

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080819\
 Data File : VN057127.D
 Acq On : 8 Aug 2019 13:09
 Operator : JC/SP
 Sample : K4092-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-080719-B

Quant Time: Aug 09 03:42:21 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

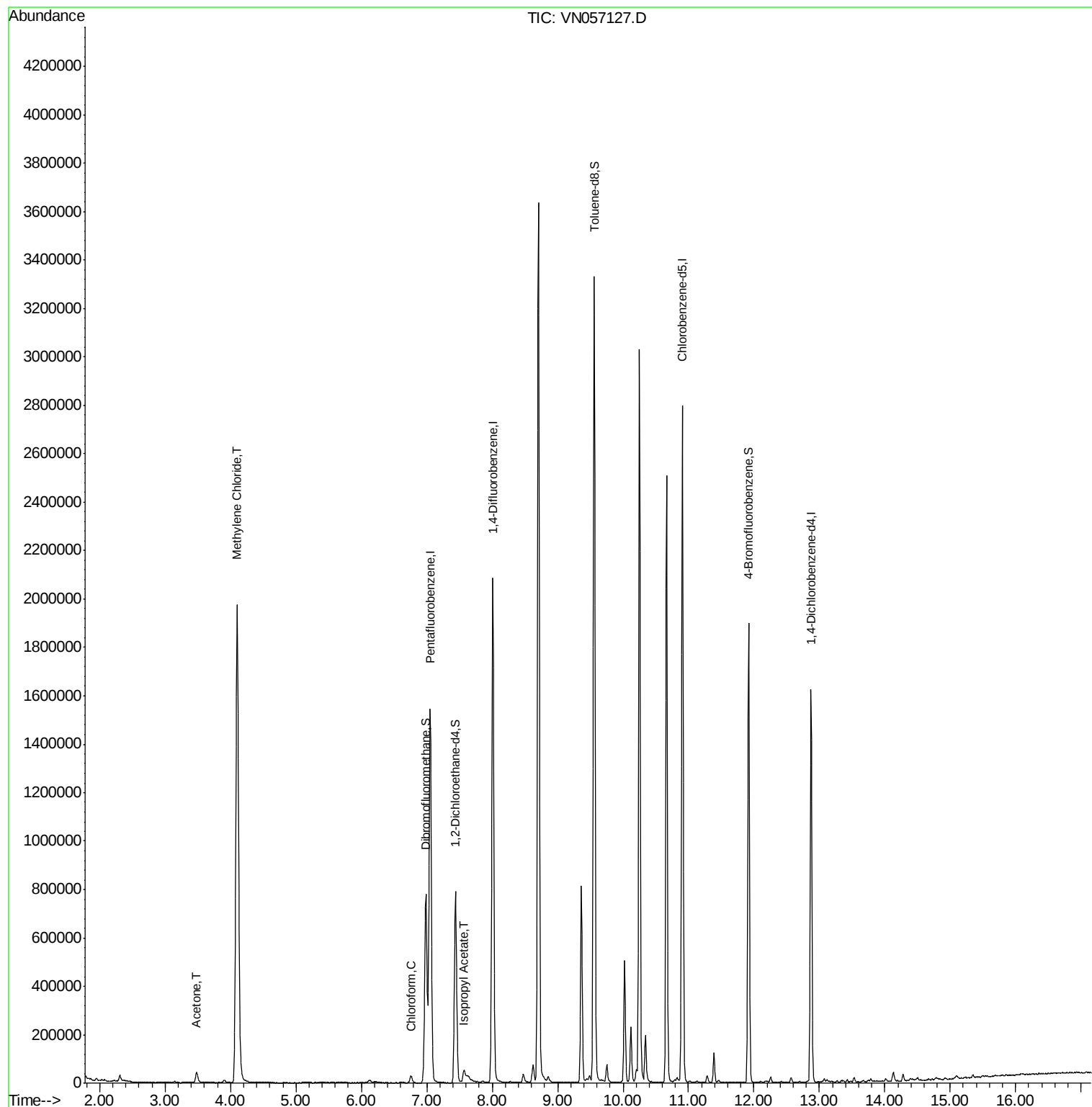
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1488168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	2115230	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1772569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	470818	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	697237	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
35) Dibromofluoromethane	6.99	113	634702	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
50) Toluene-d8	9.56	98	2451817	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	11.92	95	669012	40.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.78%	
Target Compounds						
16) Acetone	3.48	43	66866	14.467	ug/l	92
20) Methylene Chloride	4.10	84	1506699	98.773	ug/l	98
30) Chloroform	6.75	83	32385	1.268	ug/l	95
43) Isopropyl Acetate	7.57	43	70438	2.875	ug/l #	84

