

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080919\
 Data File : VN057139.D
 Acq On : 9 Aug 2019 12:11
 Operator : JC/SP
 Sample : K4262-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB_080819

Quant Time: Aug 10 07:26:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

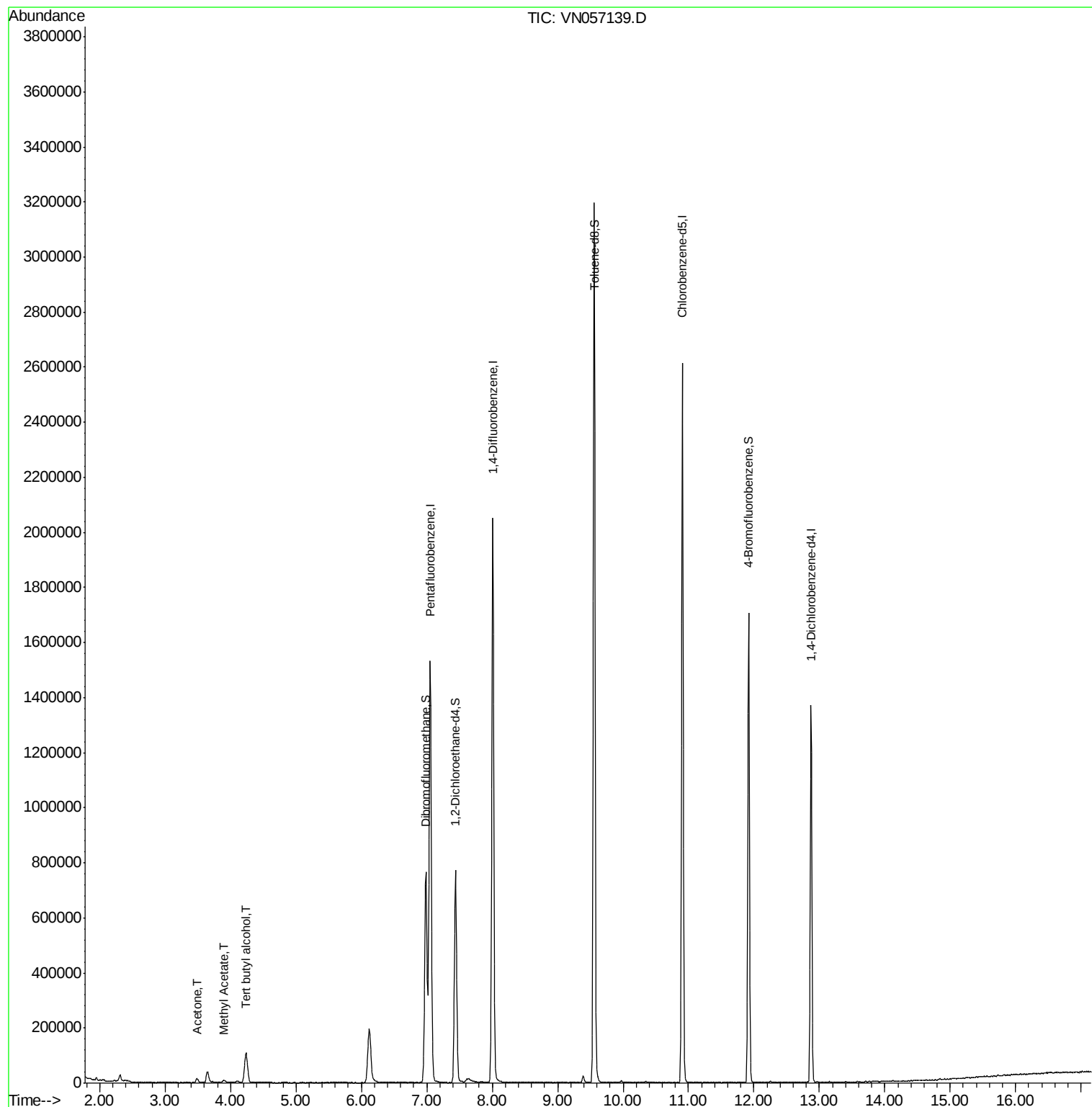
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1469233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	2055602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1687614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	404714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	674770	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
35) Dibromofluoromethane	6.99	113	623586	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	9.56	98	2363292	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.92	95	613594	38.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.18%	
Target Compounds						
11) Tert butyl alcohol	4.24	59	91489	42.549	ug/l #	75
16) Acetone	3.49	43	18581	4.072	ug/l	93
18) Methyl Acetate	3.90	43	16167	0.539	ug/l #	72

