

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\
 Data File : VN058182.D
 Acq On : 18 Sep 2019 22:46
 Operator : JC/SP
 Sample : K4940-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30307

Quant Time: Sep 19 08:32:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 02:07:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	599841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	959763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	825986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	381494	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	385965	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	
35) Dibromofluoromethane	7.58	113	268945	46.10	ug/l	0.00
Spiked Amount			Recovery	=	92.20%	
50) Toluene-d8	10.08	98	1133371	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.41	95	390574	46.25	ug/l	0.00
Spiked Amount			Recovery	=	92.50%	

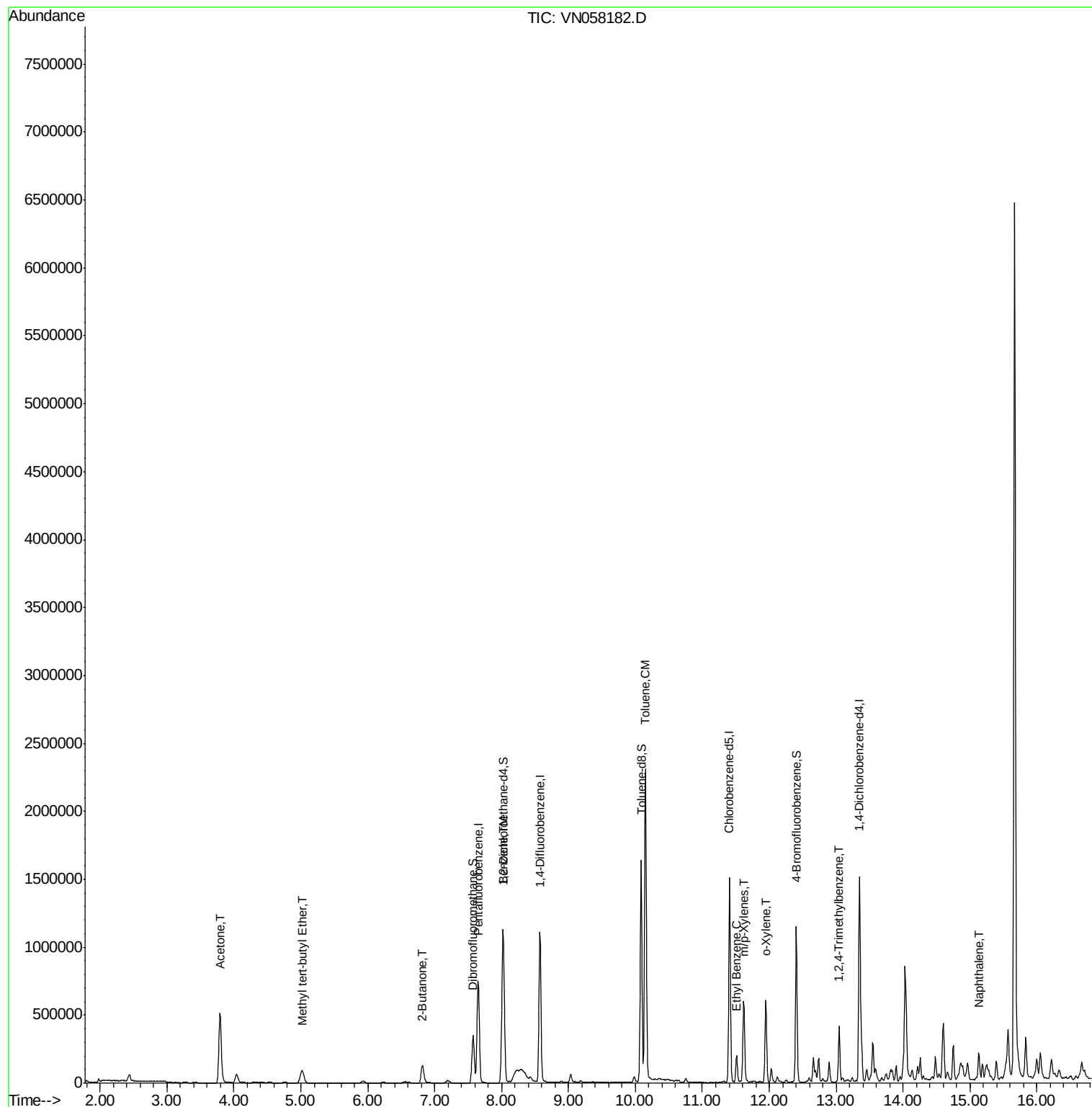
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	853822	301.077	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	158508	8.666	ug/l	97
25) 2-Butanone	6.82	43	240462	62.238	ug/l	99
40) Benzene	8.03	78	861773	40.765	ug/l	99
52) Toluene	10.15	92	991750	74.856	ug/l	99
67) Ethyl Benzene	11.51	91	132779	5.334	ug/l	97
68) m/p-Xylenes	11.62	106	183616	19.584	ug/l	98
69) o-Xylene	11.95	106	154614	16.771	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	231647	11.528	ug/l	99
95) Naphthalene	15.13	128	155546	8.536	ug/l	97

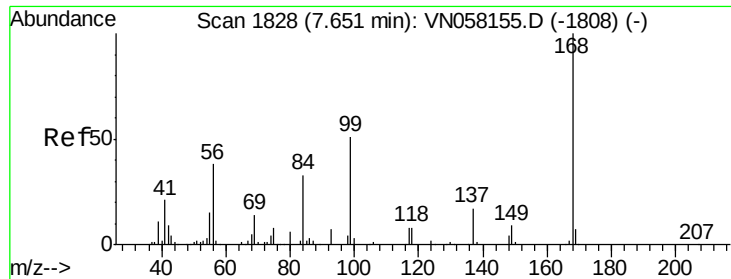
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 19 02:07:09 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: VN058182.D

Acq: 18 Sep 2019 22:46

Instrument :

MSVOA_N

ClientSampled :

