

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092619\
 Data File : VN058387.D
 Acq On : 26 Sep 2019 15:42
 Operator : JC/SP
 Sample : K5049-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

Quant Time: Sep 27 04:51:06 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	7.64	168	516401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	828632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	659659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	261532	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	364017	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	
35) Dibromofluoromethane	7.57	113	241011	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	
50) Toluene-d8	10.08	98	1019398	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.41	95	303495	41.63	ug/l	0.00
Spiked Amount			Recovery	=	83.26%	

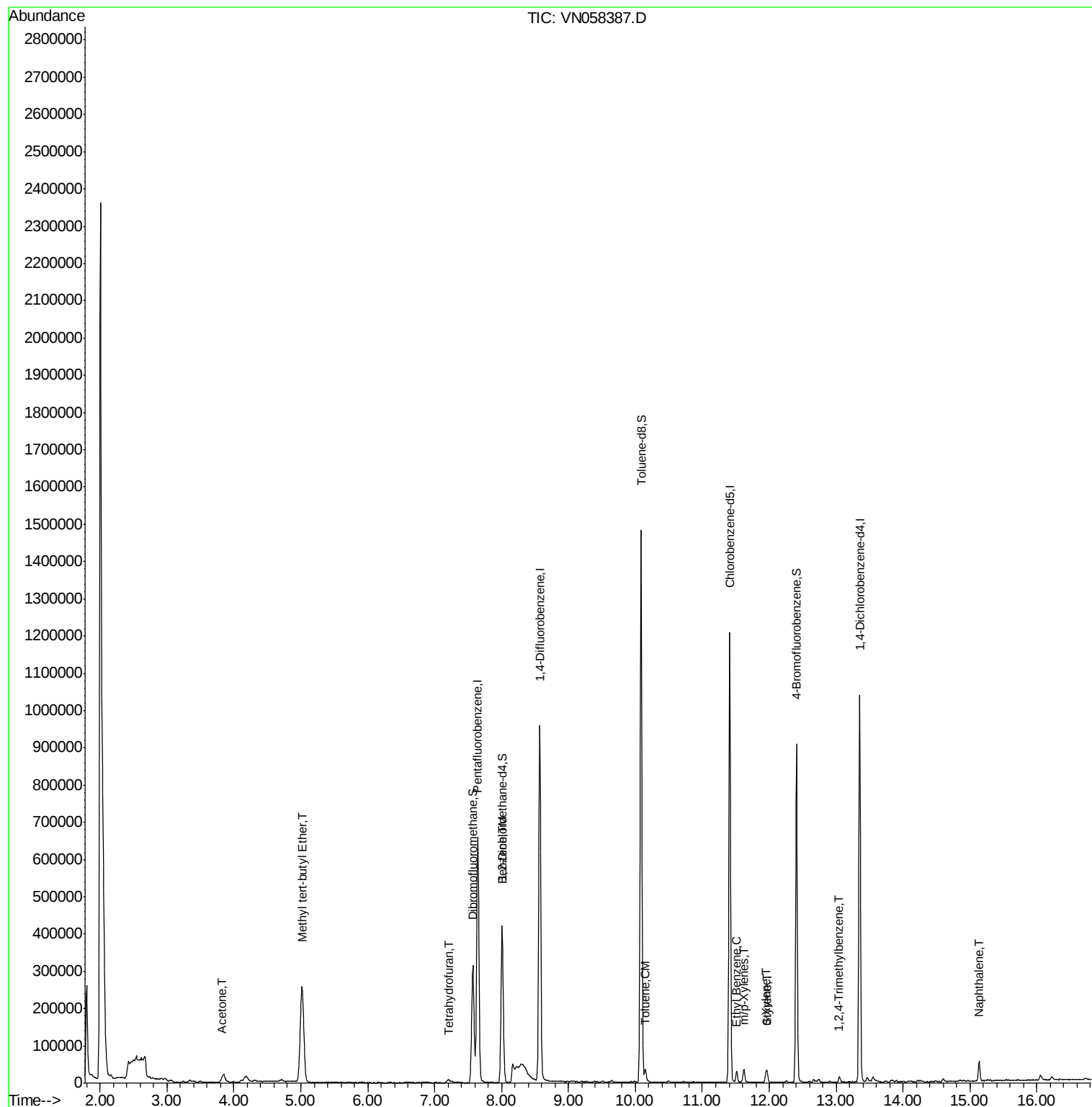
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.81	43	15432	6.321	ug/l	98
19) Methyl tert-butyl Ether	5.02	73	435125	27.634	ug/l	99
29) Tetrahydrofuran	7.20	42	8166	3.986	ug/l	92
40) Benzene	8.02	78	11979	0.656	ug/l	93
52) Toluene	10.15	92	13003	1.137	ug/l	98
67) Ethyl Benzene	11.51	91	20878	1.050	ug/l	100
68) m/p-Xylenes	11.62	106	10584	1.413	ug/l	93
69) o-Xylene	11.95	106	6495	0.882	ug/l	90
70) Styrene	11.97	104	12009	0.947	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	9999	0.726	ug/l	93
95) Naphthalene	15.14	128	43467	3.479	ug/l	100

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

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MW-8

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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: 7.64 min Scan# 1826

Delta R.T. -0.01 min

Lab File: VN058387.D

Acq: 26 Sep 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

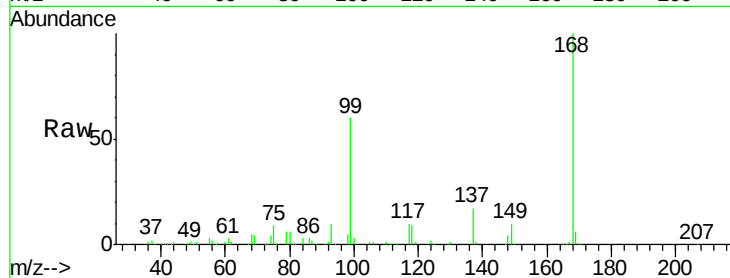
MW-8

Tot Ion:168 Resp: 516401

Ion Ratio Lower Upper

168 100

99 60.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN058387.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN058387.D (-1735) (-)

7.64

250000

200000

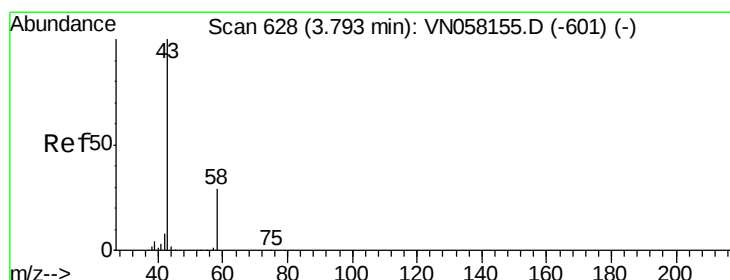
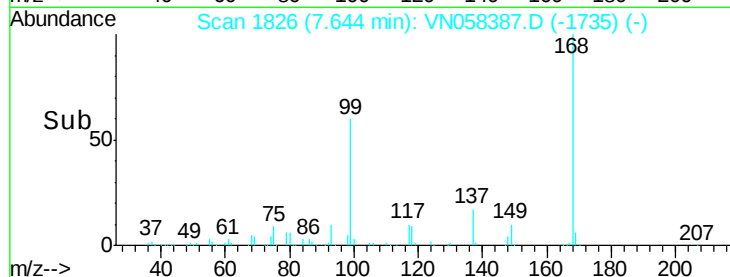
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.321 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.02 min

