

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056732.D
 Acq On : 15 Jul 2019 23:48
 Operator : JC/SP
 Sample : PB121354ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#02

Quant Time: Jul 16 05:38:51 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

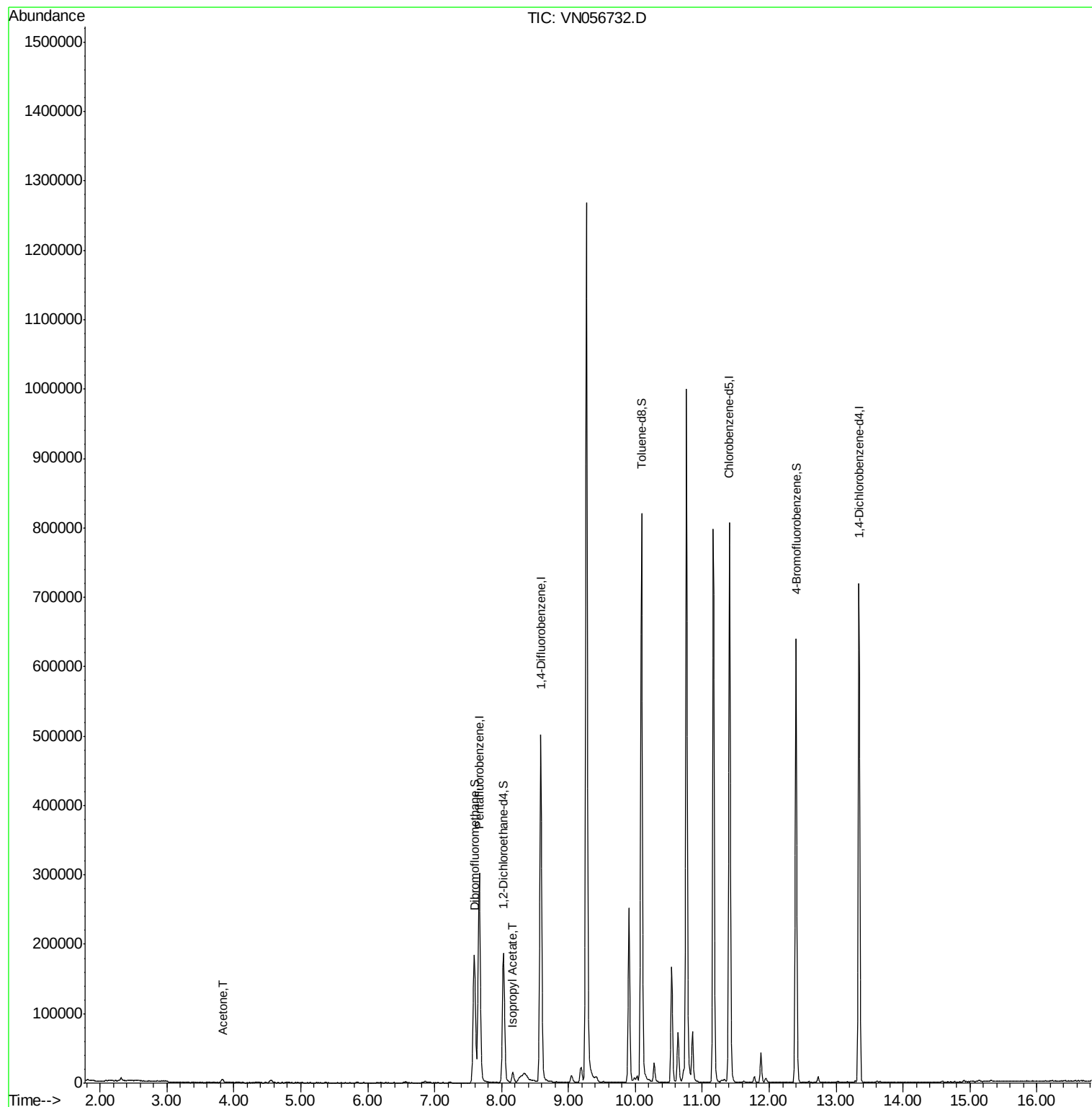
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	269904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	476222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	511443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	207707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	157541	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
35) Dibromofluoromethane	7.59	113	142327	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
50) Toluene-d8	10.09	98	609925	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.40	95	227305	58.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.78%	
Target Compounds						
16) Acetone	3.82	43	8534	6.203	ug/l #	84
43) Isopropyl Acetate	8.17	43	17497	2.563	ug/l #	92