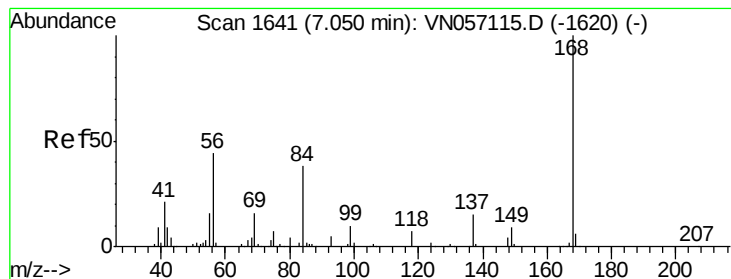
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057139.D

Acq: 9 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

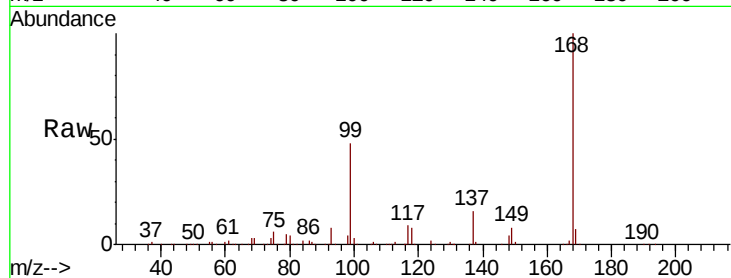
FB_080819

Tot Ion:168 Resp: 1469233

Ion Ratio Lower Upper

168 100

99 47.9 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.05

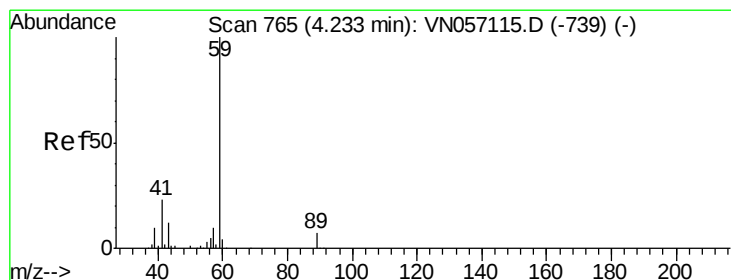
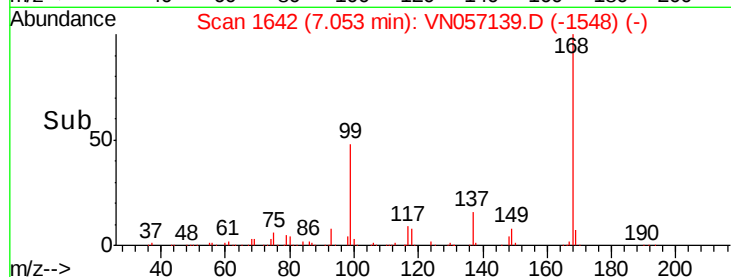
600000

