

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022619\
 Data File : VN053962.D
 Acq On : 26 Feb 2019 18:24
 Operator : JC/SP
 Sample : PB117375ZHE#05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117375ZHE#05

Quant Time: Feb 27 03:15:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

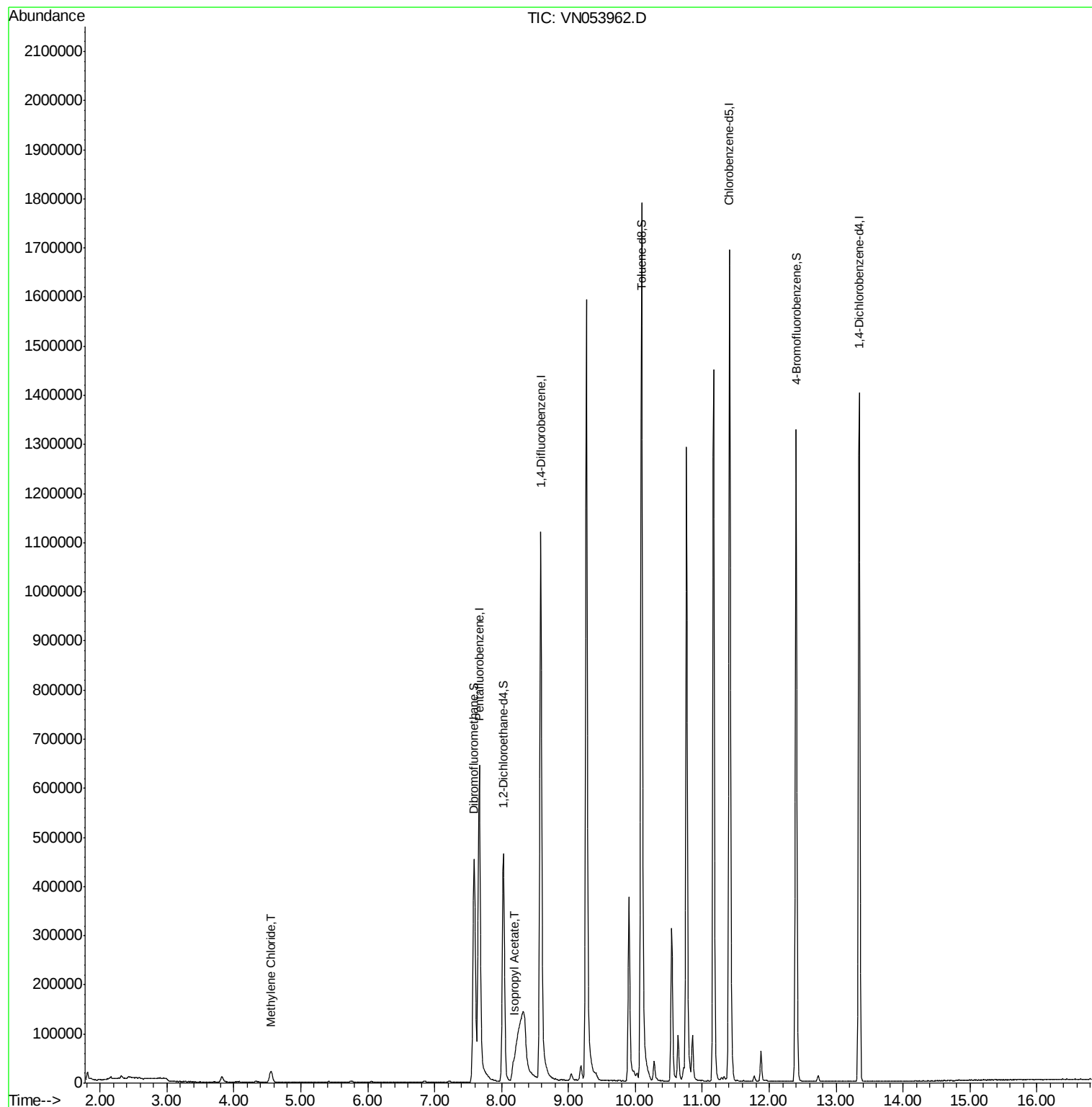
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	581024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1106500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1080506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	389952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	396869	58.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.54%	
35) Dibromofluoromethane	7.59	113	361382	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
50) Toluene-d8	10.09	98	1409995	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
62) 4-Bromofluorobenzene	12.40	95	459460	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
Target Compounds						
20) Methylene Chloride	4.56	84	16801	2.492	ug/l	93
43) Isopropyl Acetate	8.18	43	36592	2.950	ug/l #	88