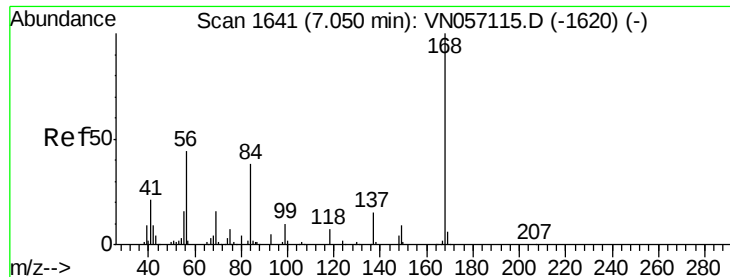
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057127.D

Acq: 8 Aug 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

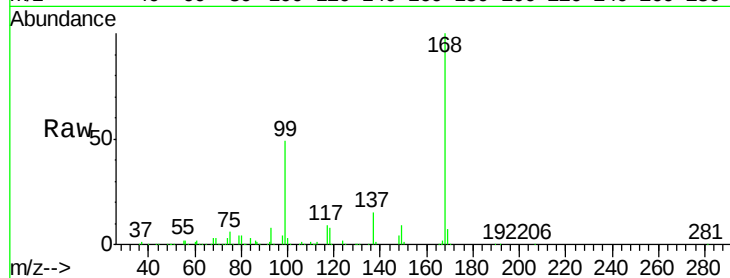
EO-01-080719-B

Tot Ion:168 Resp: 1488168

Ion Ratio Lower Upper

168 100

99 48.9 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

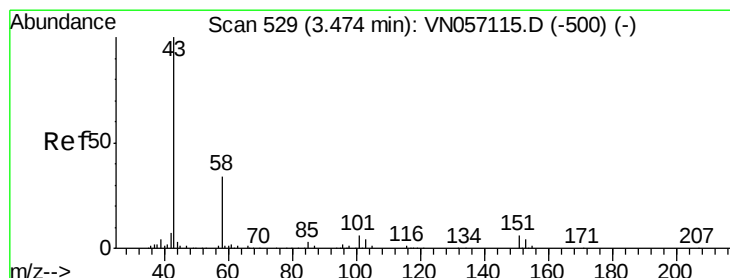
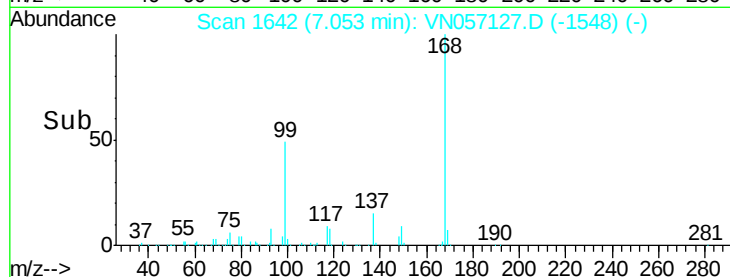
600000

