

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091719\
 Data File : VN058145.D
 Acq On : 17 Sep 2019 13:34
 Operator : JC/SP
 Sample : K4889-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

Quant Time: Sep 18 04:16:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	379214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	616843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	575250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	320808	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	358135	46.63	ug/l	0.00
Spiked Amount			Recovery	=	93.26%	
35) Dibromofluoromethane	7.58	113	248401	43.63	ug/l	0.00
Spiked Amount			Recovery	=	87.26%	
50) Toluene-d8	10.08	98	970429	43.90	ug/l	0.00
Spiked Amount			Recovery	=	87.80%	
62) 4-Bromofluorobenzene	12.40	95	345098	40.97	ug/l	0.00
Spiked Amount			Recovery	=	81.94%	

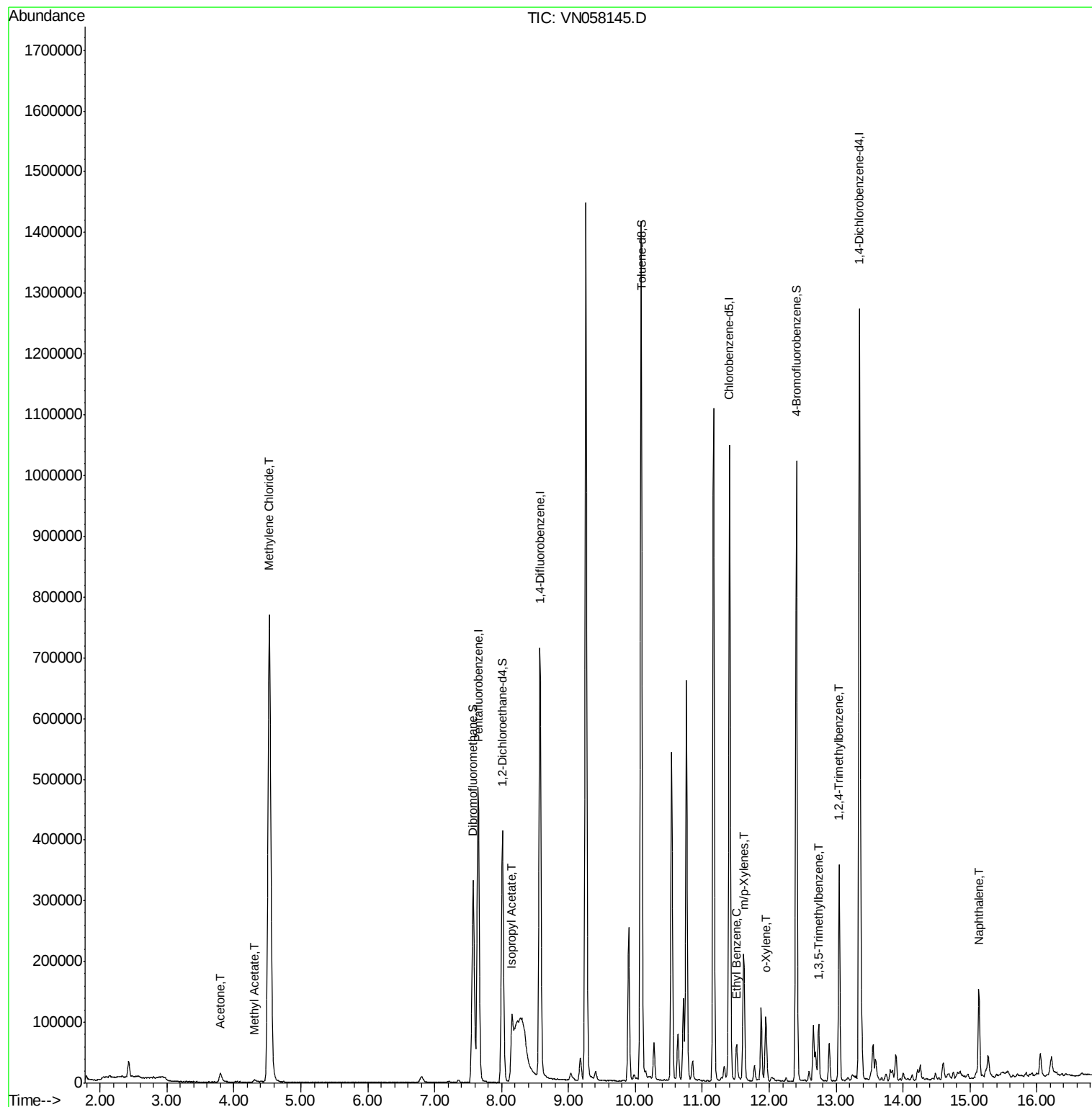
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	27081	10.756	ug/l	96
18) Methyl Acetate	4.31	43	6867	1.023	ug/l #	89
20) Methylene Chloride	4.53	84	563390	119.241	ug/l	99
43) Isopropyl Acetate	8.16	43	144705	11.642	ug/l #	81
67) Ethyl Benzene	11.51	91	41321	1.566	ug/l	97
68) m/p-Xylenes	11.62	106	64154	6.638	ug/l	97
69) o-Xylene	11.95	106	27245	2.836	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	46660	2.218	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	190954	8.932	ug/l	100
95) Naphthalene	15.13	128	114239	4.658	ug/l	99

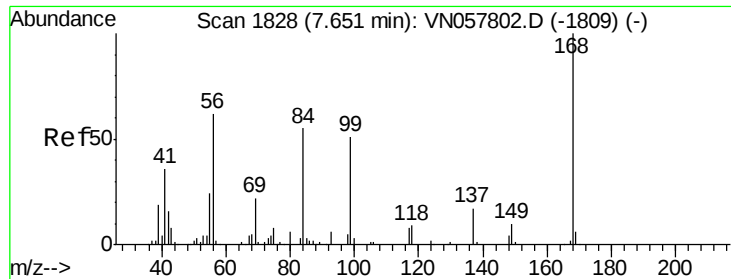
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091719\
Data File : VN058145.D
Acq On : 17 Sep 2019 13:34
Operator : JC/SP
Sample : K4889-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

Quant Time: Sep 18 04:16:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058145.D