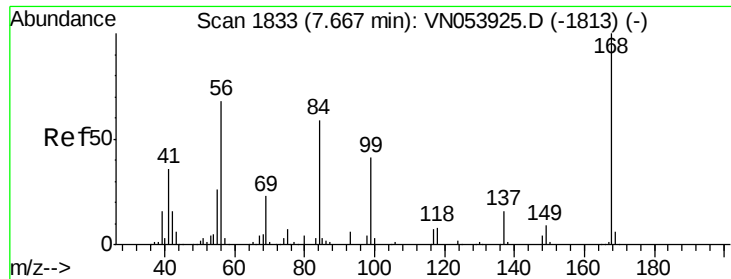
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053962.D

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Instrument :

MSVOA_N

ClientSampleId :

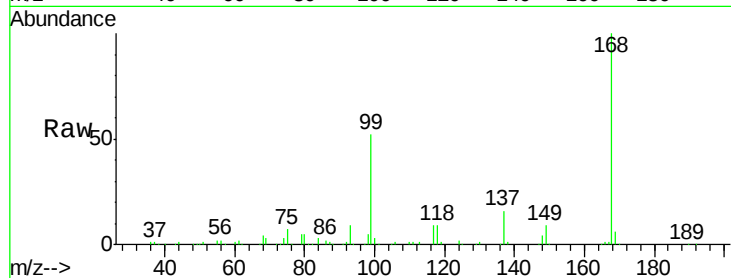
PB117375ZHE#05

Tgt Ion:168 Resp: 581024

Ion Ratio Lower Upper

168 100

99 52.4 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

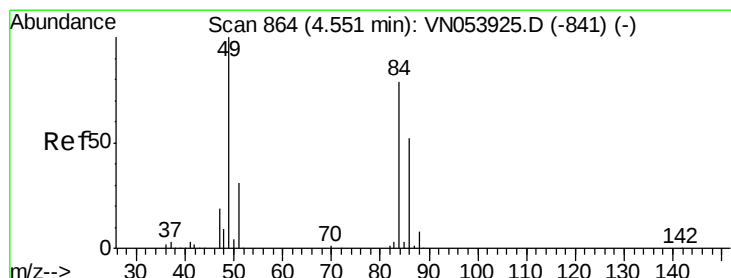
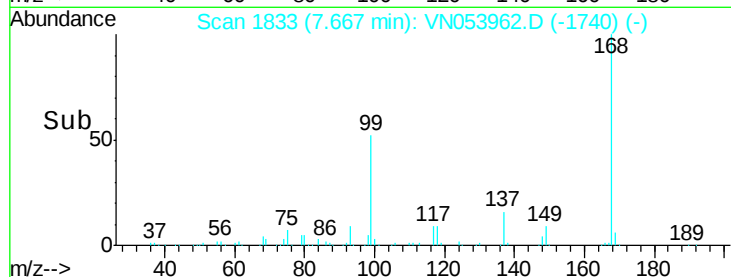
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 2.492 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN053962.D