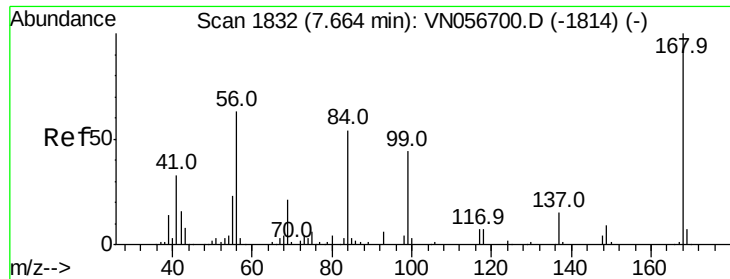
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056732.D

Acq: 15 Jul 2019 23:48

Instrument :

MSVOA_N

ClientSampleId :

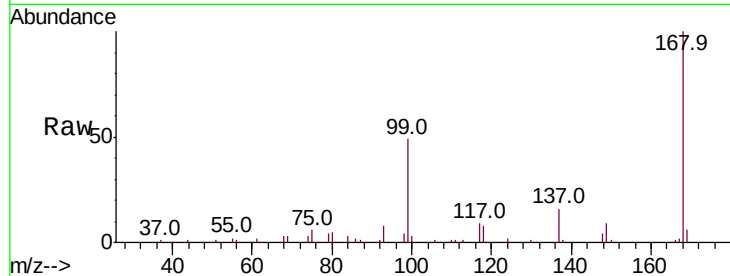
PB121354ZHE#02

Tot Ion:168 Resp: 269904

Ion Ratio Lower Upper

168 100

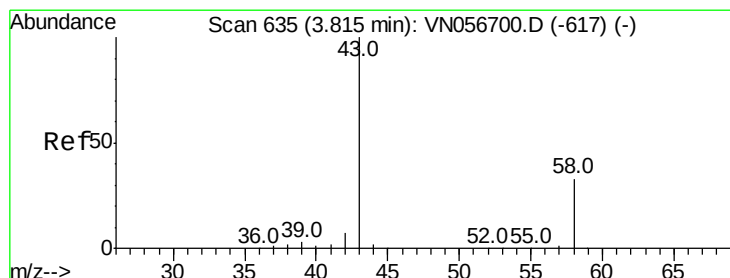
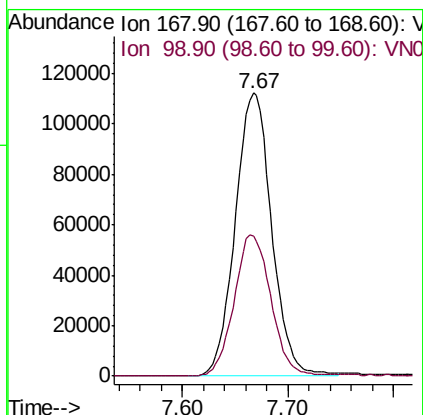
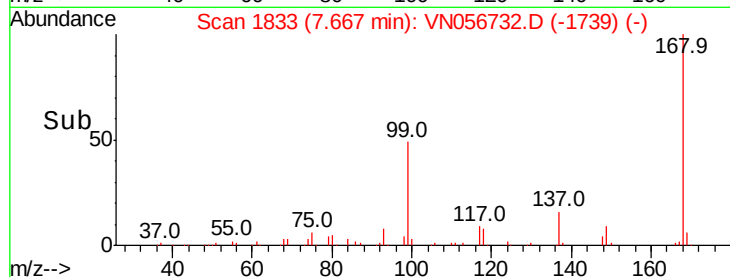
99 49.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056732.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056732.D (-1739) (-)

