

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080819\
 Data File : VN057126.D
 Acq On : 8 Aug 2019 12:45
 Operator : JC/SP
 Sample : K4092-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 09 03:40:19 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

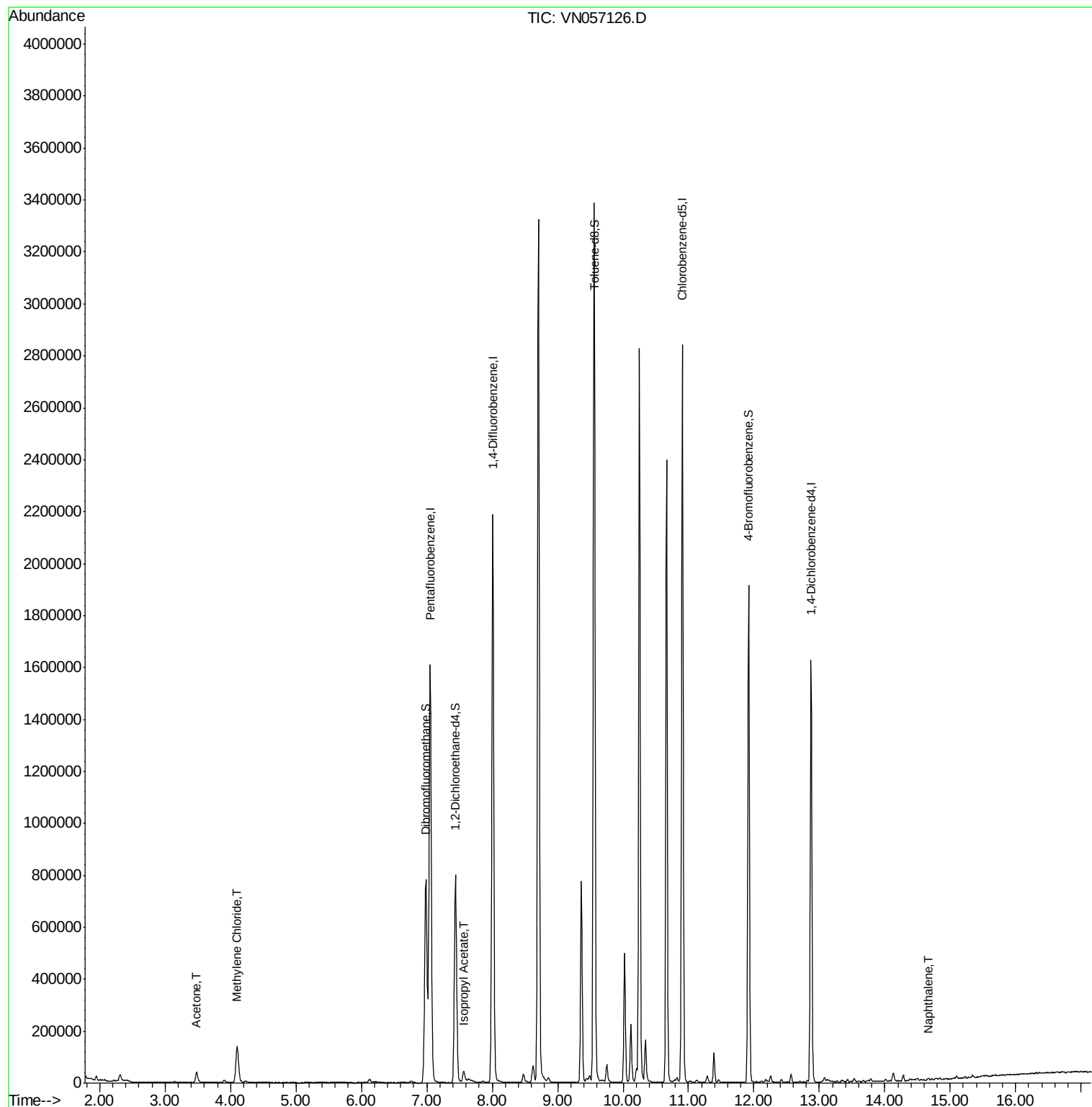
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1535252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	2151327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1812014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	478129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	713929	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
35) Dibromofluoromethane	6.99	113	643647	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
50) Toluene-d8	9.56	98	2516183	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.92	95	676047	40.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.24%	
Target Compounds						
16) Acetone	3.48	43	59901	12.562	ug/l	99
20) Methylene Chloride	4.10	84	107179	6.811	ug/l	94
43) Isopropyl Acetate	7.56	43	54875	2.202	ug/l #	90
95) Naphthalene	14.66	128	7674	3.425	ug/l #	94

