

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056733.D
 Acq On : 16 Jul 2019 00:11
 Operator : JC/SP
 Sample : PB121354ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#03

Quant Time: Jul 16 05:41:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

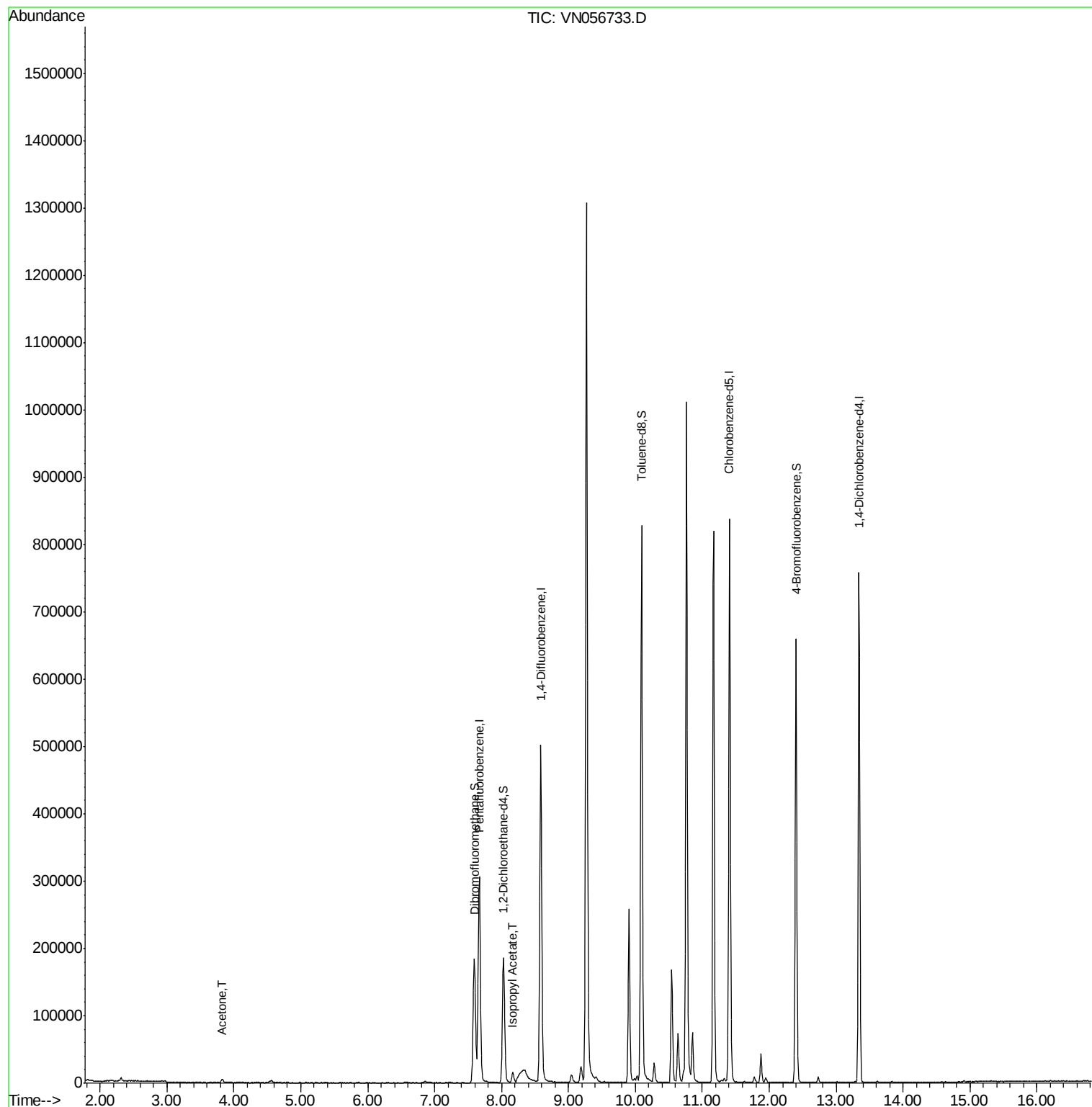
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	270092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	482922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	522557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	216587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	159001	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
35) Dibromofluoromethane	7.59	113	144942	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	10.09	98	614642	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
62) 4-Bromofluorobenzene	12.40	95	235641	60.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.40%	
Target Compounds						
16) Acetone	3.82	43	8562	6.219	ug/l	97
43) Isopropyl Acetate	8.17	43	18175	2.625	ug/l #	91

