

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\
 Data File : VN058170.D
 Acq On : 18 Sep 2019 18:21
 Operator : JC/SP
 Sample : K4942-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Quant Time: Sep 19 16:36:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	531736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	868358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	746409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	299789	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	359227	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
35) Dibromofluoromethane	7.58	113	251950	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
50) Toluene-d8	10.09	98	1042438	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.41	95	335853	43.96	ug/l	0.00
Spiked Amount			Recovery	=	87.92%	

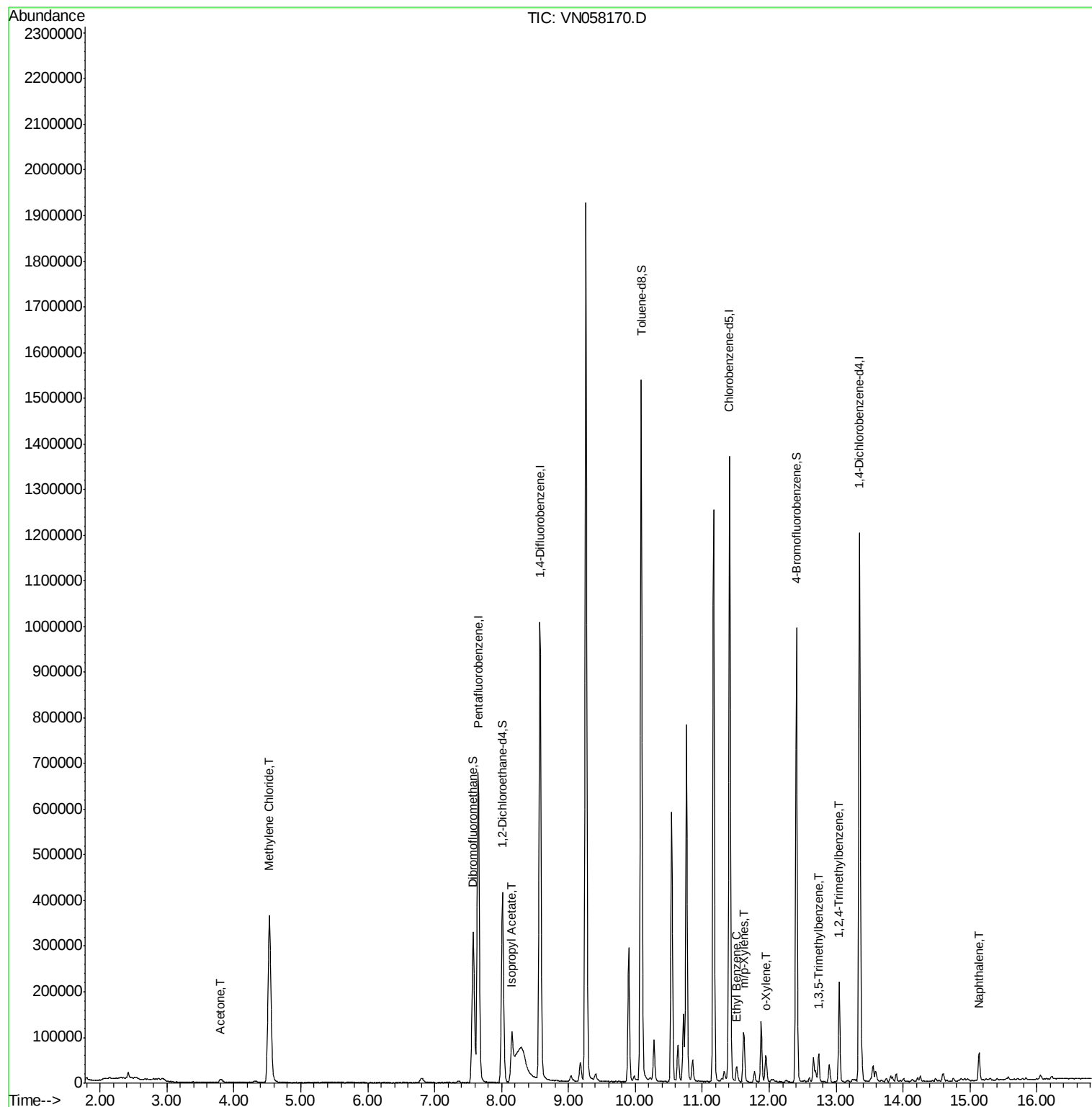
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	14008	5.572	ug/l	94
20) Methylene Chloride	4.53	84	267338	60.788	ug/l	99
43) Isopropyl Acetate	8.15	43	154899	12.762	ug/l #	84
67) Ethyl Benzene	11.51	91	22619	1.005	ug/l	96
68) m/p-Xylenes	11.62	106	32995	3.894	ug/l	95
69) o-Xylene	11.95	106	14894	1.788	ug/l	96
80) 1,3,5-Trimethylbenzene	12.74	105	33124	2.087	ug/l	97
84) 1,2,4-Trimethylbenzene	13.05	105	118402	7.498	ug/l	99
95) Naphthalene	15.14	128	48743	3.404	ug/l	99

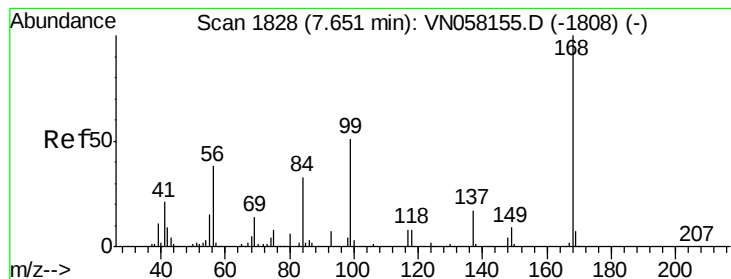
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091819\
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Instrument :
MSVOA_N
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 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: VN058170.D

Acq: 18 Sep 2019 18:21

Instrument :

MSVOA_N

ClientSampled :