Acq: 17 Sep 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

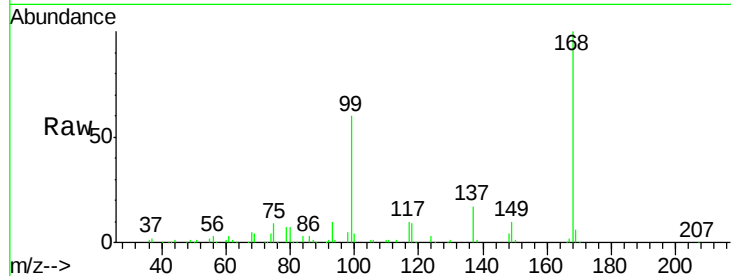
DRUM-COMP

Tot Ion:168 Resp: 379214

Ion Ratio Lower Upper

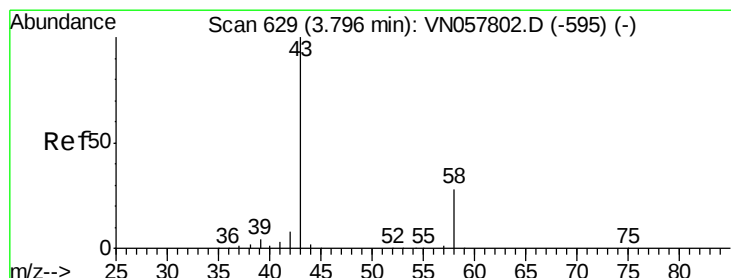
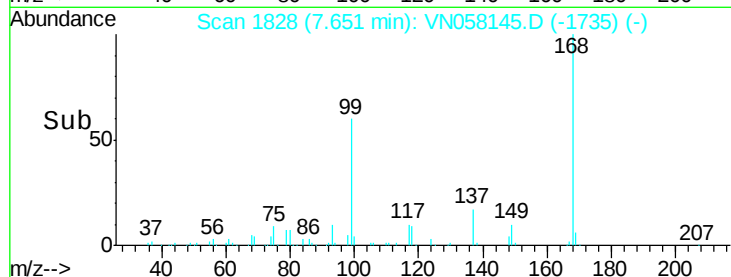
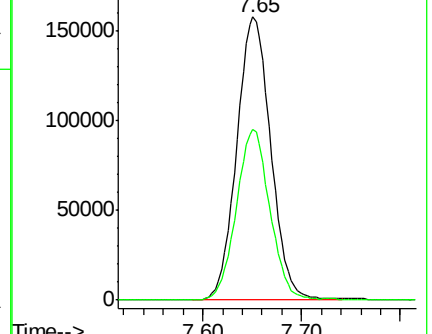
168 100

99 60.1 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 10.756 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058145.D

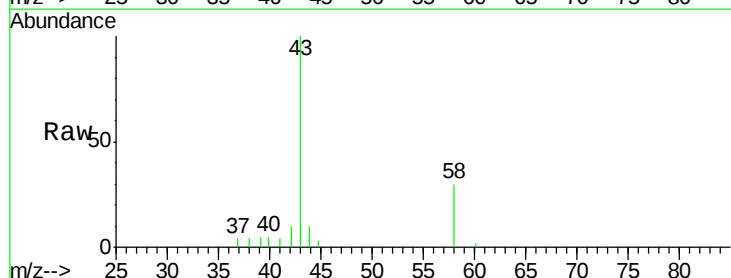
Acq: 17 Sep 2019 13:34

Tgt Ion: 43 Resp: 27081

Ion Ratio Lower Upper

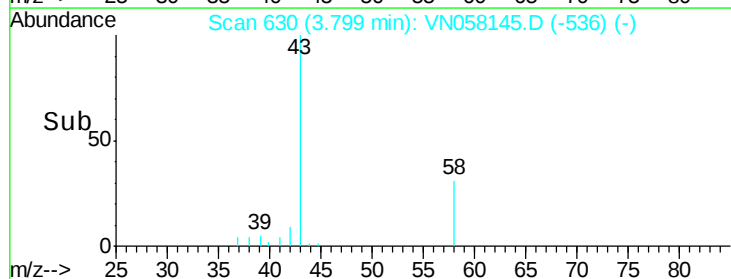
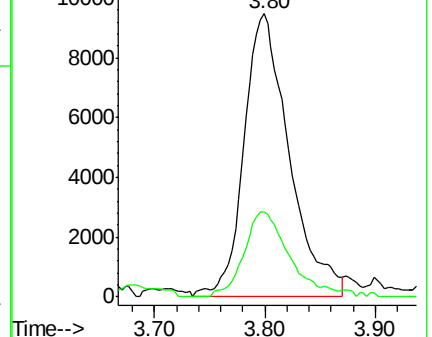
43 100

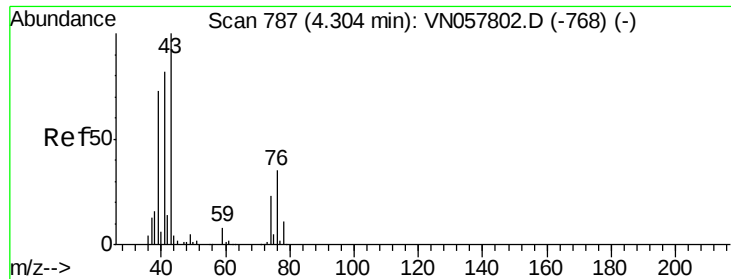
58 30.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

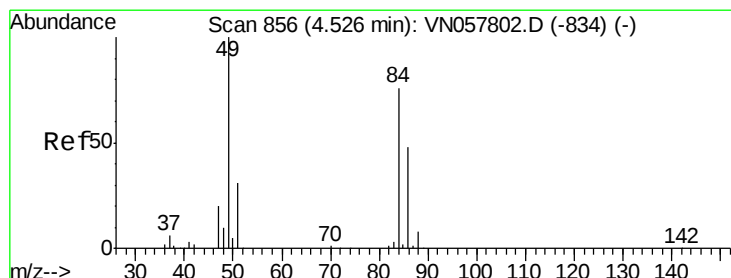
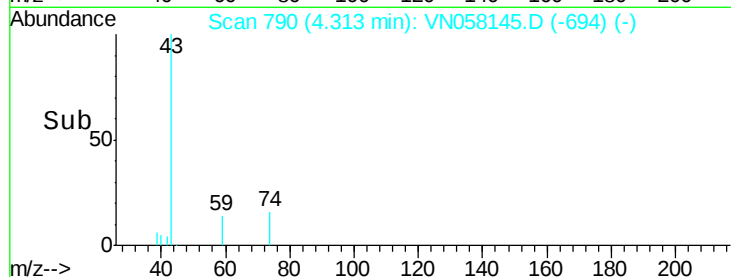
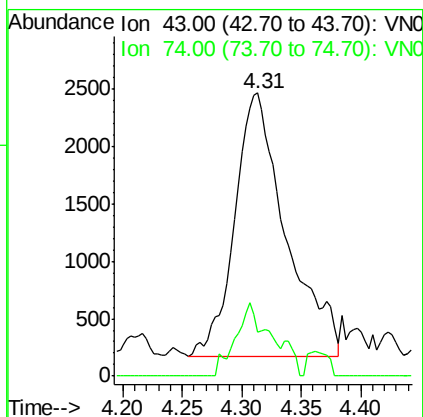
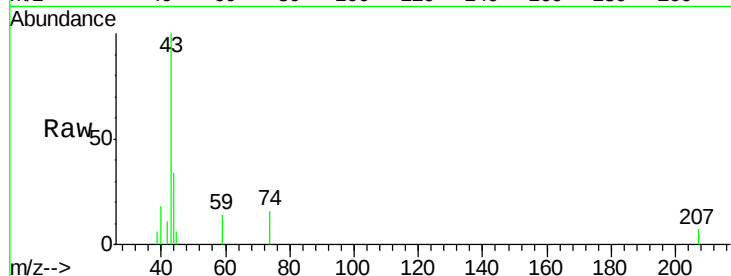