Acq: 26 Feb 2019 18:24

Tgt Ion: 84 Resp: 16801

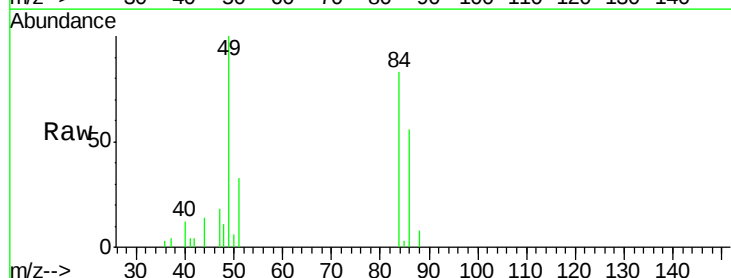
Ion Ratio Lower Upper

84 100

49 120.6 89.7 134.5

51 39.9 27.8 41.8

86 67.1 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

10000

8000

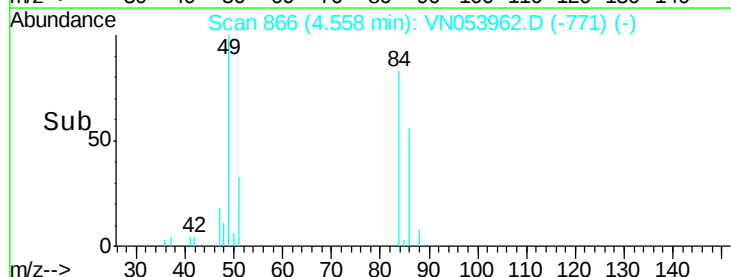
6000

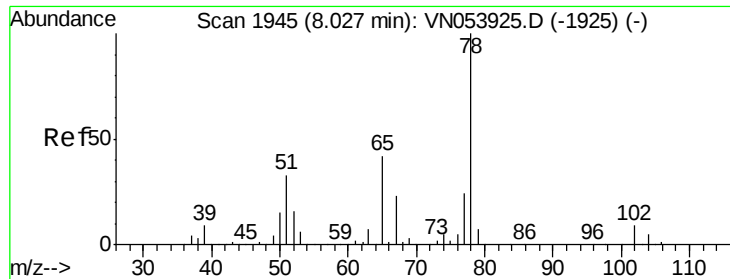
4000

2000

0

Time--> 4.45 4.50 4.55 4.60 4.65

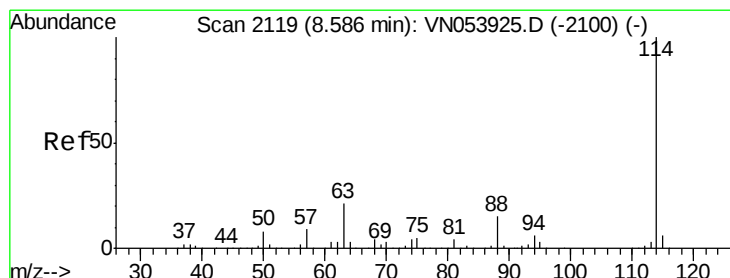
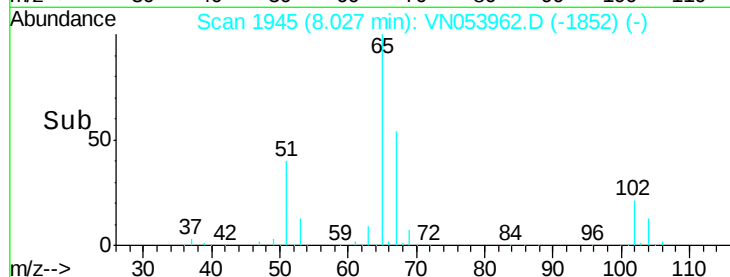
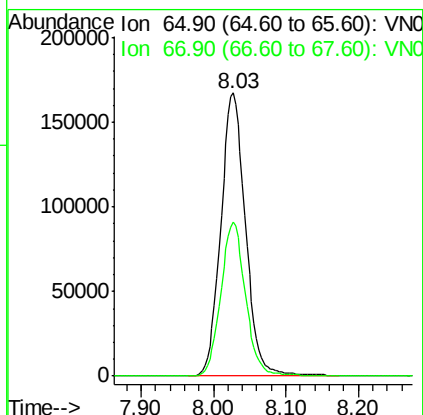
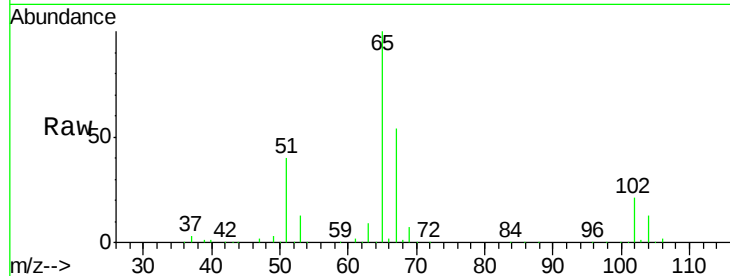