400000

200000

0

Time--> 6.90 7.00 7.10 7.20



#11

Tert butyl alcohol

Concen: 42.549 ug/l

RT: 4.24 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN057139.D

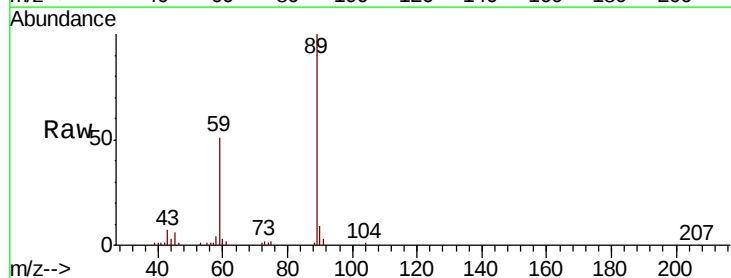
Acq: 9 Aug 2019 12:11

Tgt Ion: 59 Resp: 91489

Ion Ratio Lower Upper

59 100

57 0.7 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.24

30000

25000

20000

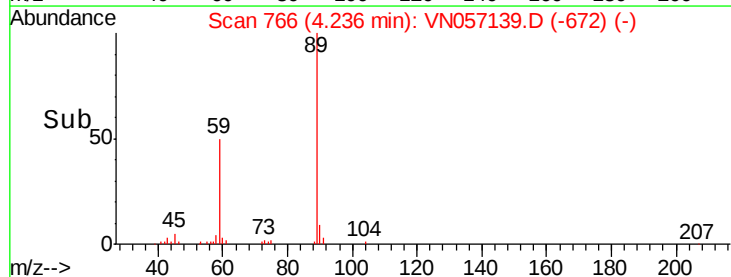
15000

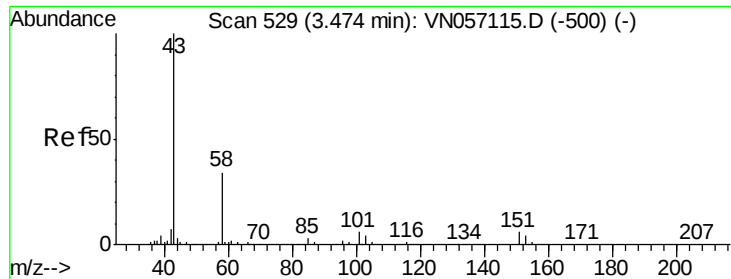
10000

5000

0

Time--> 4.10 4.20 4.30





#16

Acetone

Concen: 4.072 ug/l

RT: 3.49 min Scan# 533

Delta R.T. 0.01 min

Lab File: VN057139.D

Acq: 9 Aug 2019 12:11

Instrument :

MSVOA_N

ClientSampled :

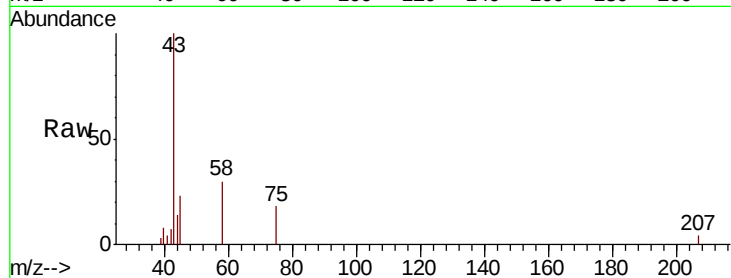
FB_080819

Tot Ion: 43 Resp: 18581

Ion Ratio Lower Upper

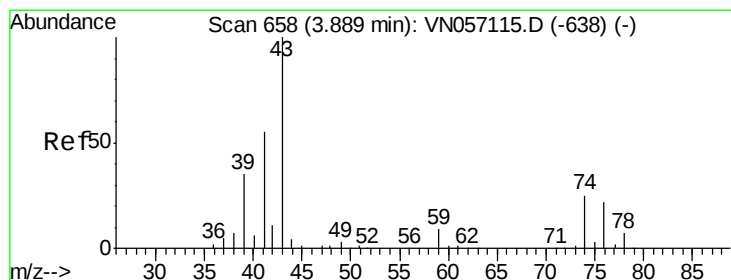
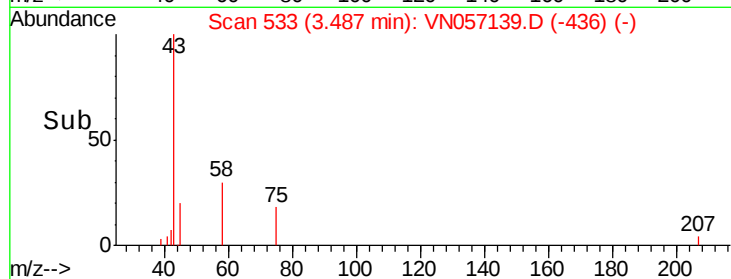
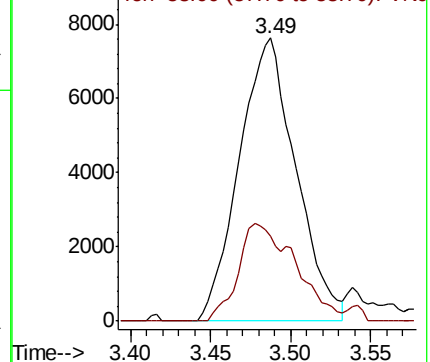
43 100