#18
Methyl Acetate
Concen: 1.023 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN058145.D
Acq: 17 Sep 2019 13:34

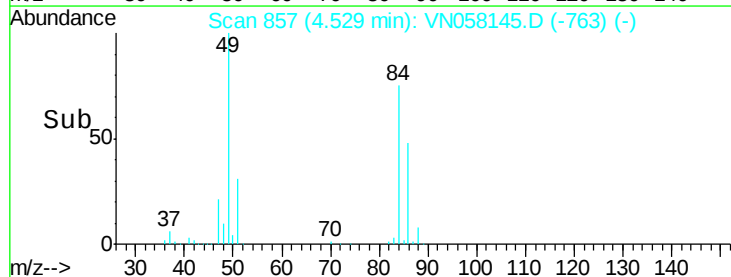
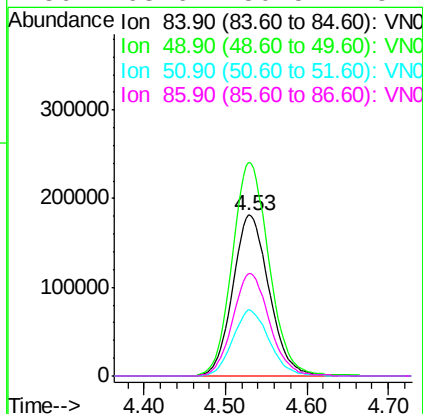
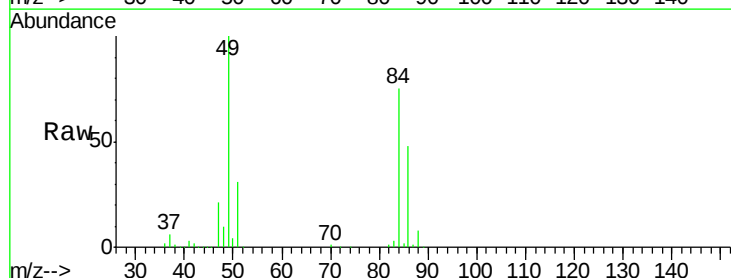
Instrument :
MSVOA_N
ClientSampled :
DRUM-COMP

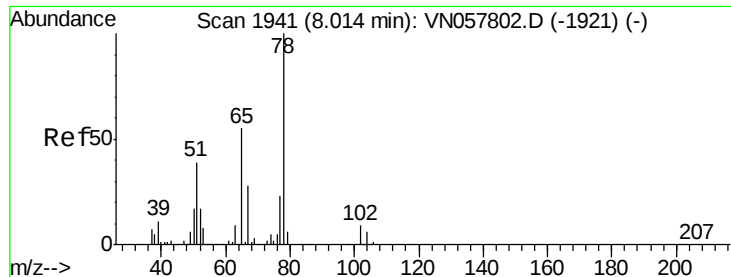
Tot Ion: 43 Resp: 6867
Ion Ratio Lower Upper
43 100
74 17.0 17.9 26.9#



#20
Methylene Chloride
Concen: 119.241 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058145.D
Acq: 17 Sep 2019 13:34

Tgt Ion: 84 Resp: 563390
Ion Ratio Lower Upper
84 100
49 132.8 104.8 157.2
51 41.2 33.0 49.4
86 63.6 50.5 75.7

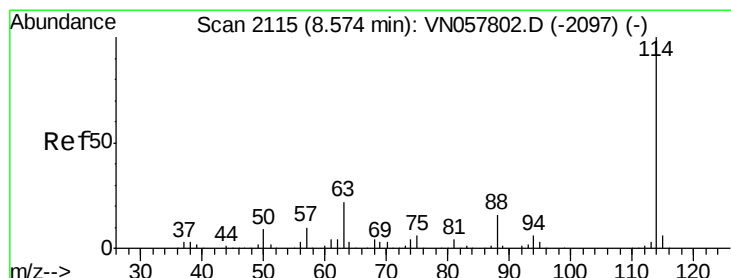
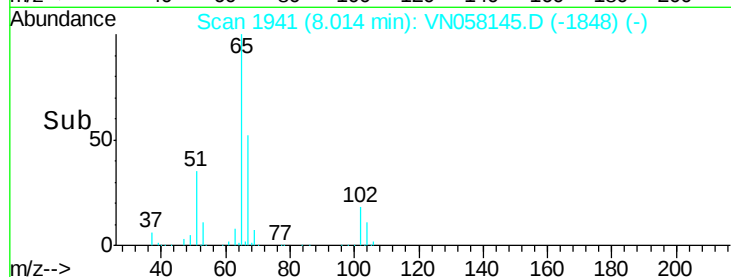
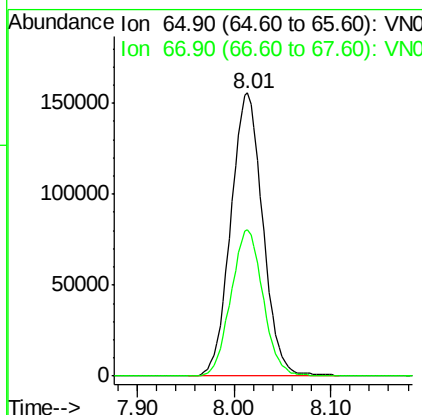
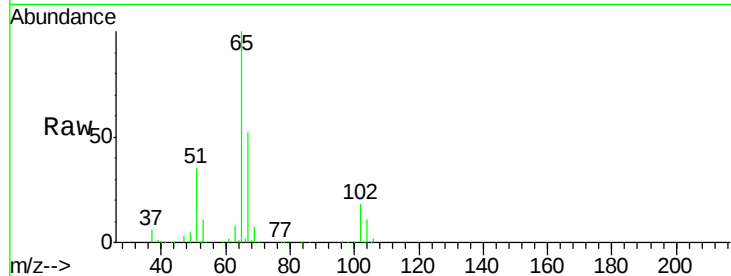




#33
 1,2-Dichloroethane-d4
 Concen: 46.628 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058145.D
 Acq: 17 Sep 2019 13:34

