

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080819\
 Data File : VN057128.D
 Acq On : 8 Aug 2019 13:34
 Operator : JC/SP
 Sample : K4092-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 09 03:45:38 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

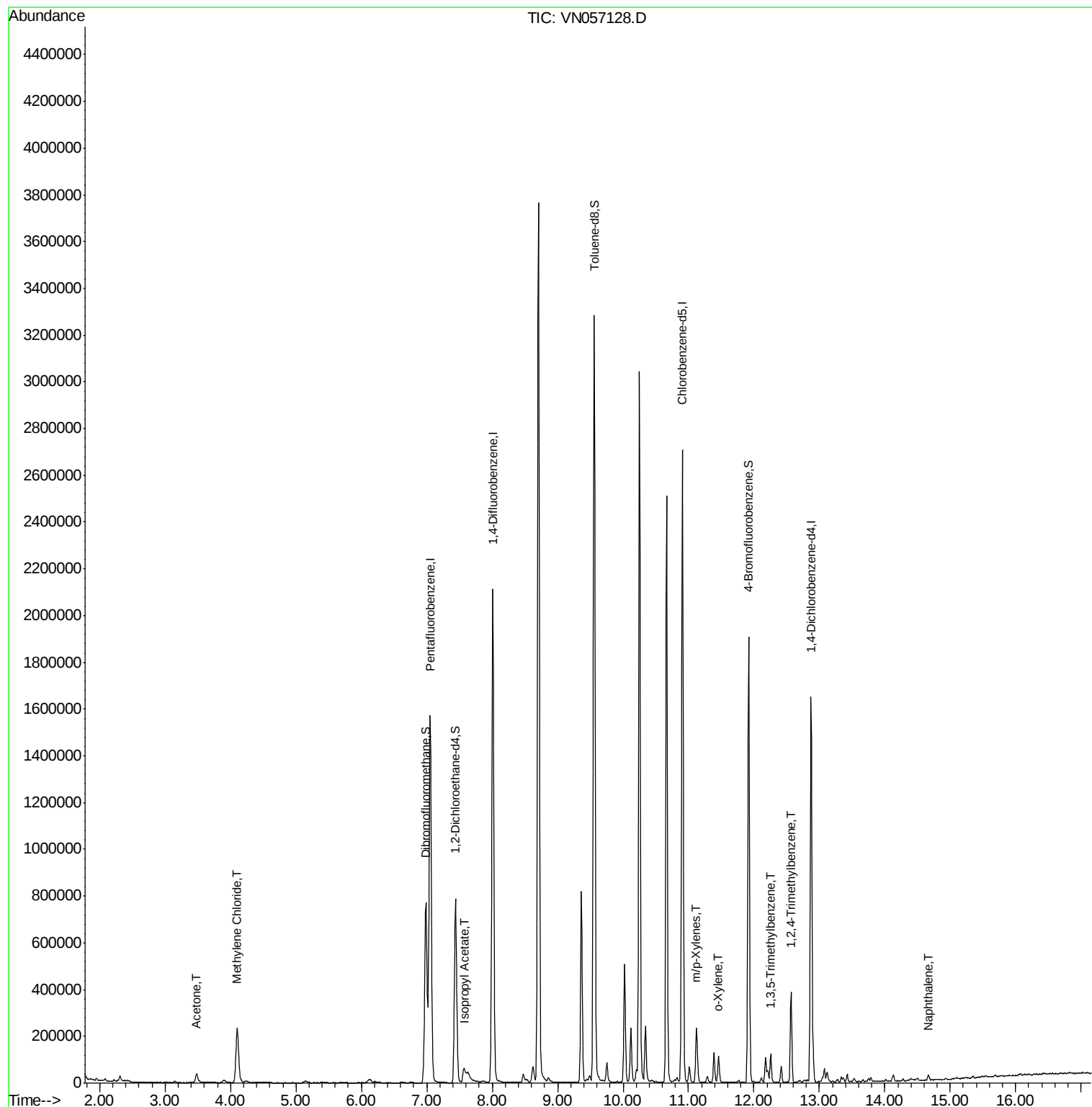
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1497497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	2104528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1771868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	487126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	690635	44.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.68%	
35) Dibromofluoromethane	6.99	113	630225	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
50) Toluene-d8	9.56	98	2467592	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.92	95	668947	41.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.18%	
Target Compounds						
16) Acetone	3.48	43	59635	12.822	ug/l	99
20) Methylene Chloride	4.10	84	176252	11.482	ug/l	97
43) Isopropyl Acetate	7.56	43	76382	3.134	ug/l #	82
68) m/p-Xylenes	11.12	106	81678	3.613	ug/l	100
69) o-Xylene	11.46	106	31732	1.410	ug/l	99
80) 1,3,5-Trimethylbenzene	12.26	105	69327	1.843	ug/l	99
84) 1,2,4-Trimethylbenzene	12.57	105	230166	6.332	ug/l	99
95) Naphthalene	14.66	128	19726	4.368	ug/l #	95

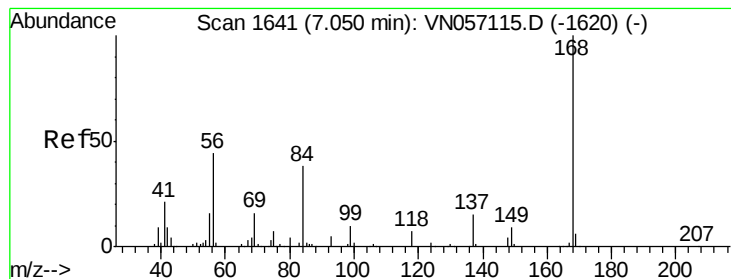
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080819\
Data File : VN057128.D
Acq On : 8 Aug 2019 13:34
Operator : JC/SP
Sample : K4092-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 09 03:45:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:49:25 2019
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: VN057128.D