58 30.2 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.539 ug/l

RT: 3.90 min Scan# 661

Delta R.T. 0.01 min

Lab File: VN057139.D

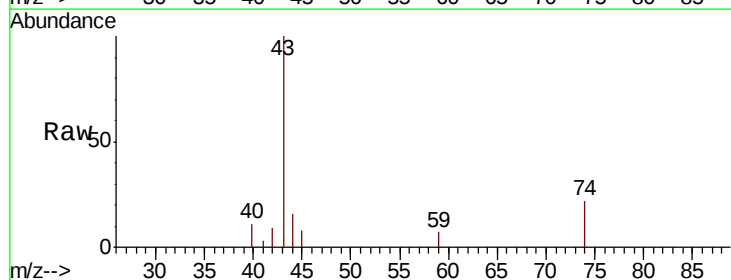
Acq: 9 Aug 2019 12:11

Tgt Ion: 43 Resp: 16167

Ion Ratio Lower Upper

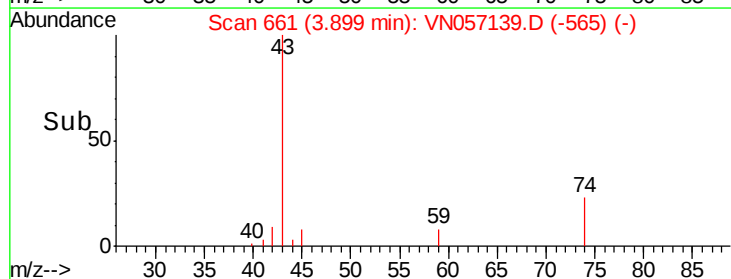
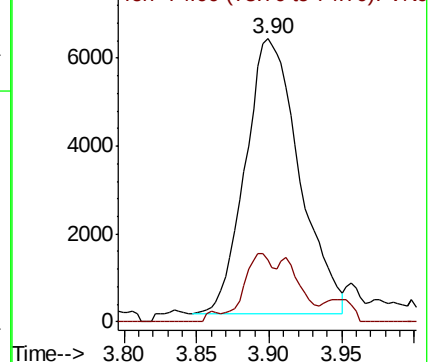
43 100

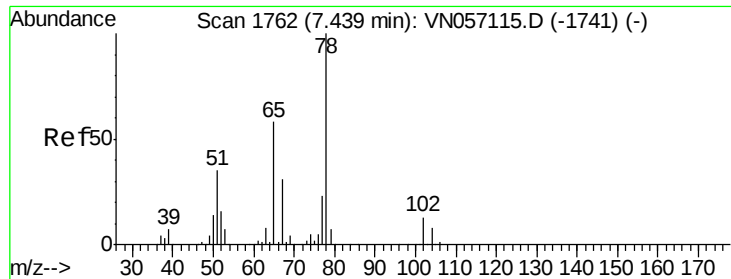
74 11.4 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