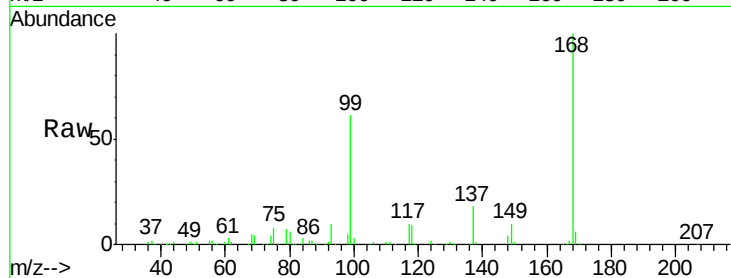
TP-5

Tot Ion:168 Resp: 531736

Ion Ratio Lower Upper

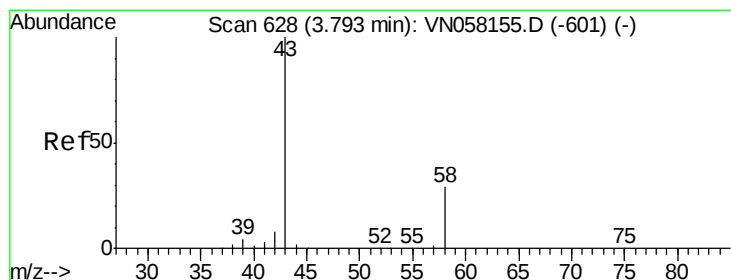
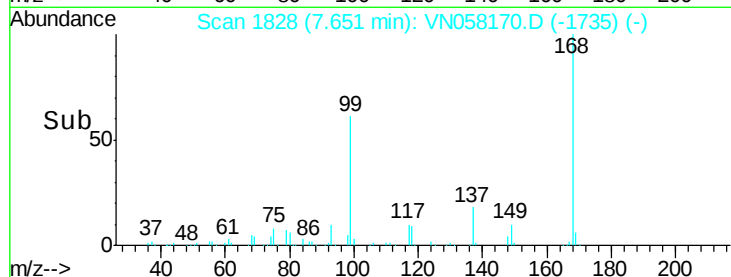
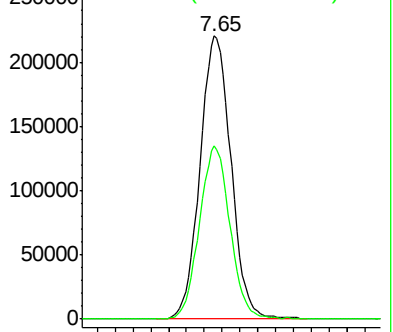
168 100

99 61.3 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.572 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058170.D

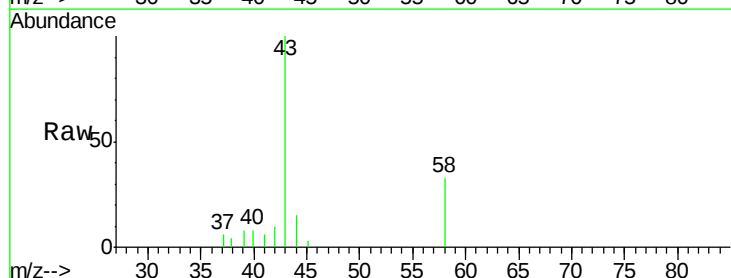
Acq: 18 Sep 2019 18:21

Tgt Ion: 43 Resp: 14008

Ion Ratio Lower Upper

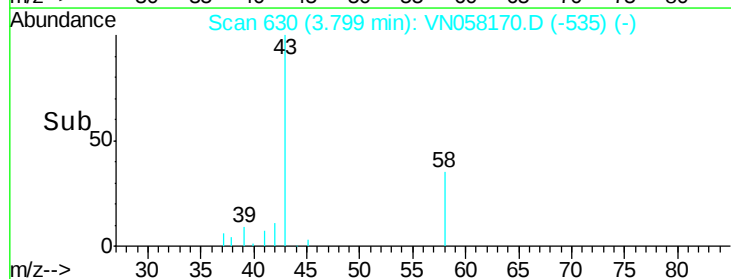
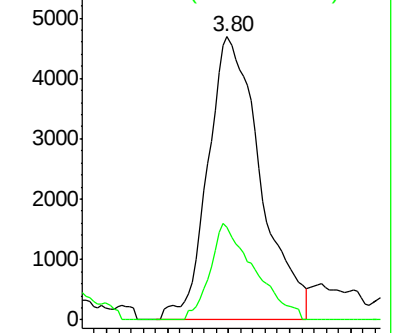
43 100

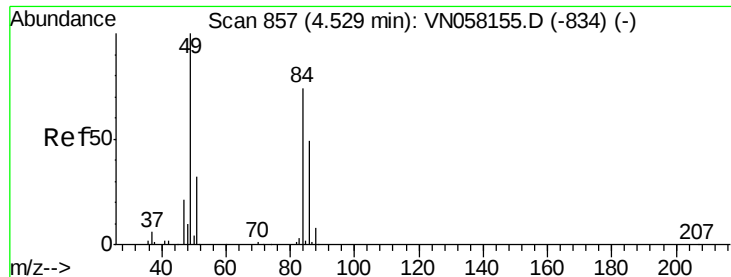
58 32.8 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

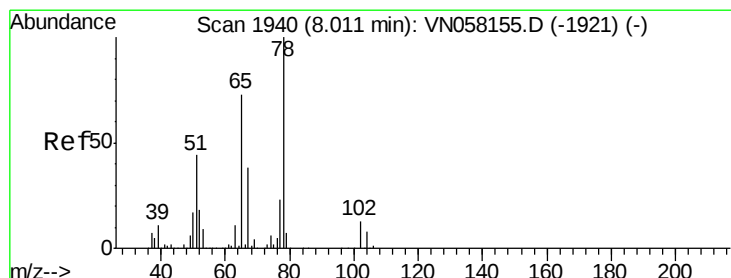
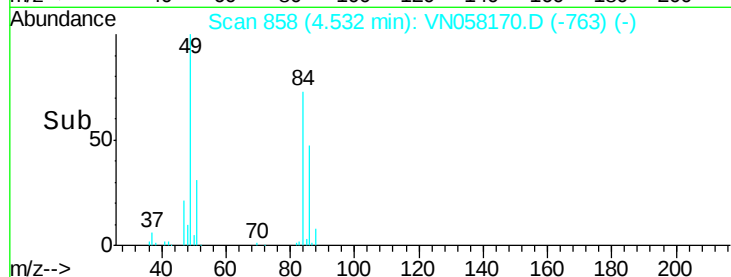
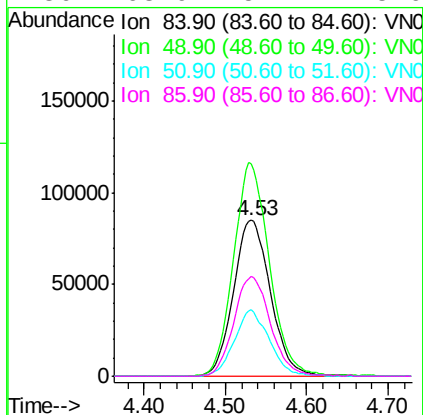
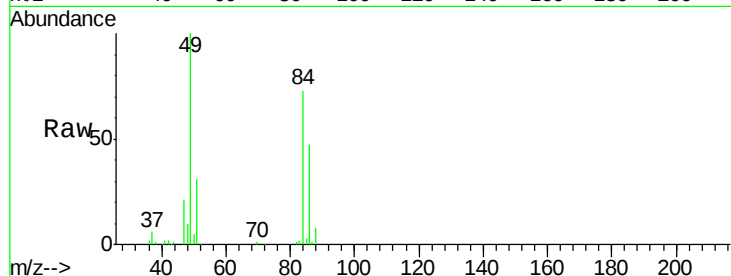