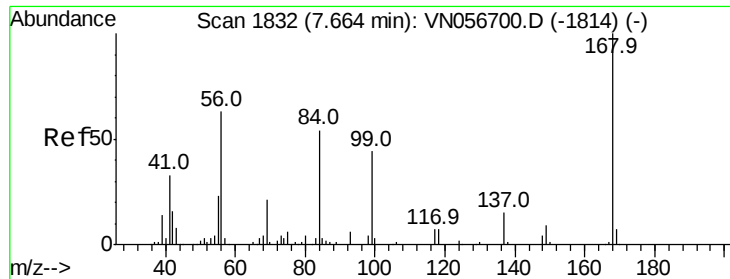
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 16 01:25:25 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056733.D

Acq: 16 Jul 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

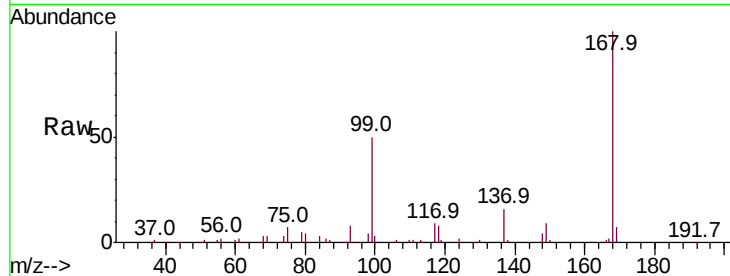
PB121354ZHE#03

Tot Ion:168 Resp: 270092

Ion Ratio Lower Upper

168 100

99 50.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

120000

100000

80000

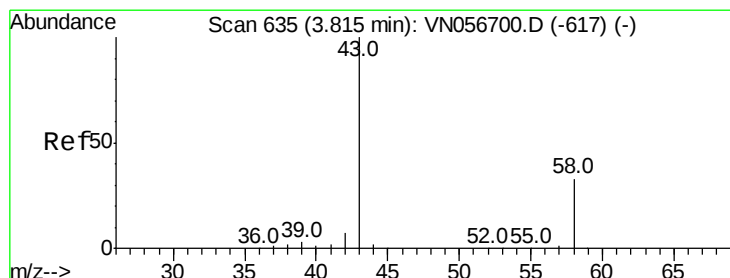
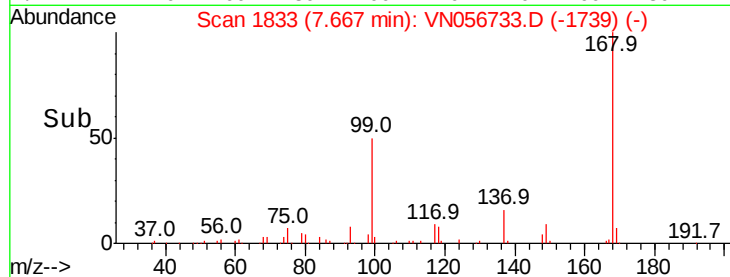
60000

40000

20000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 6.219 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056733.D