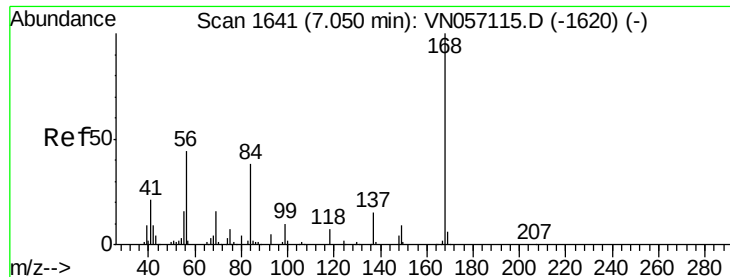
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

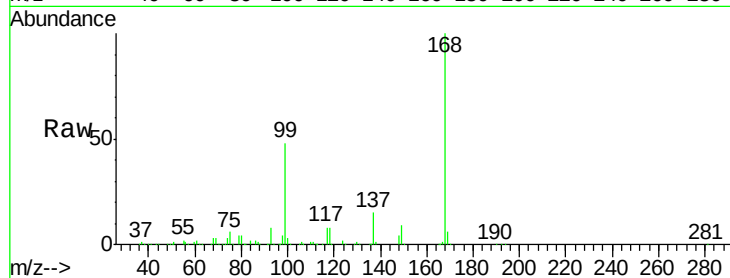
EO-01-080719-C

Tot Ion:168 Resp: 1535252

Ion Ratio Lower Upper

168 100

99 48.1 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

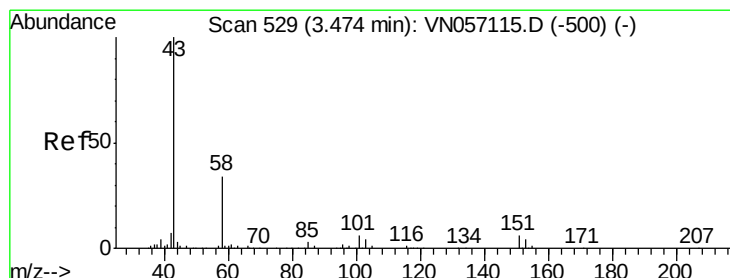
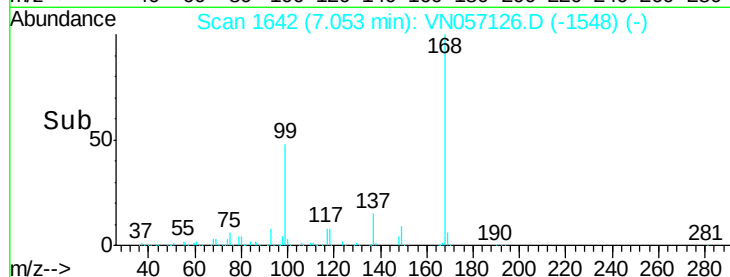
600000

400000

200000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 12.562 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057126.D