Lab File: VN058387.D

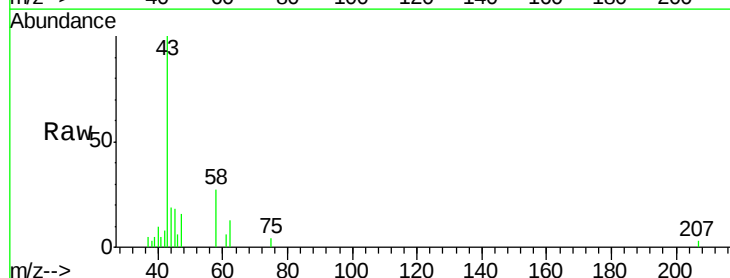
Acq: 26 Sep 2019 15:42

Tgt Ion: 43 Resp: 15432

Ion Ratio Lower Upper

43 100

58 28.5 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN058387.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN058387.D (-535) (-)

3.81

6000

5000

4000

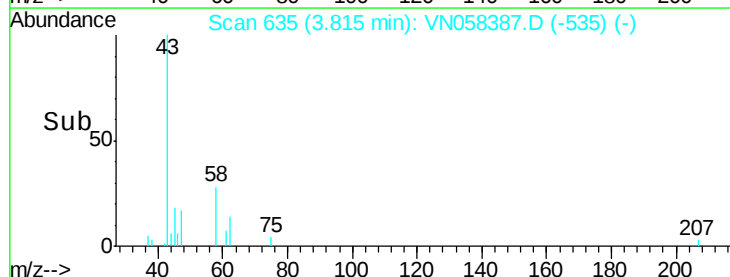
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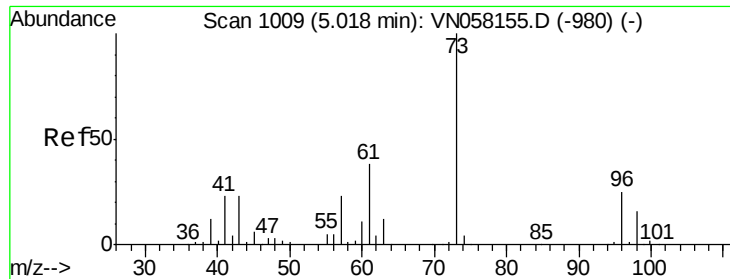
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1000

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Time-->

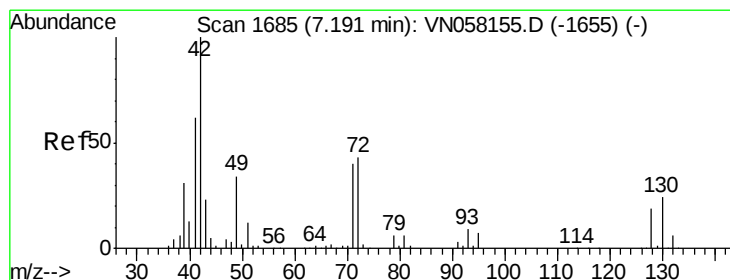
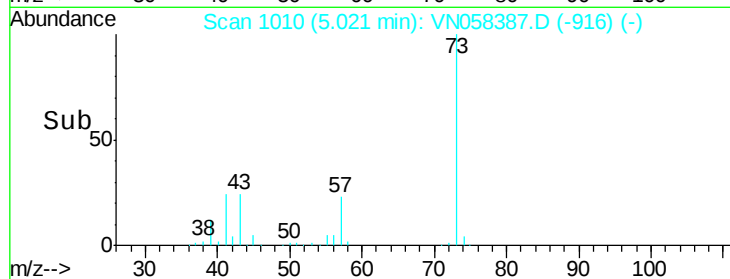
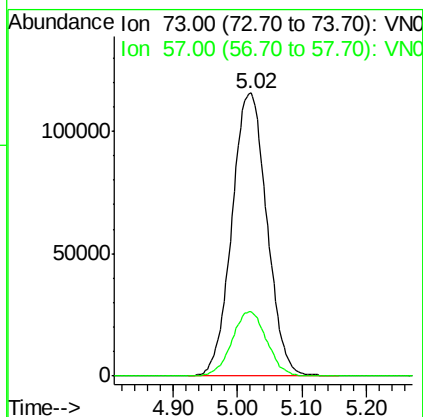
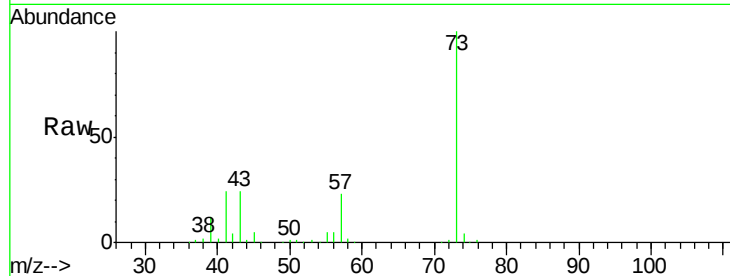




#19
Methvl tert-butvl Ether
Concen: 27.634 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

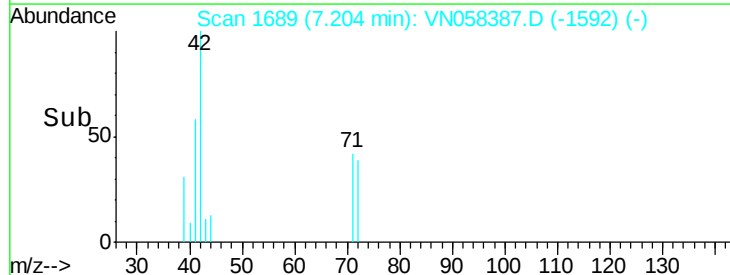
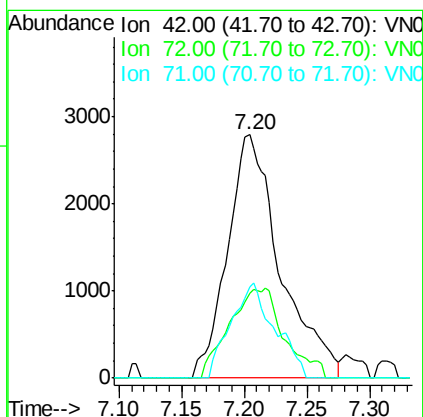
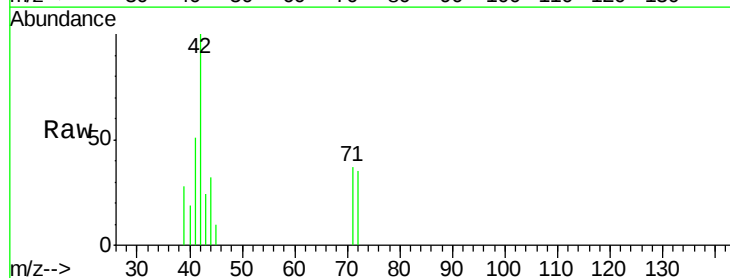
Instrument :
MSVOA_N
ClientSampled :
MW-8