#20
Methylene Chloride
Concen: 60.788 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN058170.D
Acq: 18 Sep 2019 18:21

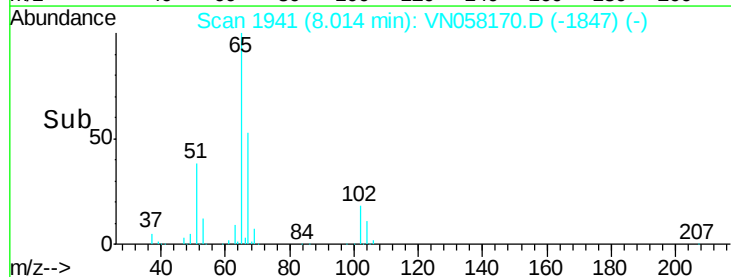
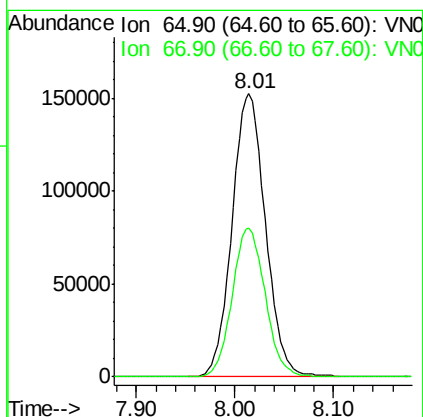
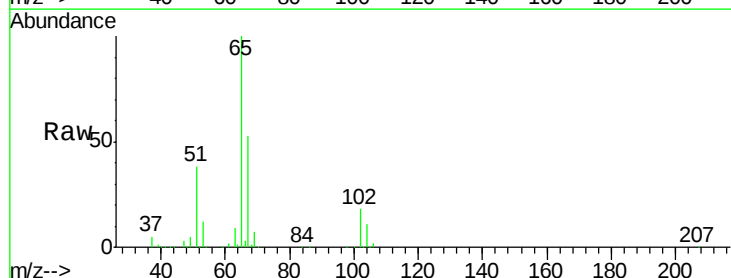
Instrument :
MSVOA_N
ClientSampled :
TP-5

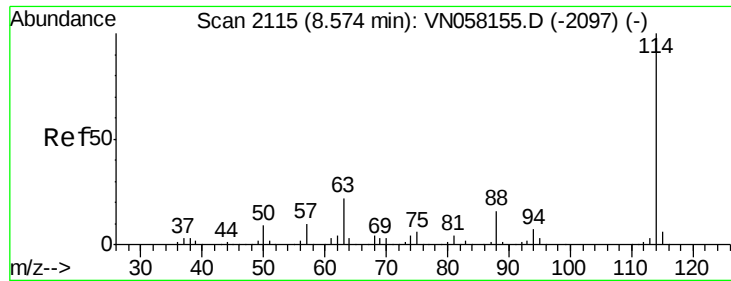
Tot Ion:	84	Resp:	267338
Ion	Ratio	Lower	Upper
84	100		
49	136.1	107.5	161.3
51	42.4	33.9	50.9
86	63.9	52.4	78.6



#33
1,2-Dichloroethane-d4
Concen: 48.505 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058170.D
Acq: 18 Sep 2019 18:21

Tgt Ion:	65	Resp:	359227
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.4

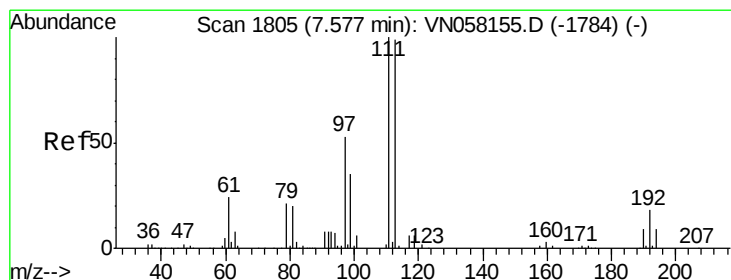
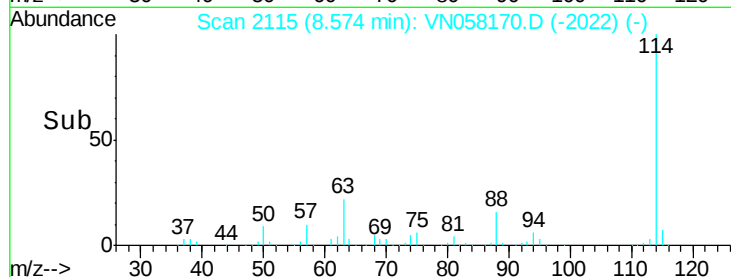
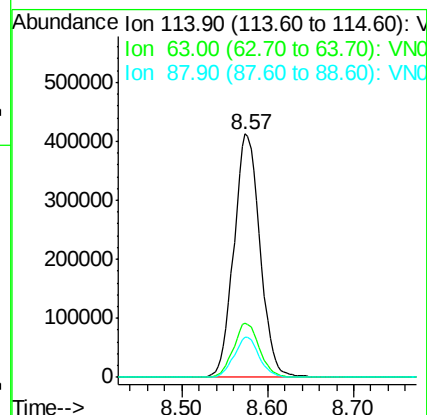
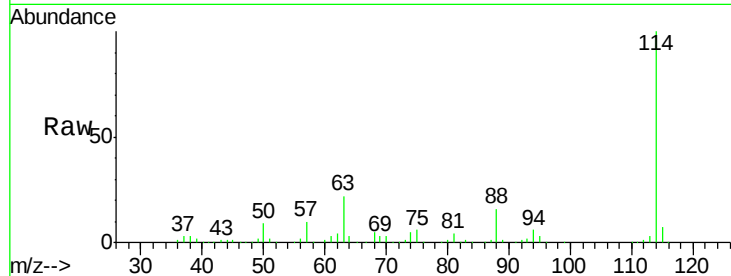