#33
 1,2-Dichloroethane-d4
 Concen: 58.270 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053962.D
 Acq: 26 Feb 2019 18:24

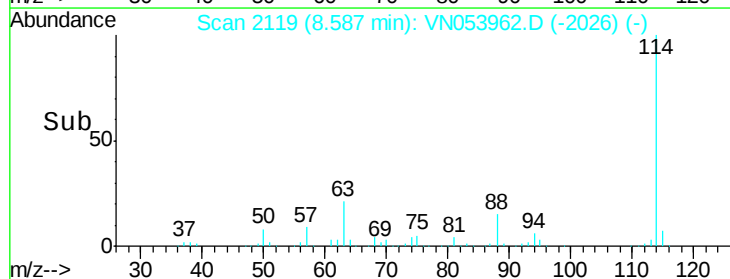
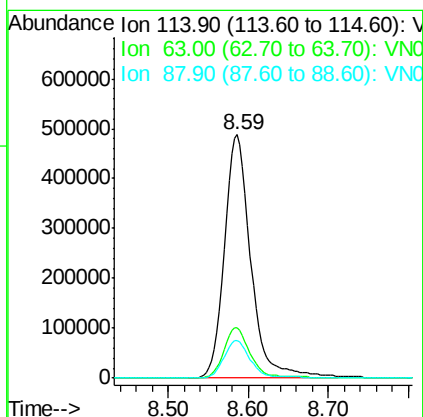
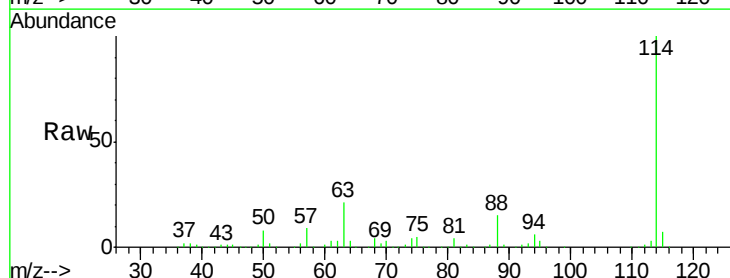
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117375ZHE#05

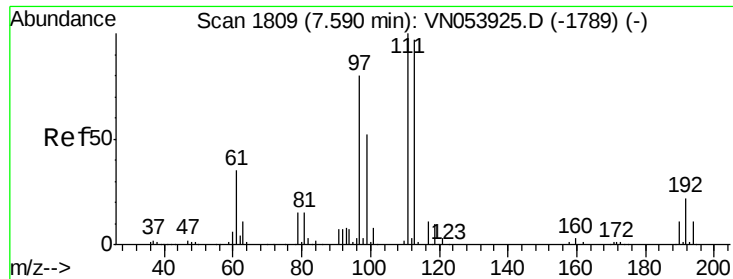
Tgt Ion: 65 Resp: 396869
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053962.D
 Acq: 26 Feb 2019 18:24