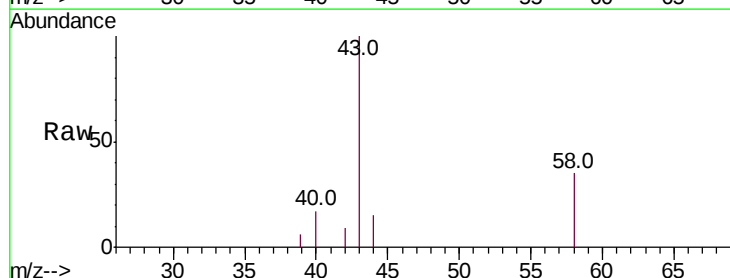
Acq: 16 Jul 2019 00:11

Tgt Ion: 43 Resp: 8562

Ion Ratio Lower Upper

43 100

58 35.1 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

3000

2500

2000

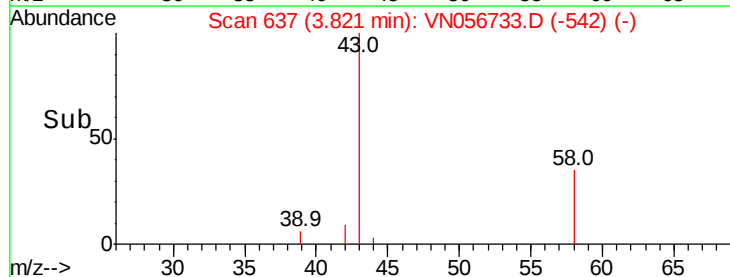
1500

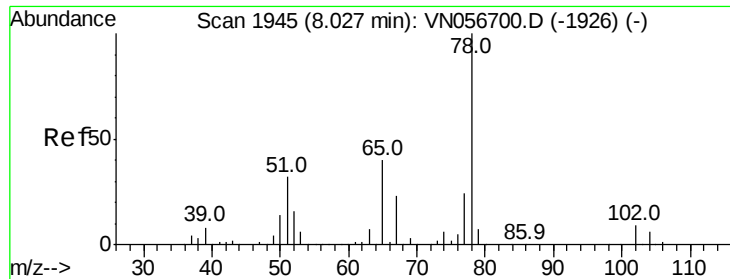
1000

500

0

Time--> 3.75 3.80 3.85 3.90

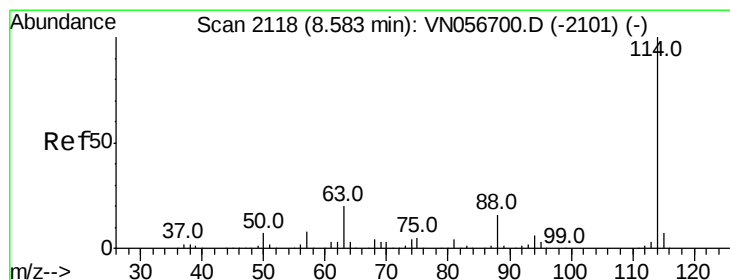
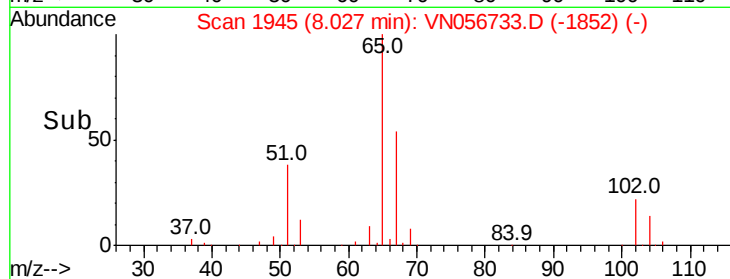
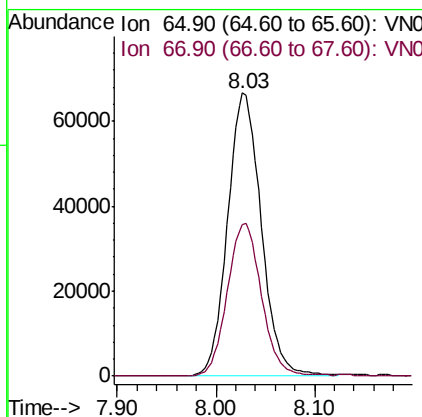
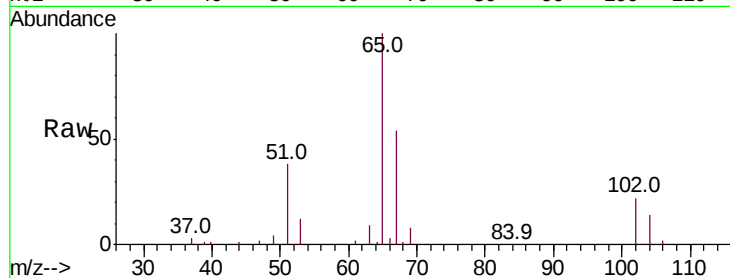