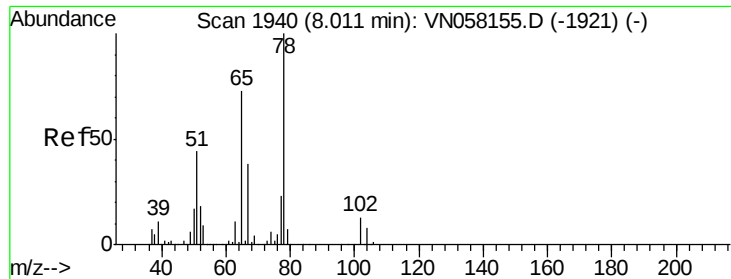
Tot Ion: 73 Resp: 435125
Ion Ratio Lower Upper
73 100
57 23.0 18.1 27.1



#29
Tetrahydrofuran
Concen: 3.986 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

Tgt Ion: 42 Resp: 8166
Ion Ratio Lower Upper
42 100
72 38.5 33.8 50.6
71 32.4 31.4 47.0

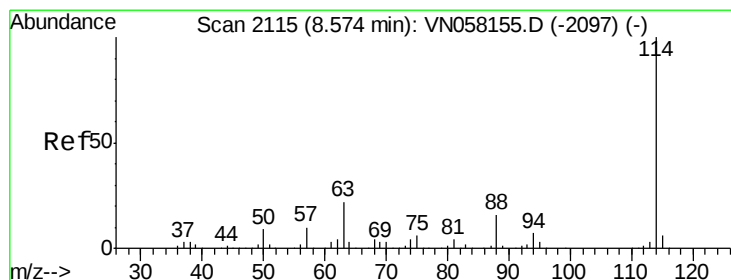
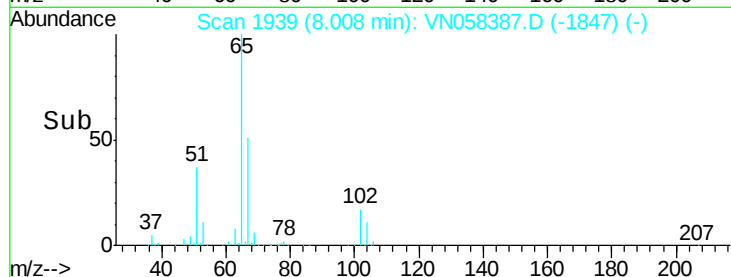
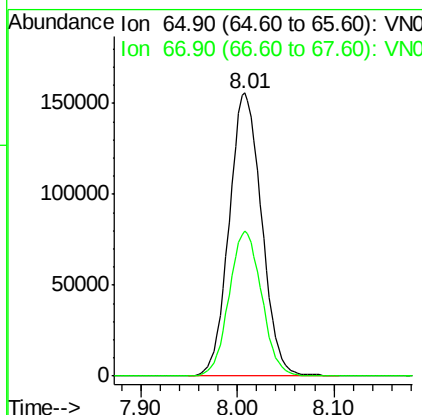
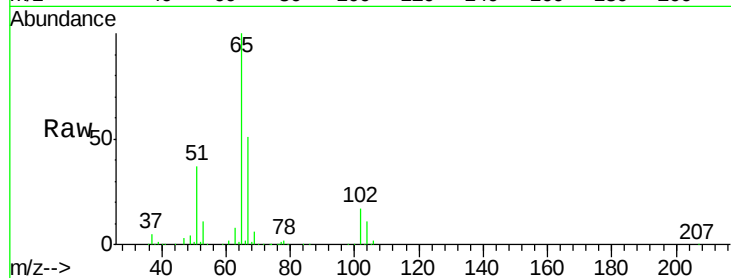




#33
 1,2-Dichloroethane-d4
 Concen: 50.611 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN058387.D
 Acq: 26 Sep 2019 15:42

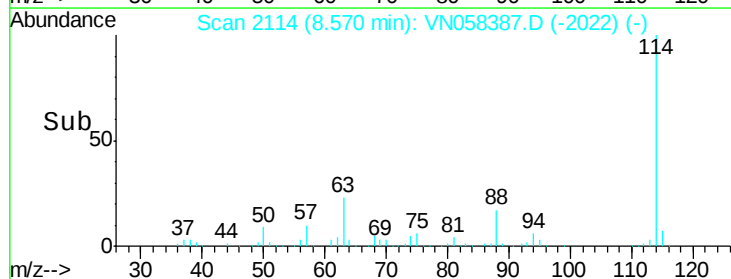
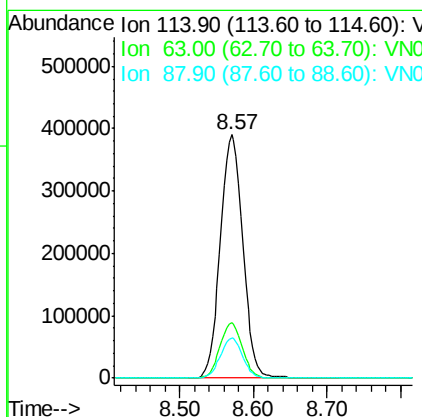
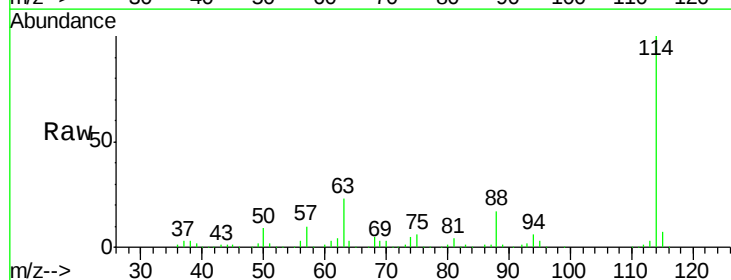
Instrument :
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 MW-8

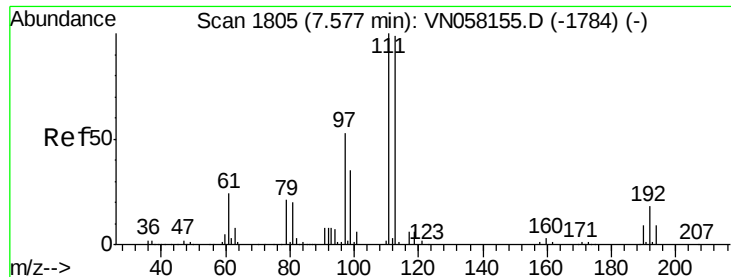
Tot Ion: 65 Resp: 364017
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN058387.D
 Acq: 26 Sep 2019 15:42