7.67



#16

Acetone

Concen: 6.203 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056732.D

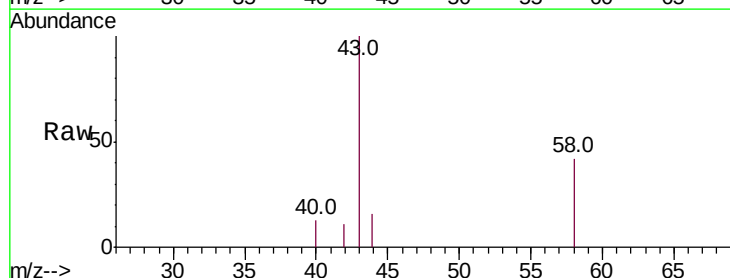
Acq: 15 Jul 2019 23:48

Tgt Ion: 43 Resp: 8534

Ion Ratio Lower Upper

43 100

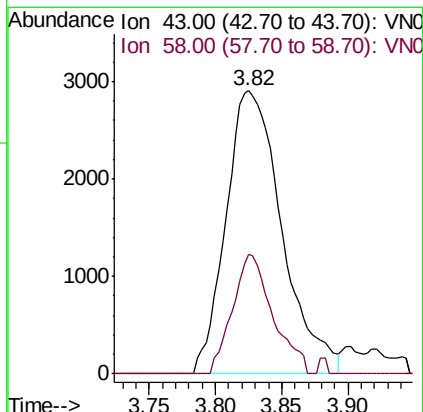
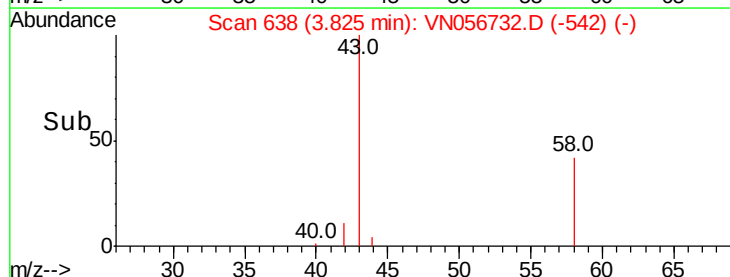
58 42.5 26.7 40.1#

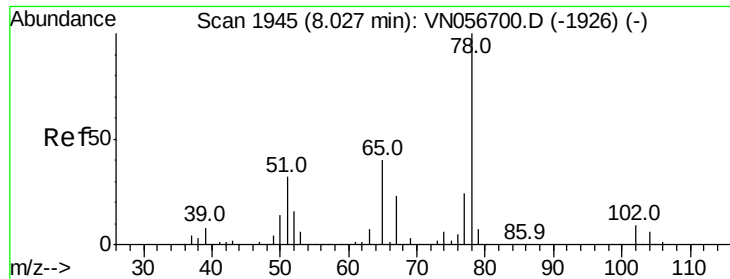


Abundance Ion 43.00 (42.70 to 43.70): VN056732.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN056732.D (-542) (-)