Tgt Ion: 114 Resp: 1106500
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.4
 88 15.5 0.0 30.4

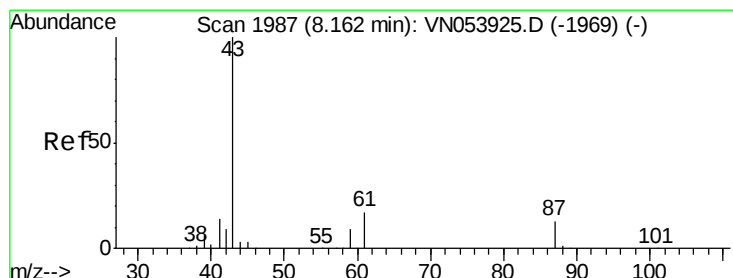
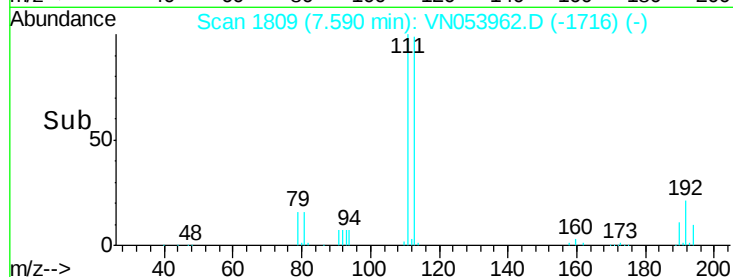
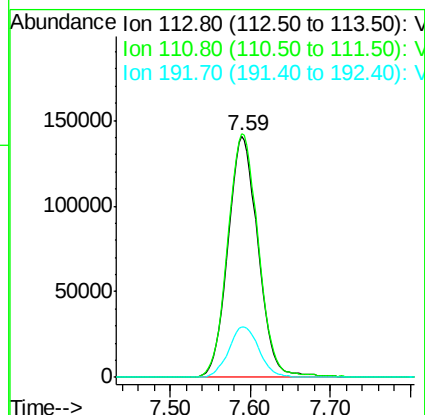
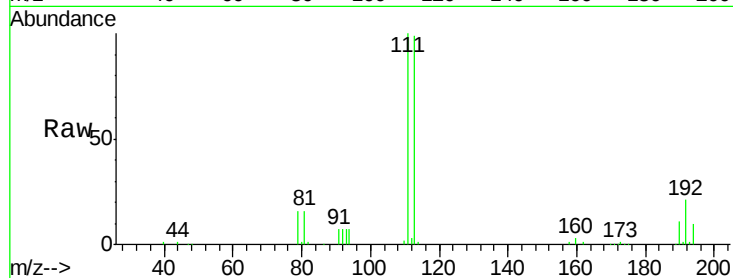




#35
 Dibromofluoromethane
 Concen: 50.506 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053962.D
 Acq: 26 Feb 2019 18:24

