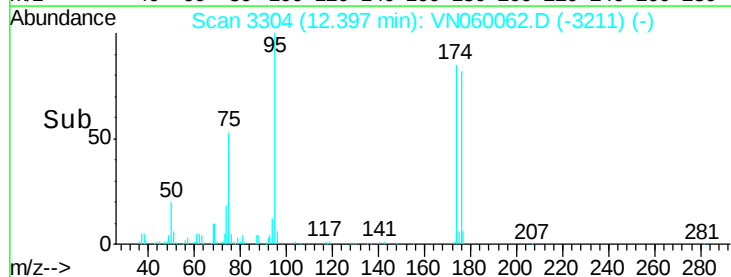
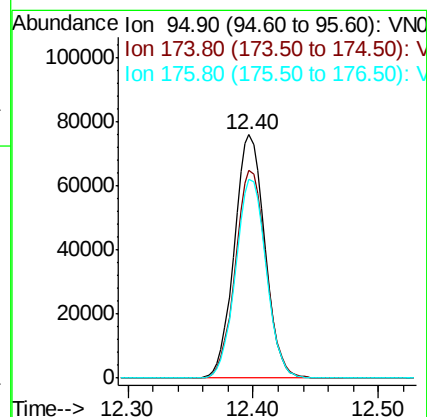
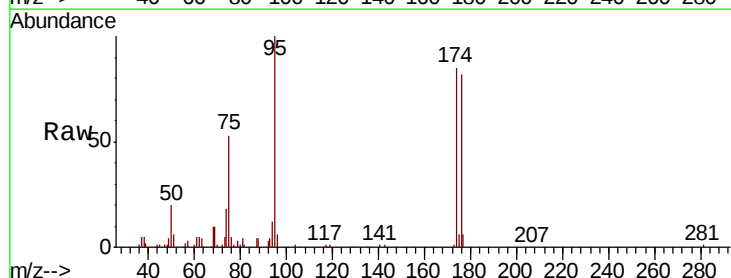
Tgt Ion: 95 Resp: 128305

Ion Ratio Lower Upper

95 100

174 86.0 0.0 151.4

176 82.0 0.0 146.0

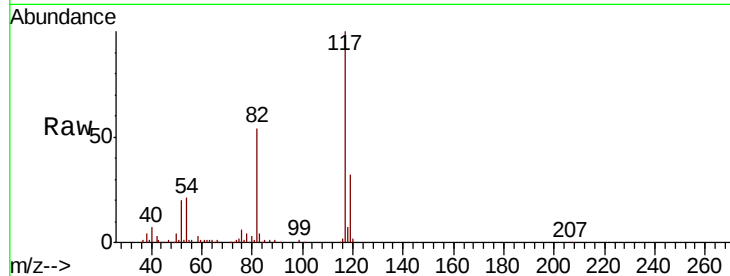




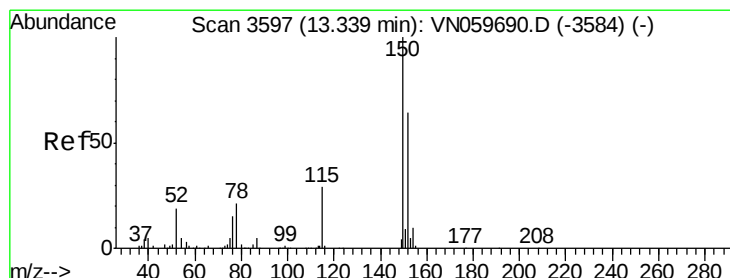
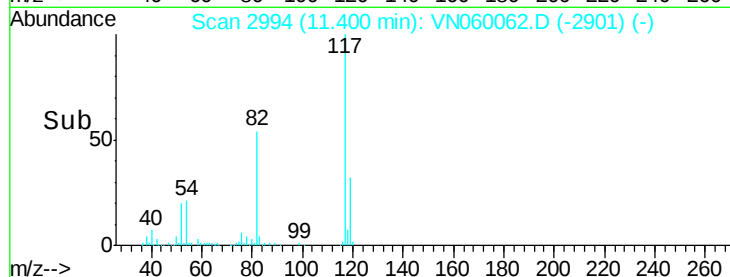
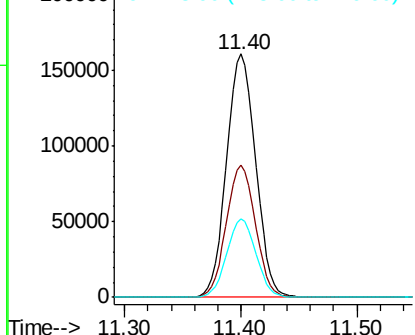
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060062.D
Acq: 11 Feb 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
PB126730ZHE#02

Tot Ion:117 Resp: 278231
Ion Ratio Lower Upper
117 100
82 54.1 45.9 68.9
119 32.2 25.5 38.3

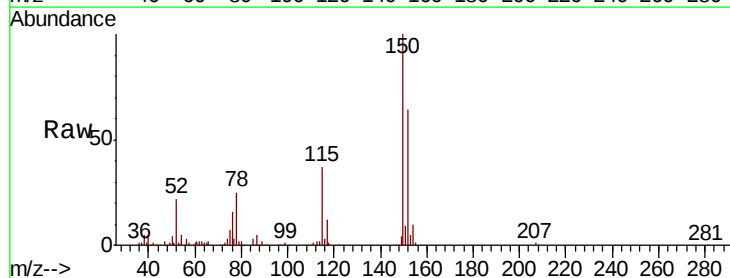


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060062.D
Acq: 11 Feb 2020 13:56

Tgt Ion:152 Resp: 124735
Ion Ratio Lower Upper
152 100
115 57.5 30.3 90.9
150 156.3 0.0 345.2



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