3.82

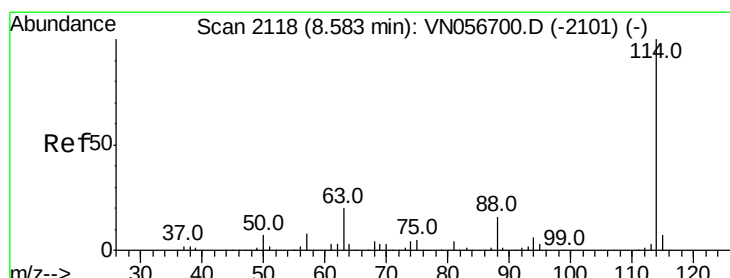
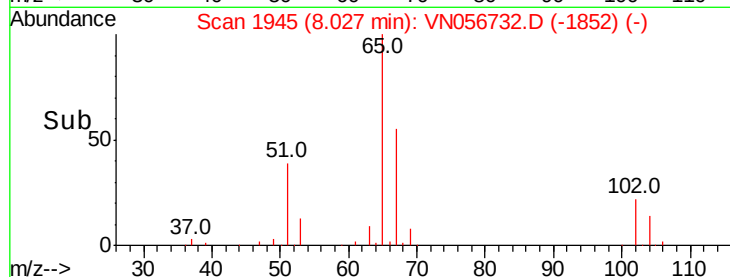
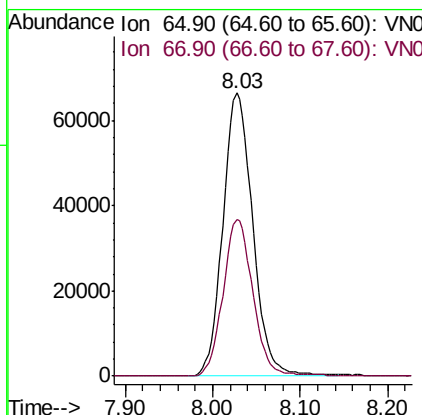
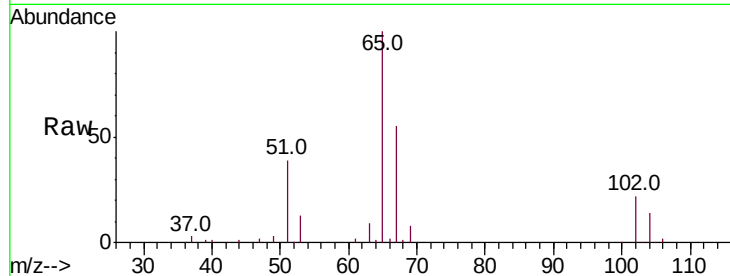




#33
 1,2-Dichloroethane-d4
 Concen: 52.769 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056732.D
 Acq: 15 Jul 2019 23:48

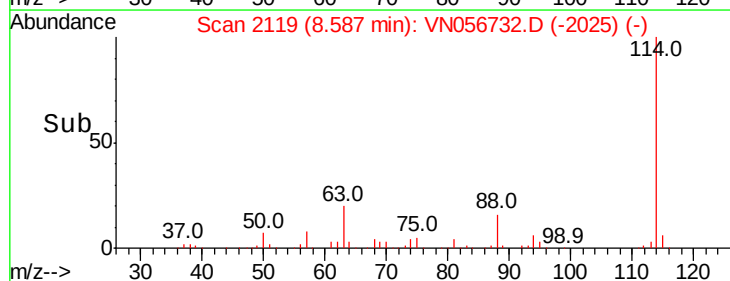
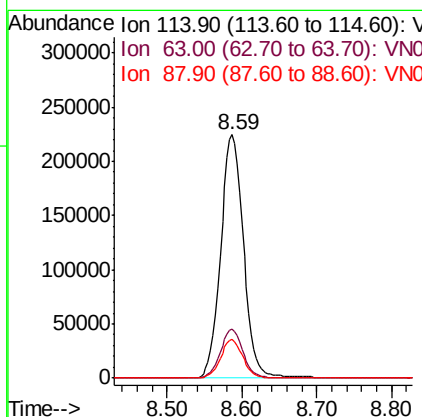
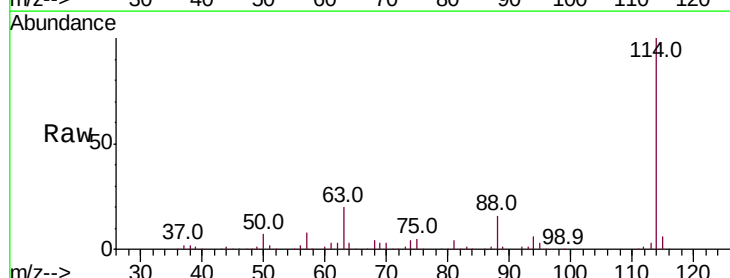
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#02