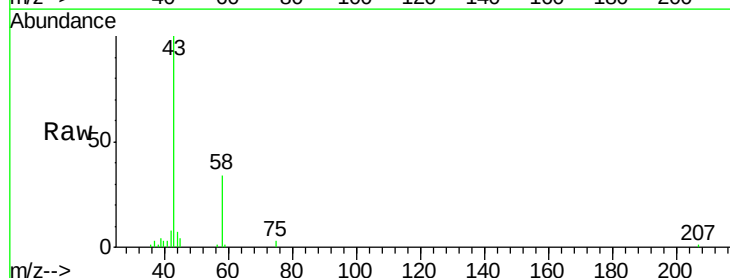
Acq: 8 Aug 2019 12:45

Tgt Ion: 43 Resp: 59901

Ion Ratio Lower Upper

43 100

58 33.6 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

25000

20000

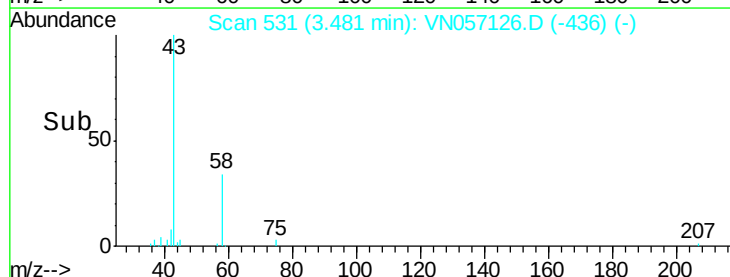
15000

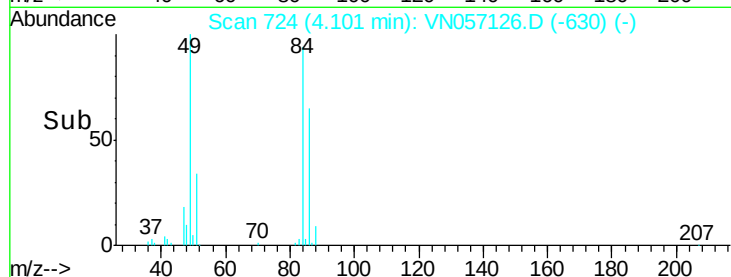
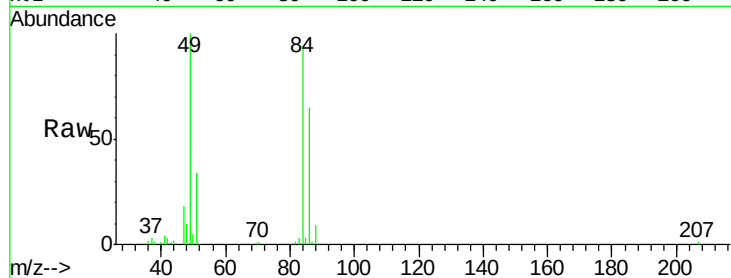
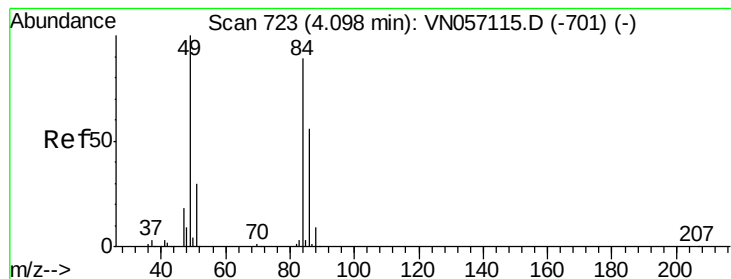
10000

5000

0

Time--> 3.40 3.45 3.50 3.55





#20

Methylene Chloride

Concen: 6.811 ug/l

RT: 4.10 min Scan# 724

Delta R.T. 0.00 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-C

Tot Ion: 84 Resp: 107179

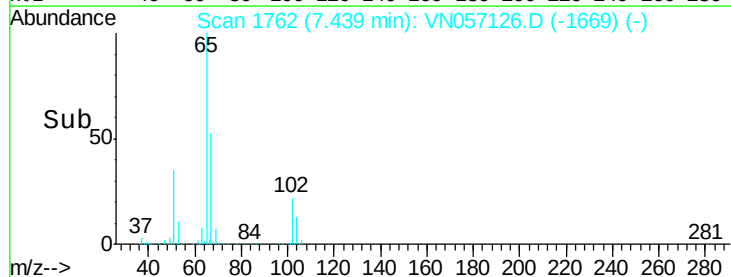
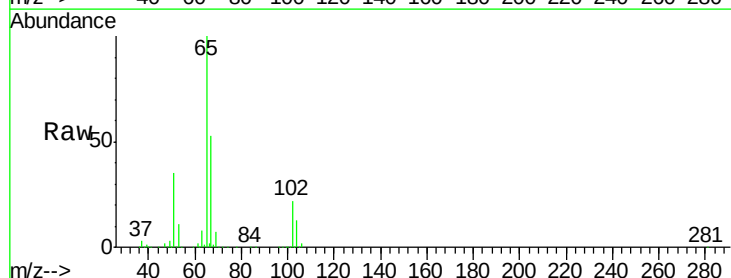
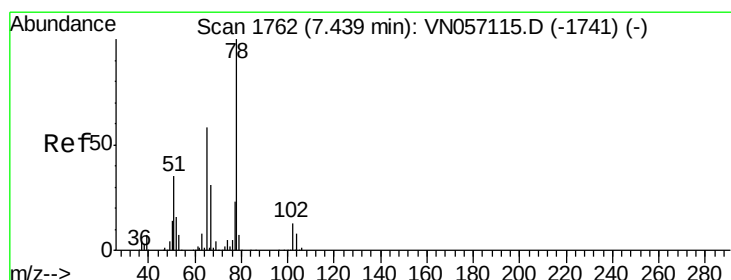
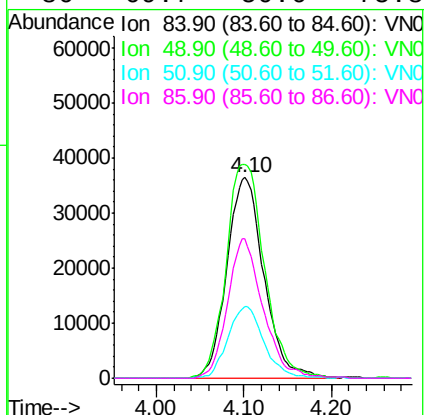
Ion Ratio Lower Upper