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058170.D
 Acq: 18 Sep 2019 18:21

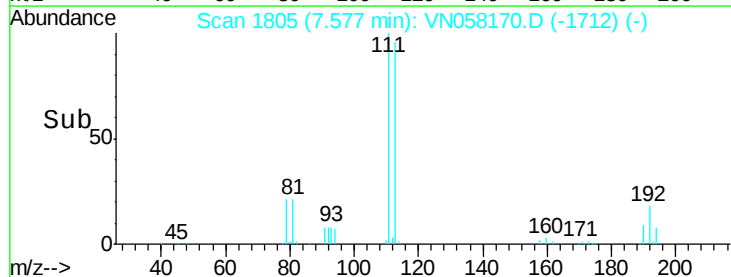
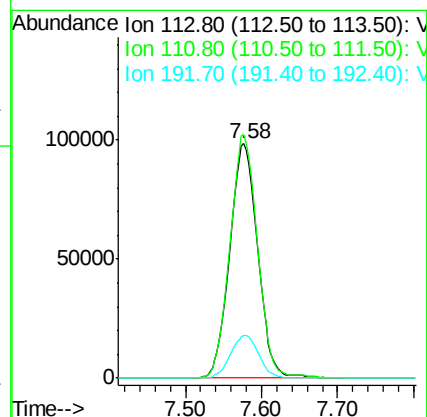
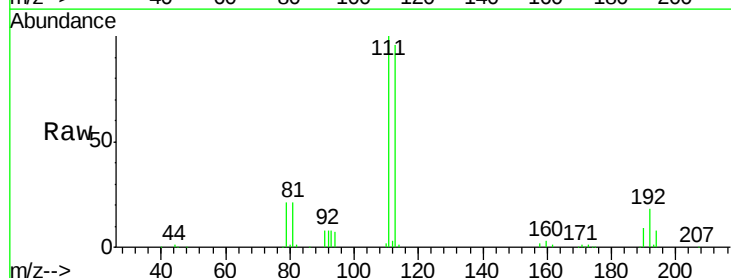
Instrument :
 MSVOA_N
 ClientSampled :
 TP-5

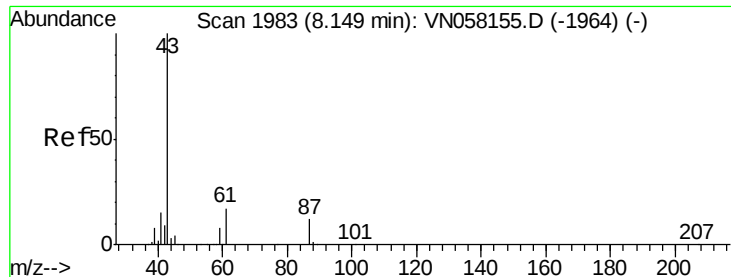
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.2
88	16.3	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 47.728 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058170.D
 Acq: 18 Sep 2019 18:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.6
192	18.1	14.5	21.7





#43

Isopropyl Acetate

Concen: 12.762 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058170.D

Acq: 18 Sep 2019 18:21

Instrument :

MSVOA_N

ClientSampled :

TP-5

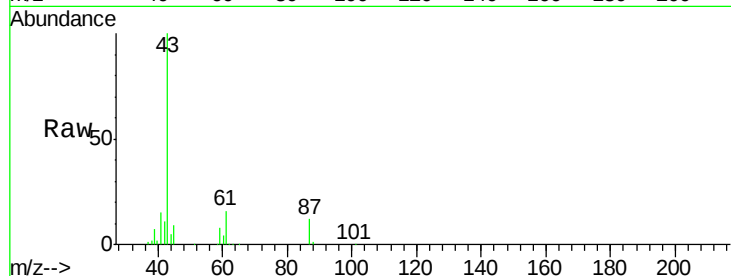
Tot Ion: 43 Resp: 154899

Ion Ratio Lower Upper

43 100

61 14.4 19.7 29.5#

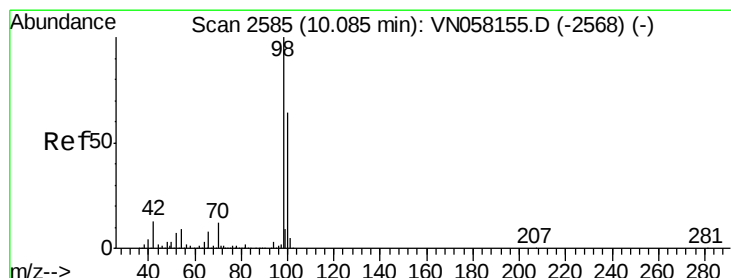
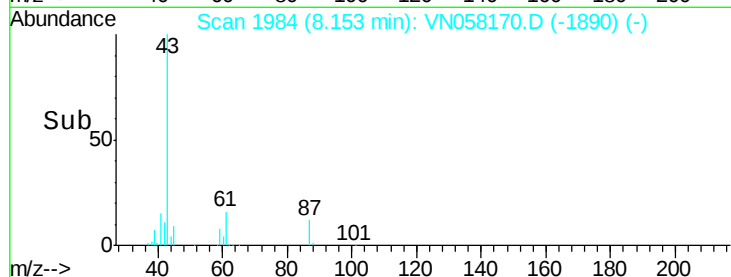
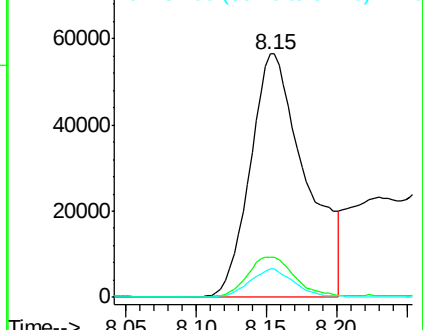
87 9.4 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VN058155.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN058155.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN058155.D (-1964) (-)