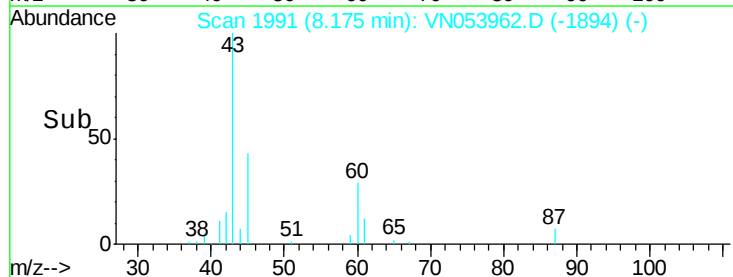
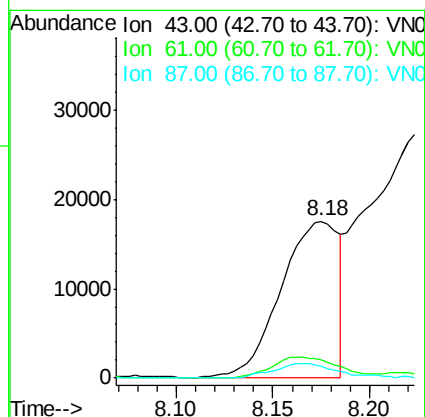
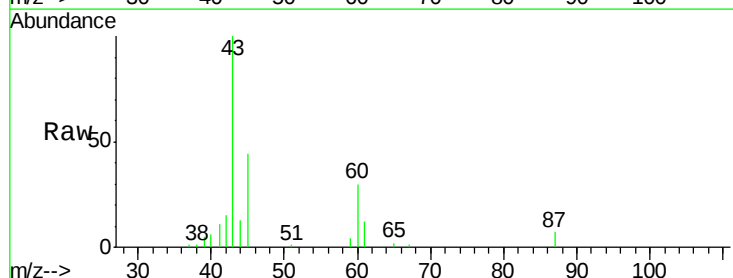
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117375ZHE#05

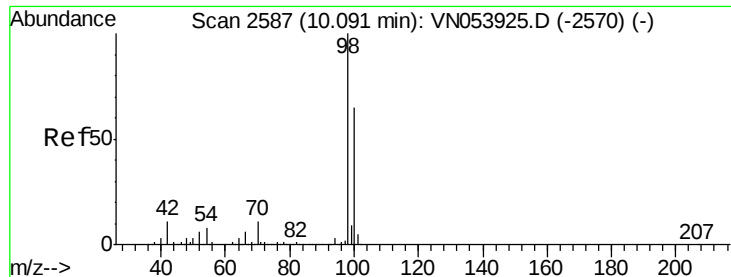
Tgt Ion:113 Resp: 361382
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.1 121.7
 192 21.0 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 2.950 ug/l
 RT: 8.18 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: VN053962.D
 Acq: 26 Feb 2019 18:24

Tgt Ion: 43 Resp: 36592
 Ion Ratio Lower Upper
 43 100
 61 15.4 17.4 26.0#
 87 10.1 11.5 17.3#





#50

Toluene-d8

Concen: 52.936 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053962.D

Acq: 26 Feb 2019 18:24

Instrument :

MSVOA_N

ClientSampleId :