84 100

49 106.6 89.5 134.3

51 36.0 27.2 40.8

86 69.7 50.6 75.8



#33

1,2-Dichloroethane-d4

Concen: 45.217 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VN057126.D

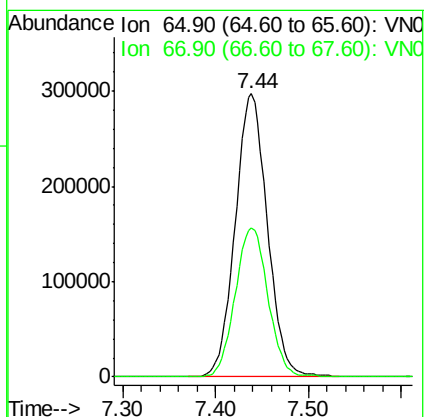
Acq: 8 Aug 2019 12:45

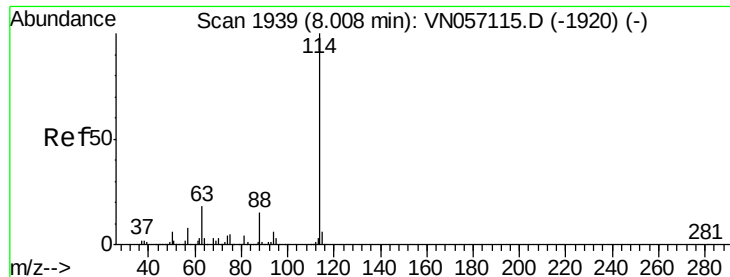
Tgt Ion: 65 Resp: 713929

Ion Ratio Lower Upper

65 100

67 53.8 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: VN057126.D

Acq: 8 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-C

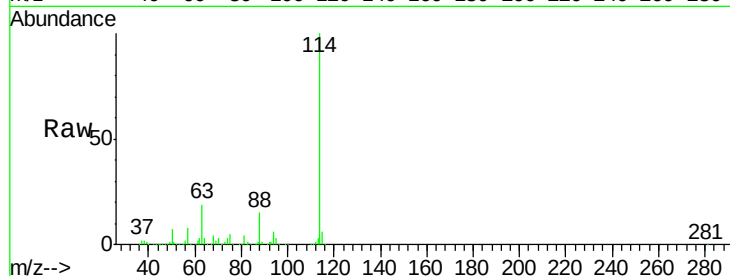
Tot Ion:114 Resp: 2151327

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.2

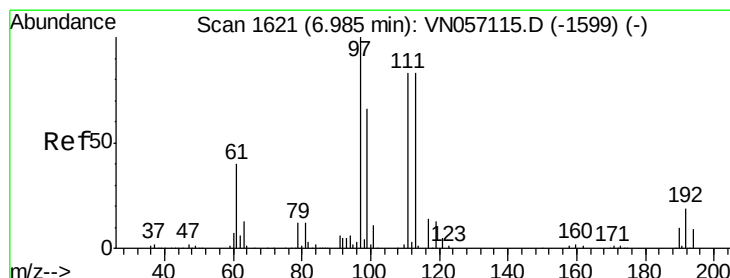
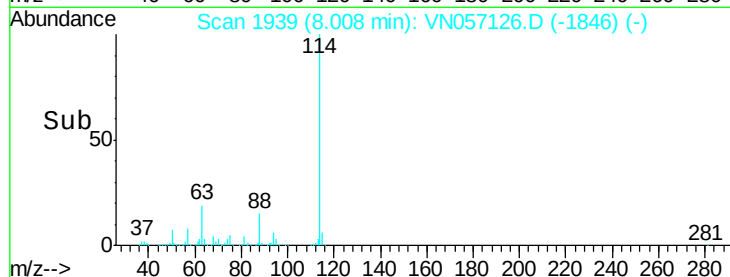
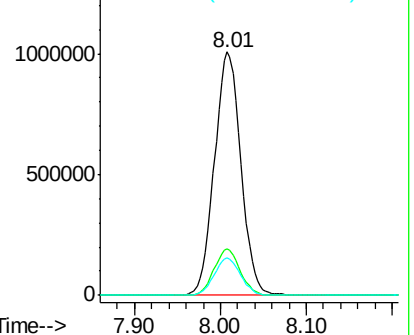
88 15.3 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.678 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