400000

200000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 14.467 ug/l

RT: 3.48 min Scan# 530

Delta R.T. 0.00 min

Lab File: VN057127.D

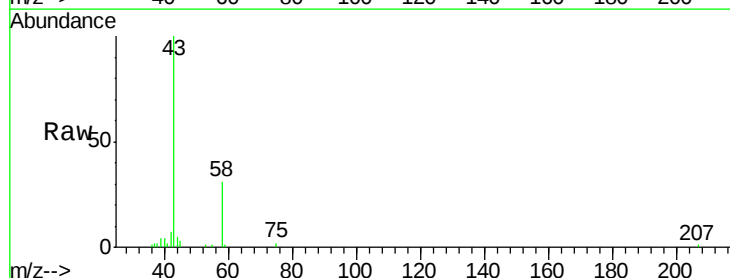
Acq: 8 Aug 2019 13:09

Tgt Ion: 43 Resp: 66866

Ion Ratio Lower Upper

43 100

58 29.8 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.48

30000

25000

20000

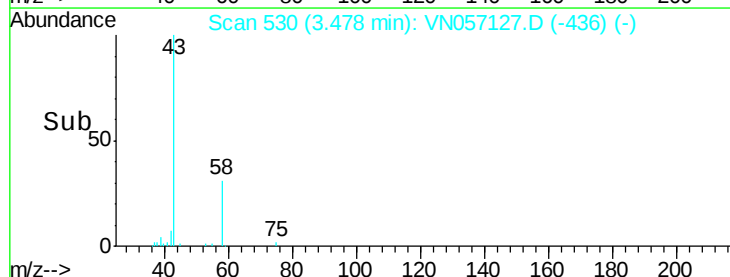
15000

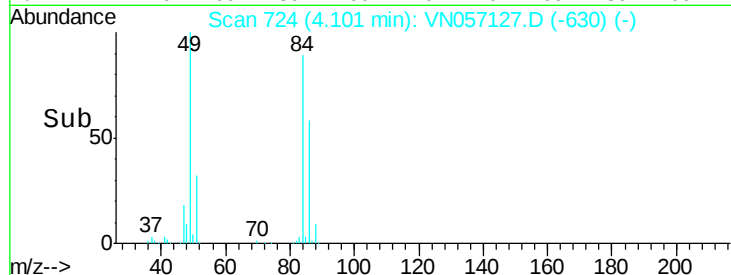
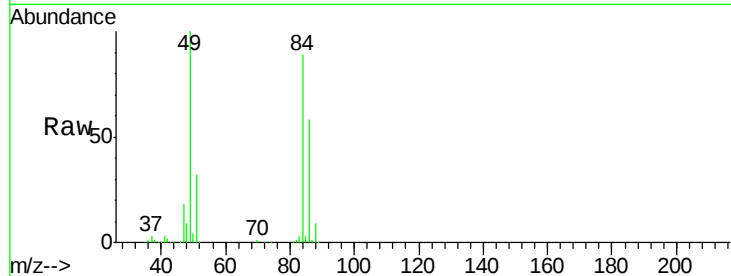
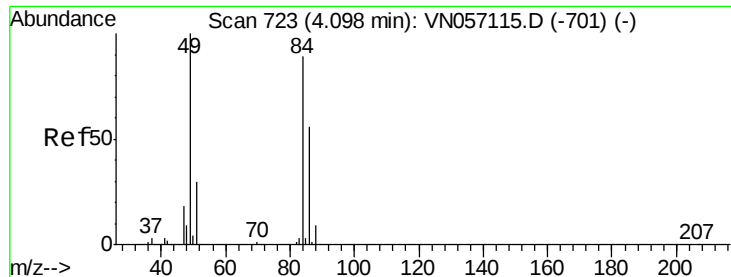
10000

5000

0

Time--> 3.40 3.50 3.60



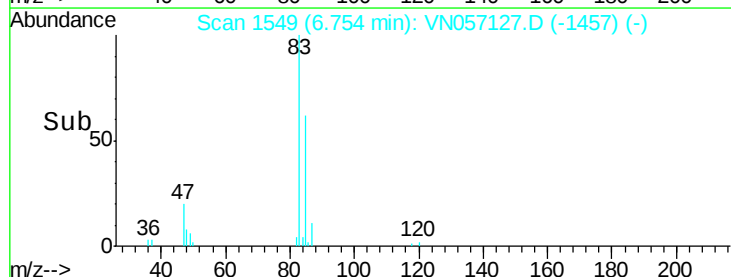
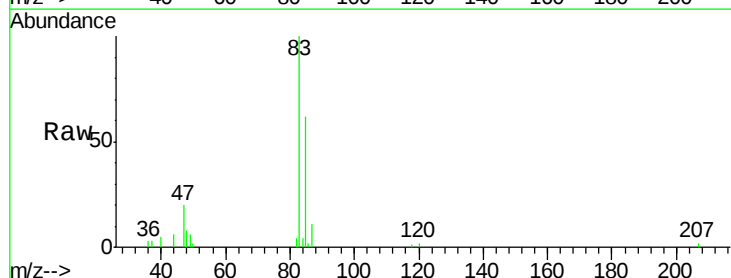
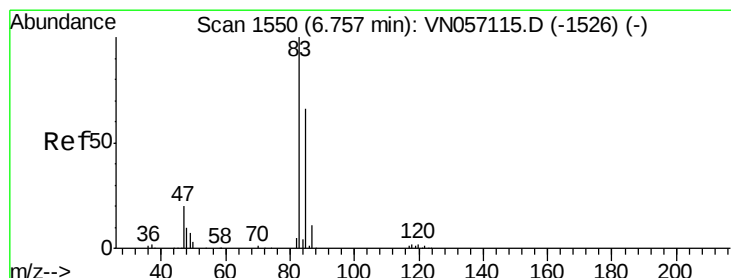
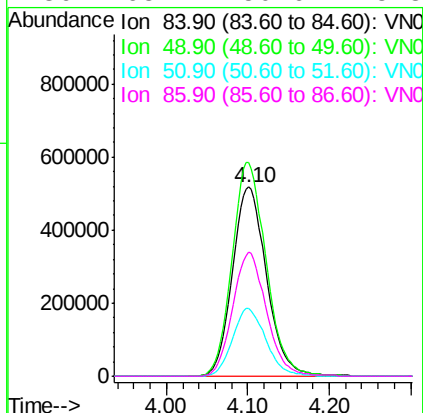