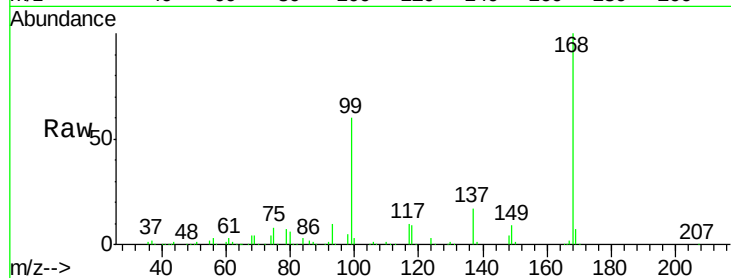
30307

Tot Ion:168 Resp: 599841

Ion Ratio Lower Upper

168 100

99 59.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

250000

200000

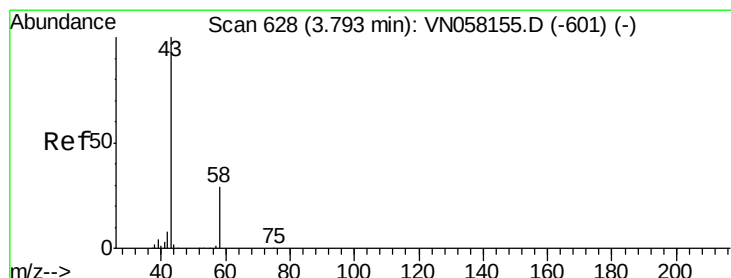
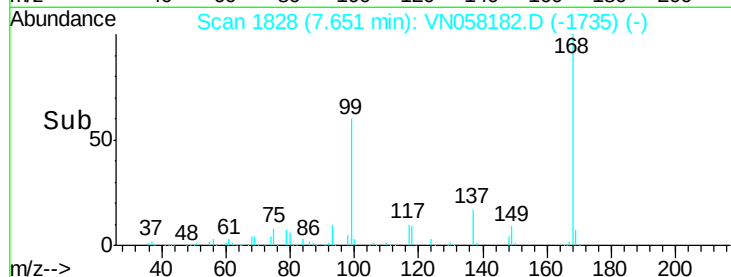
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 301.077 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN058182.D

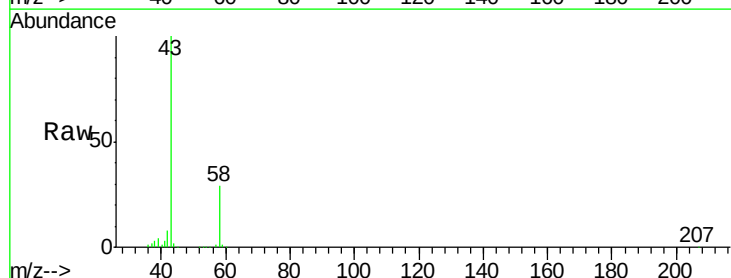
Acq: 18 Sep 2019 22:46

Tgt Ion: 43 Resp: 853822

Ion Ratio Lower Upper

43 100

58 28.6 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

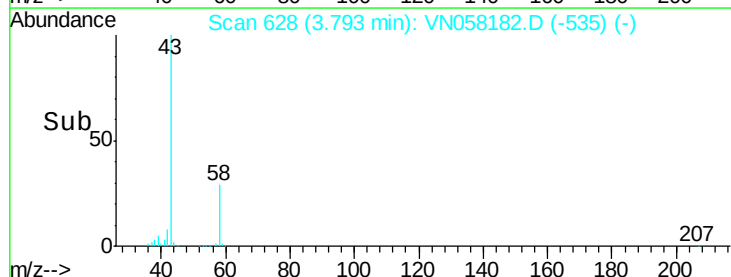
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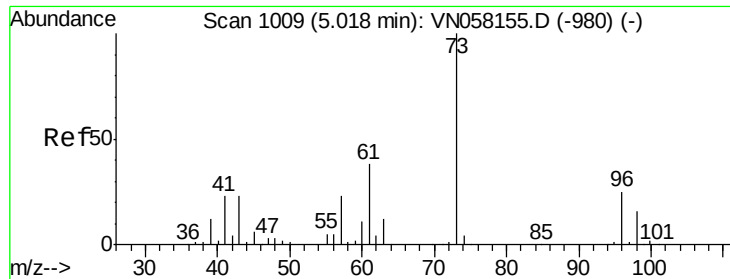
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Time-->

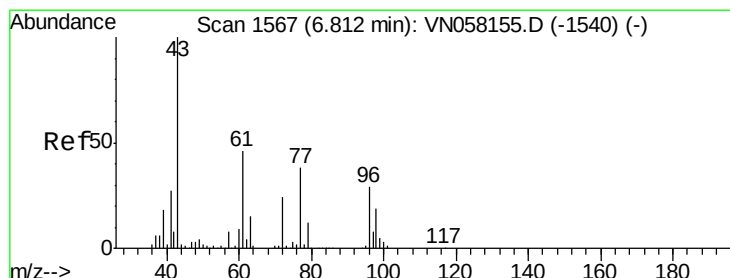
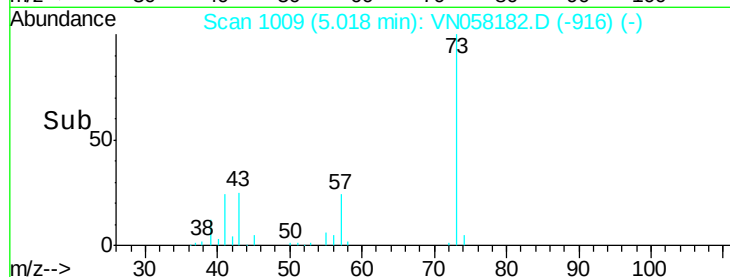
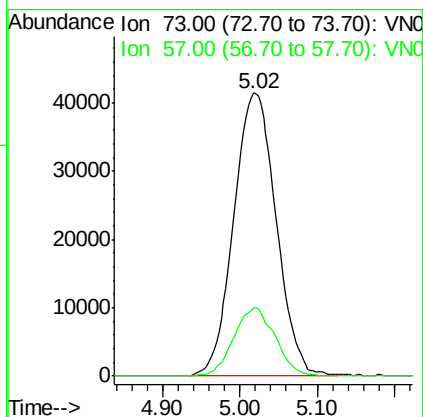
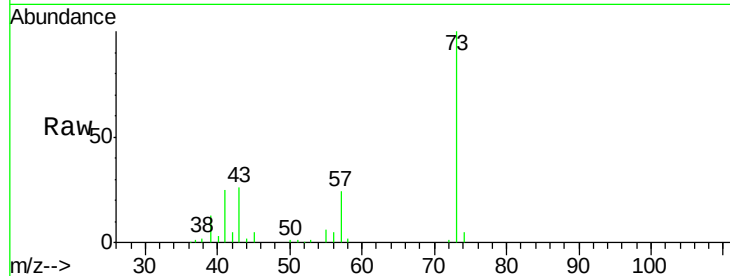




#19
Methvl tert-butyl Ether
Concen: 8.666 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN058182.D
Acq: 18 Sep 2019 22:46