Tgt Ion: 114 Resp: 828632
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 44.2
 88 16.5 0.0 31.6

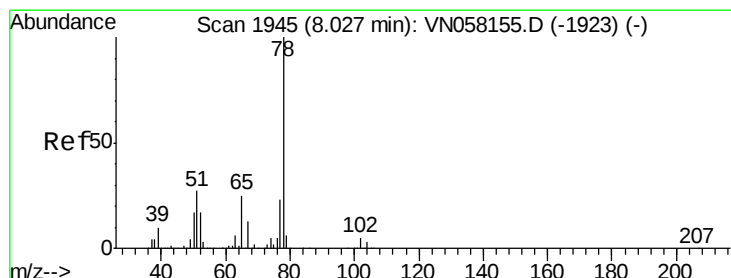
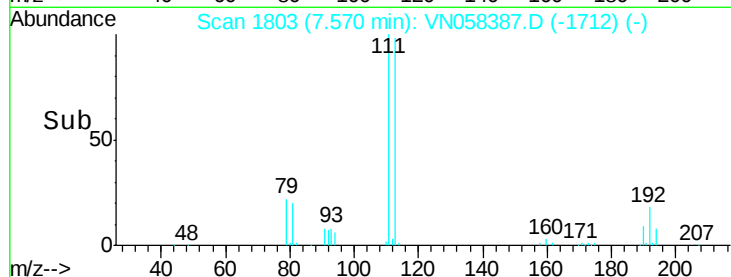
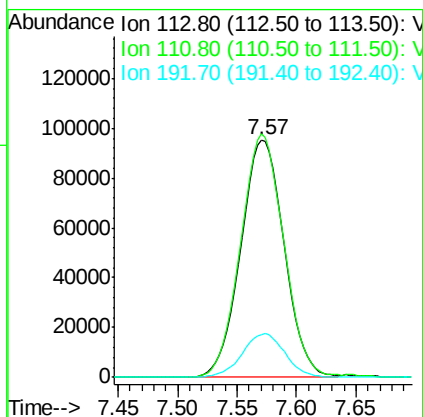
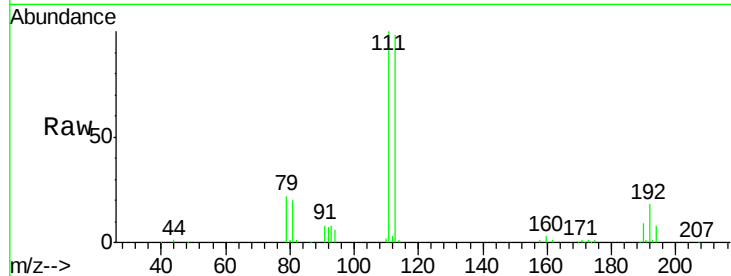




#35
 Dibromofluoromethane
 Concen: 47.844 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VN058387.D
 Acq: 26 Sep 2019 15:42

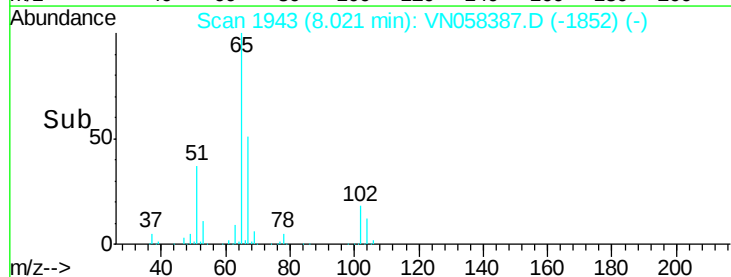
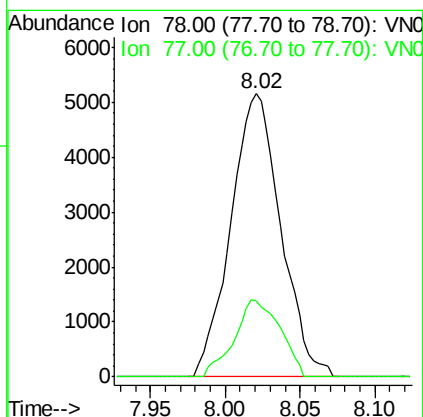
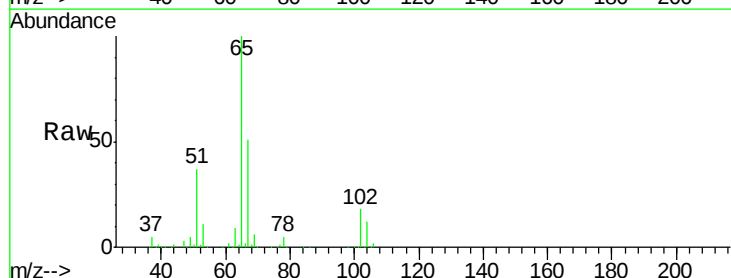
Instrument :
 MSVOA_N
 ClientSampled :
 MW-8

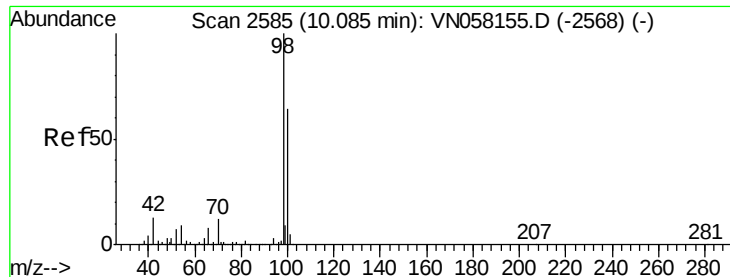
Tot Ion:113 Resp: 241011
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.8 122.6
 192 18.2 14.5 21.7



#40
 Benzene
 Concen: 0.656 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: VN058387.D
 Acq: 26 Sep 2019 15:42