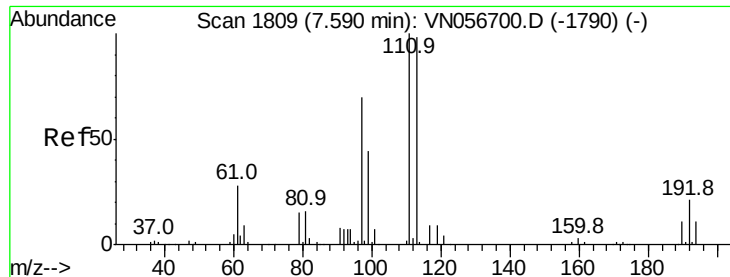
Tot Ion: 65 Resp: 157541
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056732.D
 Acq: 15 Jul 2019 23:48

Tgt Ion: 114 Resp: 476222
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.4
 88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.025 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056732.D

Acq: 15 Jul 2019 23:48

Instrument :

MSVOA_N

ClientSampleId :

PB121354ZHE#02

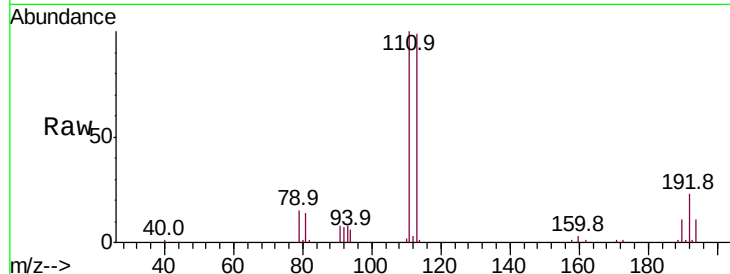
Tot Ion:113 Resp: 142327

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.6
192	22.5	17.5	26.3

113 100

111 103.2 81.8 122.6

192 22.5 17.5 26.3

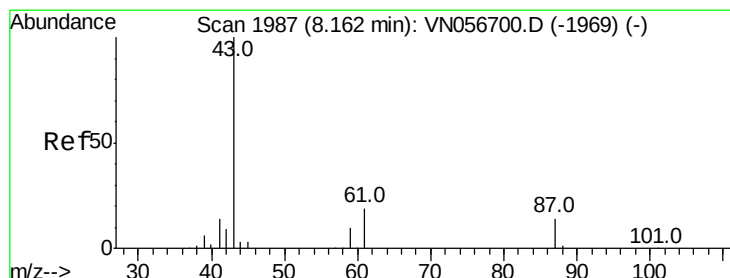
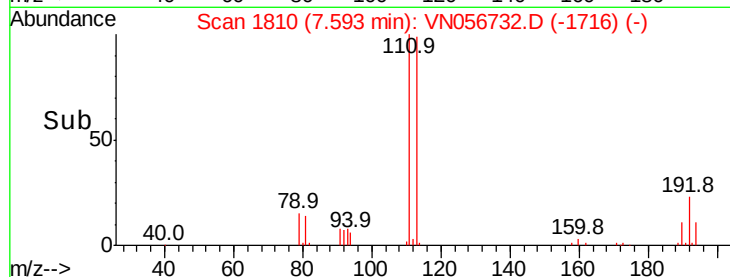
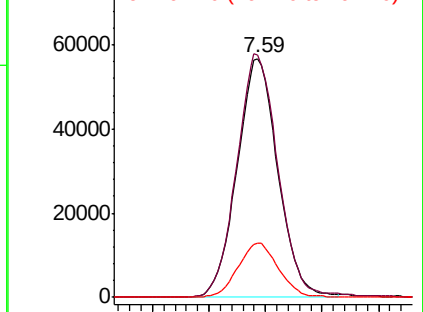


Abundance

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: 2.563 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN056732.D