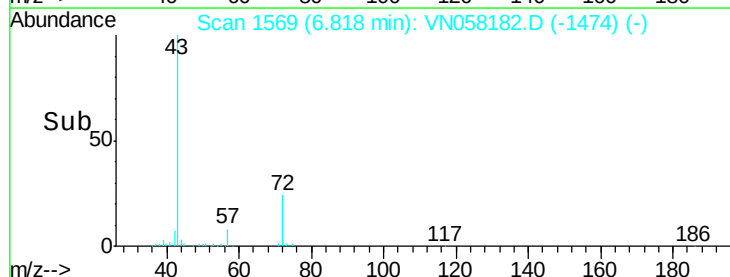
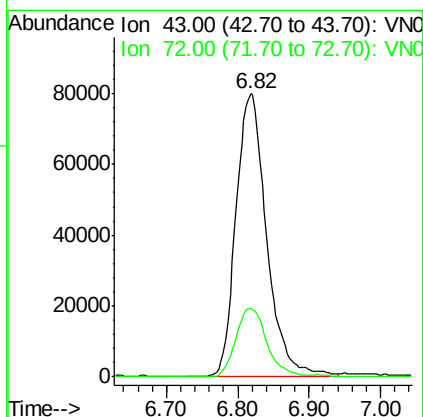
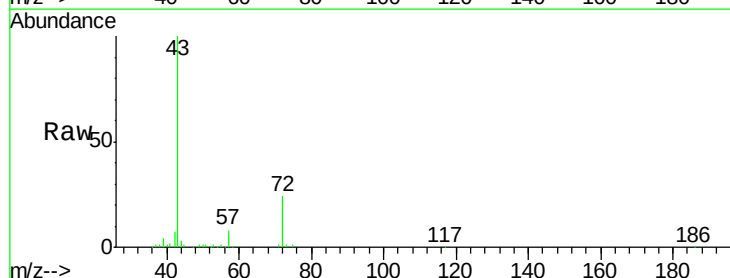
Instrument :
MSVOA_N
ClientSampled :
30307

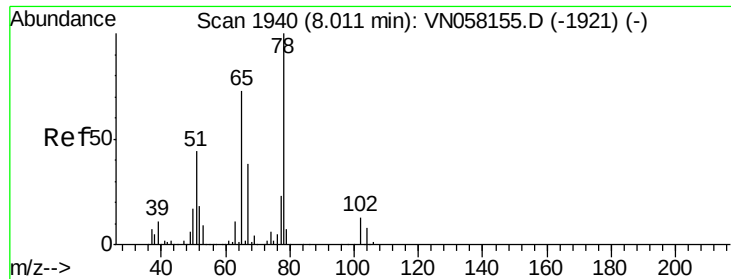
Tot Ion: 73 Resp: 158508
Ion Ratio Lower Upper
73 100
57 24.0 18.1 27.1



#25
2-Butanone
Concen: 62.238 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN058182.D
Acq: 18 Sep 2019 22:46

Tgt Ion: 43 Resp: 240462
Ion Ratio Lower Upper
43 100
72 23.9 19.5 29.3

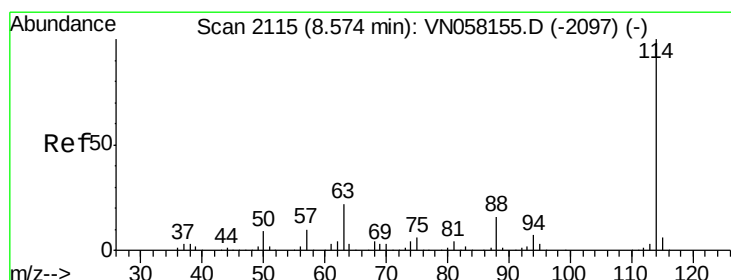
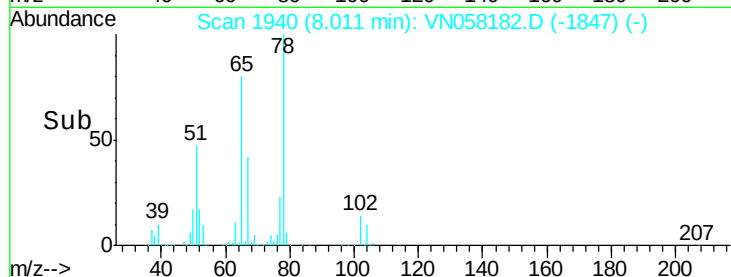
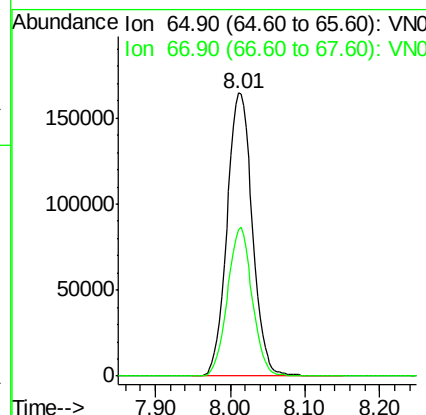
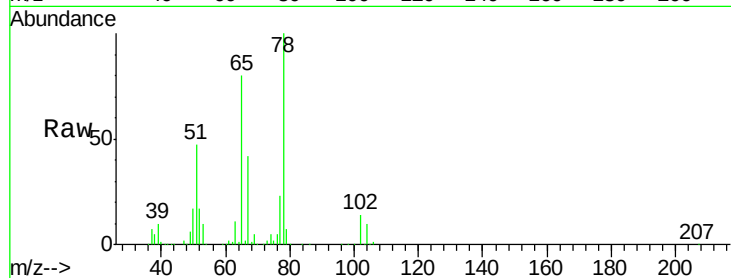




#33
 1,2-Dichloroethane-d4
 Concen: 46.198 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058182.D
 Acq: 18 Sep 2019 22:46