Tgt Ion: 78 Resp: 11979
 Ion Ratio Lower Upper
 78 100
 77 27.0 18.8 28.2

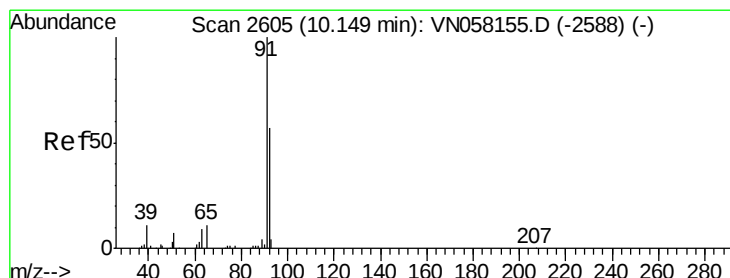
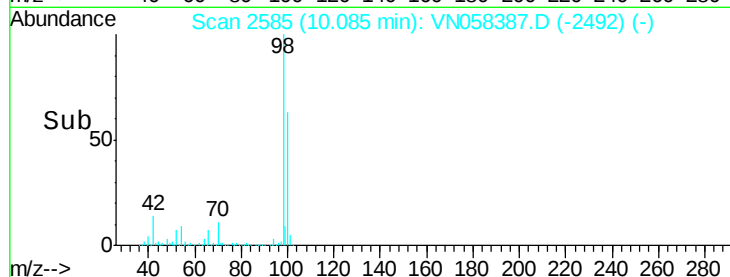
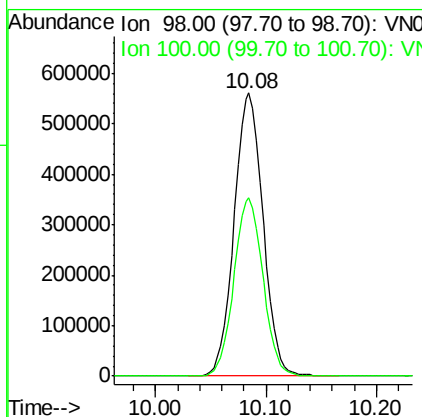
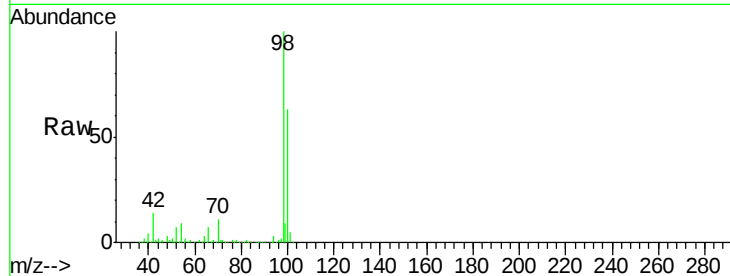




#50
Toluene-d8
Concen: 51.939 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

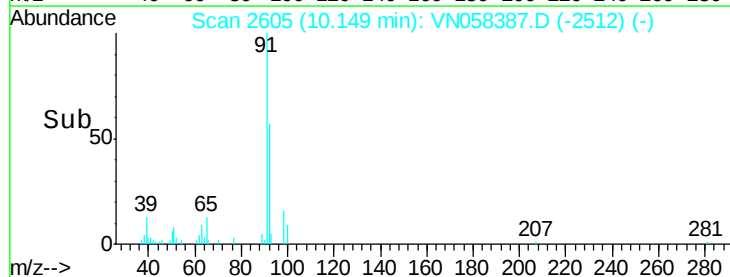
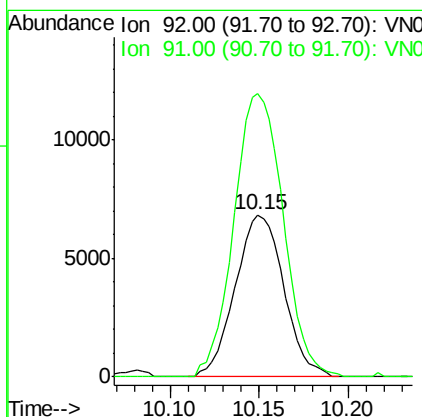
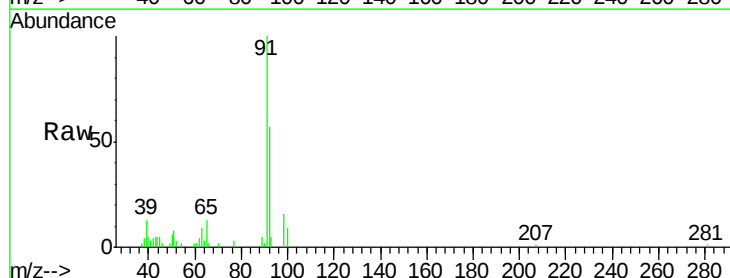
Instrument :
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ClientSampleId :
MW-8

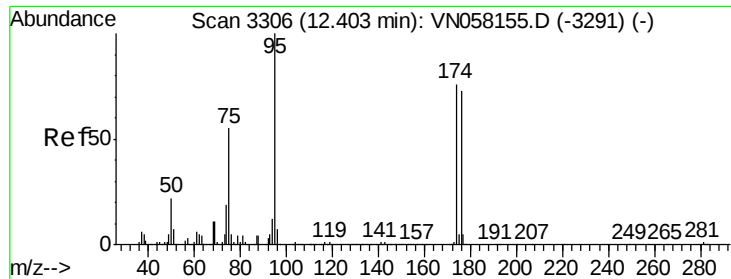
Tot Ion: 98 Resp: 1019398
Ion Ratio Lower Upper
98 100
100 63.3 51.1 76.7



#52
Toluene
Concen: 1.137 ug/l
RT: 10.15 min Scan# 2605
Delta R.T. -0.00 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

Tgt Ion: 92 Resp: 13003
Ion Ratio Lower Upper
92 100
91 177.4 140.2 210.2

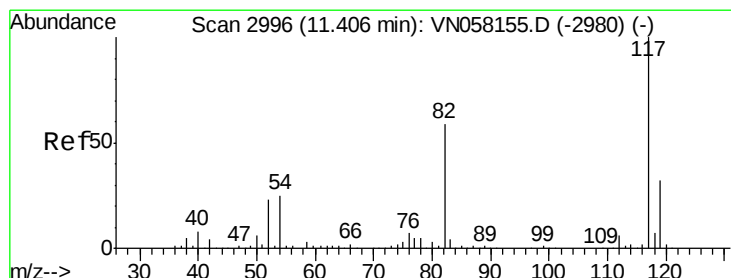
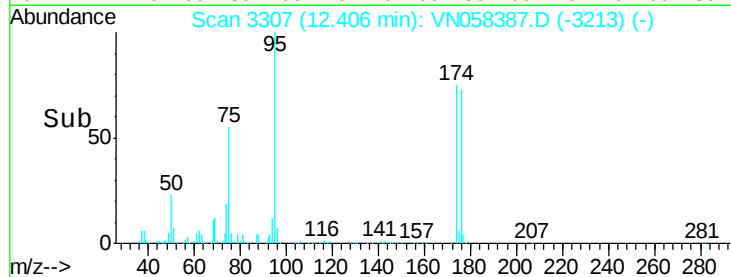
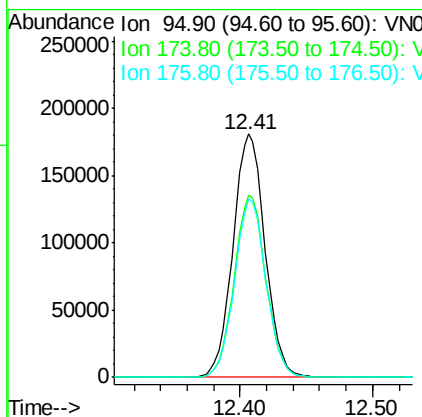
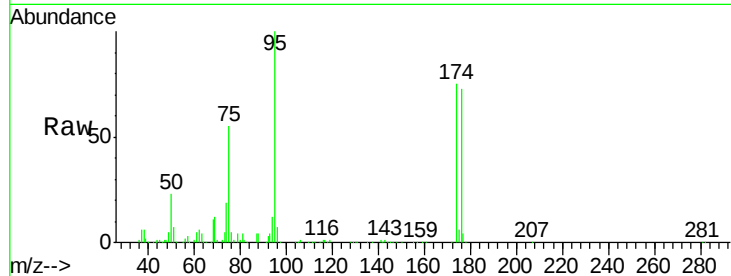