#33
 1,2-Dichloroethane-d4
 Concen: 53.221 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056733.D
 Acq: 16 Jul 2019 00:11

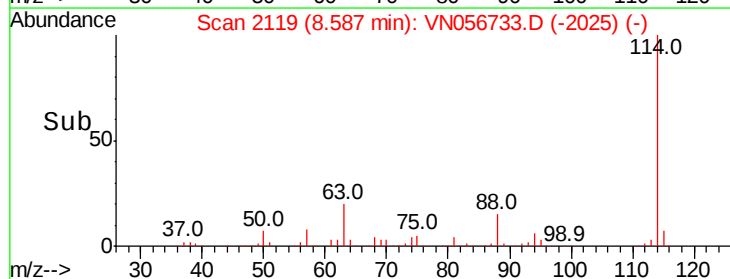
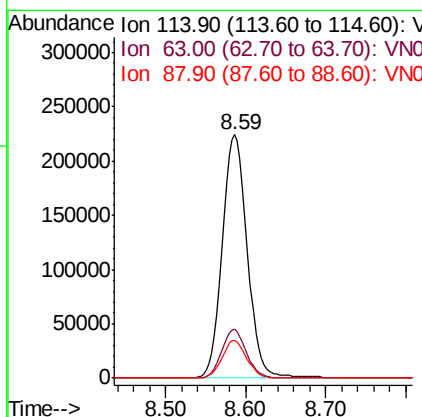
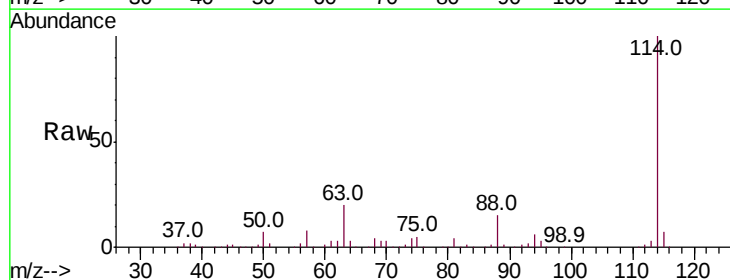
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#03

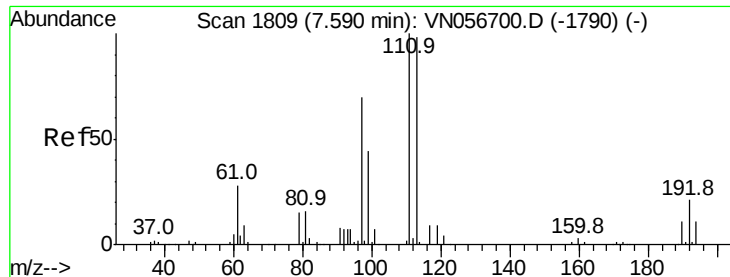
Tot Ion: 65 Resp: 159001
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056733.D
 Acq: 16 Jul 2019 00:11

Tgt Ion: 114 Resp: 482922
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 15.4 0.0 31.2