Acq: 15 Jul 2019 23:48

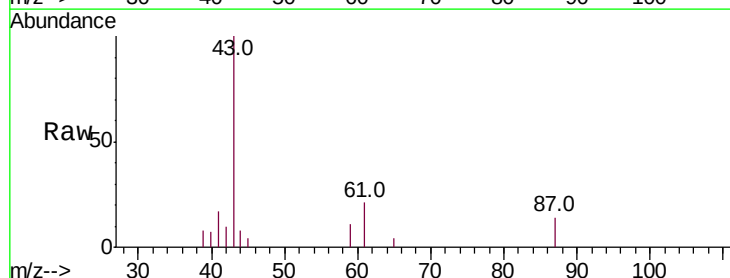
Tgt Ion: 43 Resp: 17497

Ion	Ratio	Lower	Upper
43	100		
61	22.2	22.3	33.5#
87	12.9	11.1	16.7

43 100

61 22.2 22.3 33.5#

87 12.9 11.1 16.7

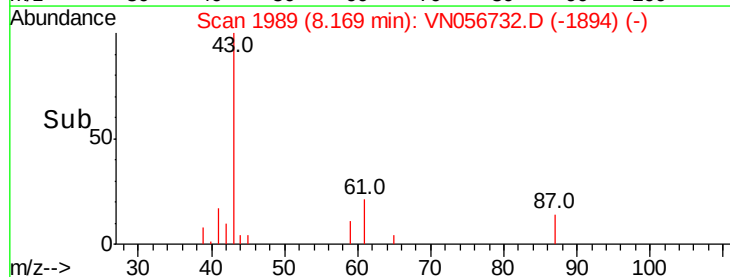
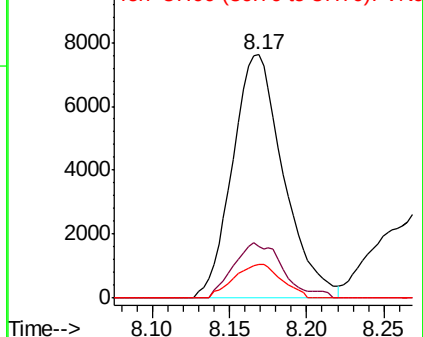


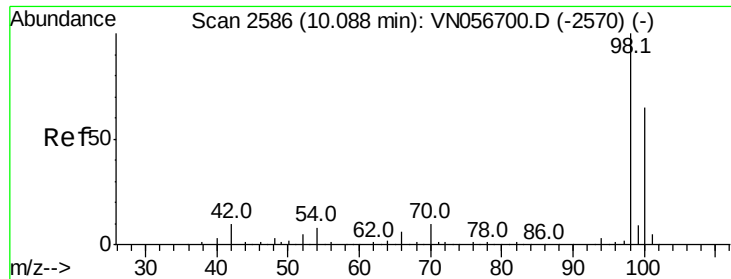
Abundance

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: 53.286 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056732.D

Acq: 15 Jul 2019 23:48

Instrument :

MSVOA_N

ClientSampleId :