#62
4-Bromofluorobenzene
Concen: 41.628 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

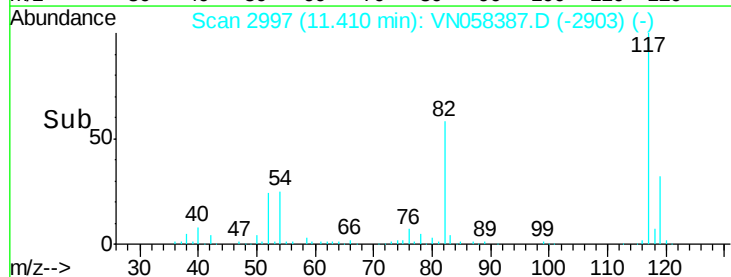
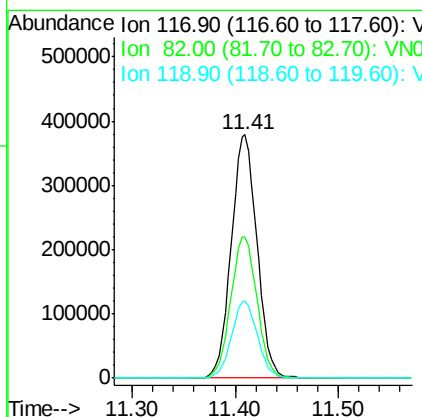
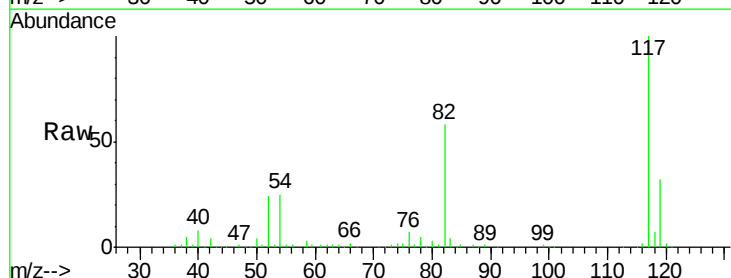
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MSVOA_N
ClientSampleId :
MW-8

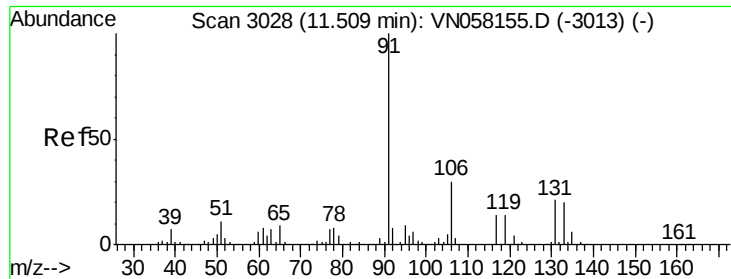
Tot Ion: 95 Resp: 303495
Ion Ratio Lower Upper
95 100
174 74.4 0.0 152.2
176 71.8 0.0 148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

Tgt Ion: 117 Resp: 659659
Ion Ratio Lower Upper
117 100
82 58.3 46.9 70.3
119 31.8 25.3 37.9

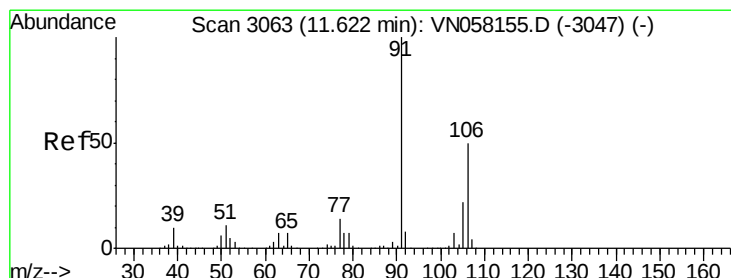
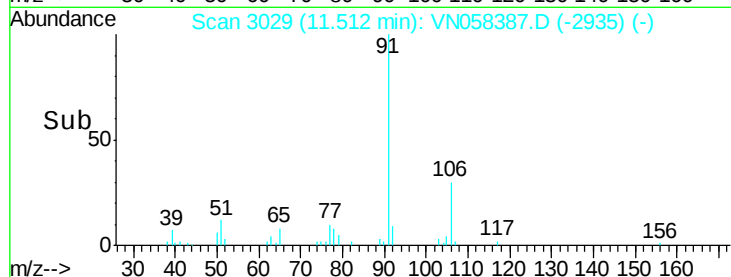
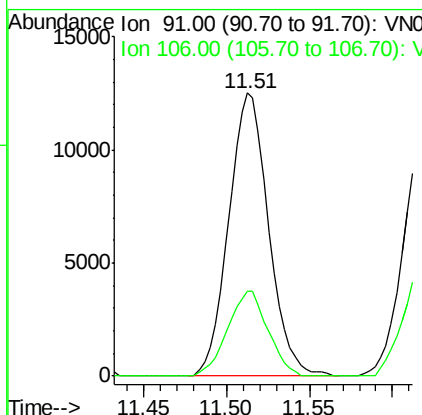
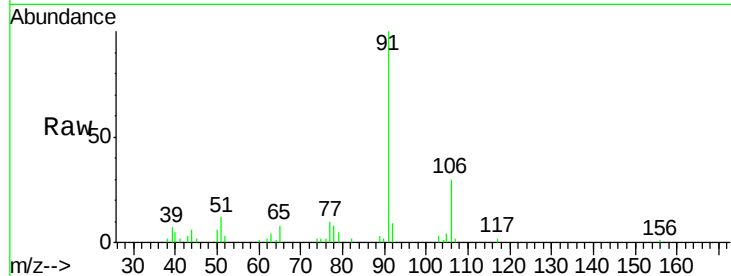




#67
Ethyl Benzene
Concen: 1.050 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