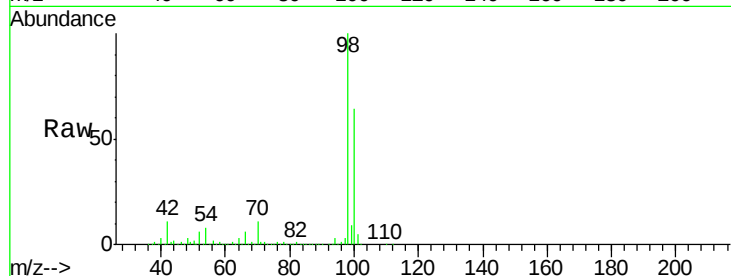
PB117375ZHE#05

Tgt Ion: 98 Resp: 1409995

Ion Ratio Lower Upper

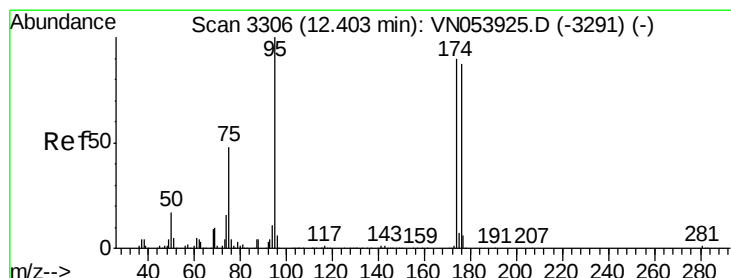
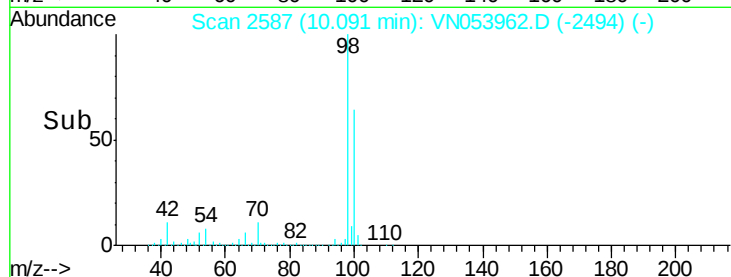
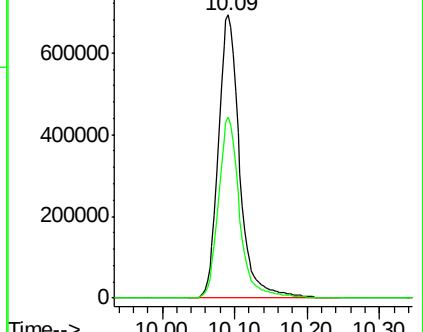
98 100

100 63.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053962.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053962.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: 51.774 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053962.D

Acq: 26 Feb 2019 18:24

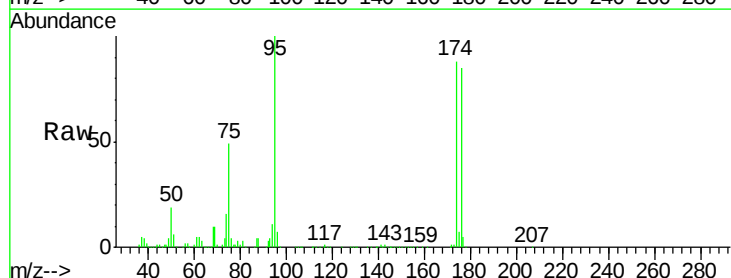
Tgt Ion: 95 Resp: 459460

Ion Ratio Lower Upper

95 100

174 88.5 0.0 188.8

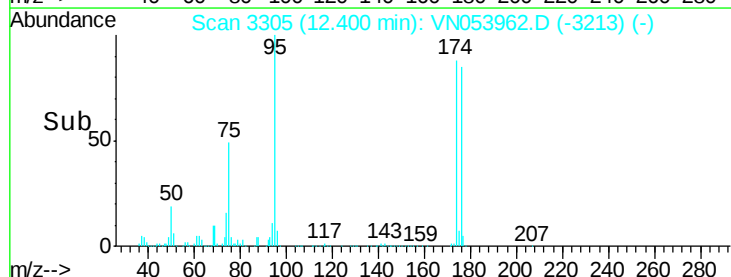
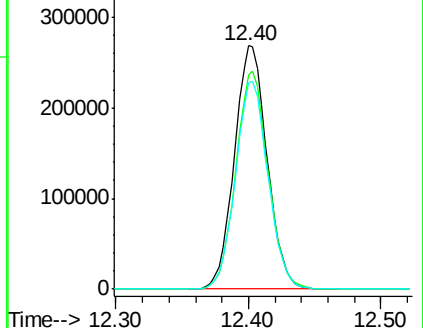
176 85.1 0.0 182.6

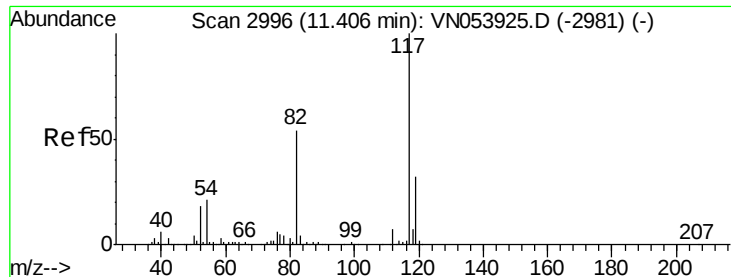


Abundance Ion 94.90 (94.60 to 95.60): VN053962.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053962.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053962.D (-3213) (-)