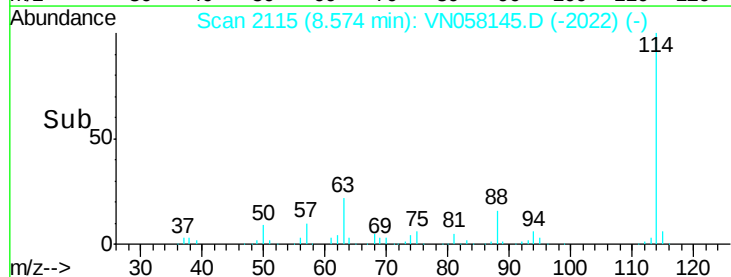
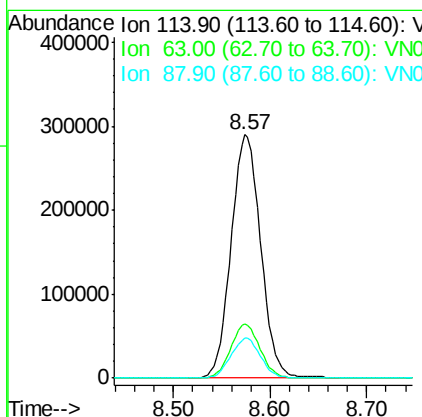
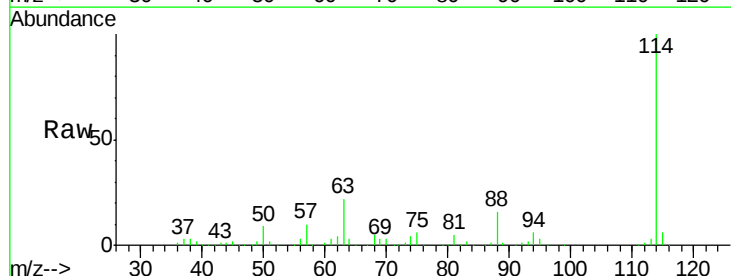
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

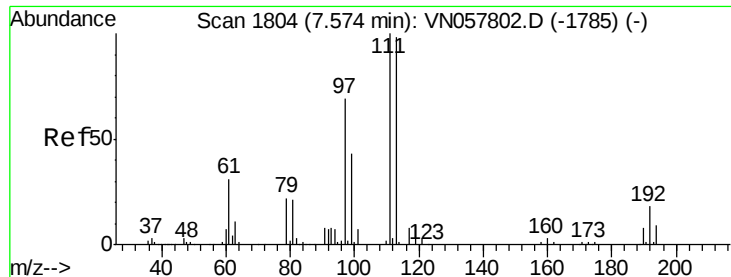
Tot Ion: 65 Resp: 358135
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058145.D
 Acq: 17 Sep 2019 13:34

Tgt Ion: 114 Resp: 616843
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.0
 88 16.2 0.0 31.4

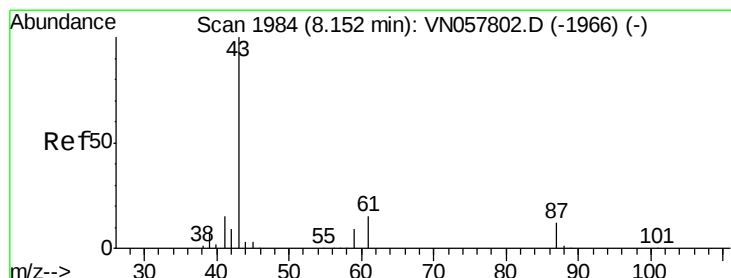
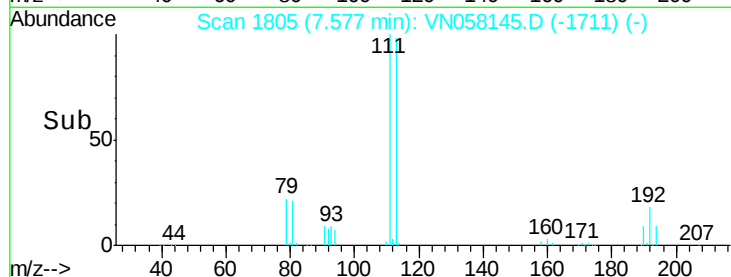
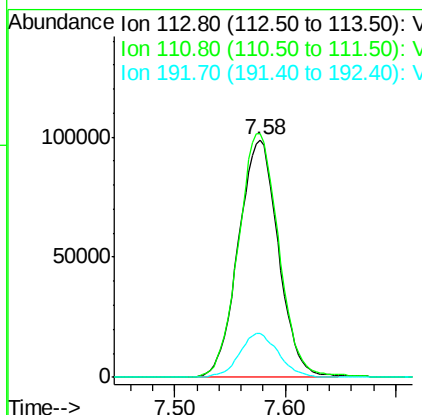
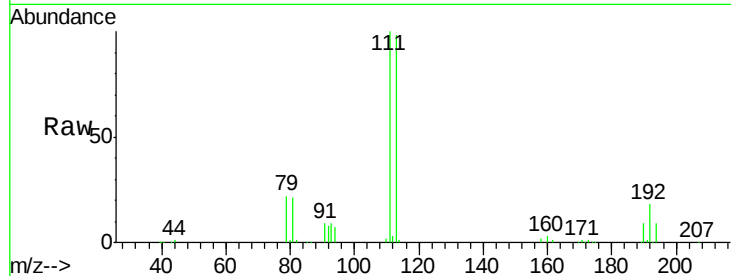




#35
 Dibromofluoromethane
 Concen: 43.631 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058145.D
 Acq: 17 Sep 2019 13:34

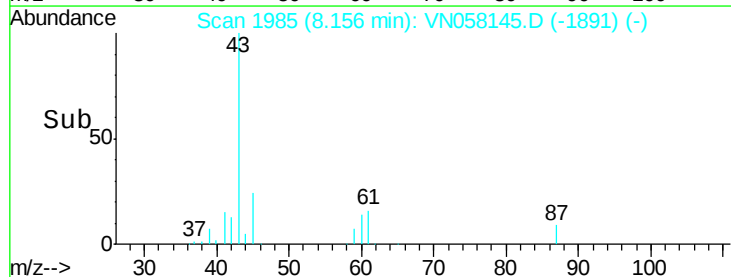
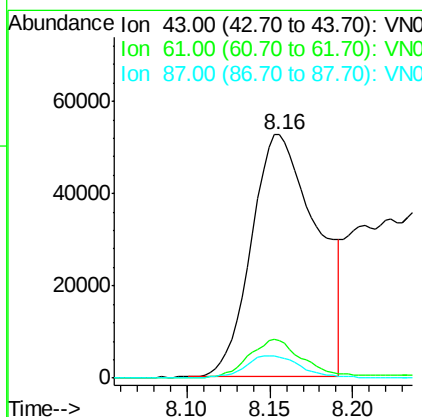
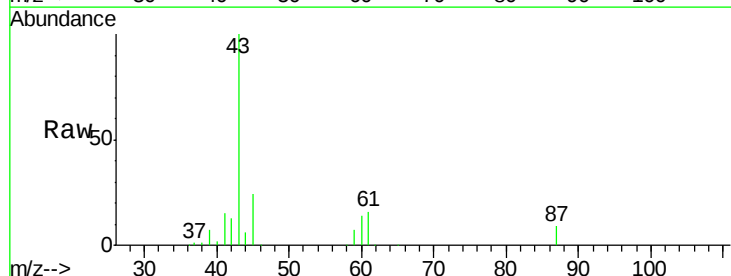
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