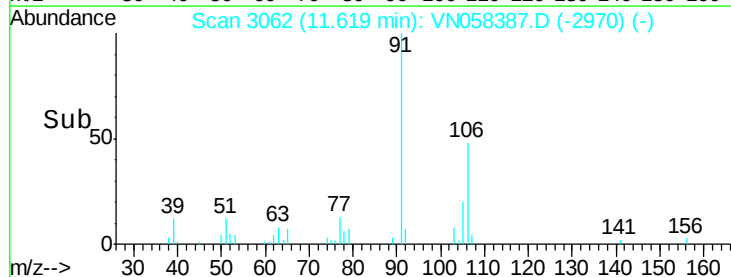
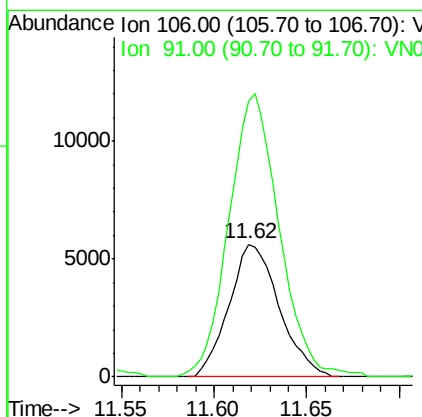
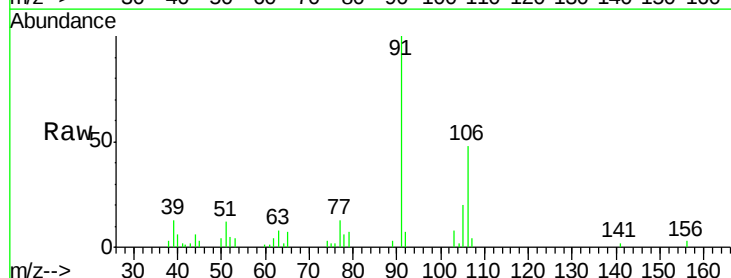
Instrument :
MSVOA_N
ClientSampled :
MW-8

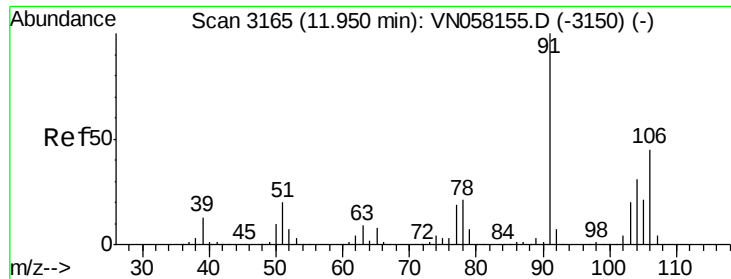
Tot Ion: 91 Resp: 20878
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0



#68
m/p-Xylenes
Concen: 1.413 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

Tgt Ion: 106 Resp: 10584
Ion Ratio Lower Upper
106 100
91 215.0 163.6 245.4

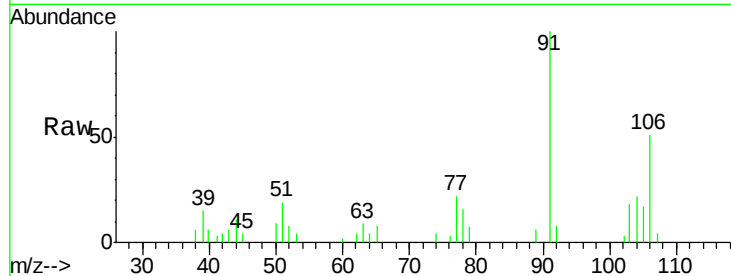




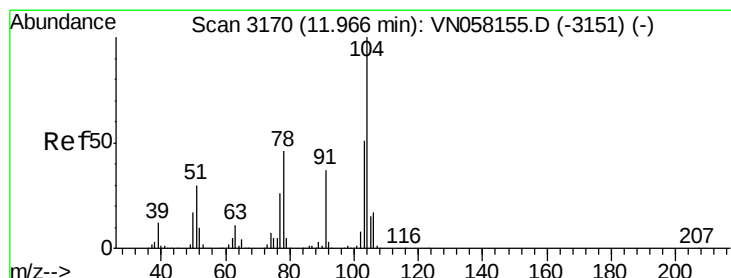
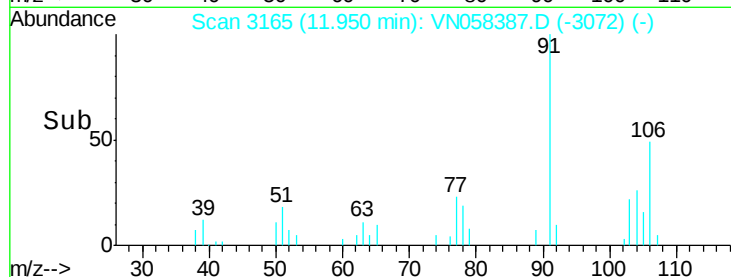
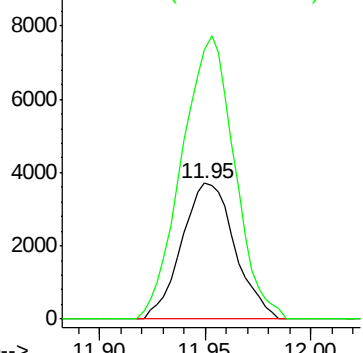
#69
o-Xylene
Concen: 0.882 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

Instrument :
MSVOA_N
ClientSampled :
MW-8

Tot Ion:106 Resp: 6495
Ion Ratio Lower Upper
106 100
91 207.1 111.8 335.3

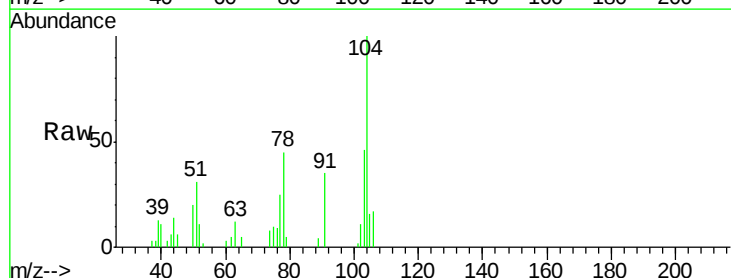


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

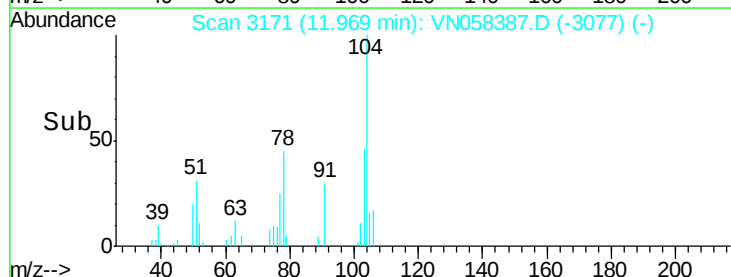
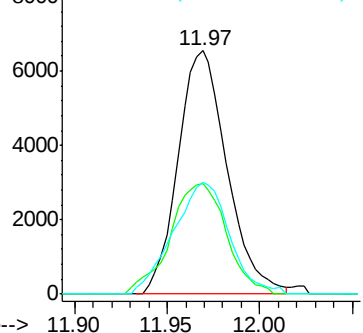