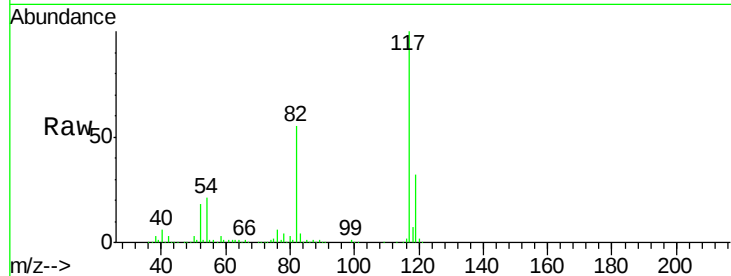




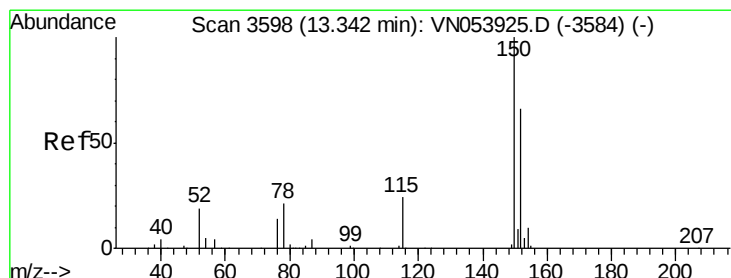
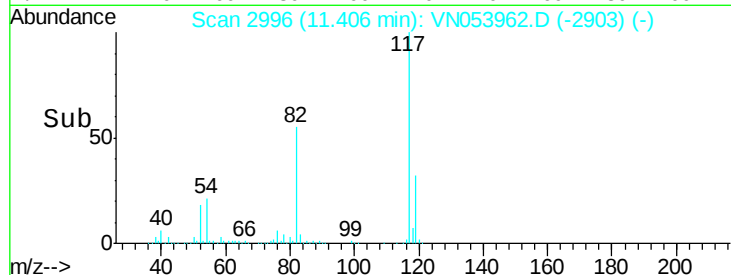
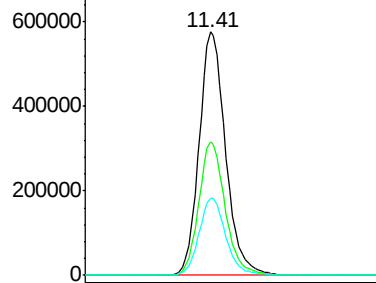
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053962.D
Acq: 26 Feb 2019 18:24

Instrument :
MSVOA_N
ClientSampleId :
PB117375ZHE#05

Tgt Ion:117 Resp: 1080506
Ion Ratio Lower Upper
117 100
82 55.0 41.4 62.2
119 31.8 25.3 37.9

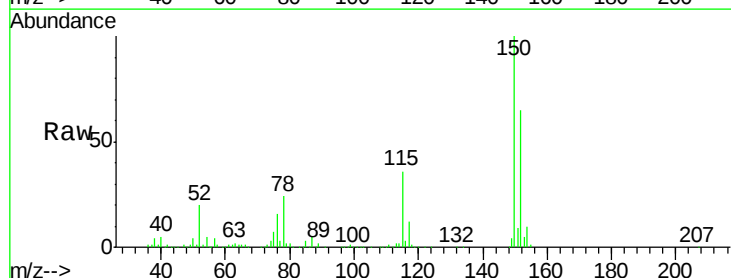


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053962.D
Acq: 26 Feb 2019 18:24

Tgt Ion:152 Resp: 389952
Ion Ratio Lower Upper
152 100
115 56.7 27.2 81.6
150 155.9 0.0 348.2



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