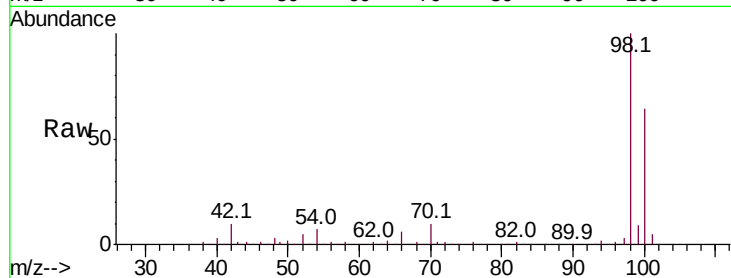
PB121354ZHE#02

Tot Ion: 98 Resp: 609925

Ion Ratio Lower Upper

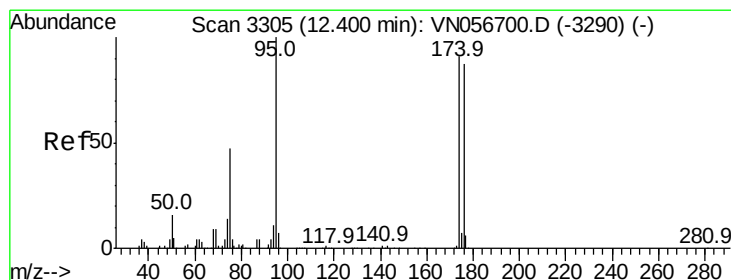
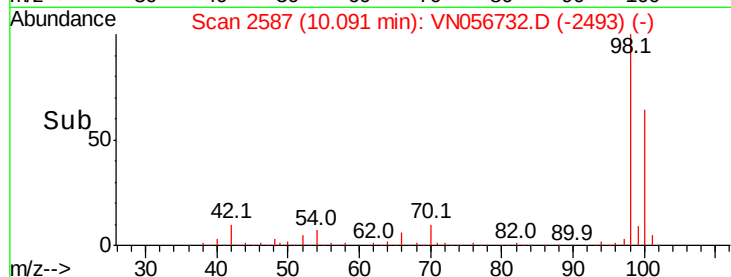
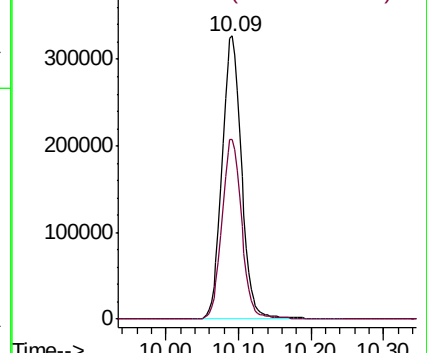
98 100

100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 58.887 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056732.D

Acq: 15 Jul 2019 23:48

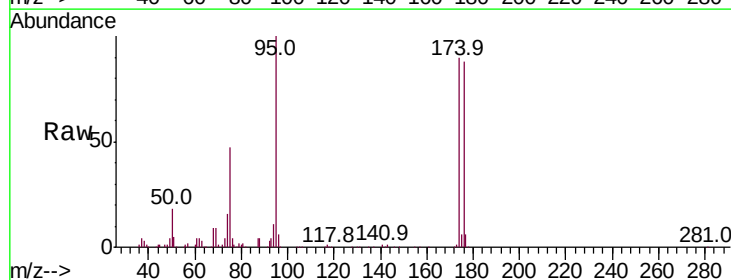
Tgt Ion: 95 Resp: 227305

Ion Ratio Lower Upper

95 100

174 90.8 0.0 180.0

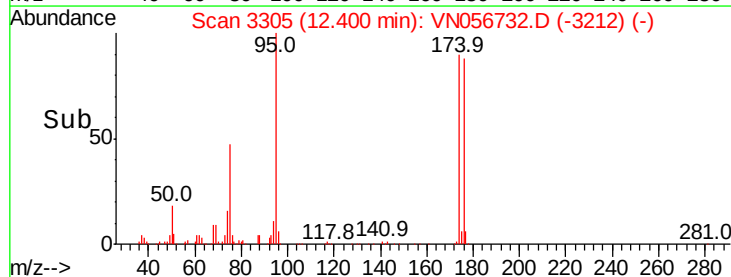
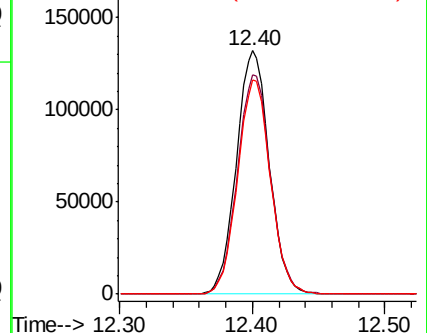
176 87.9 0.0 173.2