#50

Toluene-d8

Concen: 50.683 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058170.D

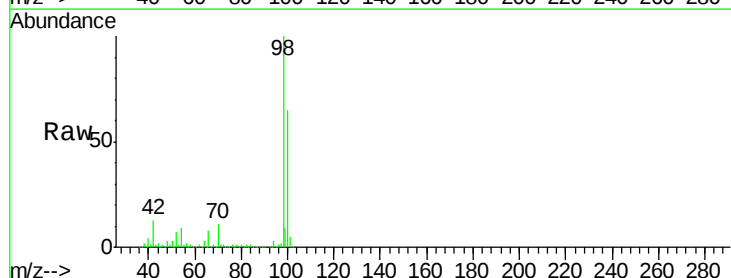
Acq: 18 Sep 2019 18:21

Tgt Ion: 98 Resp: 1042438

Ion Ratio Lower Upper

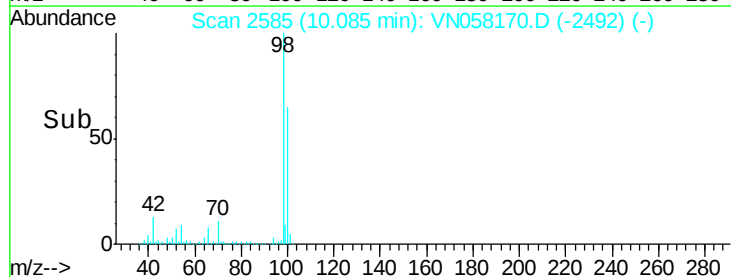
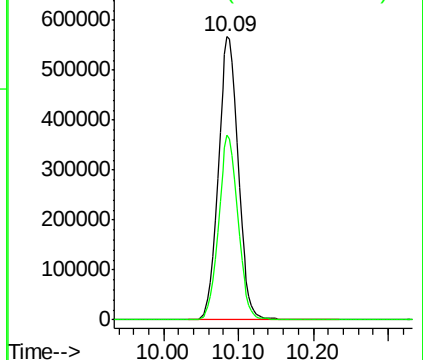
98 100

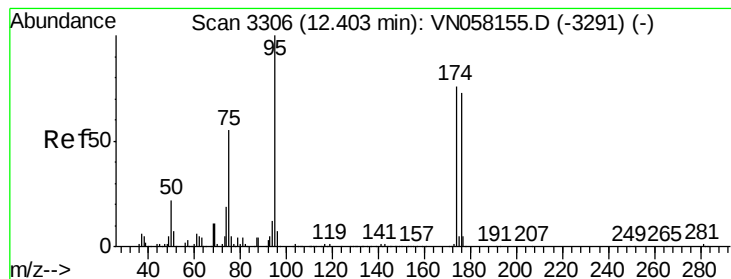
100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058155.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN058155.D (-2568) (-)





#62

4-Bromofluorobenzene

Concen: 43.959 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058170.D

Acq: 18 Sep 2019 18:21

Instrument :

MSVOA_N

ClientSampled :

TP-5

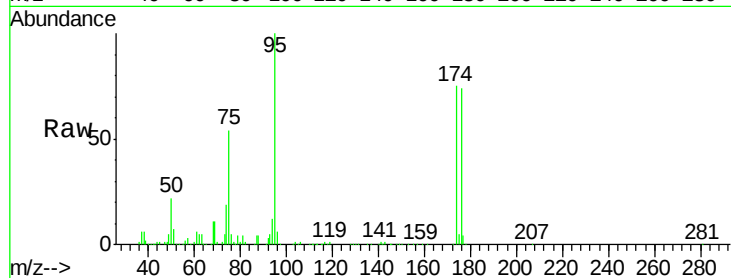
Tot Ion: 95 Resp: 335853

Ion Ratio Lower Upper

95 100

174 75.8 0.0 152.2

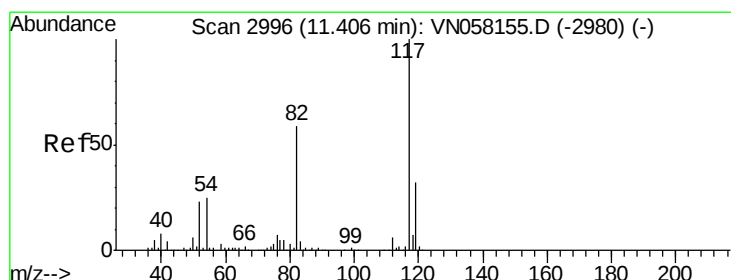
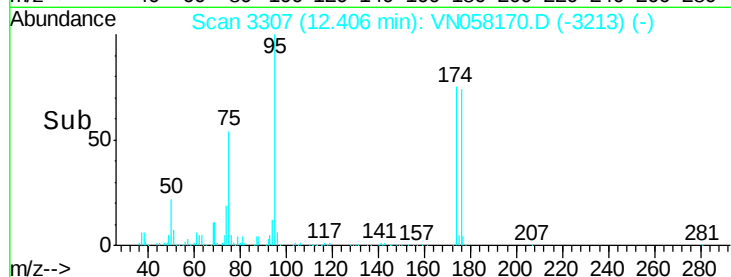
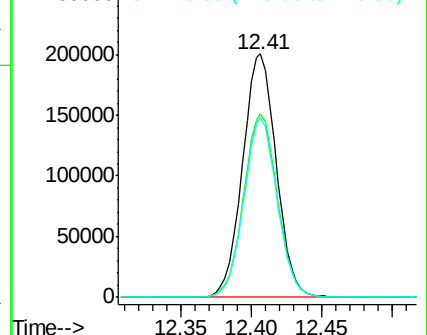
176 73.1 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058155.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058155.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058155.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058170.D

Acq: 18 Sep 2019 18:21

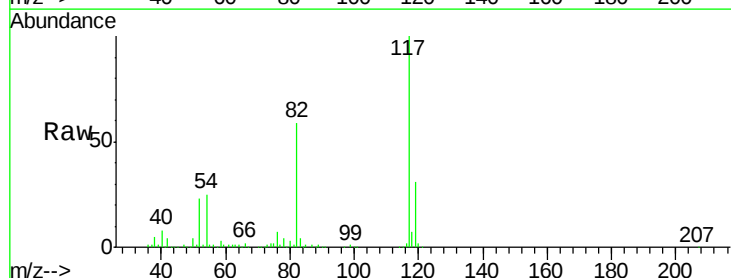
Tgt Ion: 117 Resp: 746409

Ion Ratio Lower Upper

117 100

82 59.2 46.9 70.3

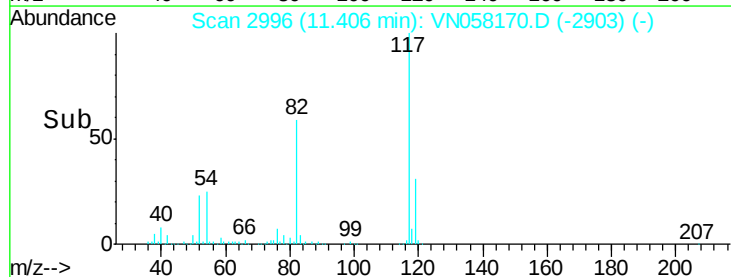
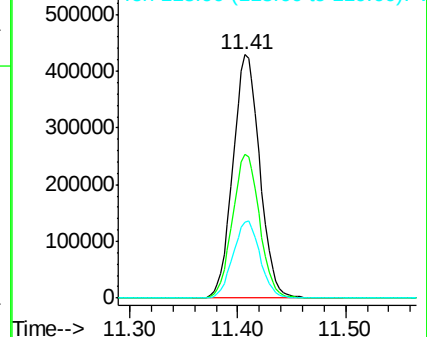
119 31.3 25.3 37.9