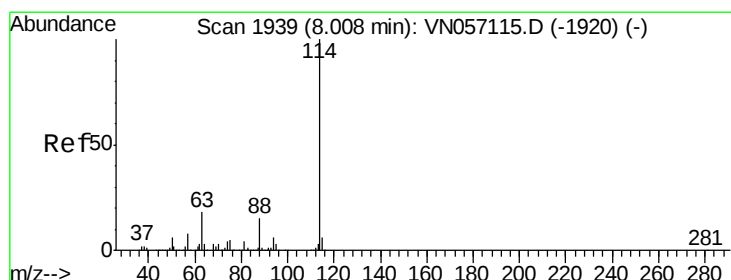
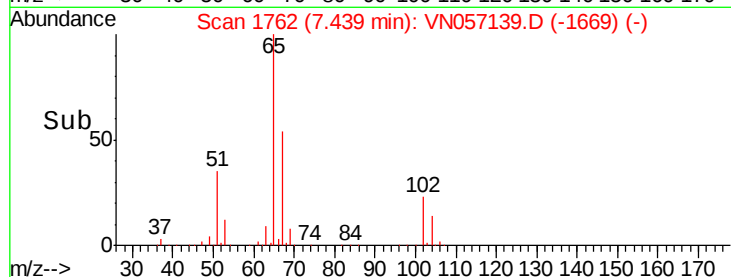
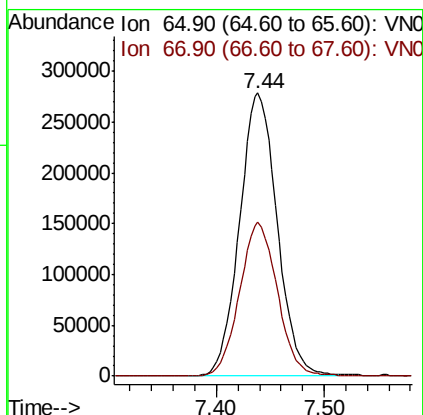
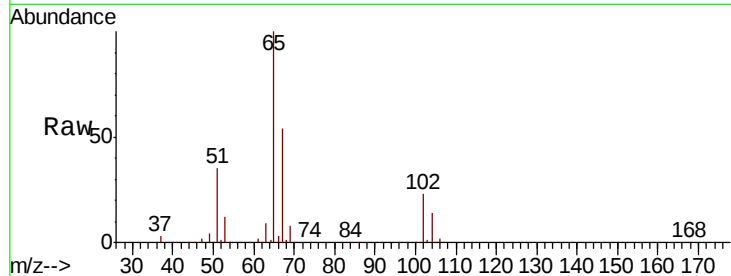




#33
 1,2-Dichloroethane-d4
 Concen: 44.657 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057139.D
 Acq: 9 Aug 2019 12:11

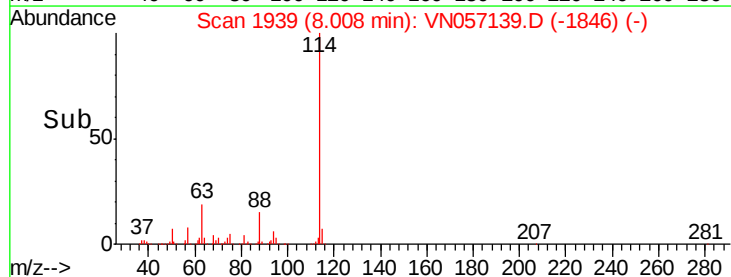
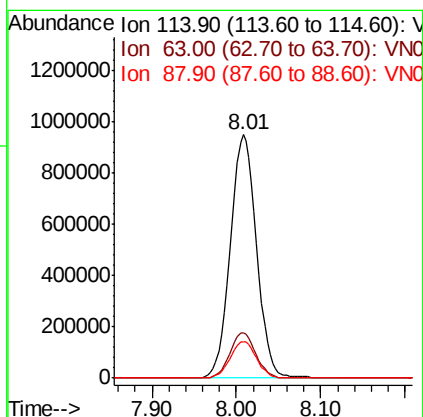
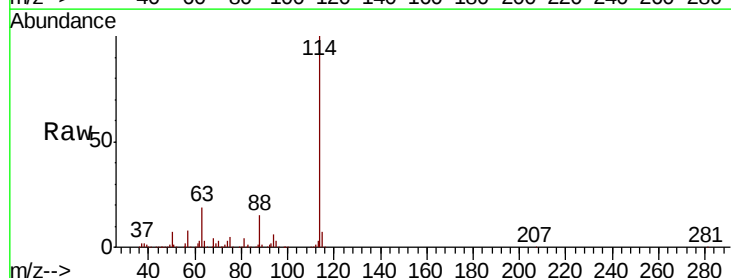
Instrument :
 MSVOA_N
 ClientSampleId :
 FB_080819