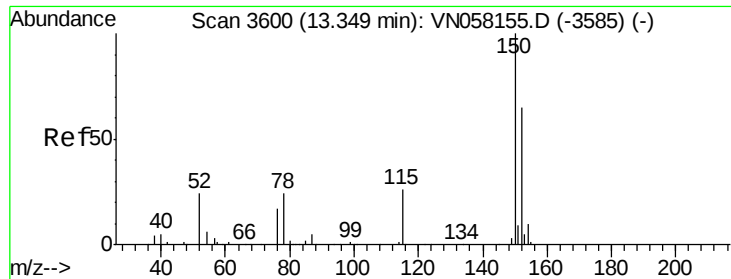
#70
Styrene
Concen: 0.947 ug/l
RT: 11.97 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

Tgt Ion:104 Resp: 12009
Ion Ratio Lower Upper
104 100
78 51.9 41.8 62.8
103 52.7 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



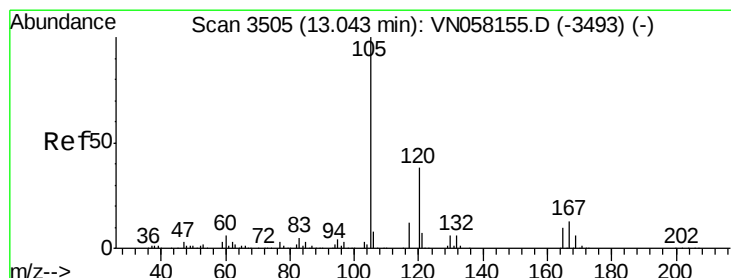
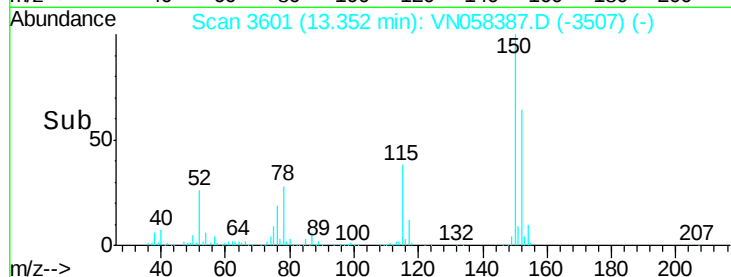
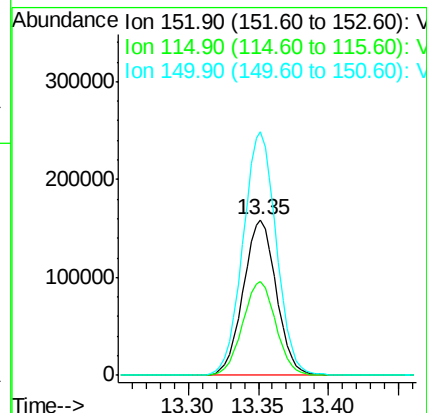
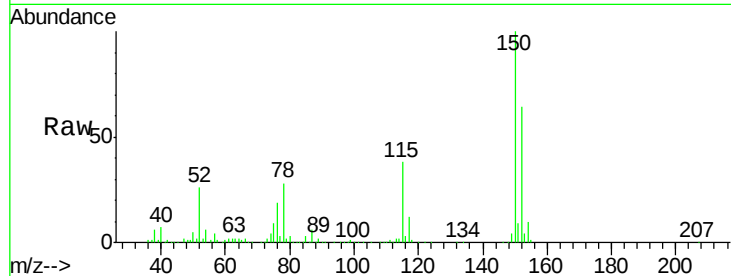


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

Instrument :
MSVOA_N
ClientSampled :
MW-8

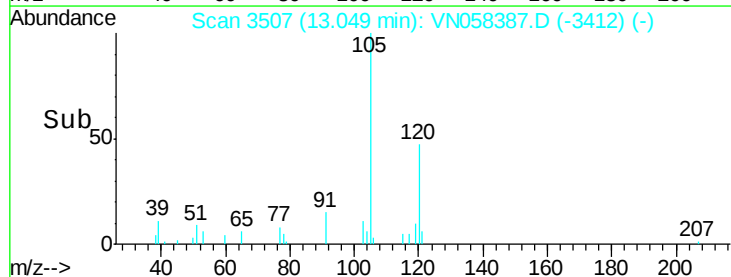
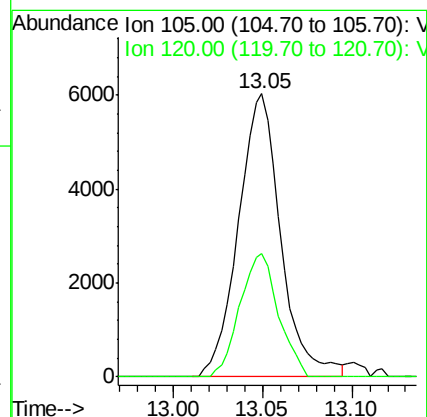
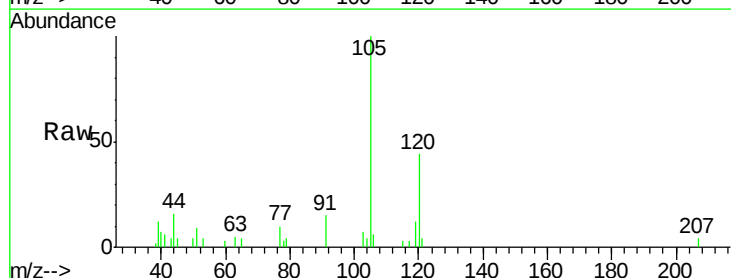
Tot Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.1	90.3
150	157.4	0.0	346.4

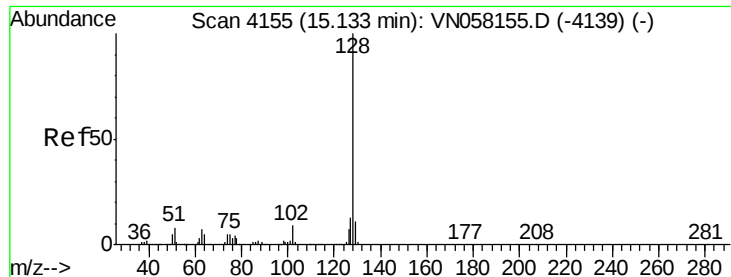


#84

1,2,4-Trimethylbenzene
Concen: 0.726 ug/l
RT: 13.05 min Scan# 3507
Delta R.T. 0.01 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	39.5	22.1	66.5

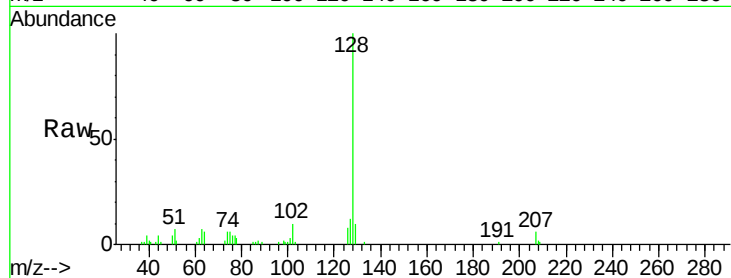




#95
Naphthalene
Concen: 3.479 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058387.D
Acq: 26 Sep 2019 15:42

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	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