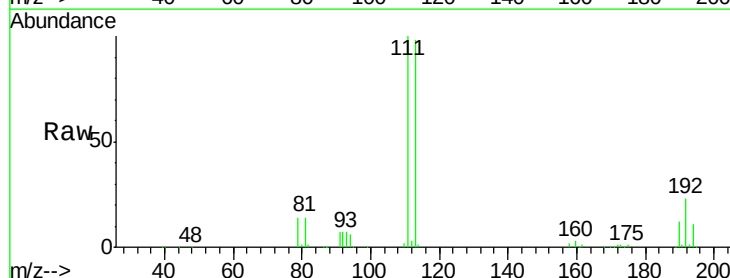
Tgt Ion:113 Resp: 643647

Ion Ratio Lower Upper

113 100

111 103.4 81.3 121.9

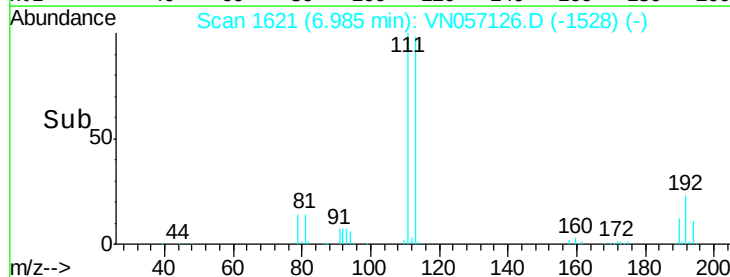
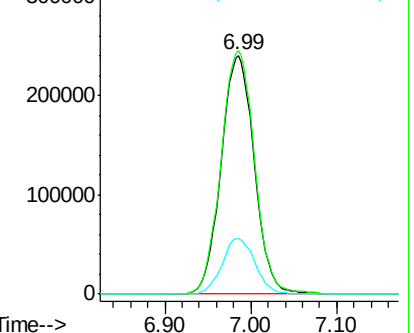
192 23.4 19.0 28.4

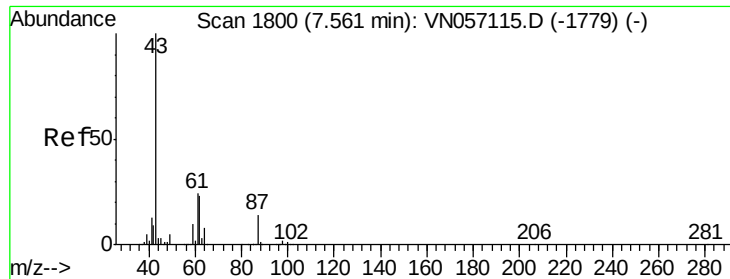


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.202 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-C