Acq: 8 Aug 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

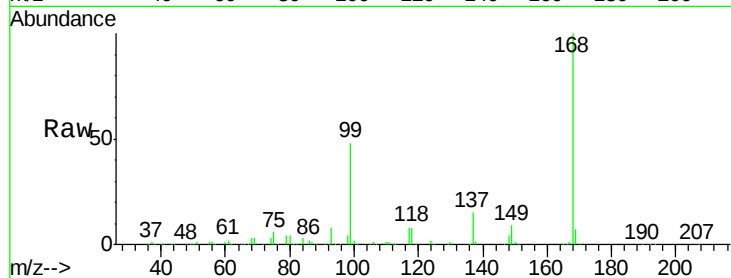
EO-01-080719-A

Tot Ion:168 Resp: 1497497

Ion Ratio Lower Upper

168 100

99 48.1 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057128.D (-1548) (-)

Ion 98.90 (98.60 to 99.60): VN057128.D (-1548) (-)

7.05

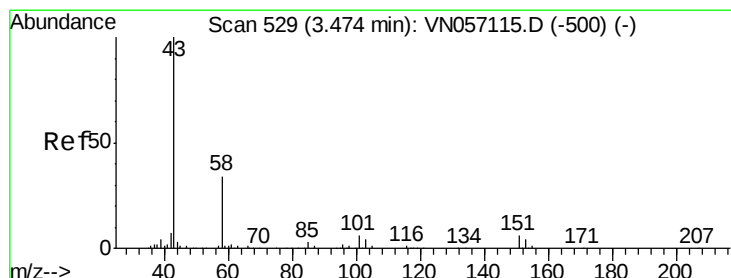
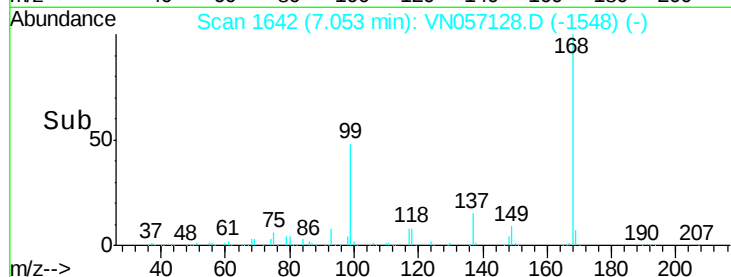
600000

400000

200000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 12.822 ug/l

RT: 3.48 min Scan# 530

Delta R.T. 0.00 min

Lab File: VN057128.D

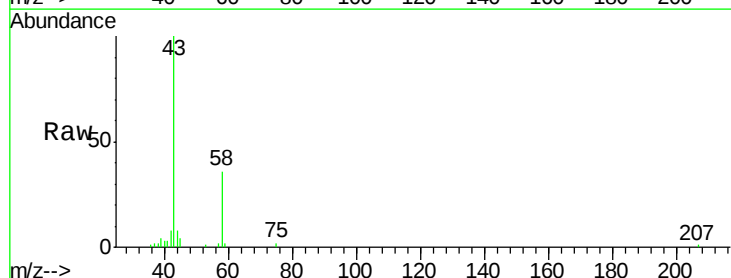
Acq: 8 Aug 2019 13:34

Tgt Ion: 43 Resp: 59635

Ion Ratio Lower Upper

43 100

58 34.6 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN057128.D (-436) (-)

Ion 58.00 (57.70 to 58.70): VN057128.D (-436) (-)

3.48

25000

20000

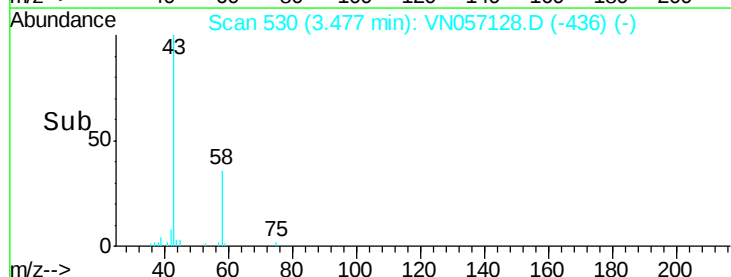
15000

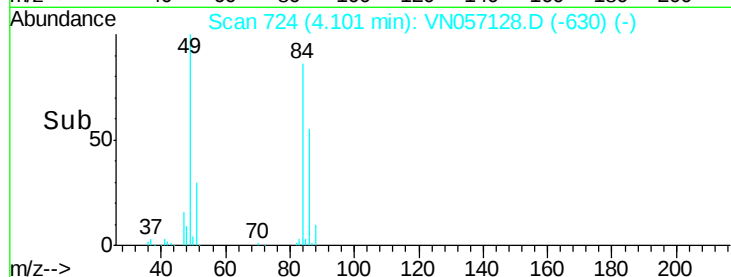
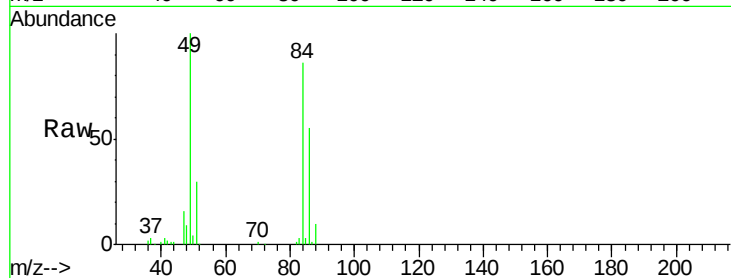
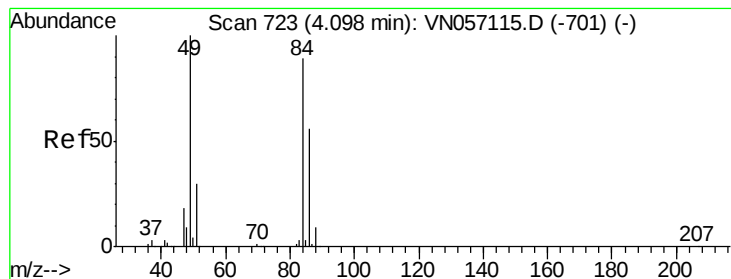
10000