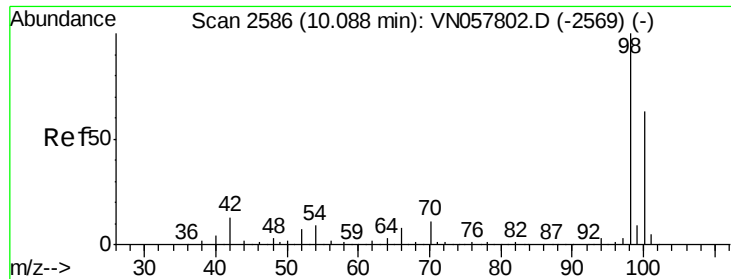
Tot Ion:113 Resp: 248401
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.3 121.9
 192 18.3 14.6 22.0



#43
 Isopropyl Acetate
 Concen: 11.642 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN058145.D
 Acq: 17 Sep 2019 13:34

Tgt Ion: 43 Resp: 144705
 Ion Ratio Lower Upper
 43 100
 61 13.7 20.1 30.1#
 87 7.8 9.5 14.3#





#50

Toluene-d8

Concen: 43.903 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058145.D

Acq: 17 Sep 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

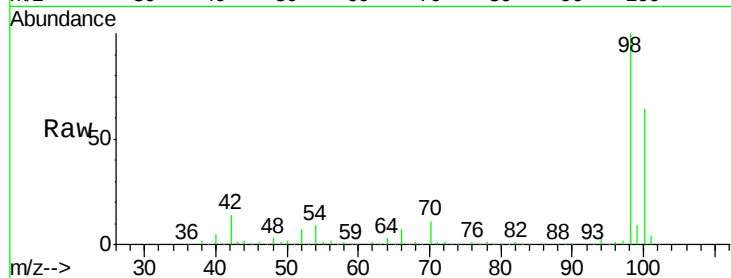
DRUM-COMP

Tot Ion: 98 Resp: 970429

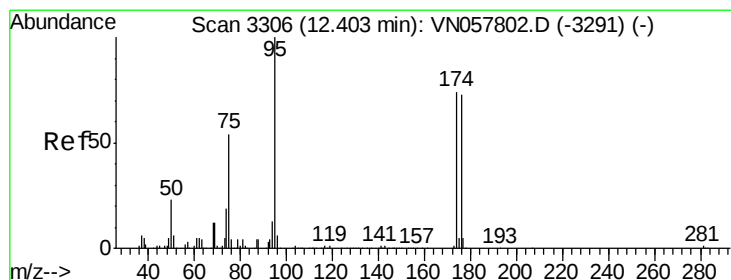
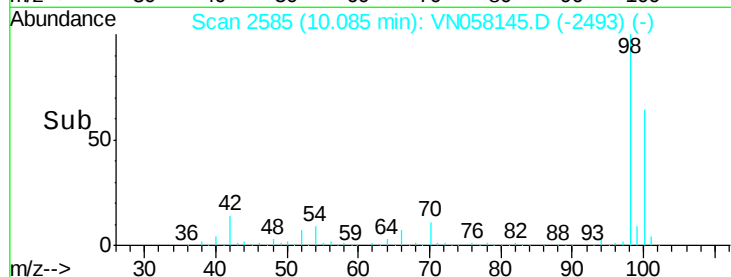
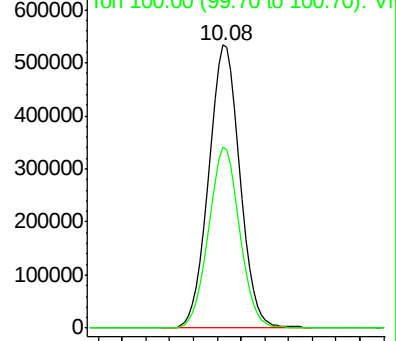
Ion Ratio Lower Upper

98 100

100 63.6 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: 40.968 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058145.D

Acq: 17 Sep 2019 13:34

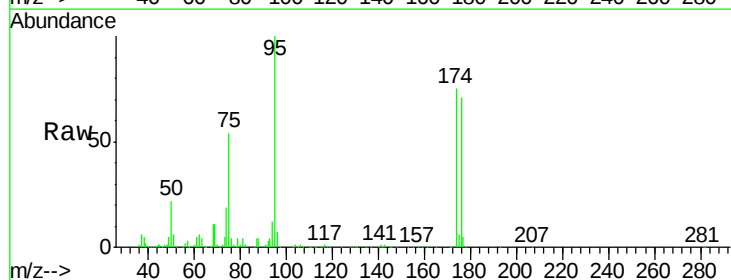
Tgt Ion: 95 Resp: 345098

Ion Ratio Lower Upper

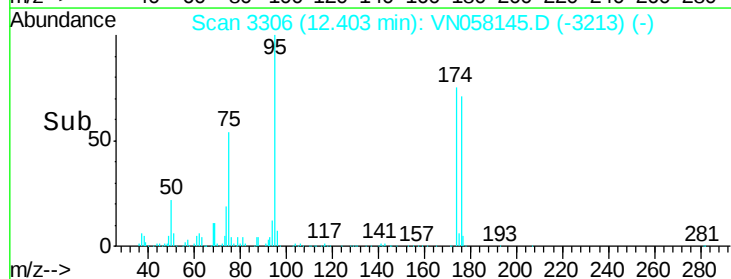
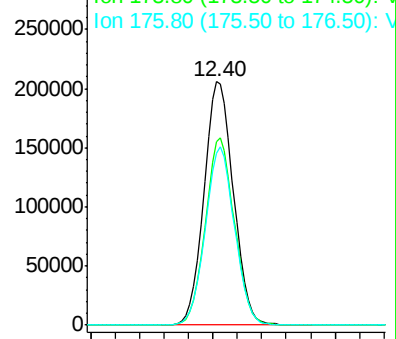
95 100