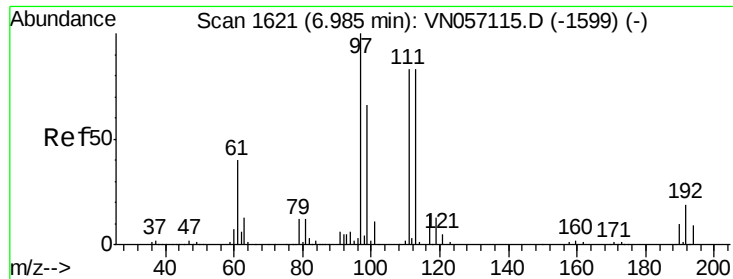
Tot Ion: 65 Resp: 674770
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057139.D
 Acq: 9 Aug 2019 12:11

Tgt Ion: 114 Resp: 2055602
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.2
 88 15.1 0.0 30.0

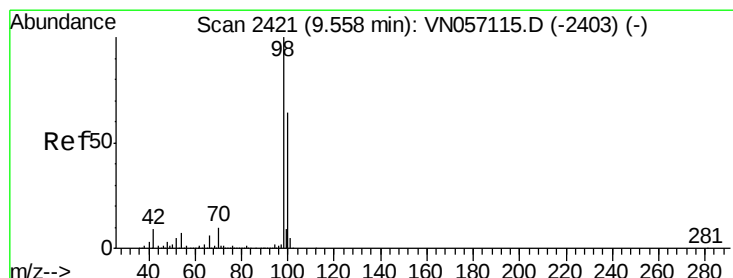
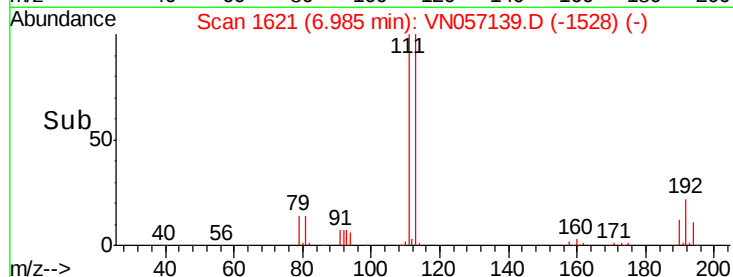
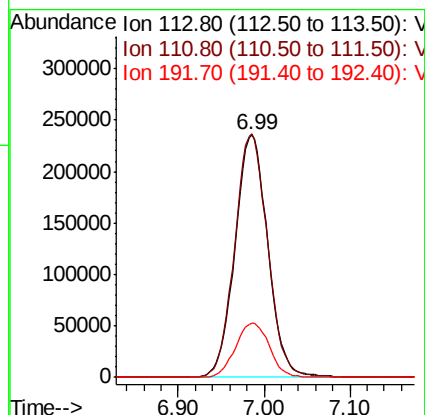
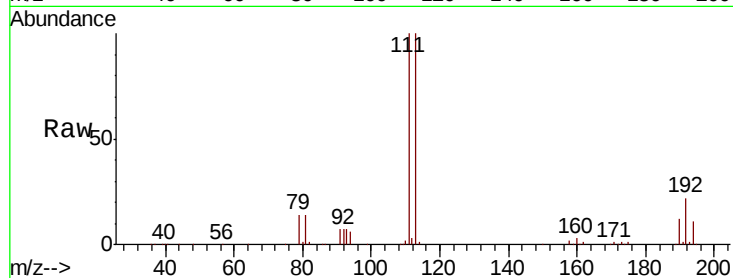




#35
Dibromofluoromethane
Concen: 48.343 ug/l
RT: 6.99 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VN057139.D
Acq: 9 Aug 2019 12:11