#20
Methvlene Chloride
Concen: 98.773 ug/l
RT: 4.10 min Scan# 724
Delta R.T. 0.00 min
Lab File: VN057127.D
Acq: 8 Aug 2019 13:09

Instrument :
MSVOA_N
ClientSampleId :
EO-01-080719-B

Tot Ion: 84 Resp: 1506699

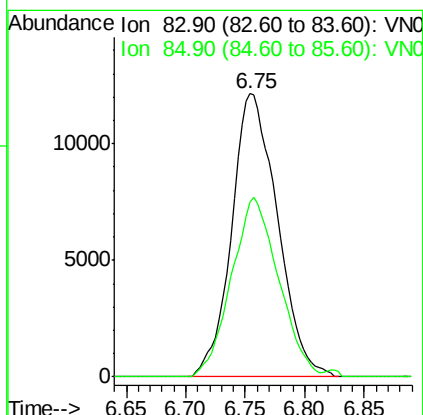
Ion	Ratio	Lower	Upper
84	100		
49	112.7	89.5	134.3
51	35.8	27.2	40.8
86	65.4	50.6	75.8

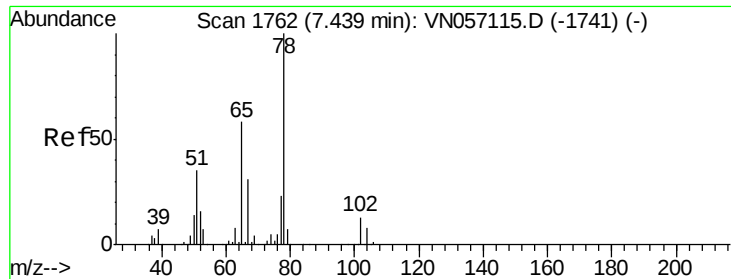


#30
Chloroform
Concen: 1.268 ug/l
RT: 6.75 min Scan# 1549
Delta R.T. -0.00 min
Lab File: VN057127.D
Acq: 8 Aug 2019 13:09

Tgt Ion: 83 Resp: 32385

Ion	Ratio	Lower	Upper
83	100		
85	61.8	52.6	78.8

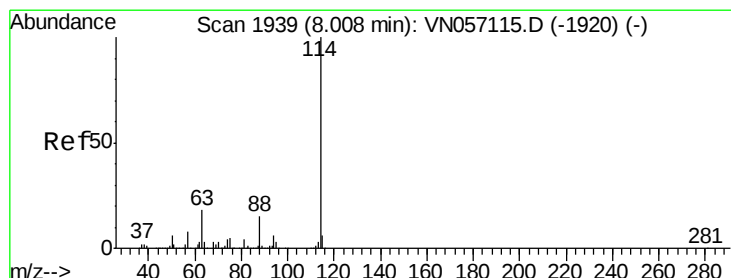
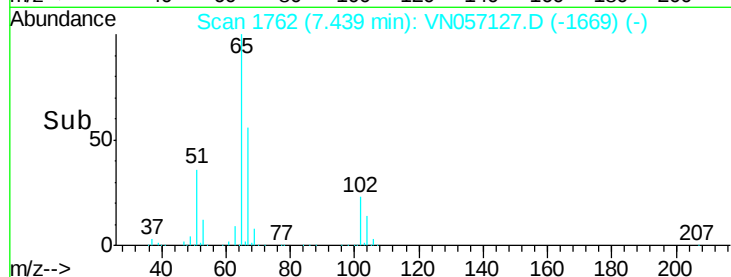
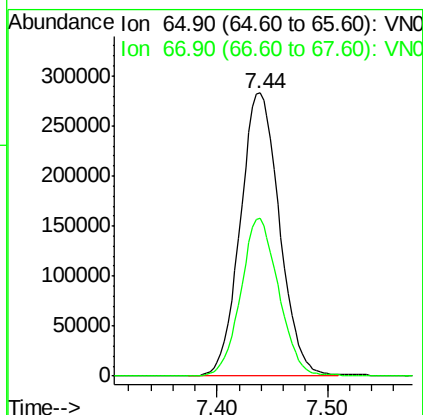
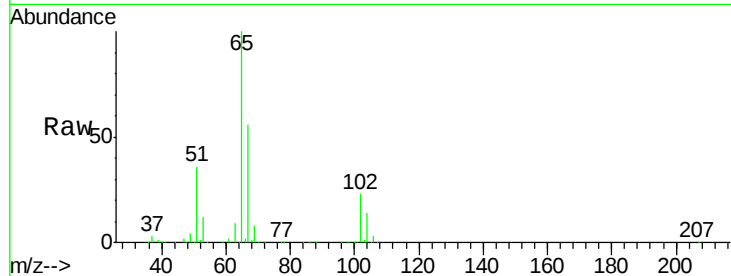