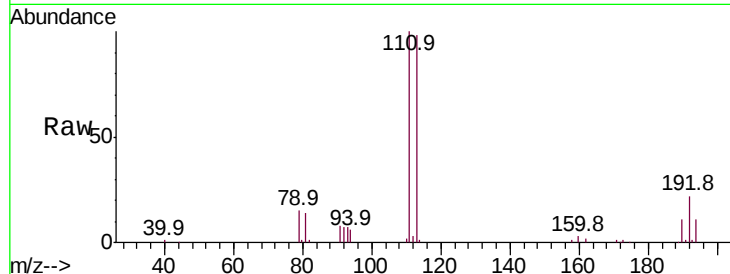




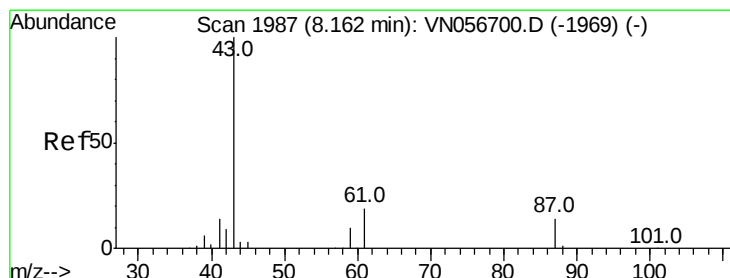
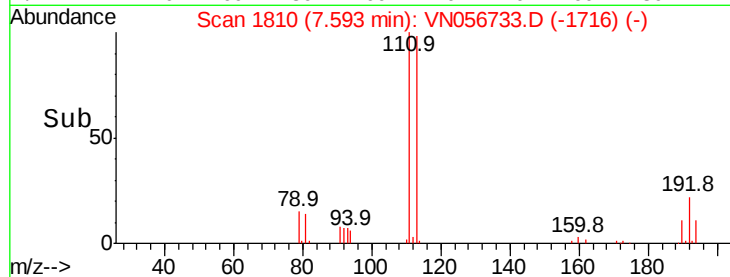
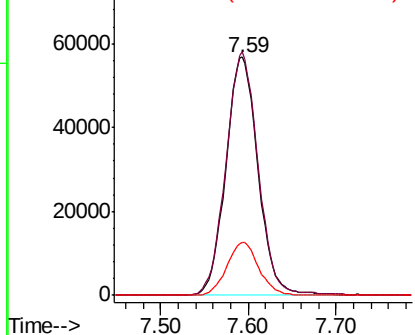
#35
 Dibromofluoromethane
 Concen: 48.228 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056733.D
 Acq: 16 Jul 2019 00:11

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#03

Tot Ion:113 Resp: 144942
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.6
 192 22.0 17.5 26.3

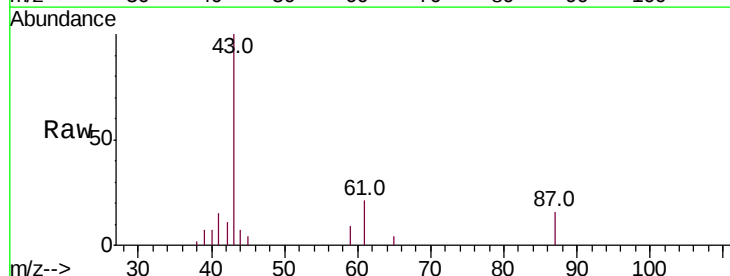


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

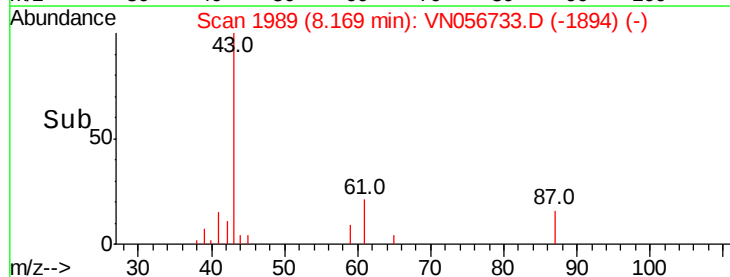
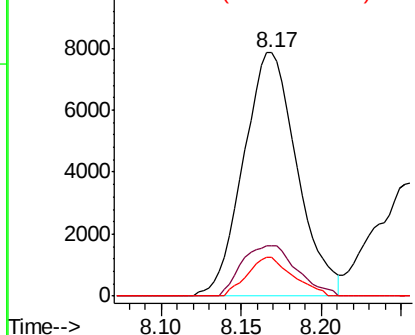


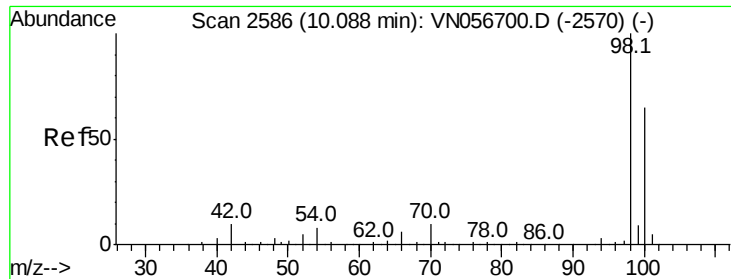
#43
 Isopropyl Acetate
 Concen: 2.625 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN056733.D
 Acq: 16 Jul 2019 00:11