5000

0

Time--> 3.40 3.50 3.60





#20

Methylene Chloride

Concen: 11.482 ug/l

RT: 4.10 min Scan# 724

Delta R.T. 0.00 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-A

Tot Ion: 84 Resp: 176252

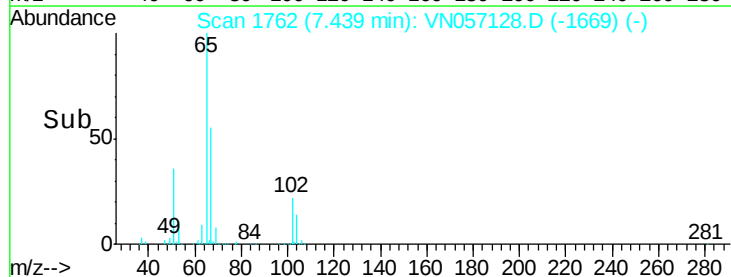
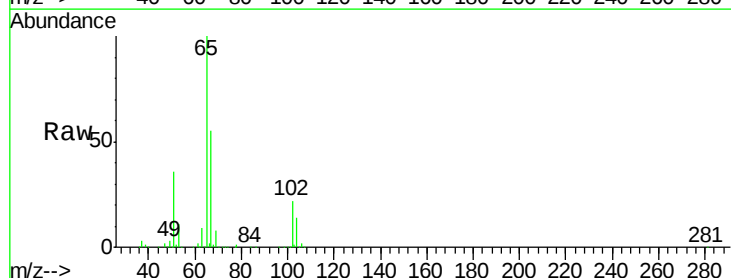
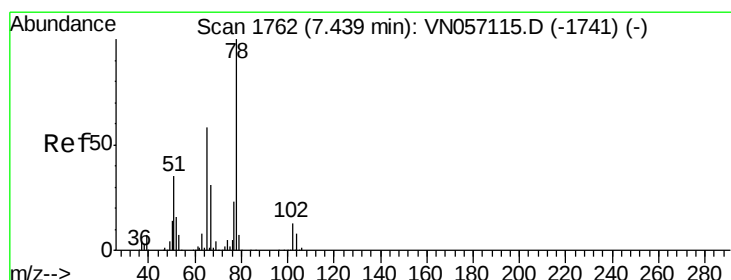
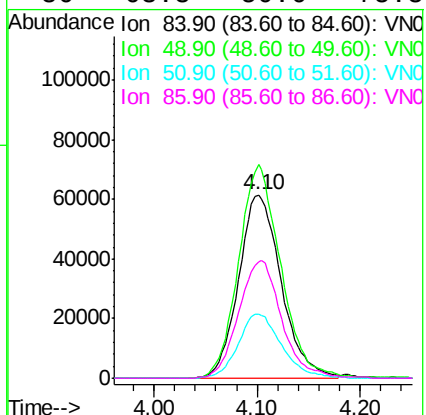
Ion Ratio Lower Upper

84 100

49 116.5 89.5 134.3

51 34.7 27.2 40.8

86 63.8 50.6 75.8



#33

1,2-Dichloroethane-d4

Concen: 44.844 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VN057128.D

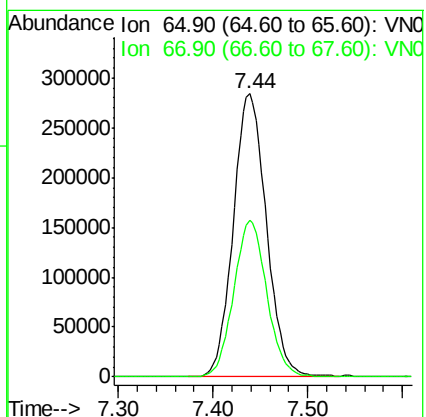
Acq: 8 Aug 2019 13:34

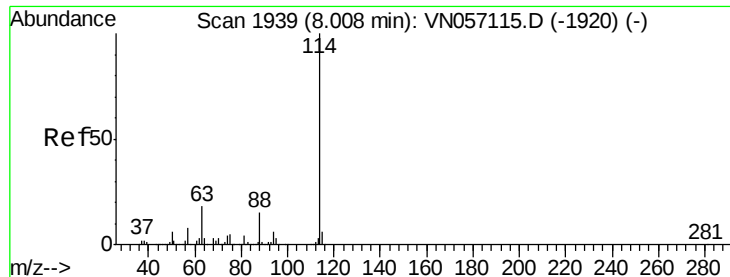
Tgt Ion: 65 Resp: 690635

Ion Ratio Lower Upper

65 100

67 55.1 0.0 108.2

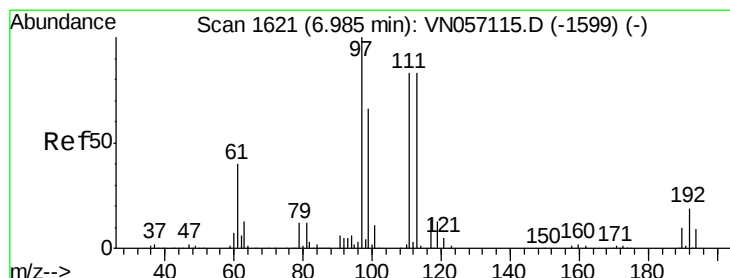
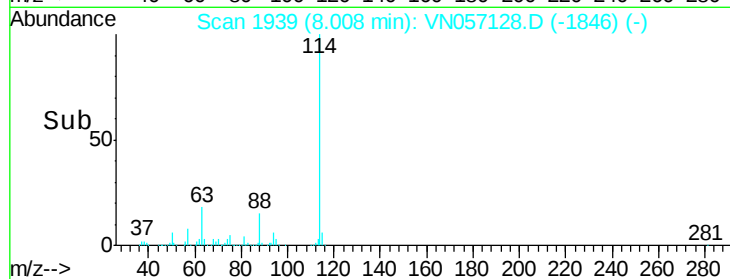
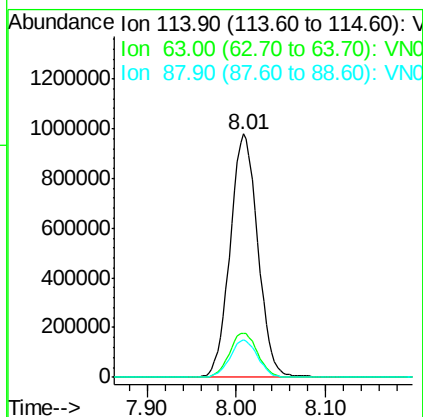
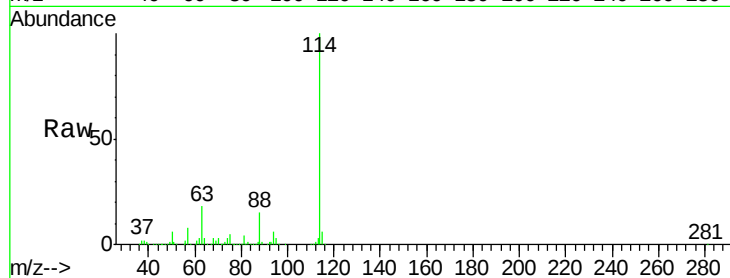