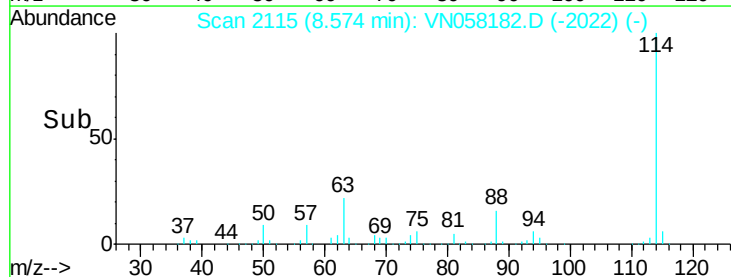
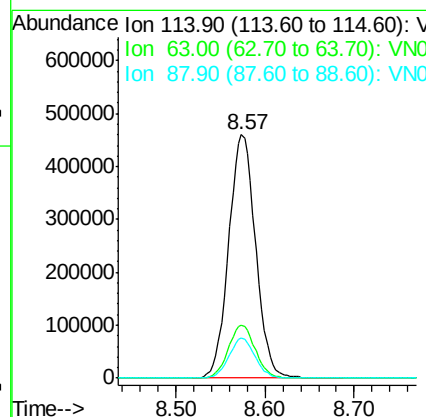
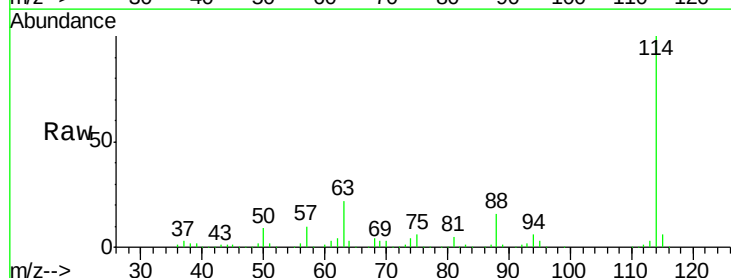
Instrument :
 MSVOA_N
 ClientSampled :
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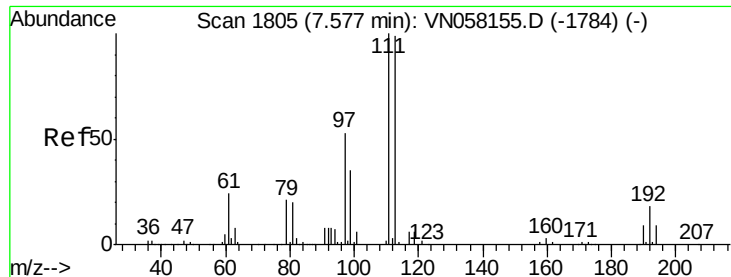
Tot Ion: 65 Resp: 385965
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058182.D
 Acq: 18 Sep 2019 22:46

Tgt Ion: 114 Resp: 959763
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.2
 88 16.4 0.0 31.6

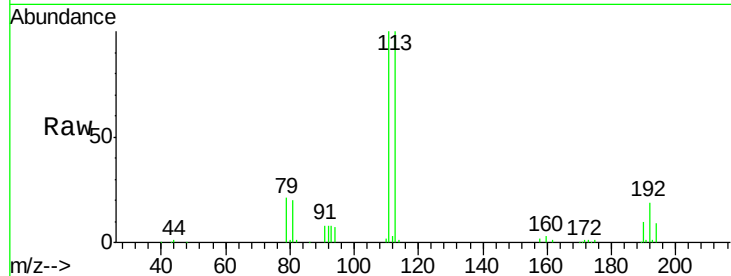




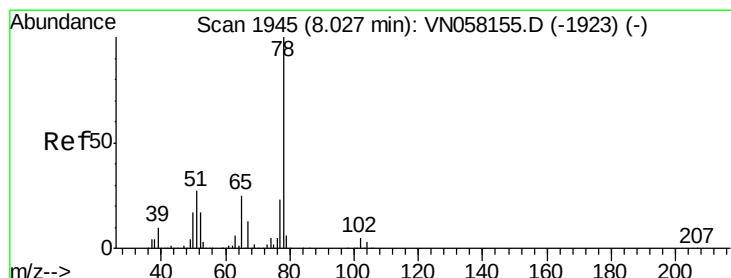
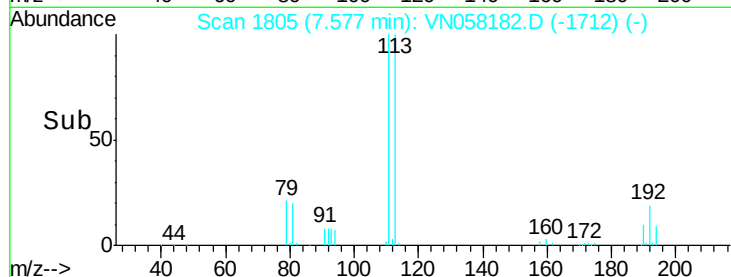
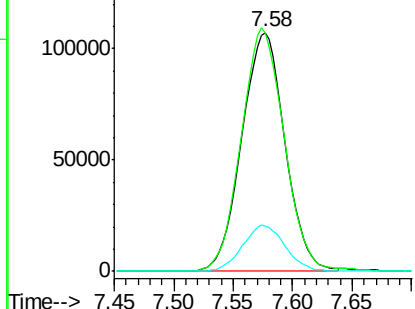
#35
 Dibromofluoromethane
 Concen: 46.095 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN058182.D
 Acq: 18 Sep 2019 22:46

Instrument :
 MSVOA_N
 ClientSampleId :
 30307

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.6
192	19.1	14.5	21.7

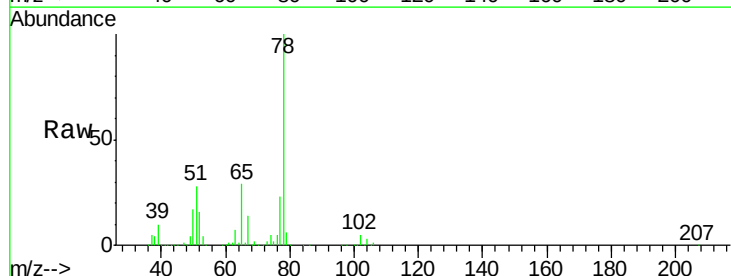


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

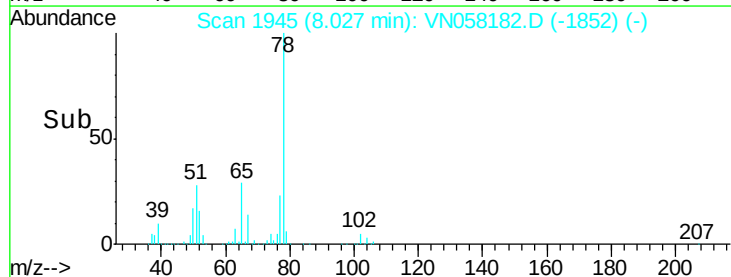
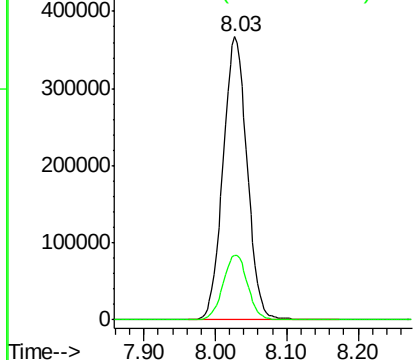