#33
 1,2-Dichloroethane-d4
 Concen: 45.557 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057127.D
 Acq: 8 Aug 2019 13:09

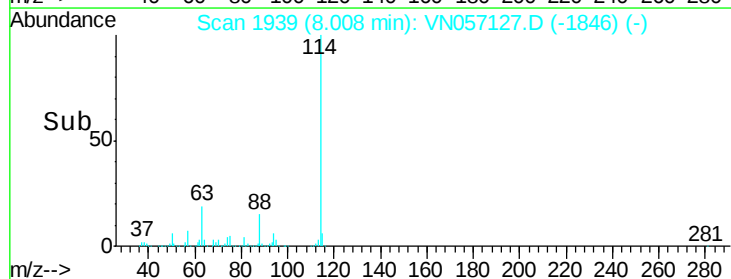
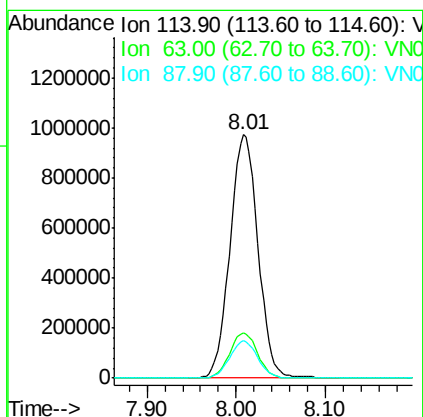
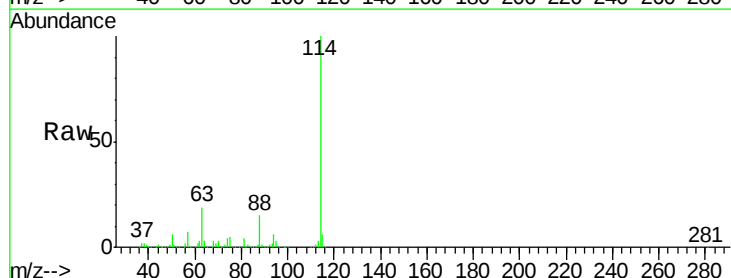
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-080719-B

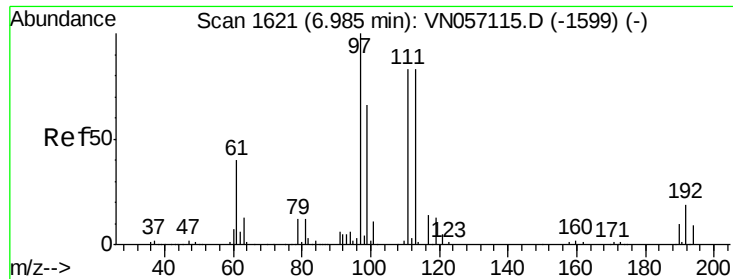
Tot Ion: 65 Resp: 697237
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057127.D
 Acq: 8 Aug 2019 13:09

Tgt Ion: 114 Resp: 2115230
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.2
 88 15.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.818 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VN057127.D