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. -0.00 min
Lab File: VN057128.D
Acq: 8 Aug 2019 13:34

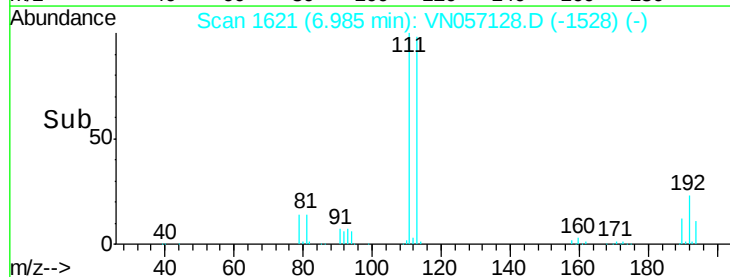
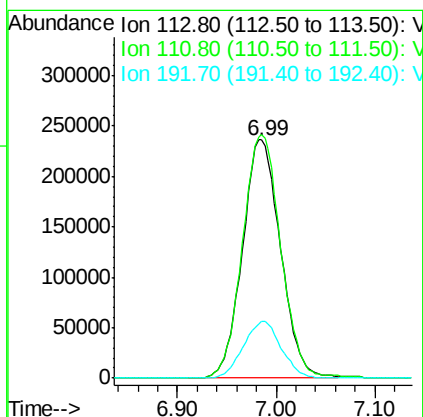
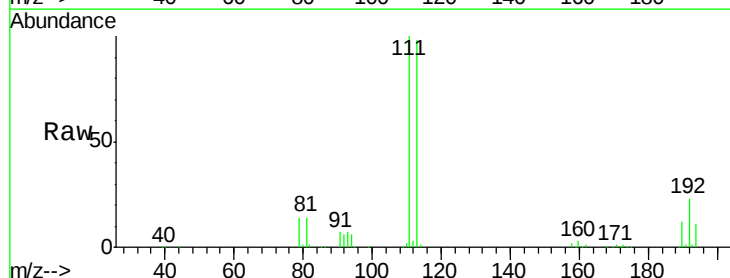
Instrument :
MSVOA_N
ClientSampleId :
EO-01-080719-A

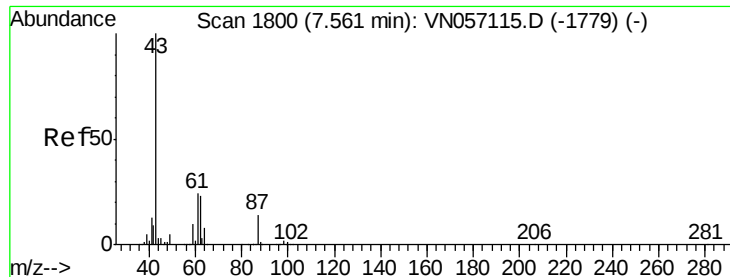
Tot Ion:114 Resp: 2104528
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.2
88 15.2 0.0 30.0



#35
Dibromofluoromethane
Concen: 47.722 ug/l
RT: 6.99 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VN057128.D
Acq: 8 Aug 2019 13:34

Tgt Ion:113 Resp: 630225
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 23.7 19.0 28.4





#43

Isopropyl Acetate

Concen: 3.134 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-A

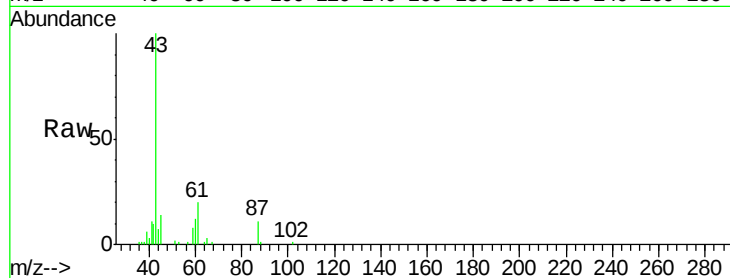
Tot Ion: 43 Resp: 76382

Ion Ratio Lower Upper

43 100

61 18.3 24.2 36.2#

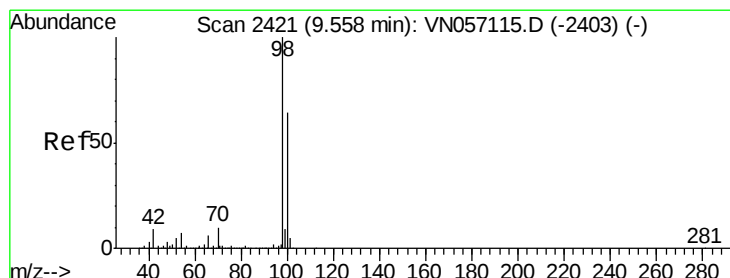
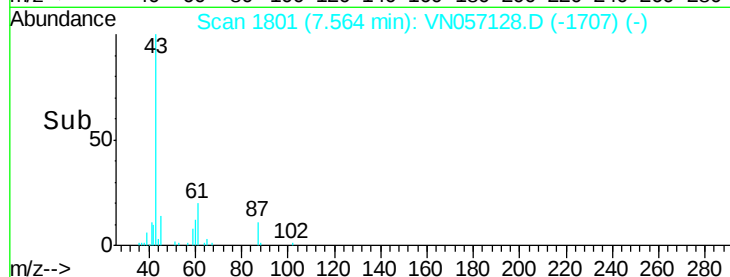
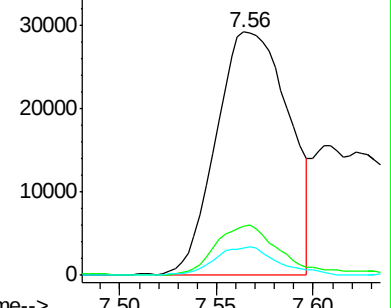
87 10.2 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-1779) (-)