Tgt Ion: 43 Resp: 18175
 Ion Ratio Lower Upper
 43 100
 61 21.2 22.3 33.5#
 87 13.5 11.1 16.7



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





#50

Toluene-d8

Concen: 52.953 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056733.D

Acq: 16 Jul 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

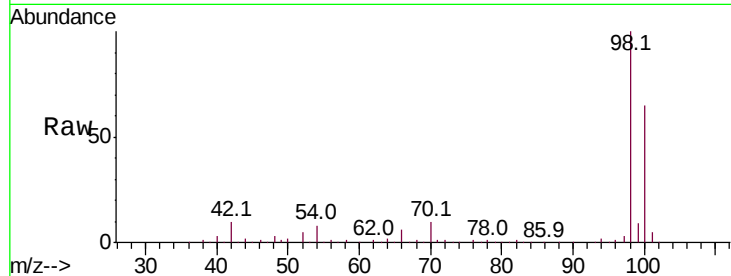
PB121354ZHE#03

Tot Ion: 98 Resp: 614642

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056700.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056700.D (-2570) (-)

10.09

300000

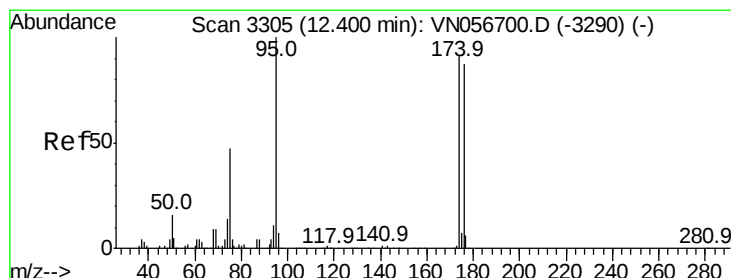
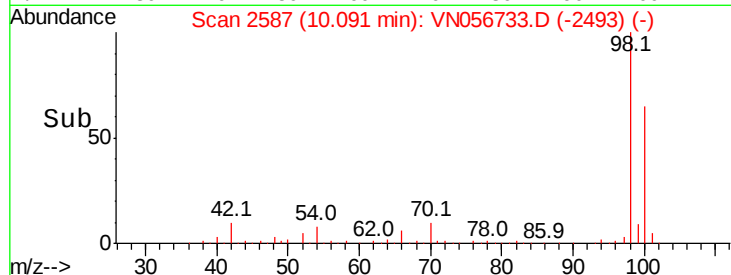
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 60.199 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056733.D

Acq: 16 Jul 2019 00:11

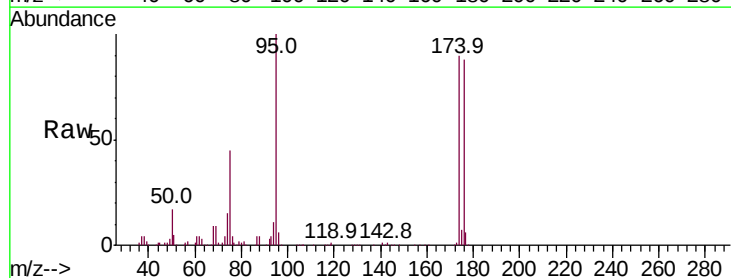
Tgt Ion: 95 Resp: 235641

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.0

176 87.6 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056700.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN056700.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN056700.D (-3290) (-)