Acq: 8 Aug 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-B

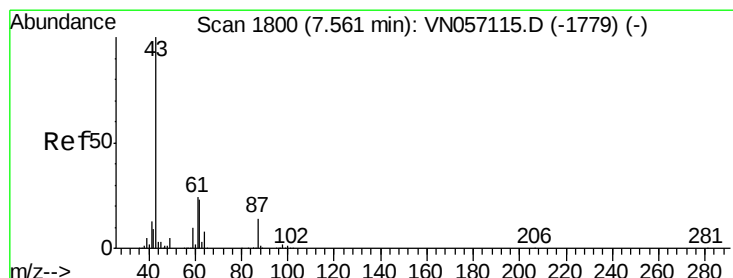
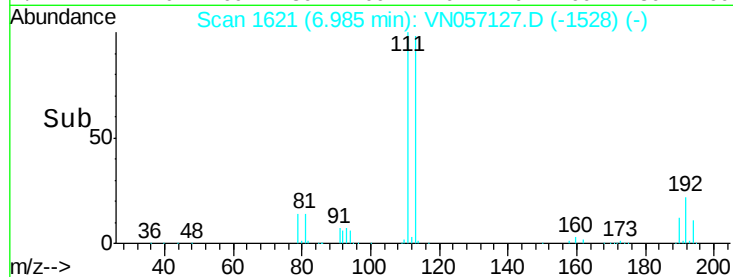
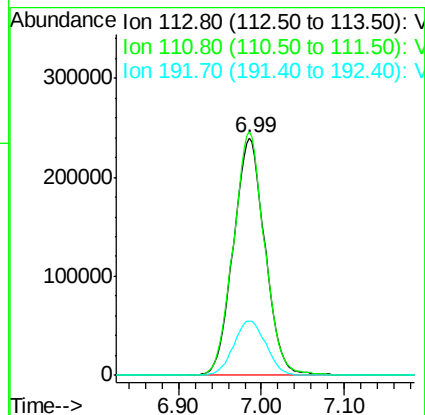
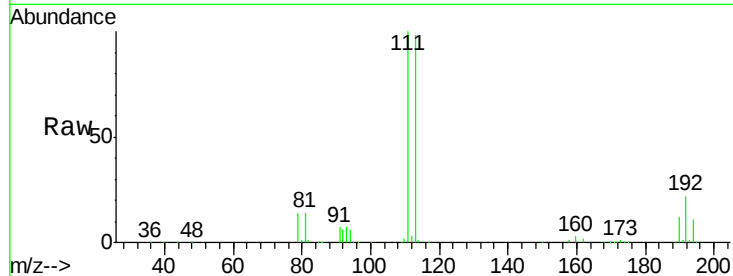
Tot Ion:113 Resp: 634702

Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

192 23.5 19.0 28.4



#43

Isopropyl Acetate

Concen: 2.875 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.01 min

Lab File: VN057127.D

Acq: 8 Aug 2019 13:09

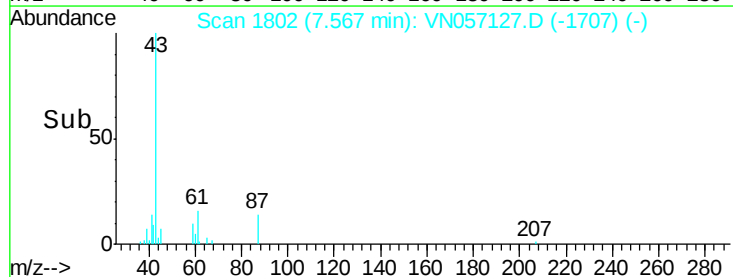
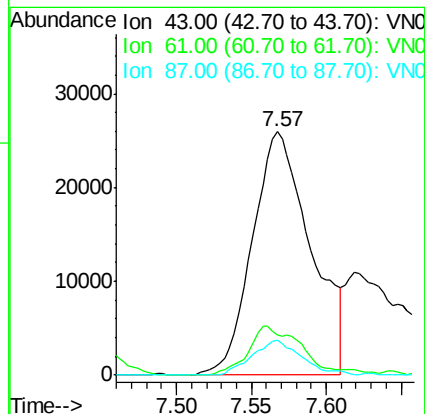
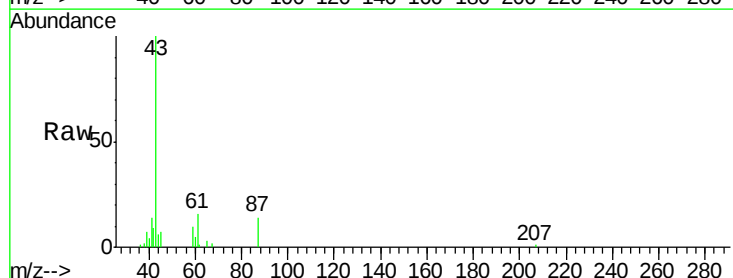
Tgt Ion: 43 Resp: 70438