Ion 61.00 (60.70 to 61.70): VN057115.D (-1779) (-)

Ion 87.00 (86.70 to 87.70): VN057115.D (-1779) (-)



#50

Toluene-d8

Concen: 48.839 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.00 min

Lab File: VN057128.D

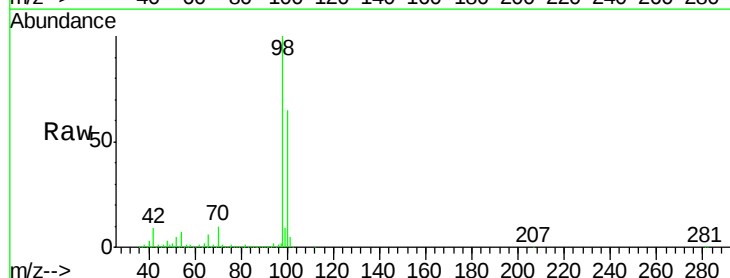
Acq: 8 Aug 2019 13:34

Tgt Ion: 98 Resp: 2467592

Ion Ratio Lower Upper

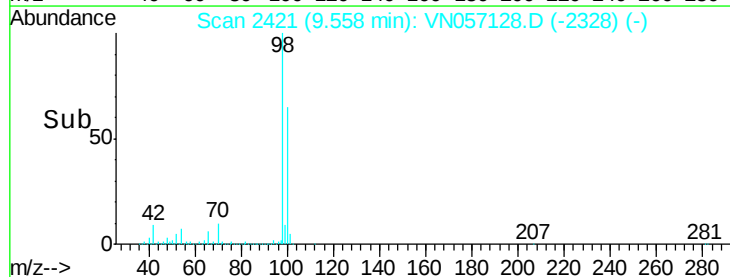
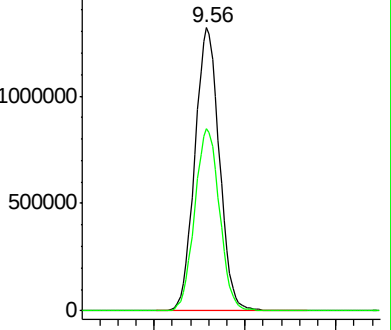
98 100

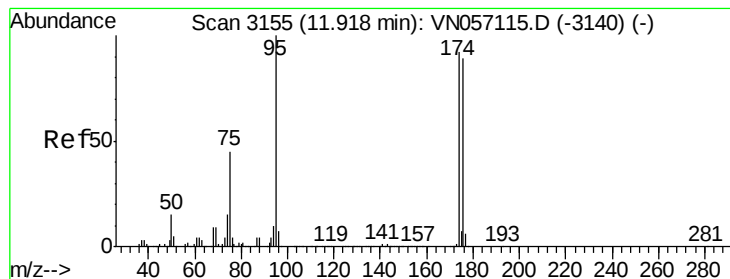
100 65.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN057115.D (-2403) (-)

Ion 100.00 (99.70 to 100.70): VN057115.D (-2403) (-)





#62

4-Bromofluorobenzene

Concen: 41.091 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. -0.00 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-A

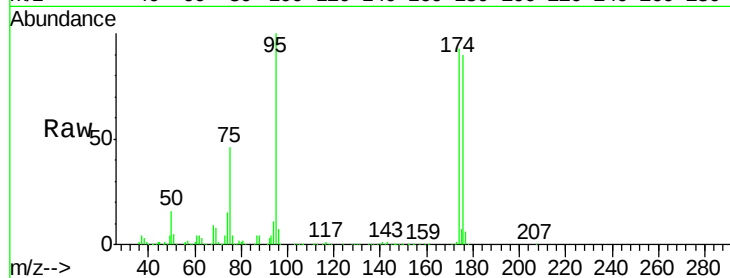
Tot Ion: 95 Resp: 668947

Ion Ratio Lower Upper

95 100

174 95.2 0.0 185.0

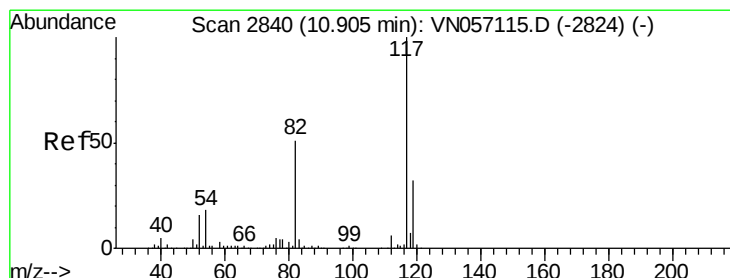
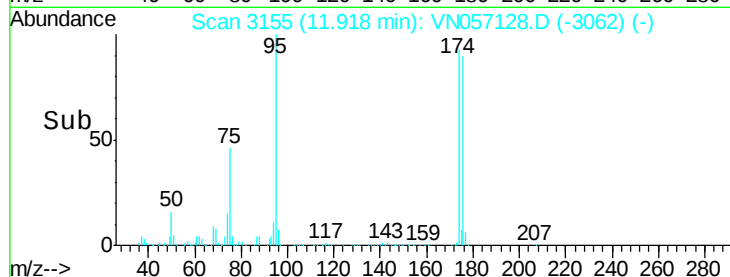
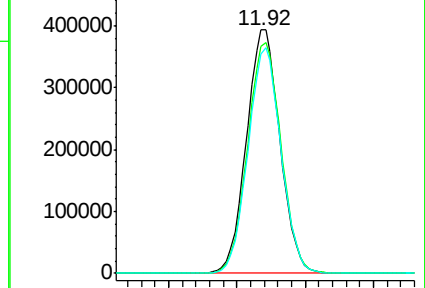
176 91.4 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VN057115.D (-3140) (-)