12.40

150000

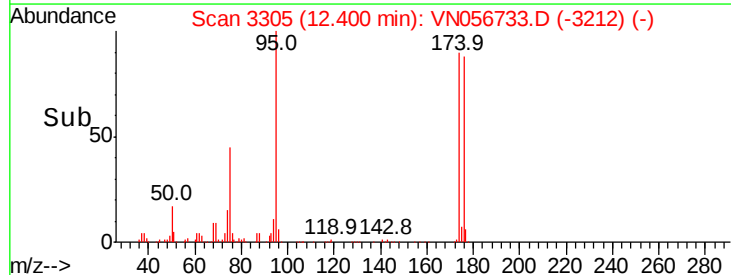
100000

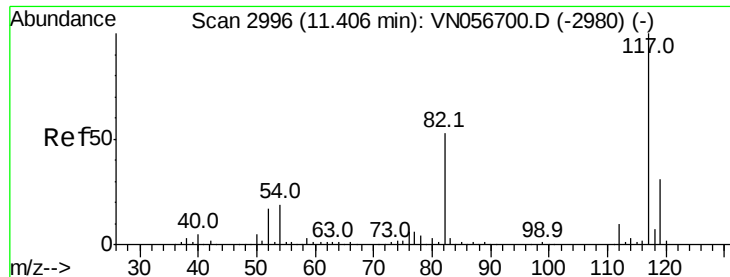
50000

0

Time-->

12.30 12.40 12.50

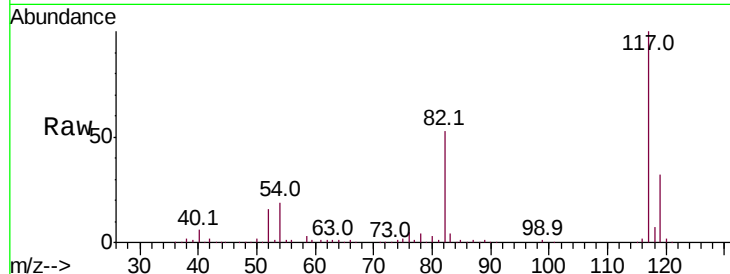




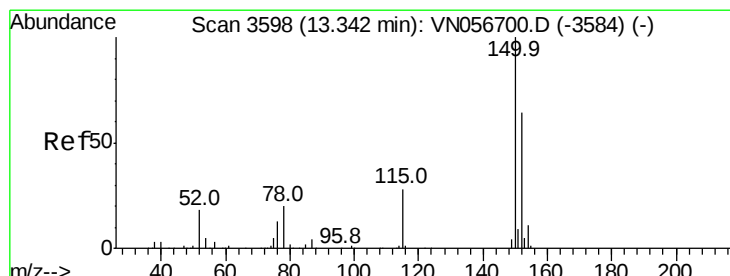
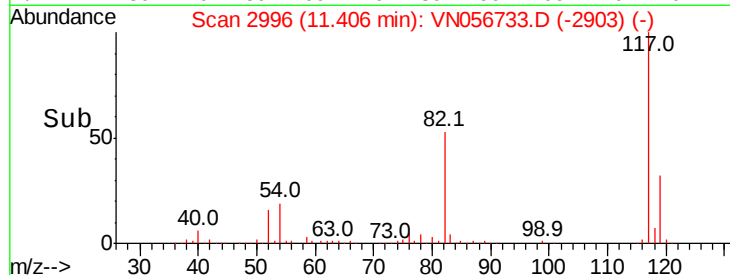
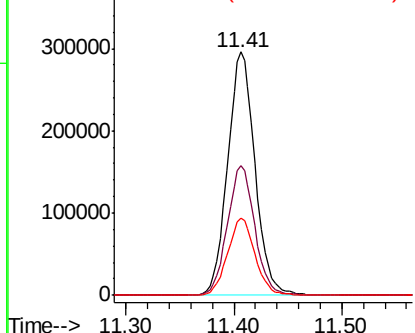
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056733.D
Acq: 16 Jul 2019 00:11

Instrument :
MSVOA_N
ClientSampleId :
PB121354ZHE#03

Tot Ion:117 Resp: 522557
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.2
119 31.8 25.2 37.8

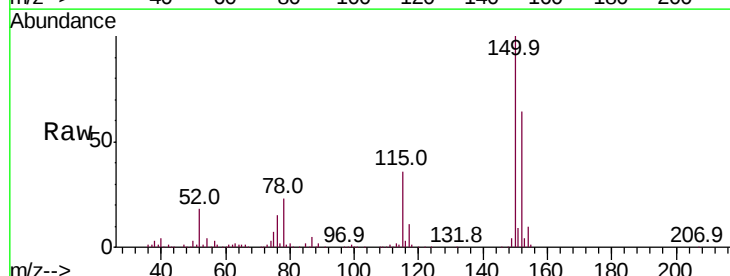


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056733.D
Acq: 16 Jul 2019 00:11

Tgt Ion:152 Resp: 216587
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 156.2 0.0 345.8



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