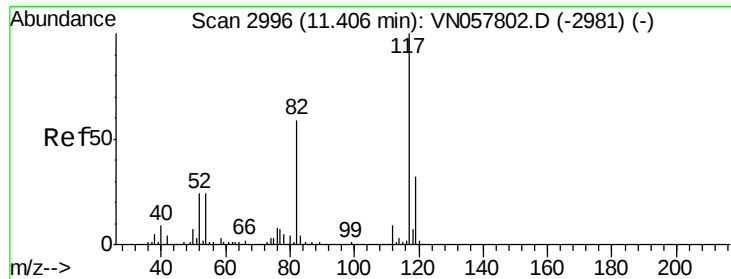
174 75.6 0.0 150.2

176 72.8 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

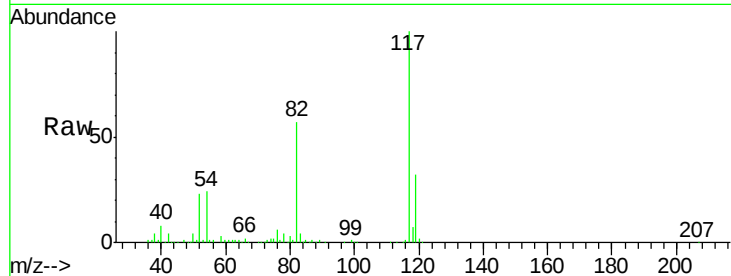




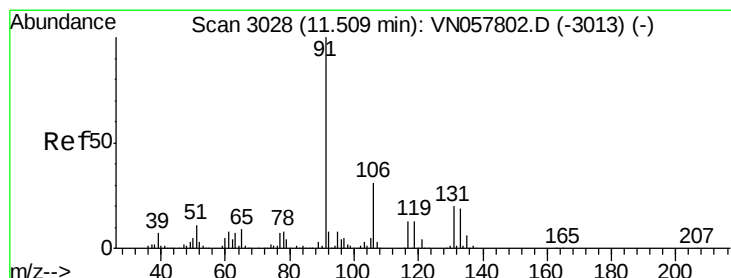
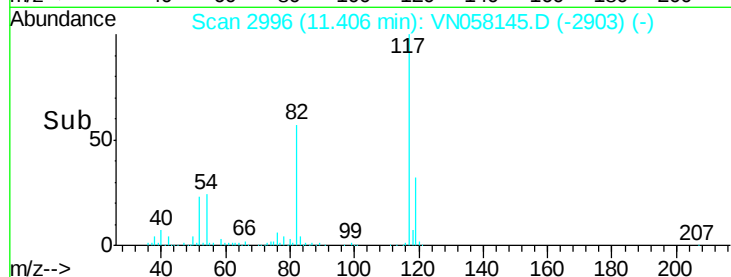
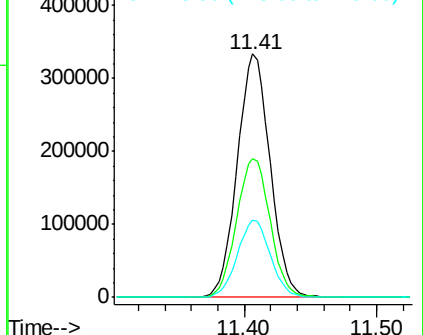
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058145.D
Acq: 17 Sep 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

Tot Ion:117 Resp: 575250
Ion Ratio Lower Upper
117 100
82 57.2 47.2 70.8
119 31.5 25.3 37.9

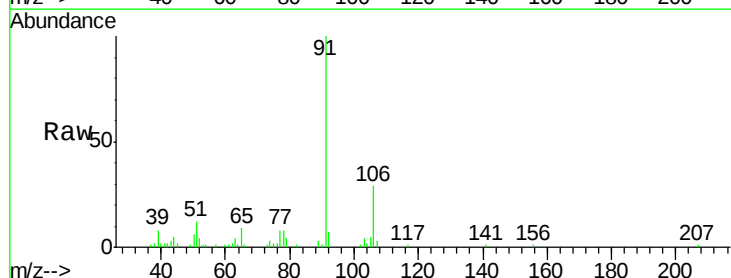


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

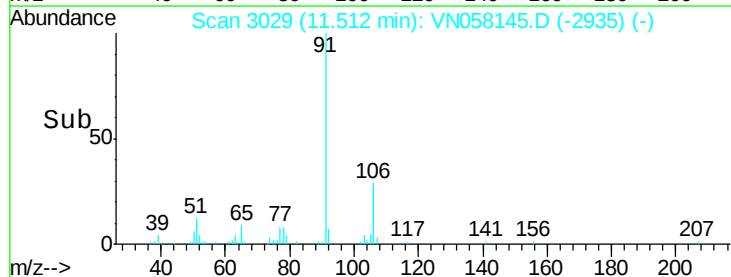
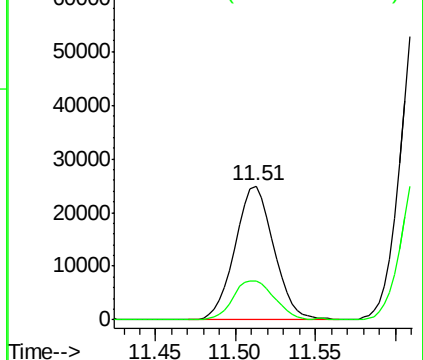


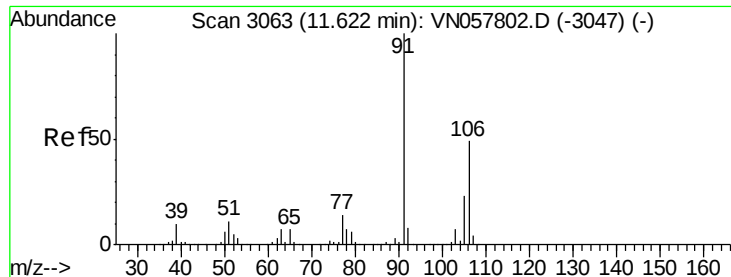
#67
Ethyl Benzene
Concen: 1.566 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058145.D
Acq: 17 Sep 2019 13:34

Tgt Ion: 91 Resp: 41321
Ion Ratio Lower Upper
91 100
106 29.1 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