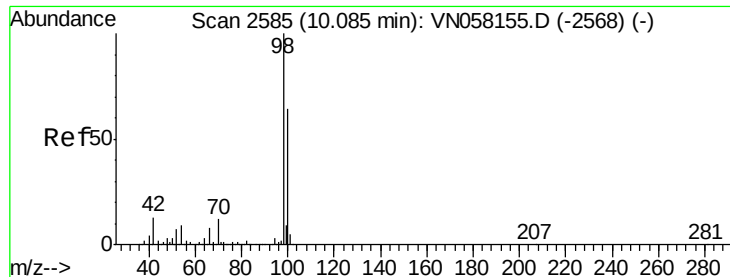
#40
 Benzene
 Concen: 40.765 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN058182.D
 Acq: 18 Sep 2019 22:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): V
 Ion 77.00 (76.70 to 77.70): V





#50

Toluene-d8

Concen: 49.856 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058182.D

Acq: 18 Sep 2019 22:46

Instrument :

MSVOA_N

ClientSampled :

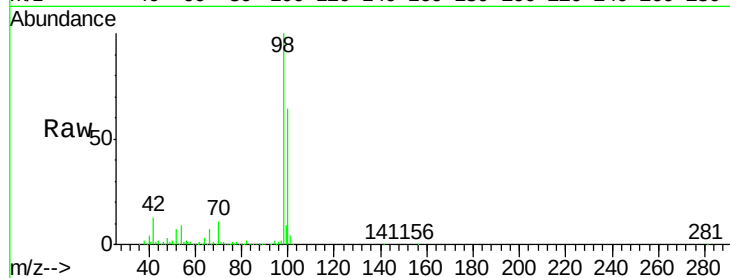
30307

Tot Ion: 98 Resp: 1133371

Ion Ratio Lower Upper

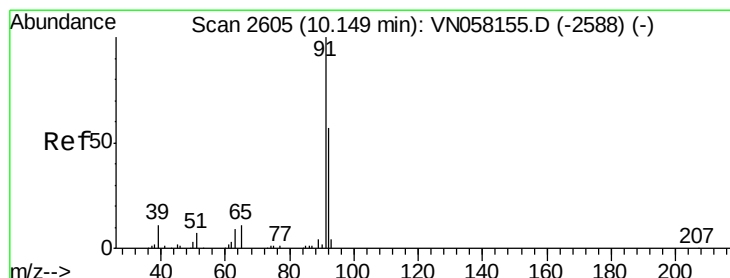
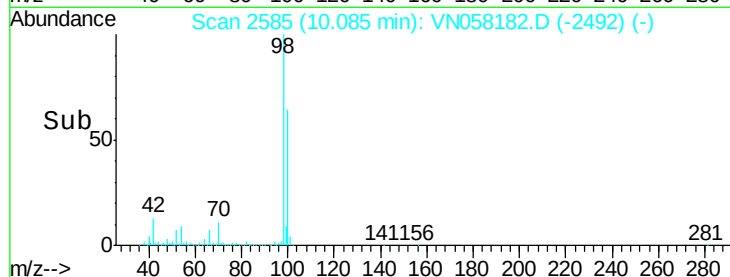
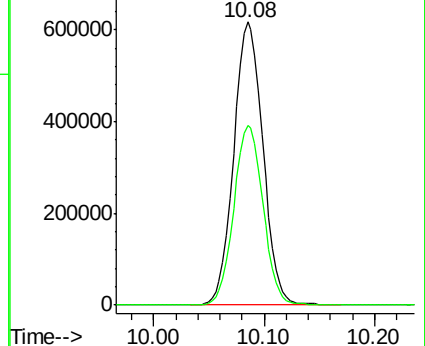
98 100

100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058182.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN058182.D (-2492) (-)



#52

Toluene

Concen: 74.856 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058182.D

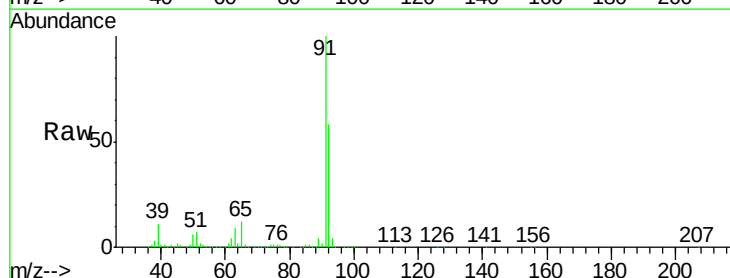
Acq: 18 Sep 2019 22:46

Tgt Ion: 92 Resp: 991750

Ion Ratio Lower Upper

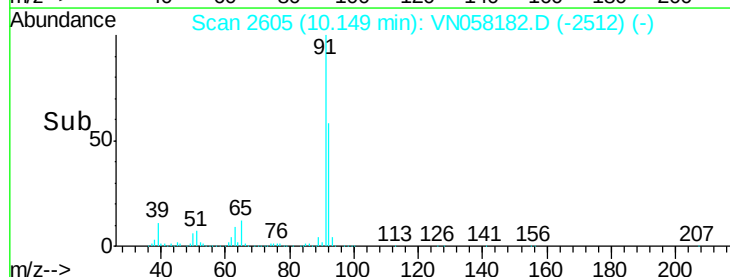
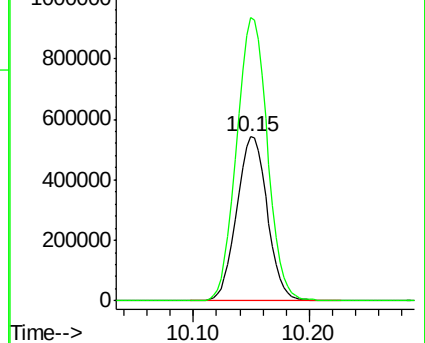
92 100

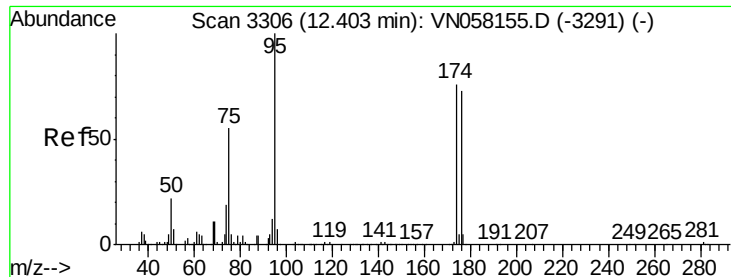
91 174.4 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VN058182.D (-2512) (-)

Ion 91.00 (90.70 to 91.70): VN058182.D (-2512) (-)