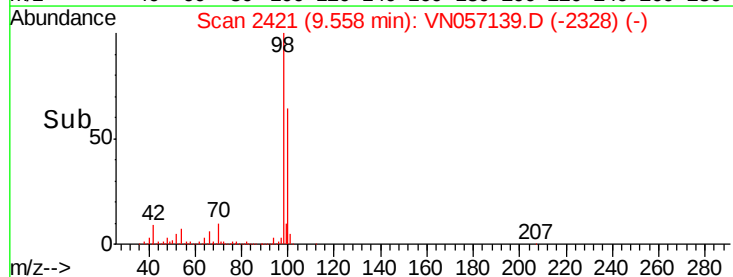
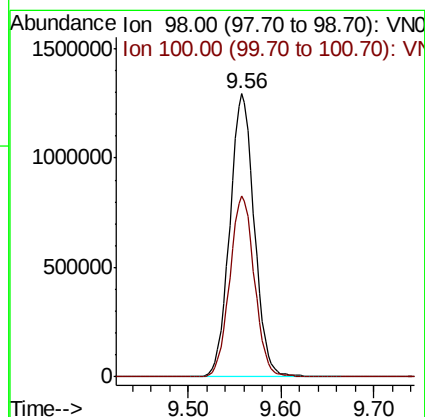
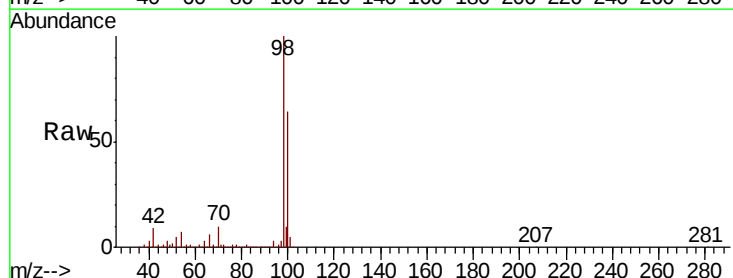
Instrument :
MSVOA_N
ClientSampleId :
FB_080819

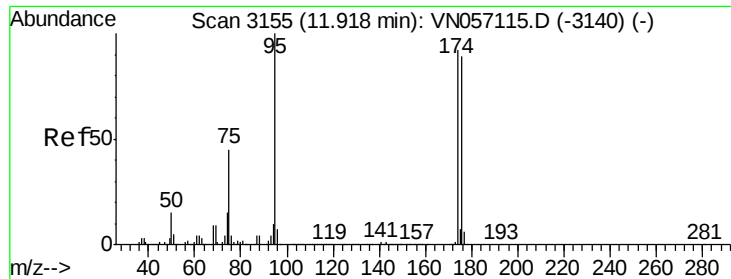
Tot Ion:113 Resp: 623586
Ion Ratio Lower Upper
113 100
111 100.9 81.3 121.9
192 23.0 19.0 28.4



#50
Toluene-d8
Concen: 47.888 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057139.D
Acq: 9 Aug 2019 12:11

Tgt Ion: 98 Resp: 2363292
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8

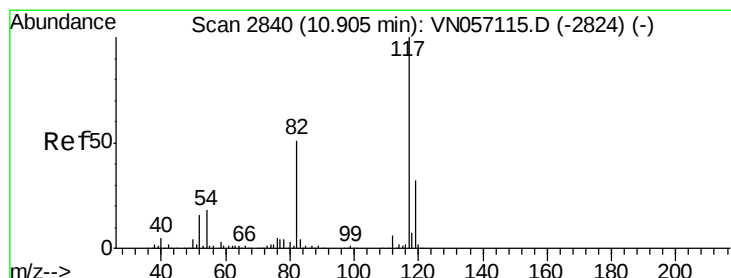
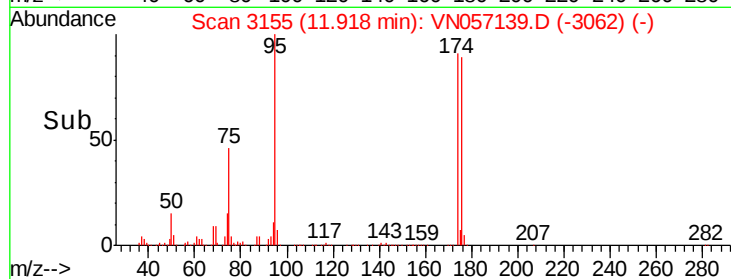
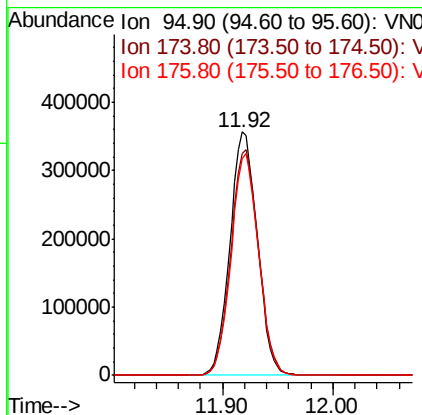
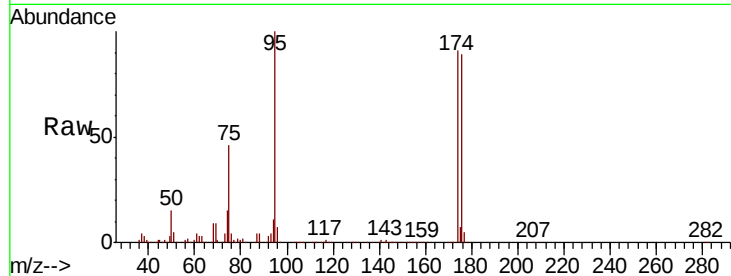