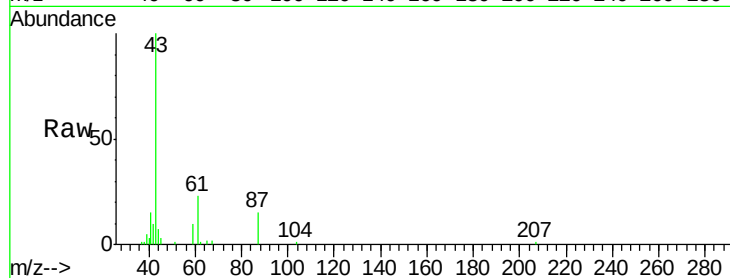
Tot Ion: 43 Resp: 54875

Ion Ratio Lower Upper

43 100

61 22.9 24.2 36.2#

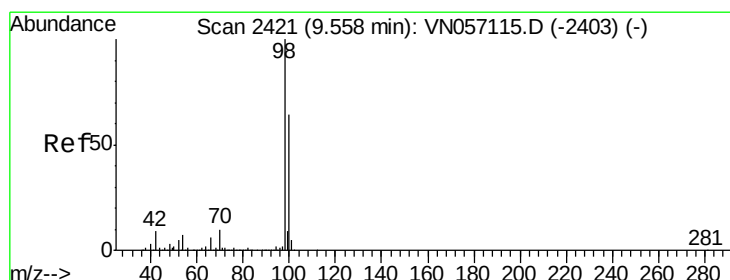
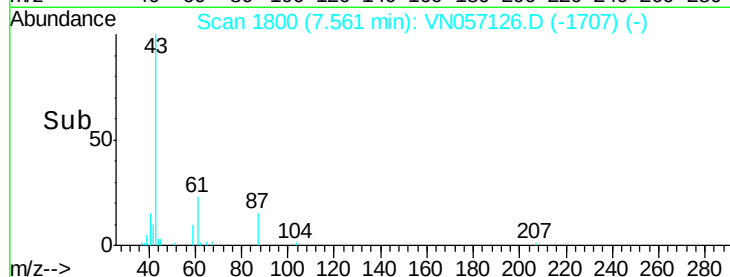
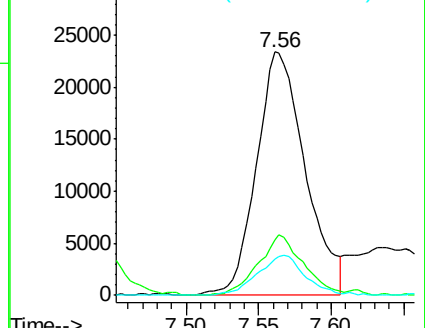
87 15.9 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 48.718 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.00 min

Lab File: VN057126.D

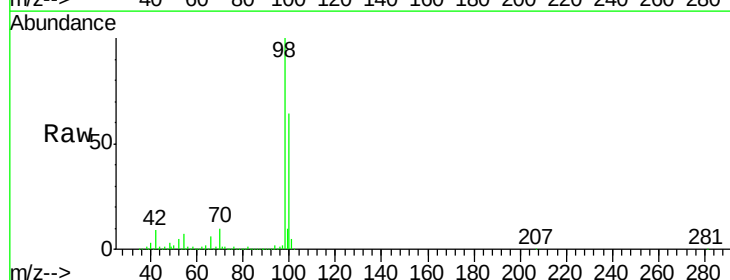
Acq: 8 Aug 2019 12:45

Tgt Ion: 98 Resp: 2516183

Ion Ratio Lower Upper

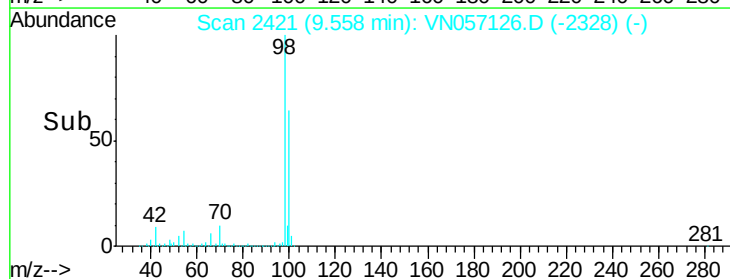
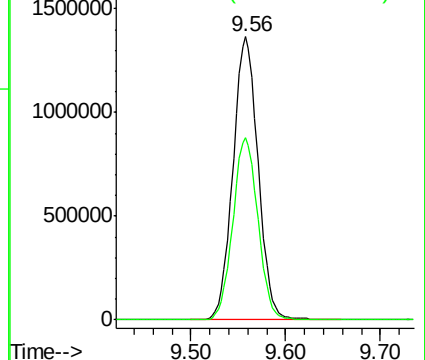
98 100

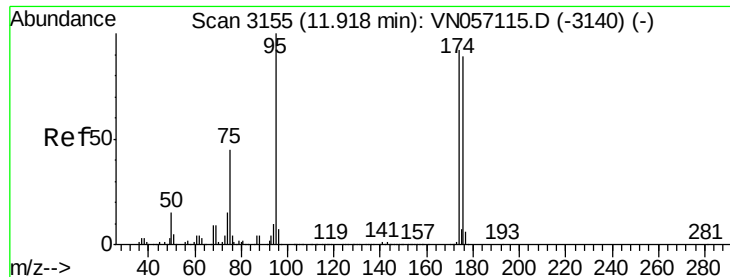
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 40.624 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. -0.00 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampled :

EO-01-080719-C

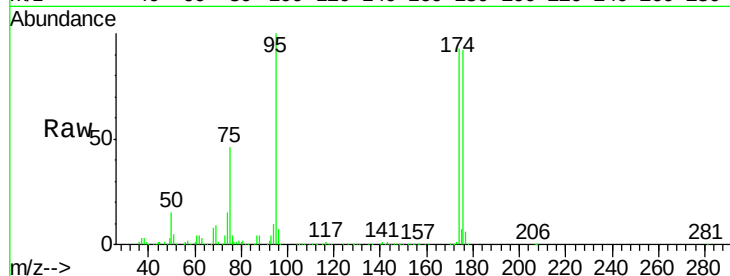
Tot Ion: 95 Resp: 676047

Ion Ratio Lower Upper

95 100

174 93.5 0.0 185.0

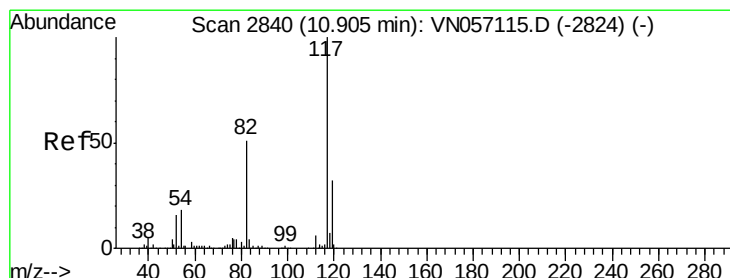
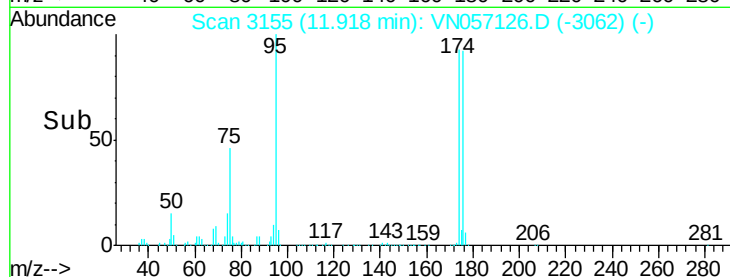
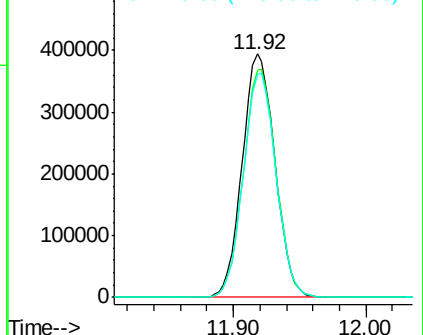
176 91.8 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.90 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

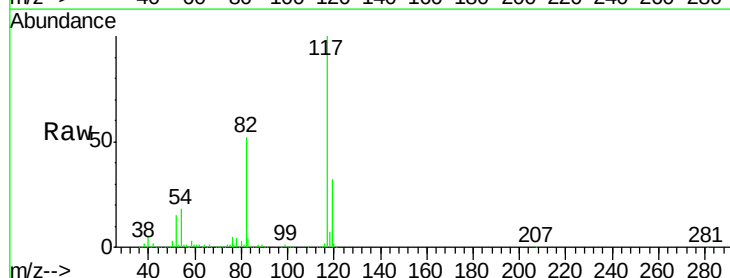
Tgt Ion: 117 Resp: 1812014

Ion Ratio Lower Upper

117 100

82 52.1 40.8 61.2

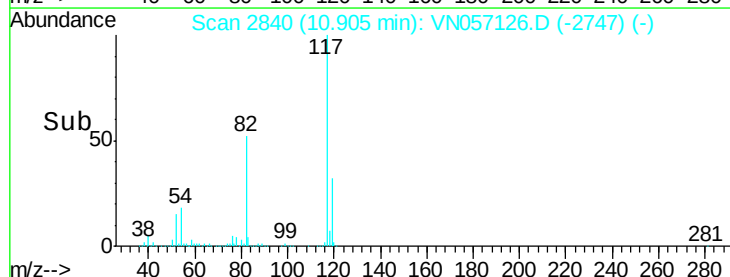
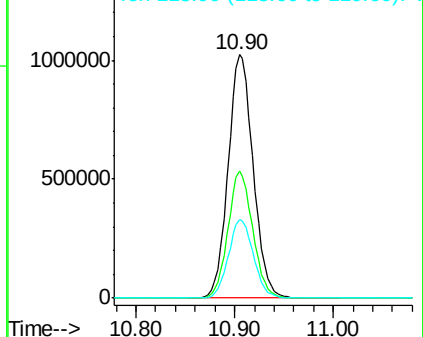
119 32.1 25.7 38.5