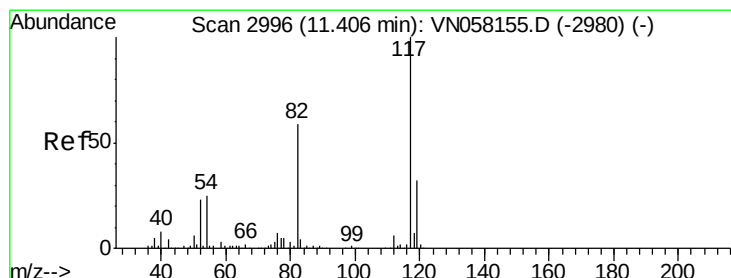
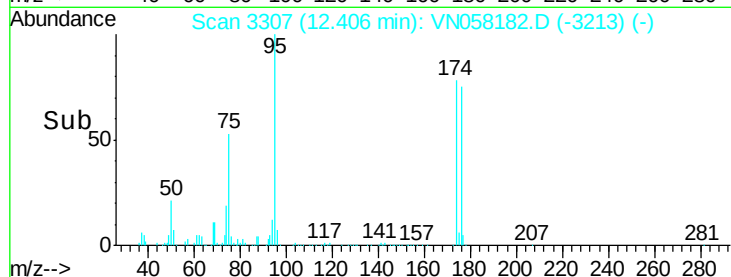
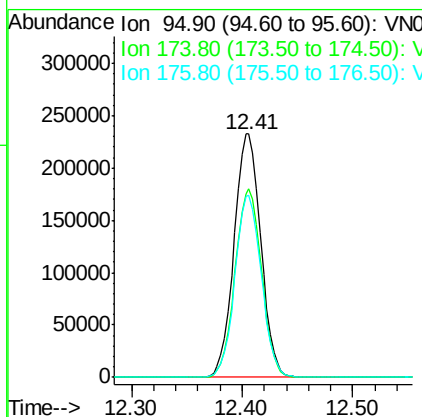
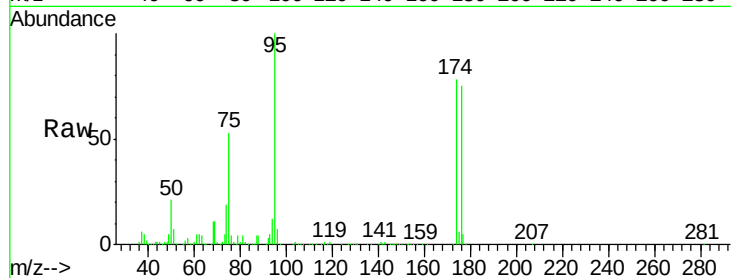




#62
4-Bromofluorobenzene
Concen: 46.253 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058182.D
Acq: 18 Sep 2019 22:46

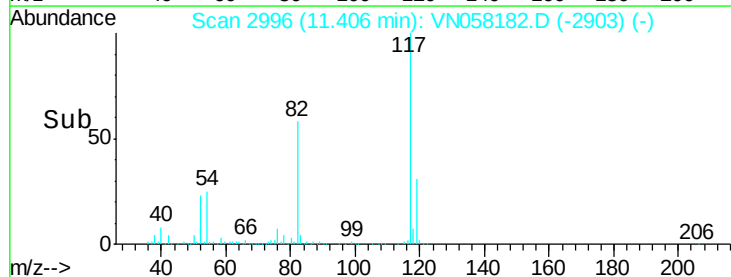
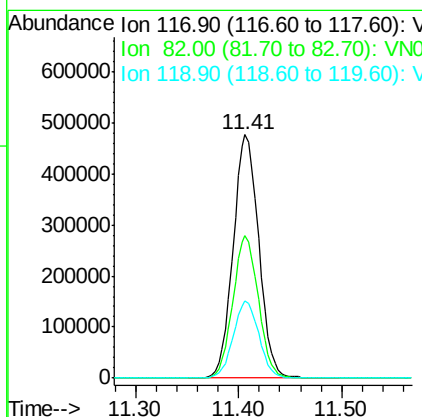
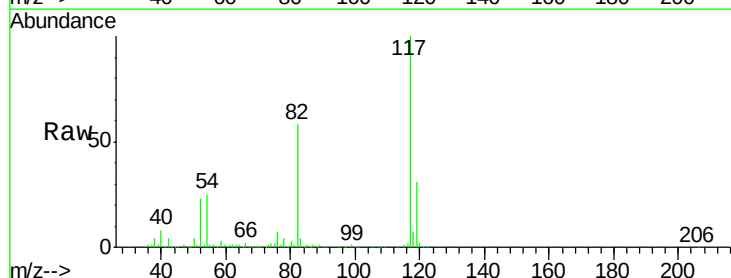
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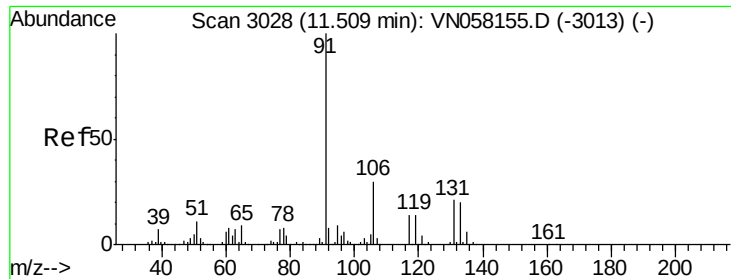
Tot Ion: 95 Resp: 390574
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.2
176 73.9 0.0 148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058182.D
Acq: 18 Sep 2019 22:46

Tgt Ion: 117 Resp: 825986
Ion Ratio Lower Upper
117 100
82 58.4 46.9 70.3
119 31.5 25.3 37.9

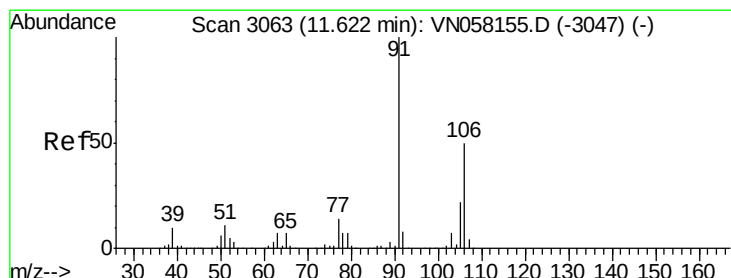
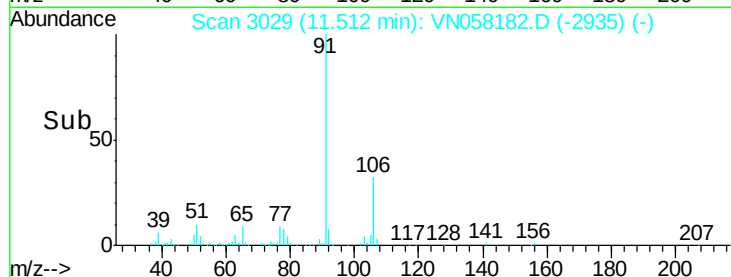
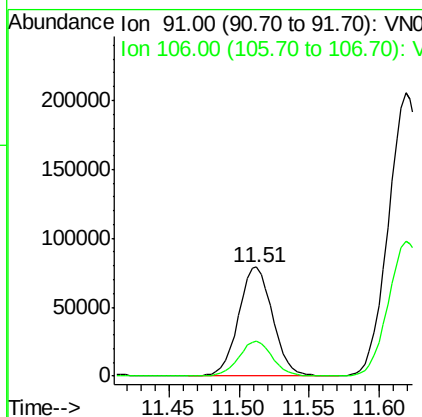
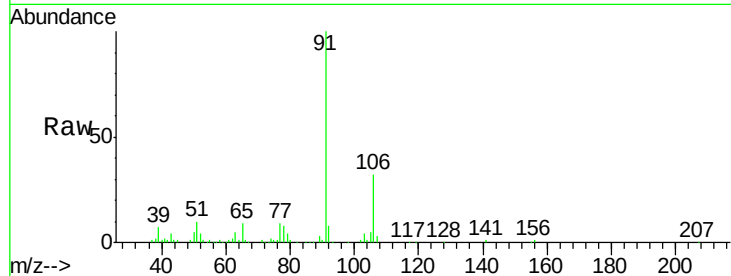