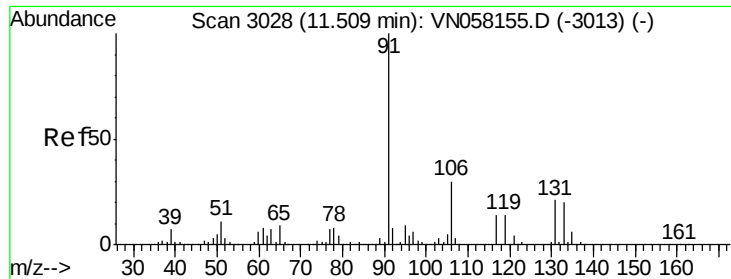


Abundance Ion 116.90 (116.60 to 117.60): VN058155.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058155.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058155.D (-2980) (-)

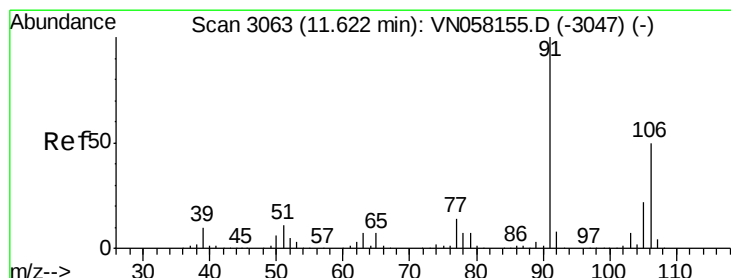
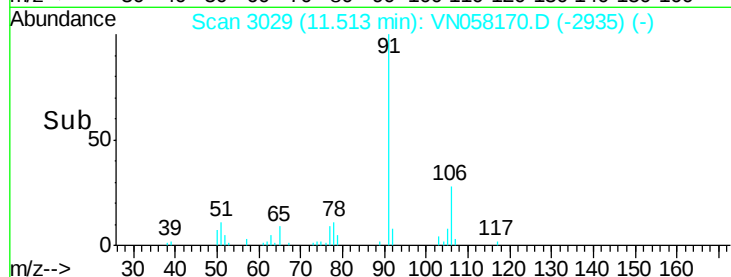
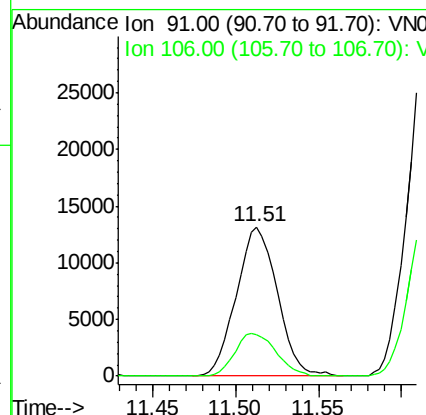
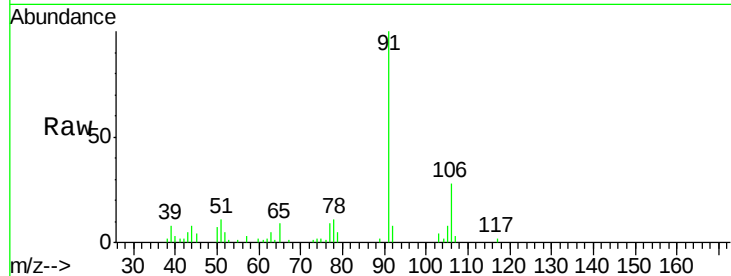




#67
Ethyl Benzene
Concen: 1.005 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058170.D
Acq: 18 Sep 2019 18:21

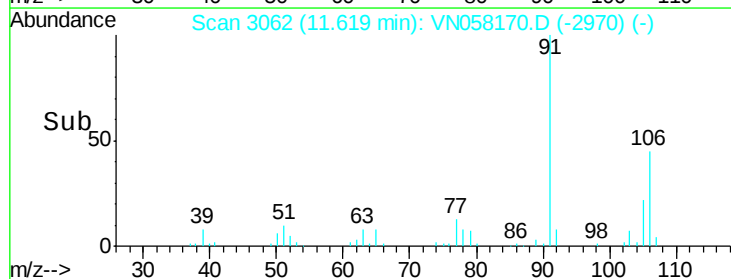
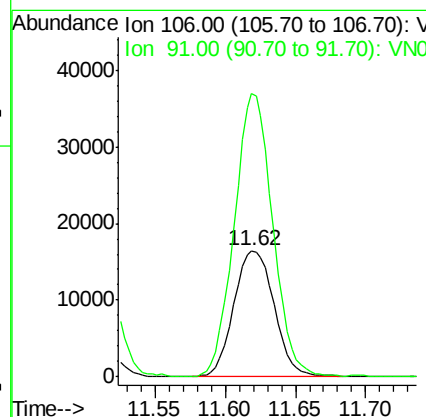
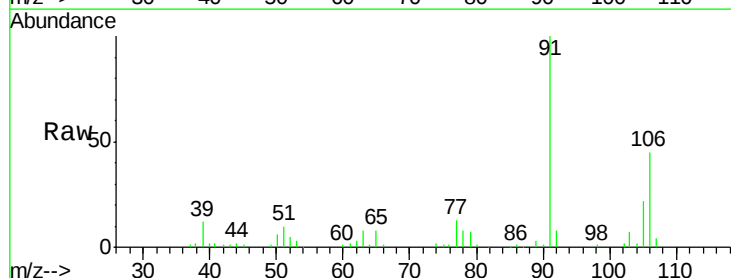
Instrument :
MSVOA_N
ClientSampled :
TP-5