Ion 173.80 (173.50 to 174.50): VN057115.D (-3140) (-)

Ion 175.80 (175.50 to 176.50): VN057115.D (-3140) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.90 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

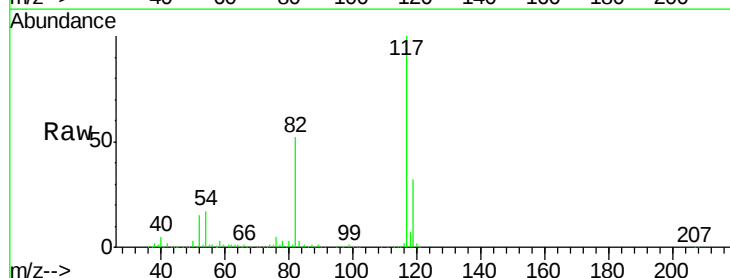
Tgt Ion: 117 Resp: 1771868

Ion Ratio Lower Upper

117 100

82 51.5 40.8 61.2

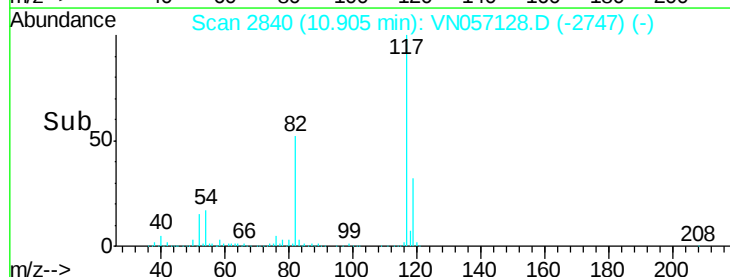
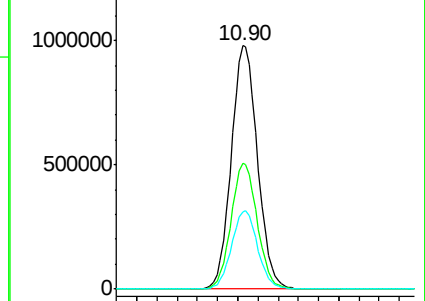
119 32.0 25.7 38.5

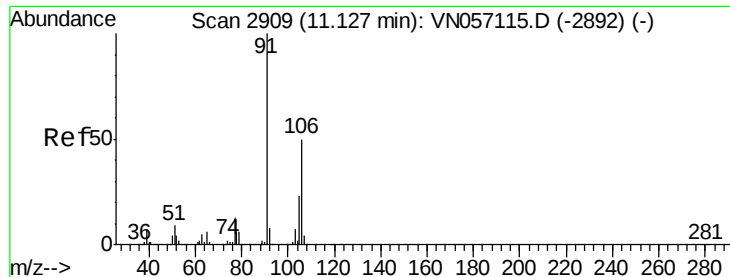


Abundance Ion 116.90 (116.60 to 117.60): VN057115.D (-2824) (-)

Ion 82.00 (81.70 to 82.70): VN057115.D (-2824) (-)

Ion 118.90 (118.60 to 119.60): VN057115.D (-2824) (-)

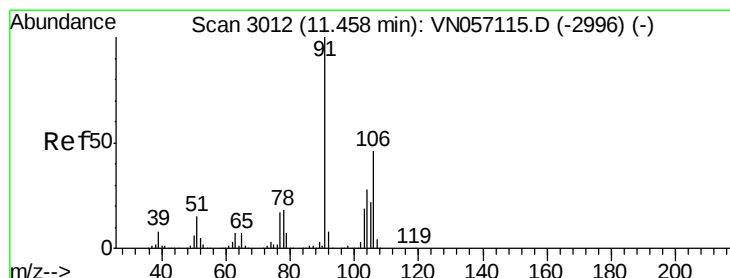
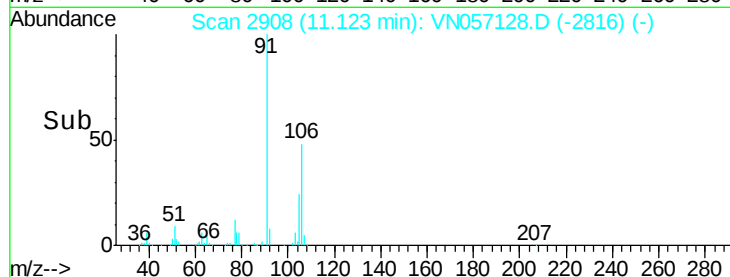
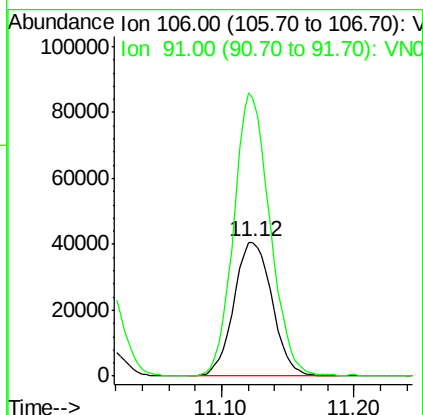
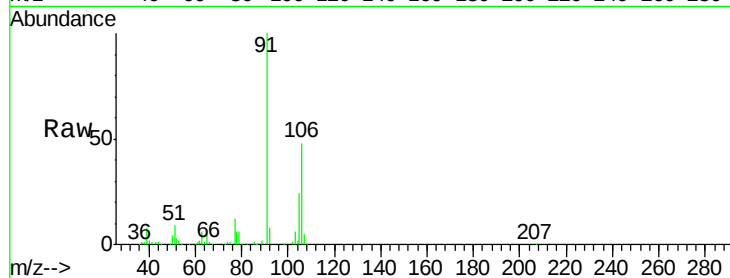