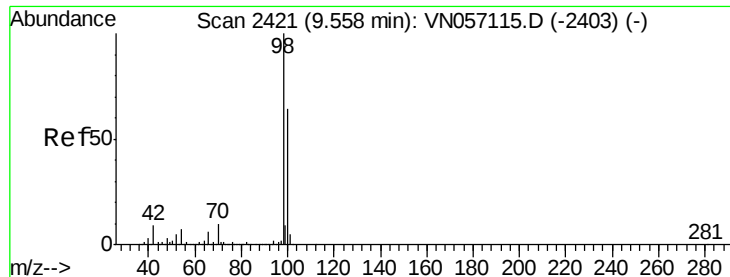
Ion Ratio Lower Upper

43 100

61 18.7 24.2 36.2#

87 12.2 11.8 17.8

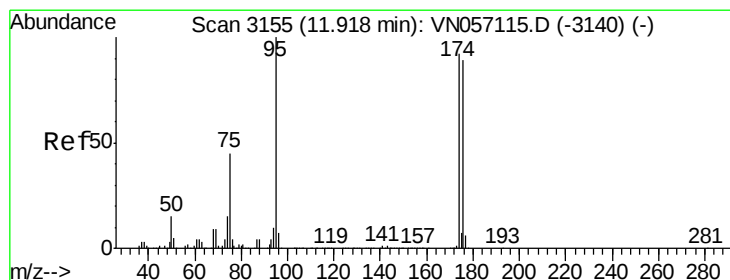
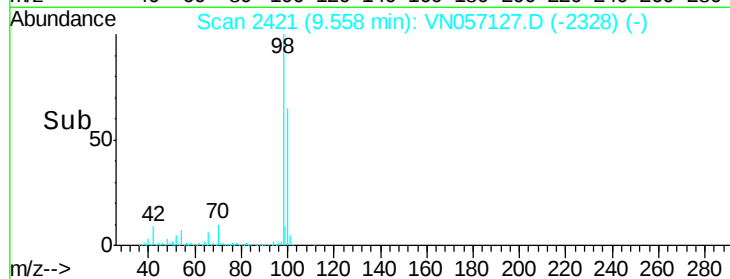
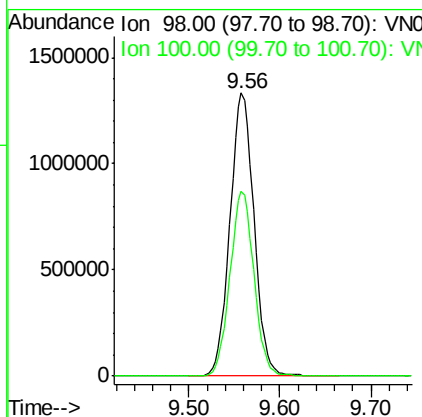
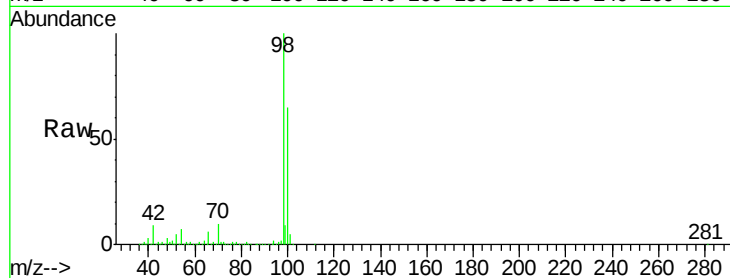




#50
Toluene-d8
Concen: 48.282 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057127.D
Acq: 8 Aug 2019 13:09

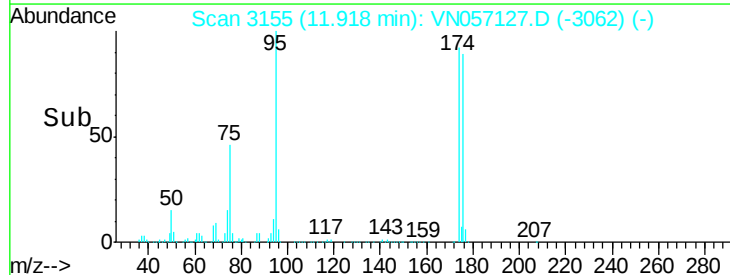
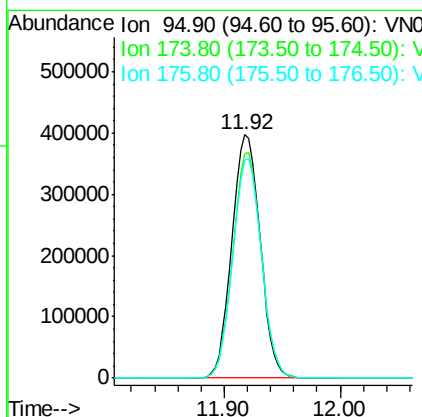
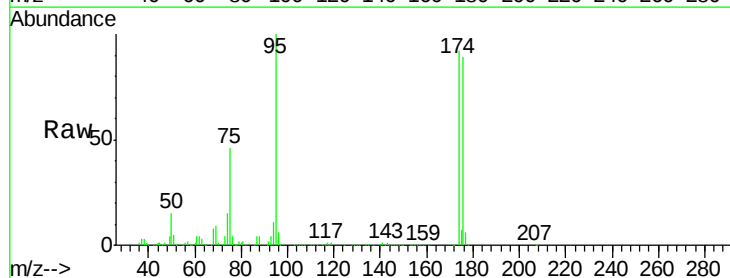
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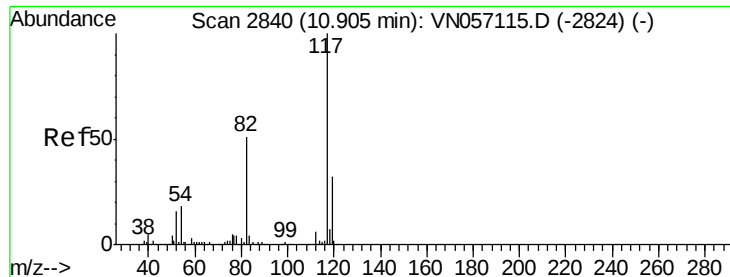
Tot Ion: 98 Resp: 2451817
Ion Ratio Lower Upper
98 100
100 65.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 40.887 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. -0.00 min
Lab File: VN057127.D
Acq: 8 Aug 2019 13:09