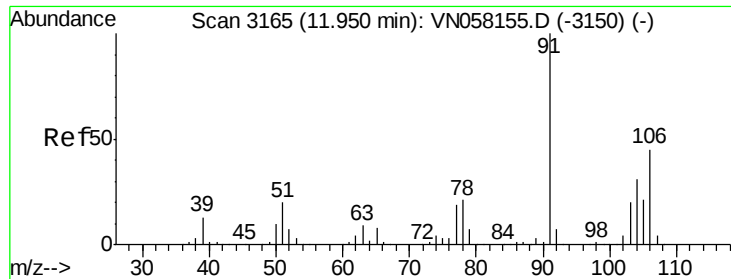
Tot Ion: 91 Resp: 22619
Ion Ratio Lower Upper
91 100
106 27.6 24.0 36.0



#68
m/p-Xylenes
Concen: 3.894 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058170.D
Acq: 18 Sep 2019 18:21

Tgt Ion: 106 Resp: 32995
Ion Ratio Lower Upper
106 100
91 212.9 163.6 245.4

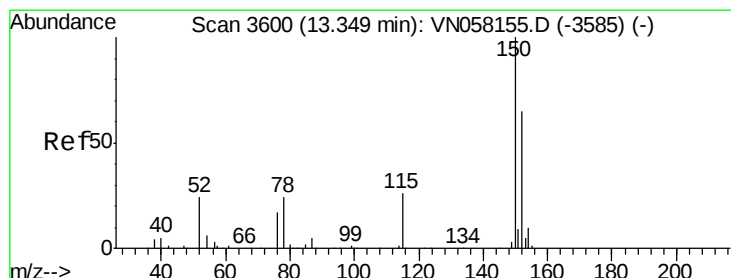
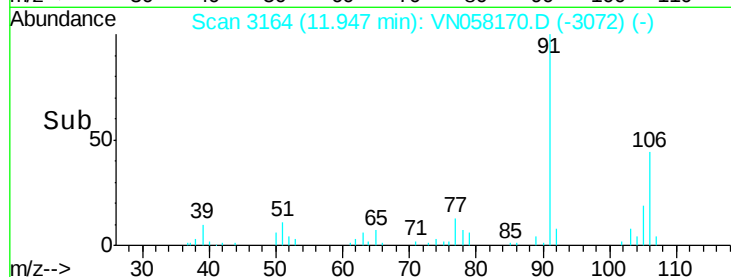
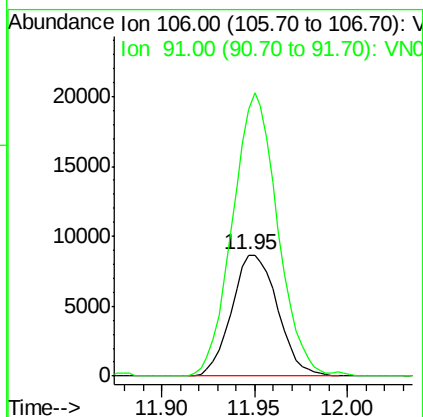
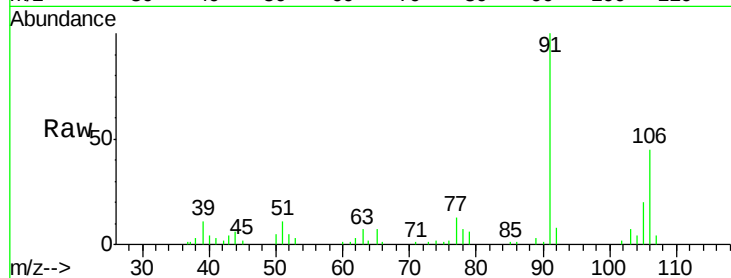




#69
o-Xylene
Concen: 1.788 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN058170.D
Acq: 18 Sep 2019 18:21

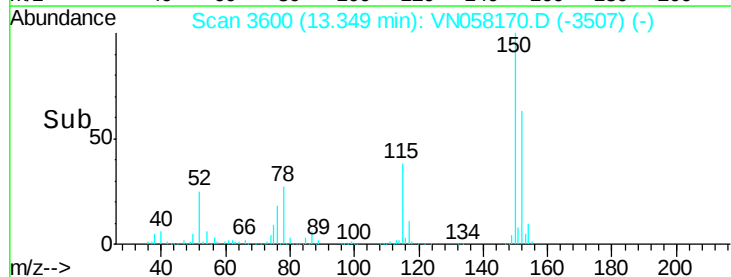
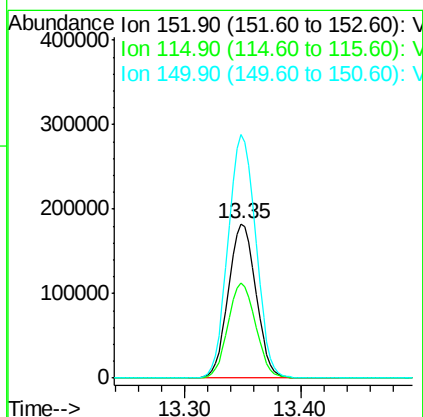
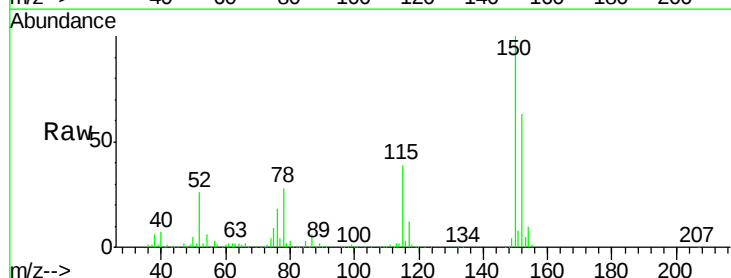
Instrument :
MSVOA_N
ClientSampled :
TP-5

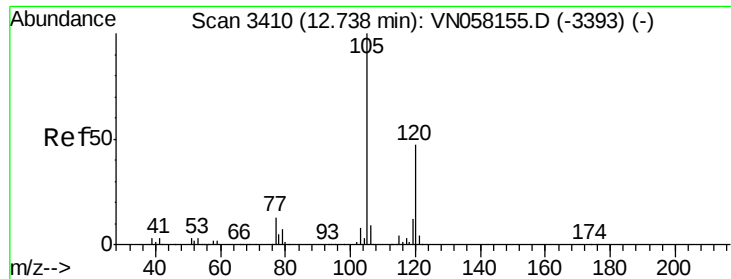
Tot Ion:106 Resp: 14894
Ion Ratio Lower Upper
106 100
91 229.8 111.8 335.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058170.D
Acq: 18 Sep 2019 18:21