#68
m/p-Xylenes
Concen: 3.613 ug/l
RT: 11.12 min Scan# 2908
Delta R.T. -0.00 min
Lab File: VN057128.D
Acq: 8 Aug 2019 13:34

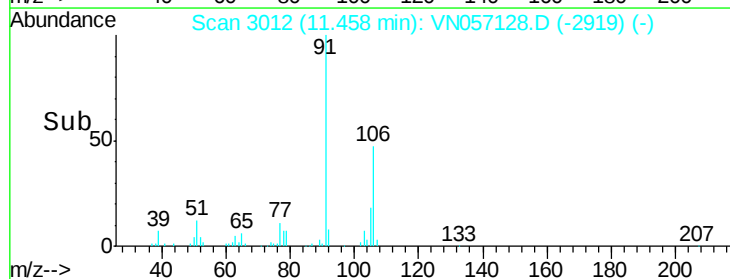
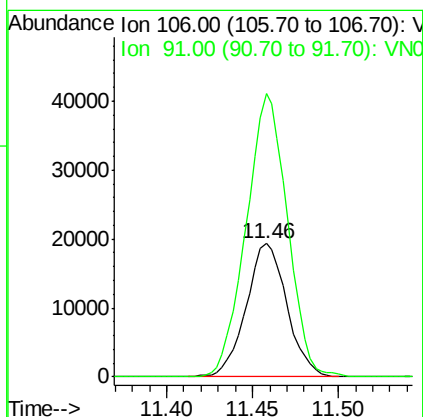
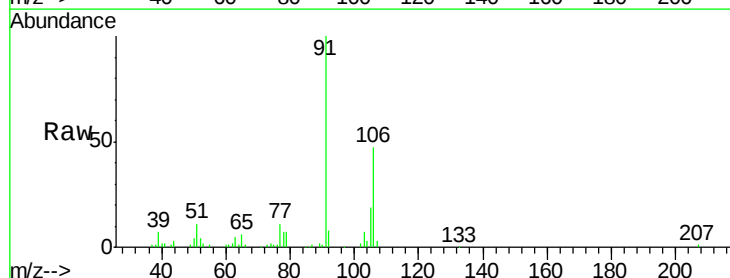
Instrument :
MSVOA_N
ClientSampleId :
EO-01-080719-A

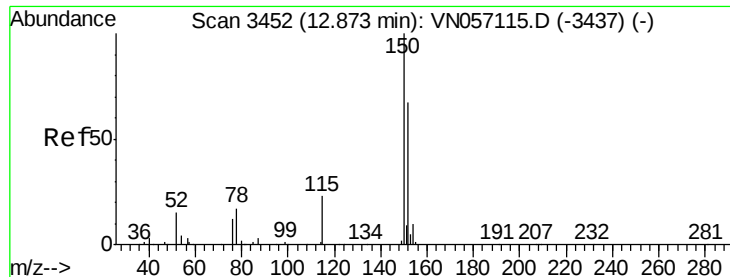
Tot Ion:106 Resp: 81678
Ion Ratio Lower Upper
106 100
91 199.7 159.8 239.8



#69
o-Xylene
Concen: 1.410 ug/l
RT: 11.46 min Scan# 3012
Delta R.T. -0.00 min
Lab File: VN057128.D
Acq: 8 Aug 2019 13:34

Tgt Ion:106 Resp: 31732
Ion Ratio Lower Upper
106 100
91 214.6 106.8 320.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.87 min Scan# 3452

Delta R.T. -0.00 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-A

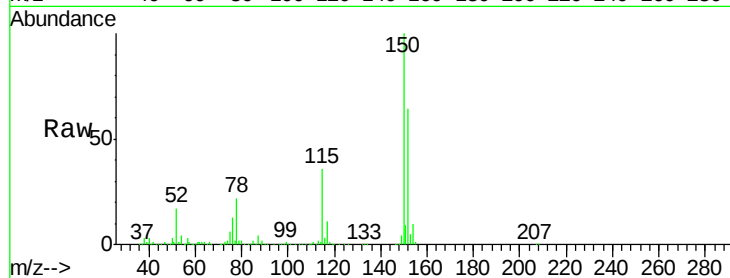
Tot Ion:152 Resp: 487126

Ion Ratio Lower Upper

152 100

115 55.2 27.5 82.5

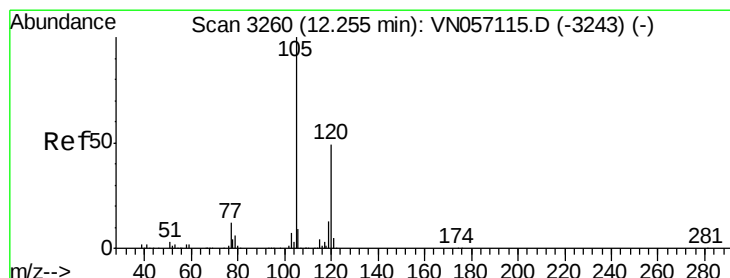
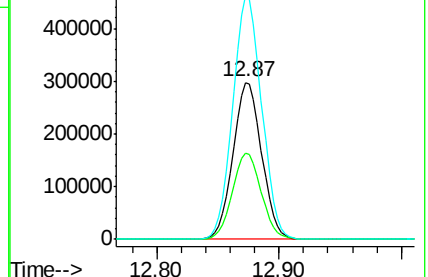
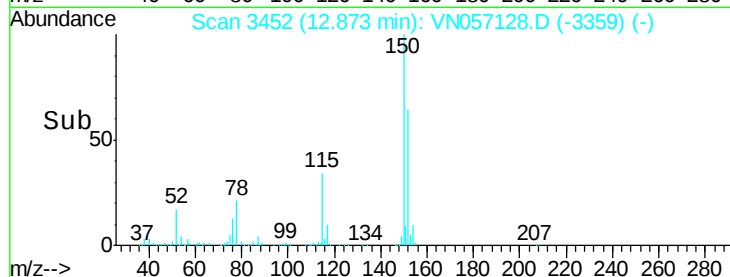
150 156.4 0.0 341.6