Tgt Ion: 95 Resp: 669012
Ion Ratio Lower Upper
95 100
174 93.1 0.0 185.0
176 91.0 0.0 181.2

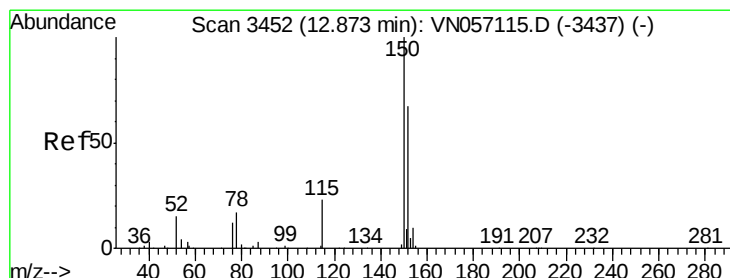
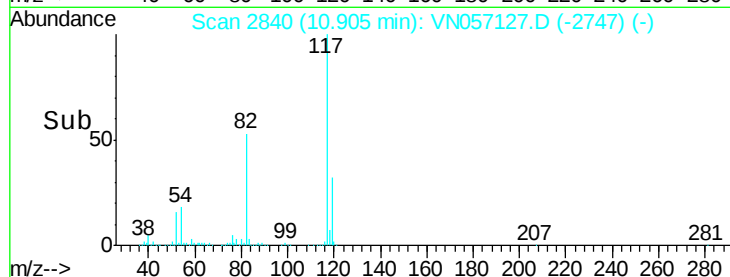
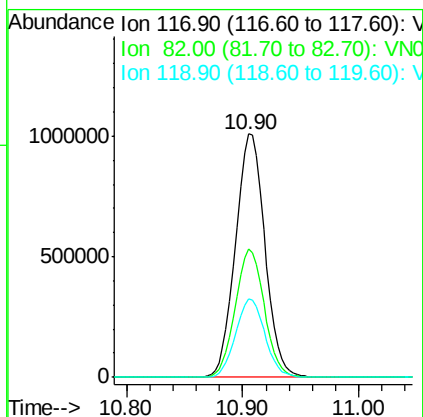
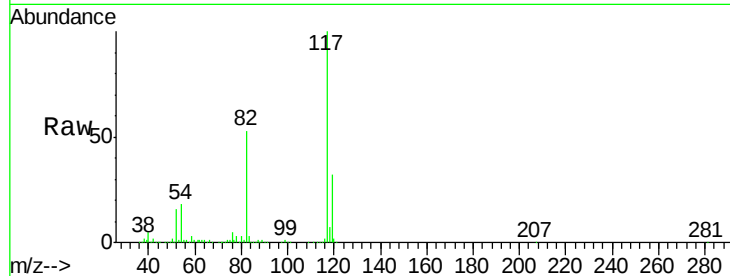




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN057127.D
Acq: 8 Aug 2019 13:09

Instrument :
MSVOA_N
ClientSampled :
EO-01-080719-B

Tot Ion:117 Resp: 1772569
Ion Ratio Lower Upper
117 100
82 52.5 40.8 61.2
119 32.1 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: VN057127.D
Acq: 8 Aug 2019 13:09

Tgt Ion:152 Resp: 470818
Ion Ratio Lower Upper
152 100
115 56.9 27.5 82.5
150 158.3 0.0 341.6