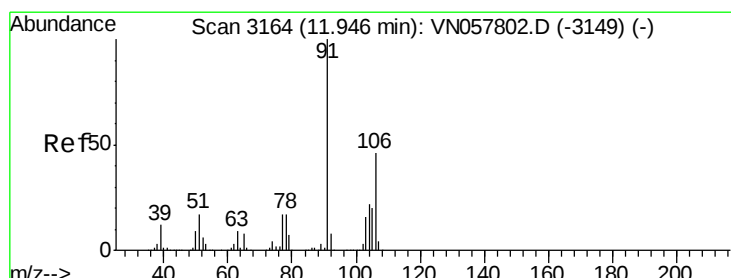
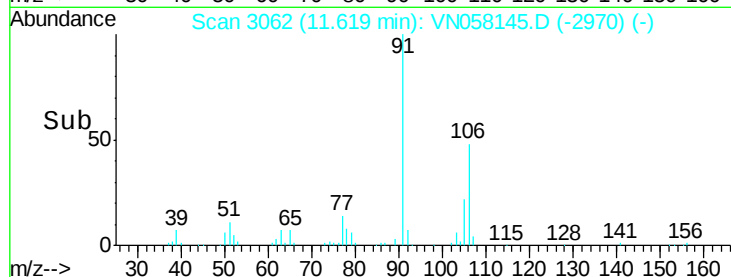
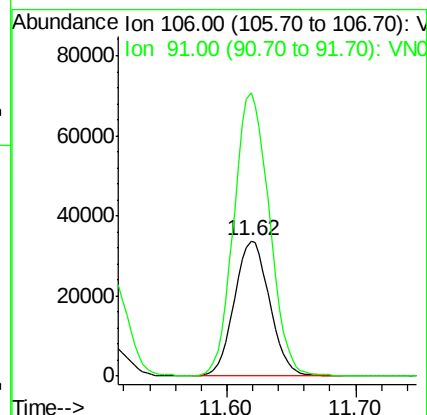
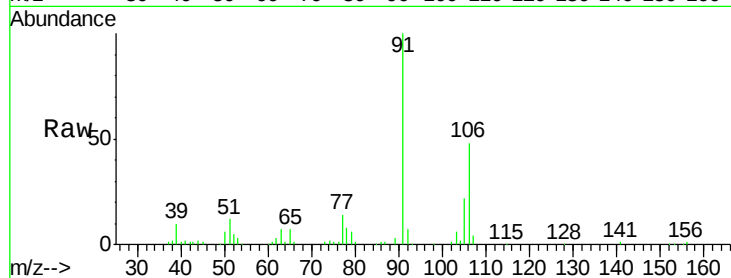




#68
m/p-Xylenes
Concen: 6.638 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058145.D
Acq: 17 Sep 2019 13:34

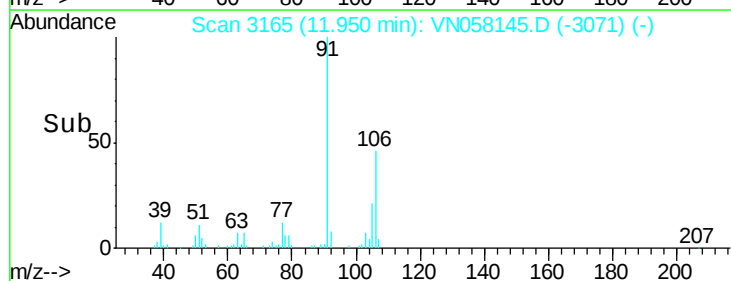
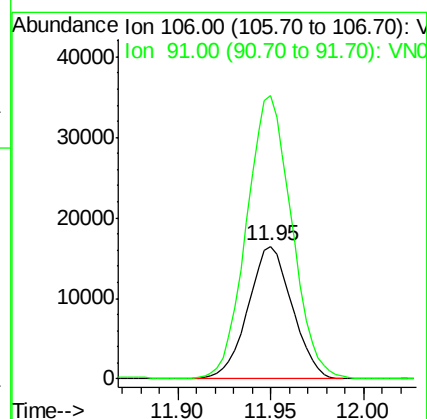
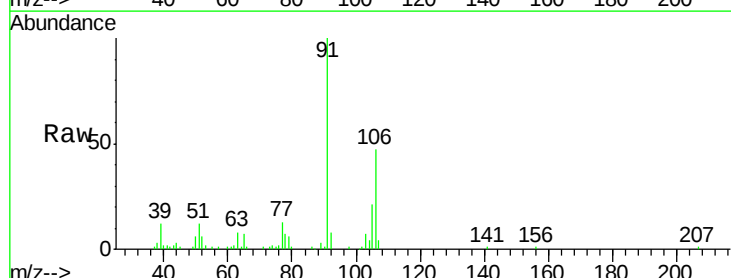
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

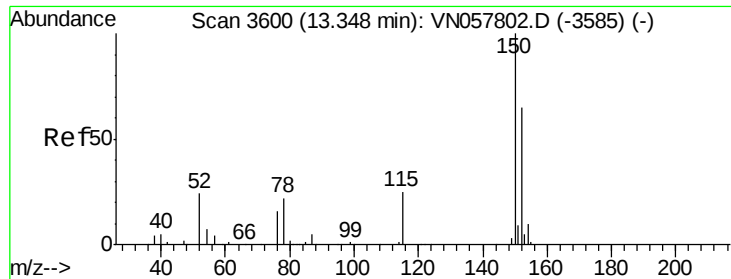
Tot Ion:106 Resp: 64154
Ion Ratio Lower Upper
106 100
91 211.4 165.8 248.6



#69
o-Xylene
Concen: 2.836 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058145.D
Acq: 17 Sep 2019 13:34

Tgt Ion:106 Resp: 27245
Ion Ratio Lower Upper
106 100
91 217.6 108.7 326.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058145.D

Acq: 17 Sep 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP

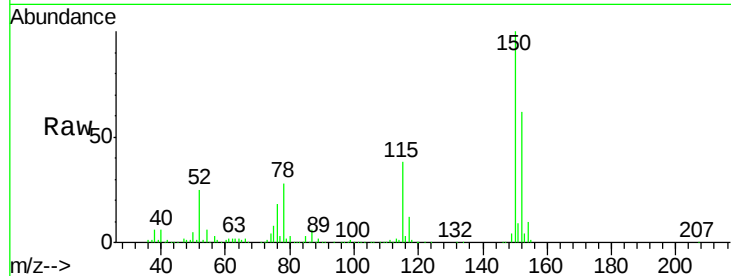
Tot Ion:152 Resp: 320808

Ion Ratio Lower Upper

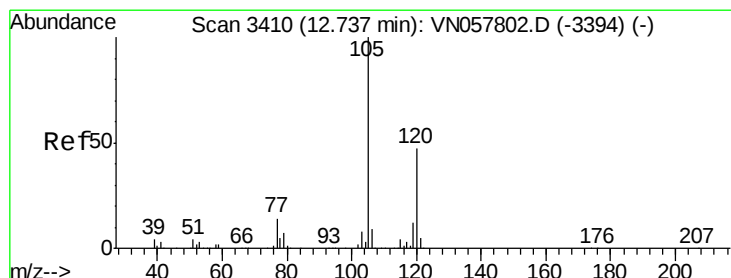
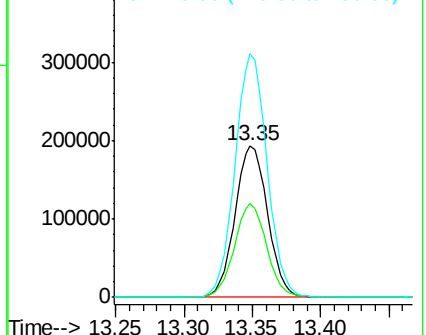
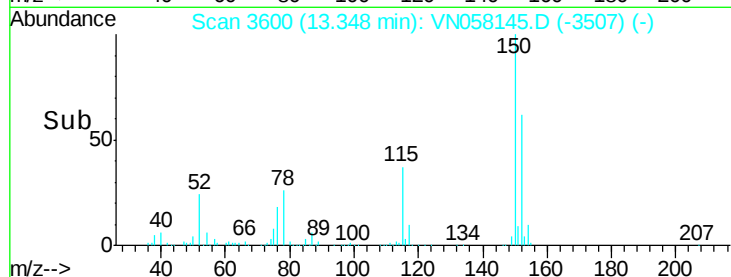
152 100