#62
4-Bromofluorobenzene
Concen: 38.588 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. -0.00 min
Lab File: VN057139.D
Acq: 9 Aug 2019 12:11

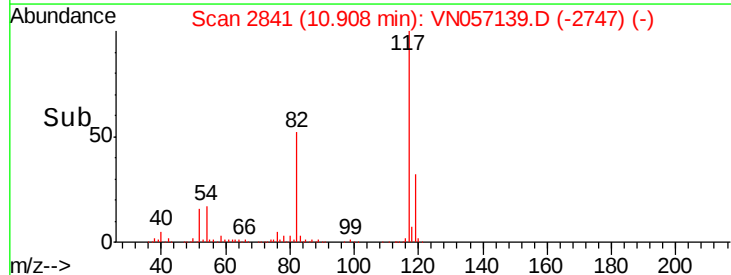
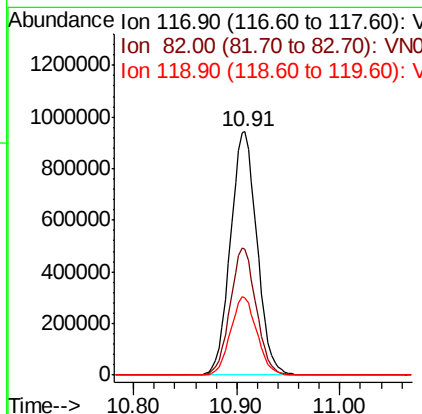
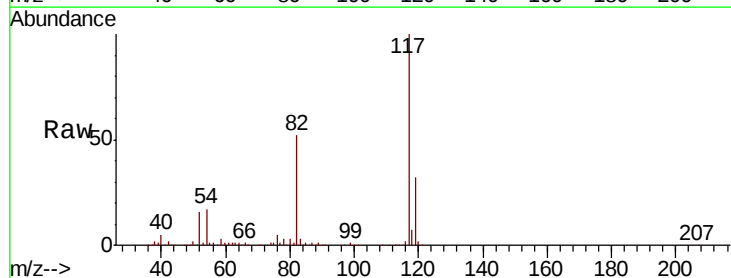
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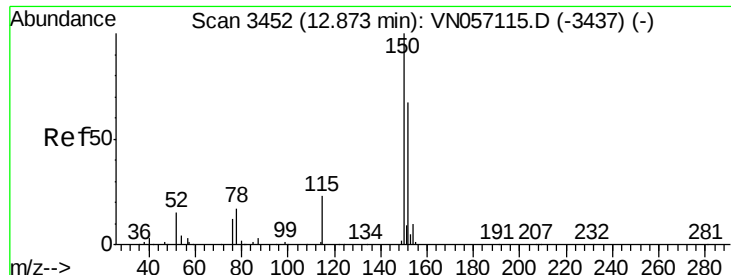
Tot Ion: 95 Resp: 613594
Ion Ratio Lower Upper
95 100
174 94.0 0.0 185.0
176 90.9 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057139.D
Acq: 9 Aug 2019 12:11

Tgt Ion: 117 Resp: 1687614
Ion Ratio Lower Upper
117 100
82 51.6 40.8 61.2
119 31.9 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.87 min Scan# 3452
 Delta R.T. -0.00 min
 Lab File: VN057139.D
 Acq: 9 Aug 2019 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 FB_080819

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.5	82.5
150	156.4	0.0	341.6