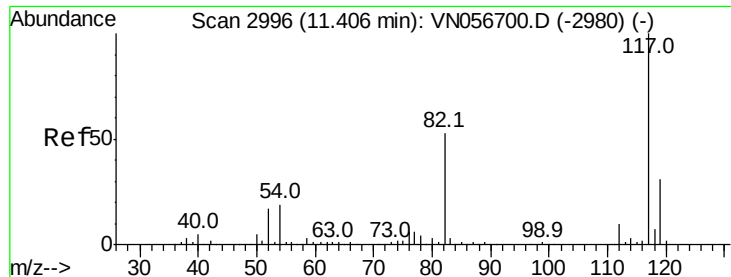


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

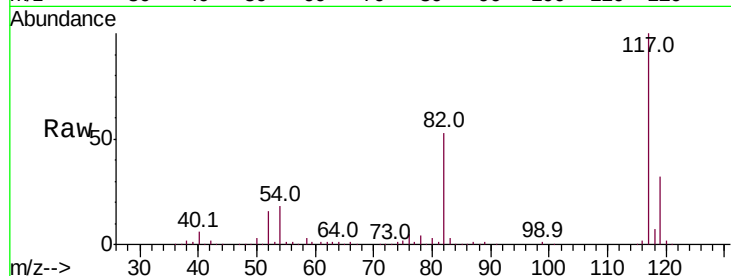




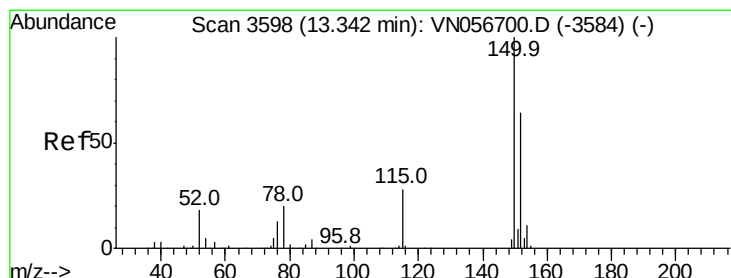
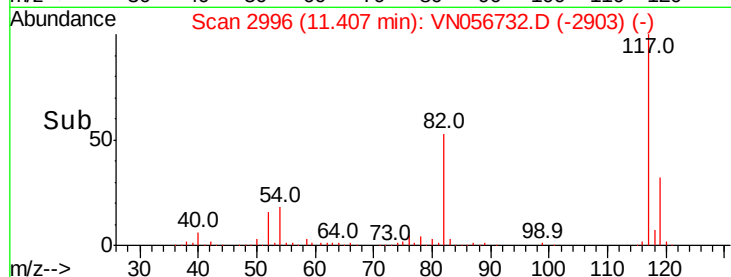
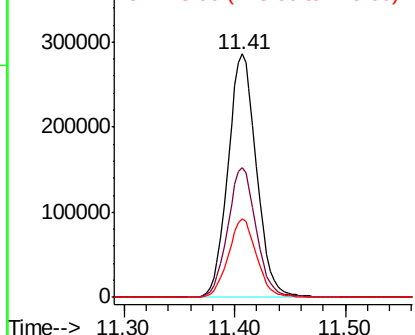
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056732.D
Acq: 15 Jul 2019 23:48

Instrument :
MSVOA_N
ClientSampleId :
PB121354ZHE#02

Tot Ion:117 Resp: 511443
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.2
119 32.0 25.2 37.8

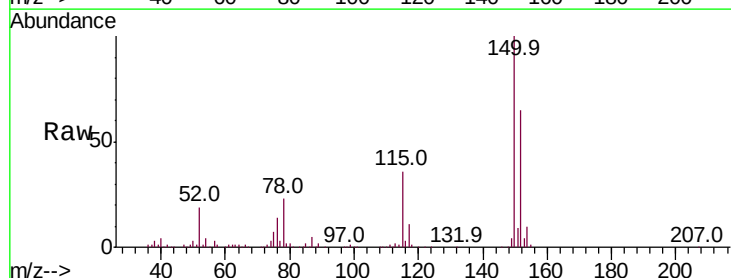


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056732.D
Acq: 15 Jul 2019 23:48

Tgt Ion:152 Resp: 207707
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 156.7 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