115 60.7 30.3 91.0

150 158.3 0.0 352.4



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: 2.218 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058145.D

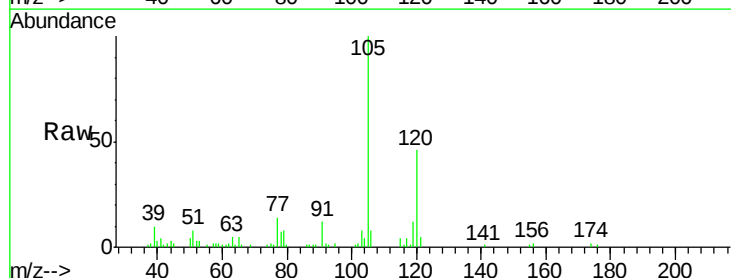
Acq: 17 Sep 2019 13:34

Tgt Ion:105 Resp: 46660

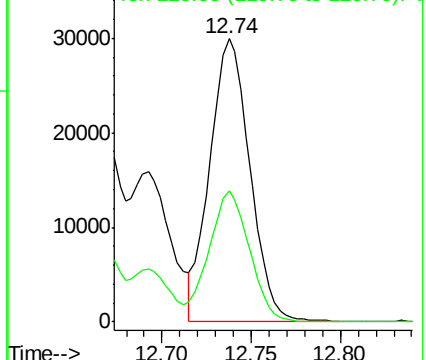
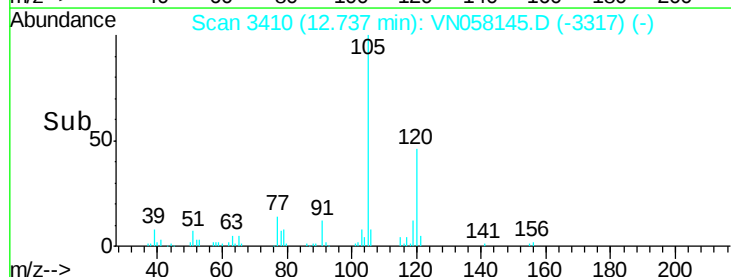
Ion Ratio Lower Upper

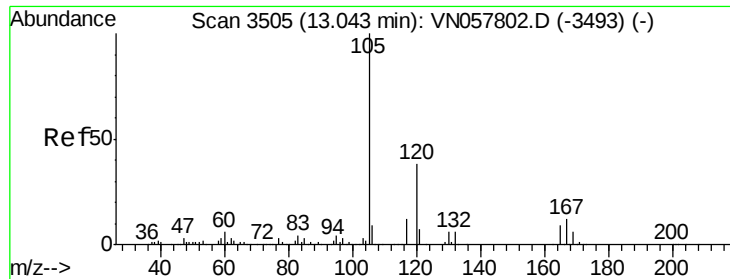
105 100

120 46.9 23.7 71.1



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: 8.932 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058145.D

Acq: 17 Sep 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

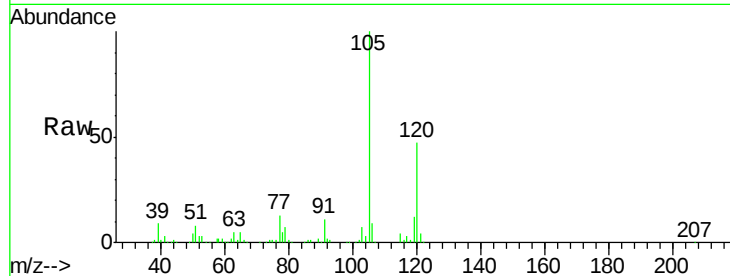
DRUM-COMP

Tot Ion:105 Resp: 190954

Ion Ratio Lower Upper

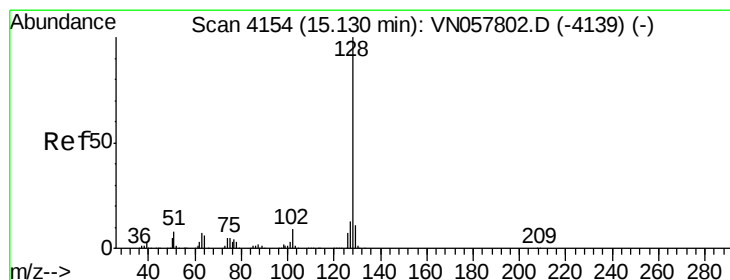
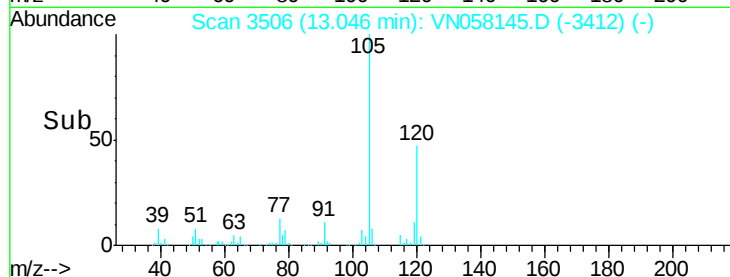
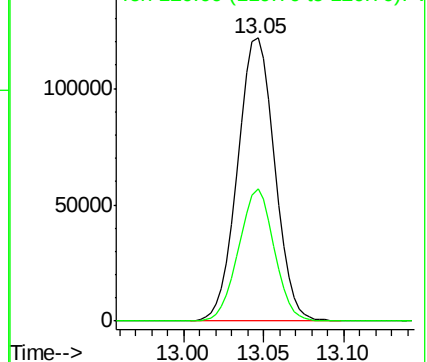
105 100

120 44.9 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 4.658 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058145.D

Acq: 17 Sep 2019 13:34

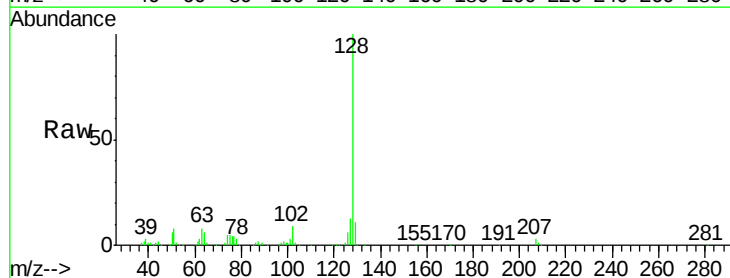
Tgt Ion:128 Resp: 114239

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