#67
Ethvl Benzene
Concen: 5.334 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058182.D
Acq: 18 Sep 2019 22:46

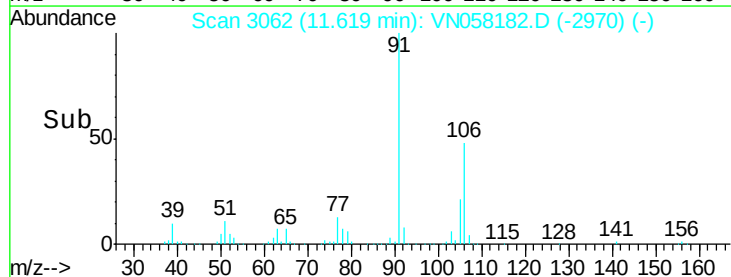
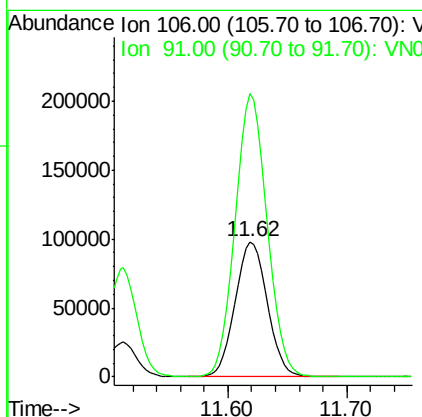
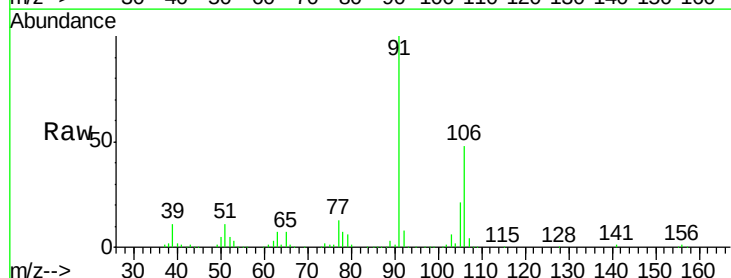
Instrument :
MSVOA_N
ClientSampled :
30307

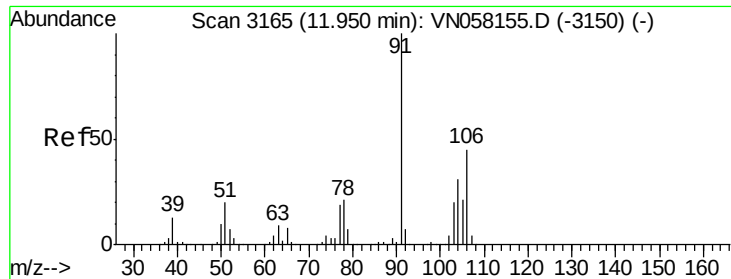
Tot Ion: 91 Resp: 132779
Ion Ratio Lower Upper
91 100
106 31.7 24.0 36.0



#68
m/p-Xylenes
Concen: 19.584 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058182.D
Acq: 18 Sep 2019 22:46

Tgt Ion: 106 Resp: 183616
Ion Ratio Lower Upper
106 100
91 207.3 163.6 245.4

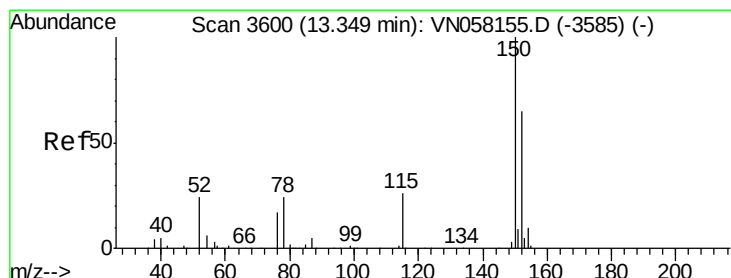
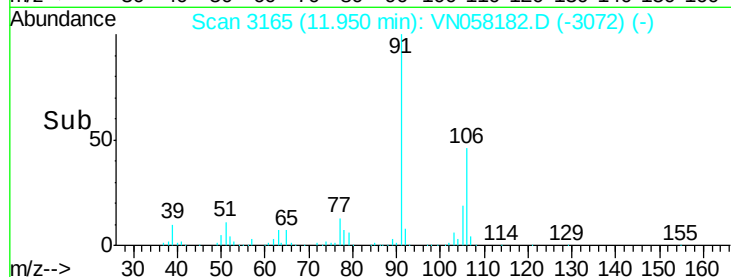
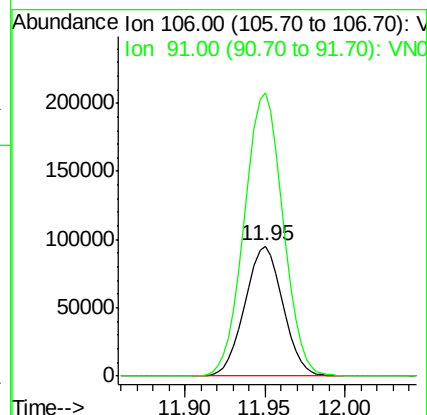
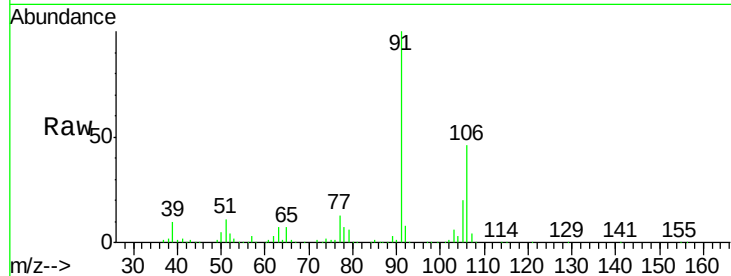