Tgt Ion:152 Resp: 299789
Ion Ratio Lower Upper
152 100
115 62.1 30.1 90.3
150 158.9 0.0 346.4





#80

1,3,5-Trimethylbenzene

Concen: 2.087 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058170.D

Acq: 18 Sep 2019 18:21

Instrument :

MSVOA_N

ClientSampleId :

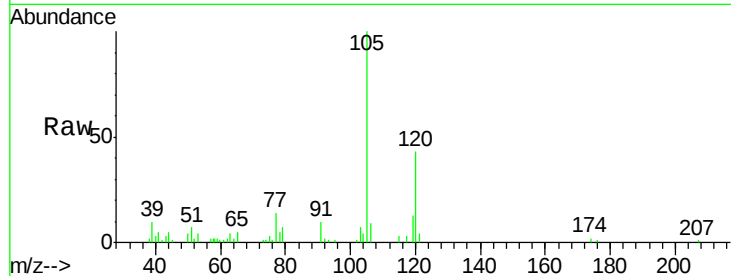
TP-5

Tot Ion:105 Resp: 33124

Ion Ratio Lower Upper

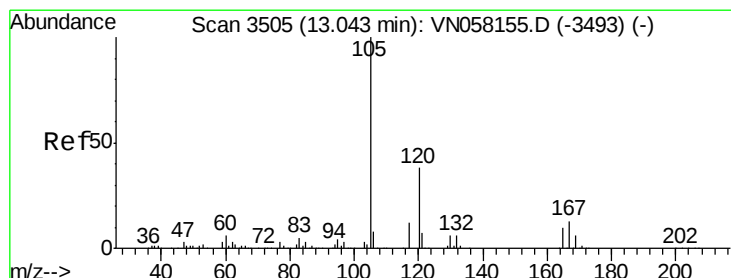
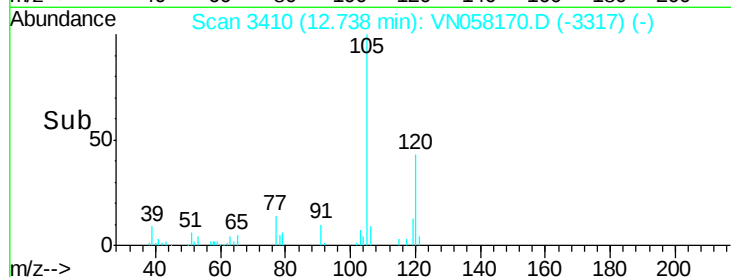
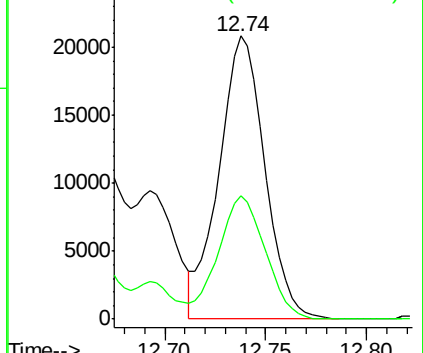
105 100

120 44.4 23.4 70.0



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: 7.498 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058170.D

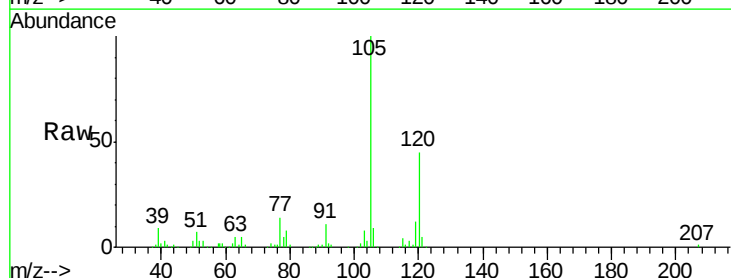
Acq: 18 Sep 2019 18:21

Tgt Ion:105 Resp: 118402

Ion Ratio Lower Upper

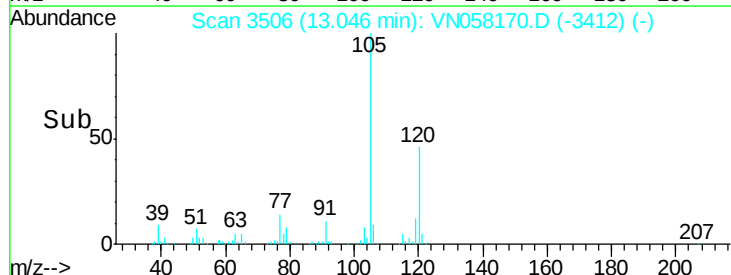
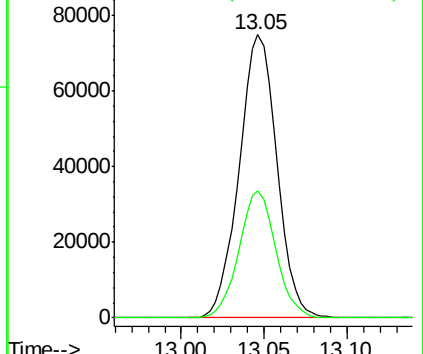
105 100

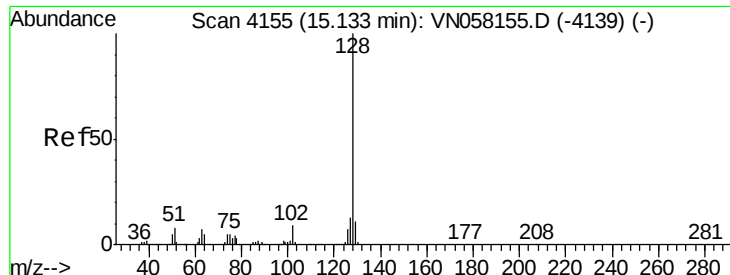
120 43.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

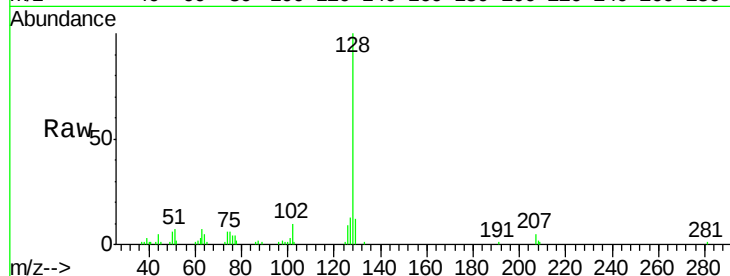




#95
Naphthalene
Concen: 3.404 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058170.D
Acq: 18 Sep 2019 18:21

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.2
129	11.2	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