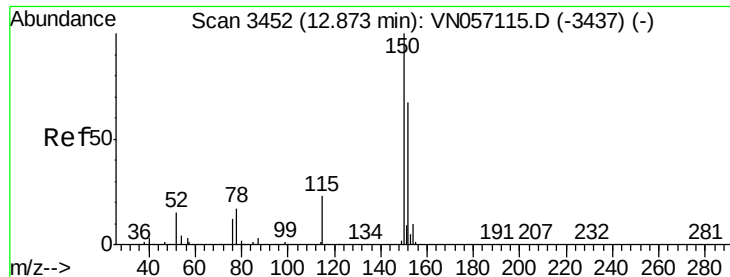


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0



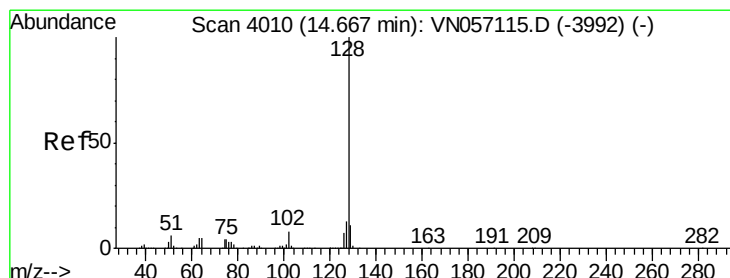
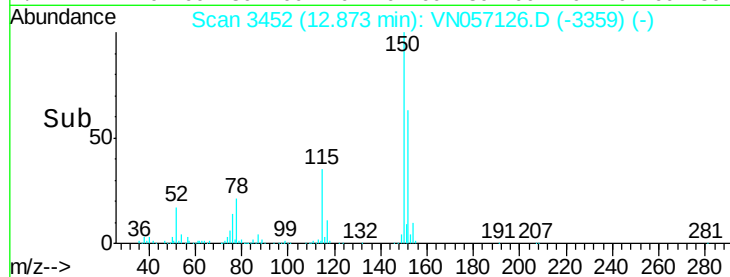
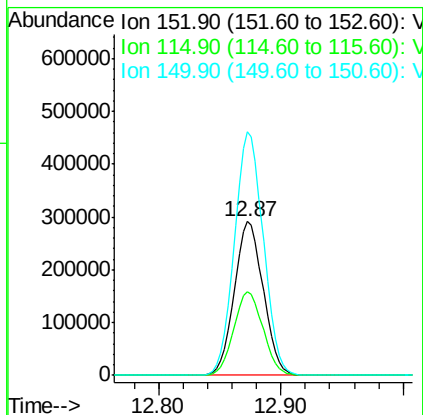
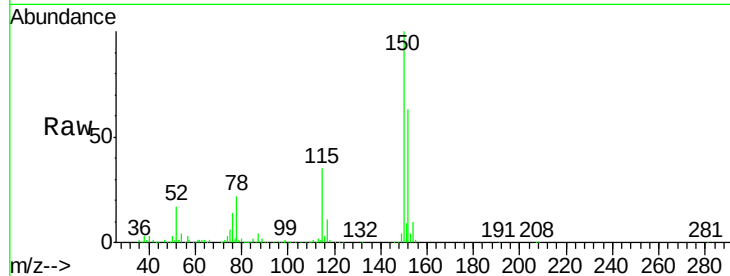


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.87 min Scan# 3452
Delta R.T. -0.00 min
Lab File: VN057126.D
Acq: 8 Aug 2019 12:45

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.5	82.5
150	158.2	0.0	341.6



#95

Naphthalene
Concen: 3.425 ug/l
RT: 14.66 min Scan# 4009
Delta R.T. -0.00 min
Lab File: VN057126.D
Acq: 8 Aug 2019 12:45

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.3	15.5
129	8.2	8.8	13.2#