#69
o-Xylene
Concen: 16.771 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058182.D
Acq: 18 Sep 2019 22:46

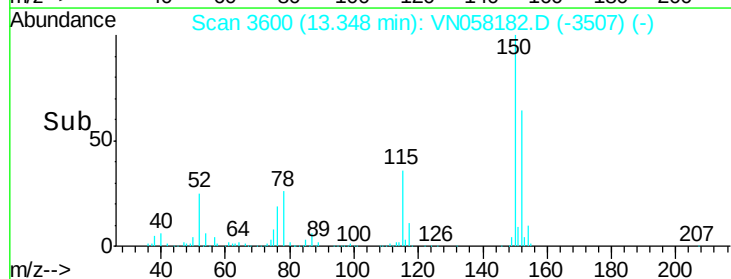
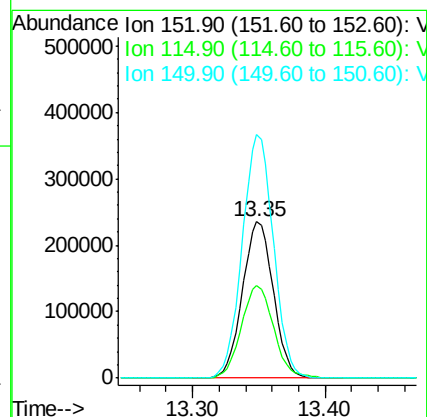
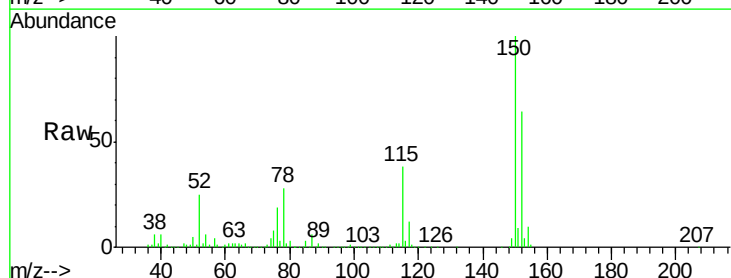
Instrument :
MSVOA_N
ClientSampled :
30307

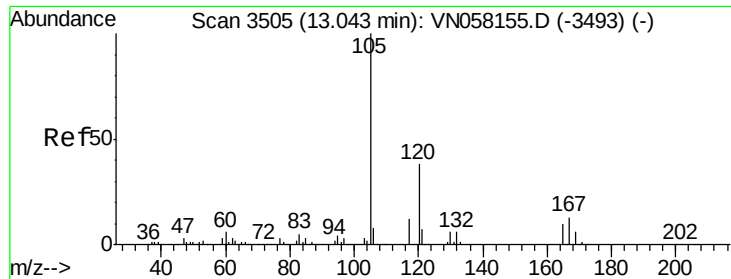
Tot Ion:106 Resp: 154614
Ion Ratio Lower Upper
106 100
91 221.6 111.8 335.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058182.D
Acq: 18 Sep 2019 22:46

Tgt Ion:152 Resp: 381494
Ion Ratio Lower Upper
152 100
115 61.6 30.1 90.3
150 157.0 0.0 346.4

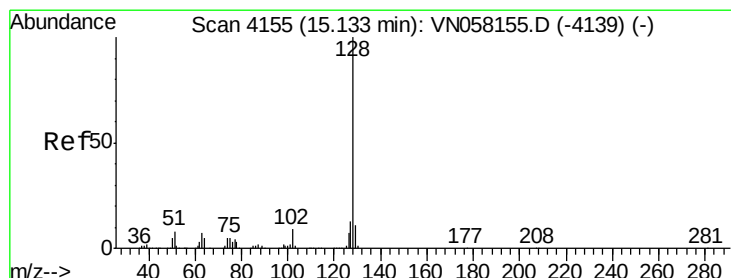
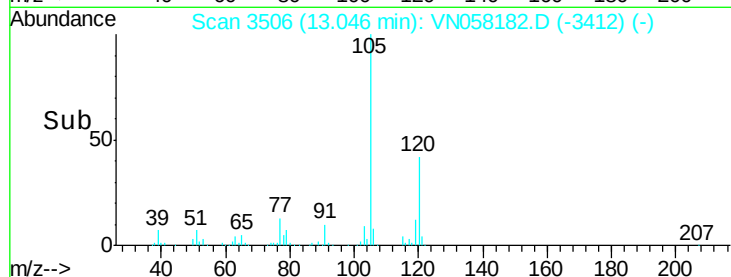
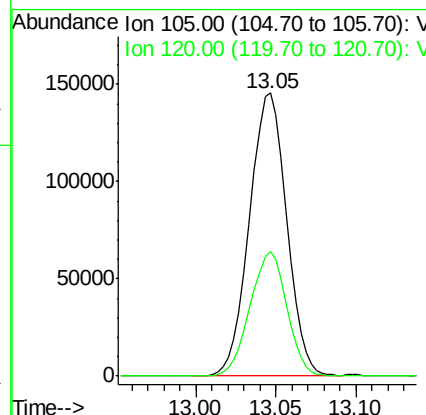
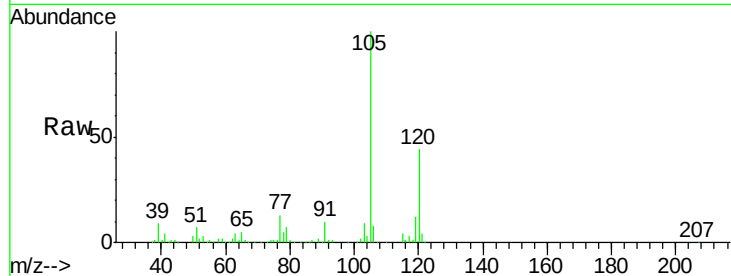




#84
 1,2,4-Trimethylbenzene
 Concen: 11.528 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058182.D
 Acq: 18 Sep 2019 22:46

Instrument :
 MSVOA_N
 ClientSampleId :
 30307

Tot Ion:105 Resp: 231647
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.1 66.5



#95
 Naphthalene
 Concen: 8.536 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN058182.D
 Acq: 18 Sep 2019 22:46

Tgt Ion:128 Resp: 155546
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.2 15.2
 129 11.9 8.6 12.8