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



#80

1,3,5-Trimethylbenzene

Concen: 1.843 ug/l

RT: 12.26 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN057128.D

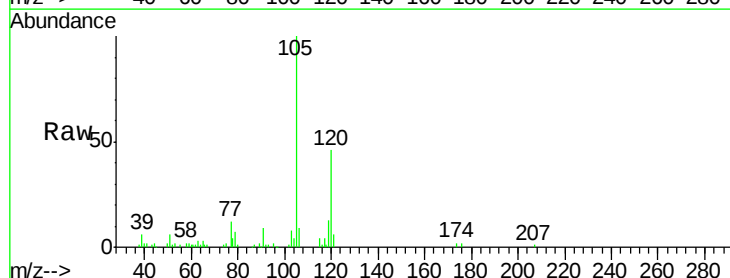
Acq: 8 Aug 2019 13:34

Tgt Ion:105 Resp: 69327

Ion Ratio Lower Upper

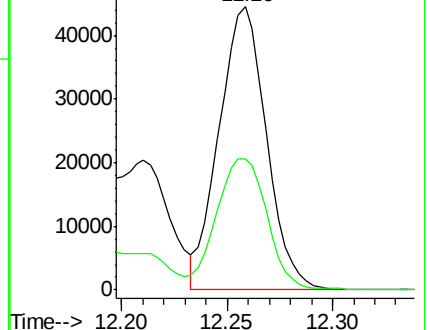
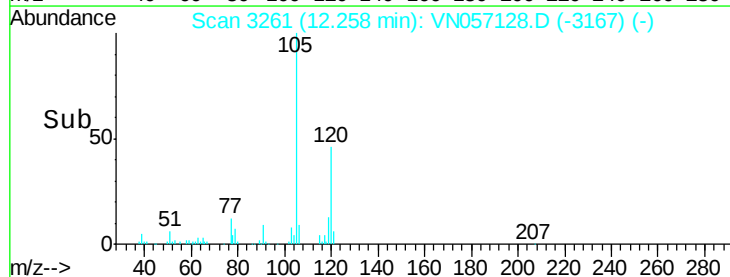
105 100

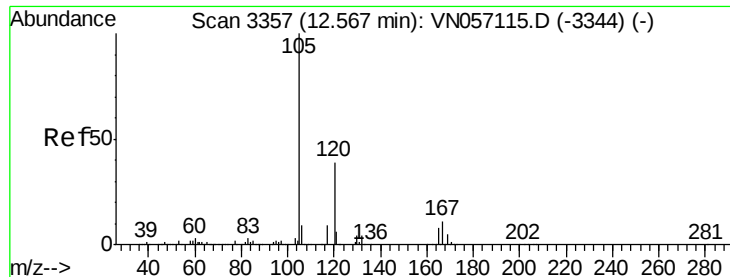
120 50.0 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

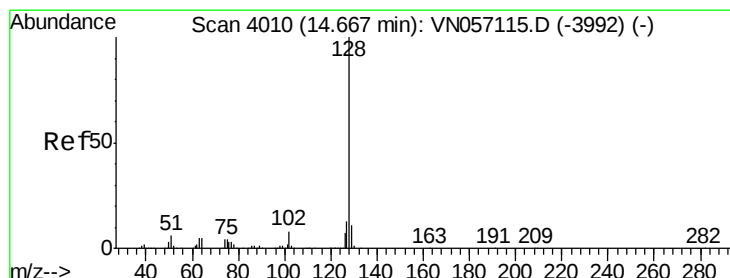
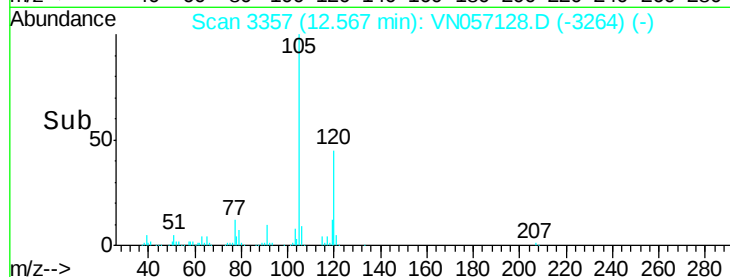
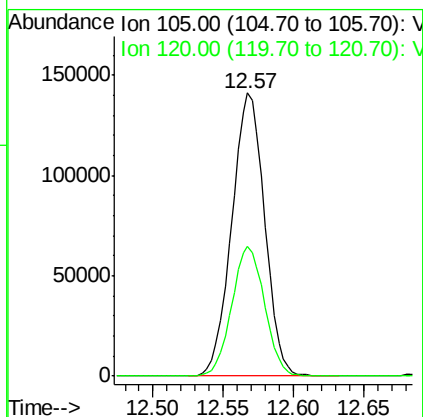
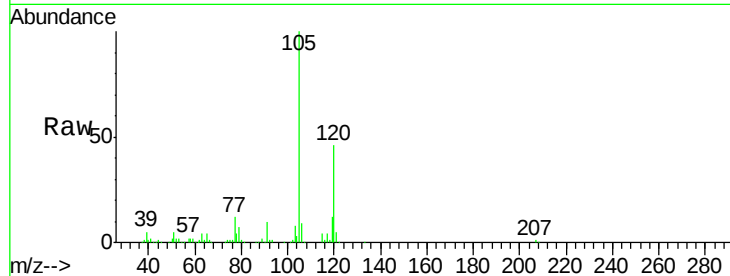




#84
 1,2,4-Trimethylbenzene
 Concen: 6.332 ug/l
 RT: 12.57 min Scan# 3357
 Delta R.T. -0.00 min
 Lab File: VN057128.D
 Acq: 8 Aug 2019 13:34

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

Tot Ion:105 Resp: 230166
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.3 69.8



#95
 Naphthalene
 Concen: 4.368 ug/l
 RT: 14.66 min Scan# 4009
 Delta R.T. -0.00 min
 Lab File: VN057128.D
 Acq: 8 Aug 2019 13:34

Tgt Ion:128 Resp: 19726
 Ion Ratio Lower Upper
 128 100
 127 12.2 10.3 15.5
 129 14.0 8.8 13.2#

