

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\
 Data File : VN058181.D
 Acq On : 18 Sep 2019 22:24
 Operator : JC/SP
 Sample : K4940-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40278

Quant Time: Sep 19 17:07:23 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	600287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	964617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	832192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	408310	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	390785	46.74	ug/l	0.00
Spiked Amount			Recovery	=	93.48%	
35) Dibromofluoromethane	7.58	113	275875	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	
50) Toluene-d8	10.09	98	1133978	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.40	95	425900	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	

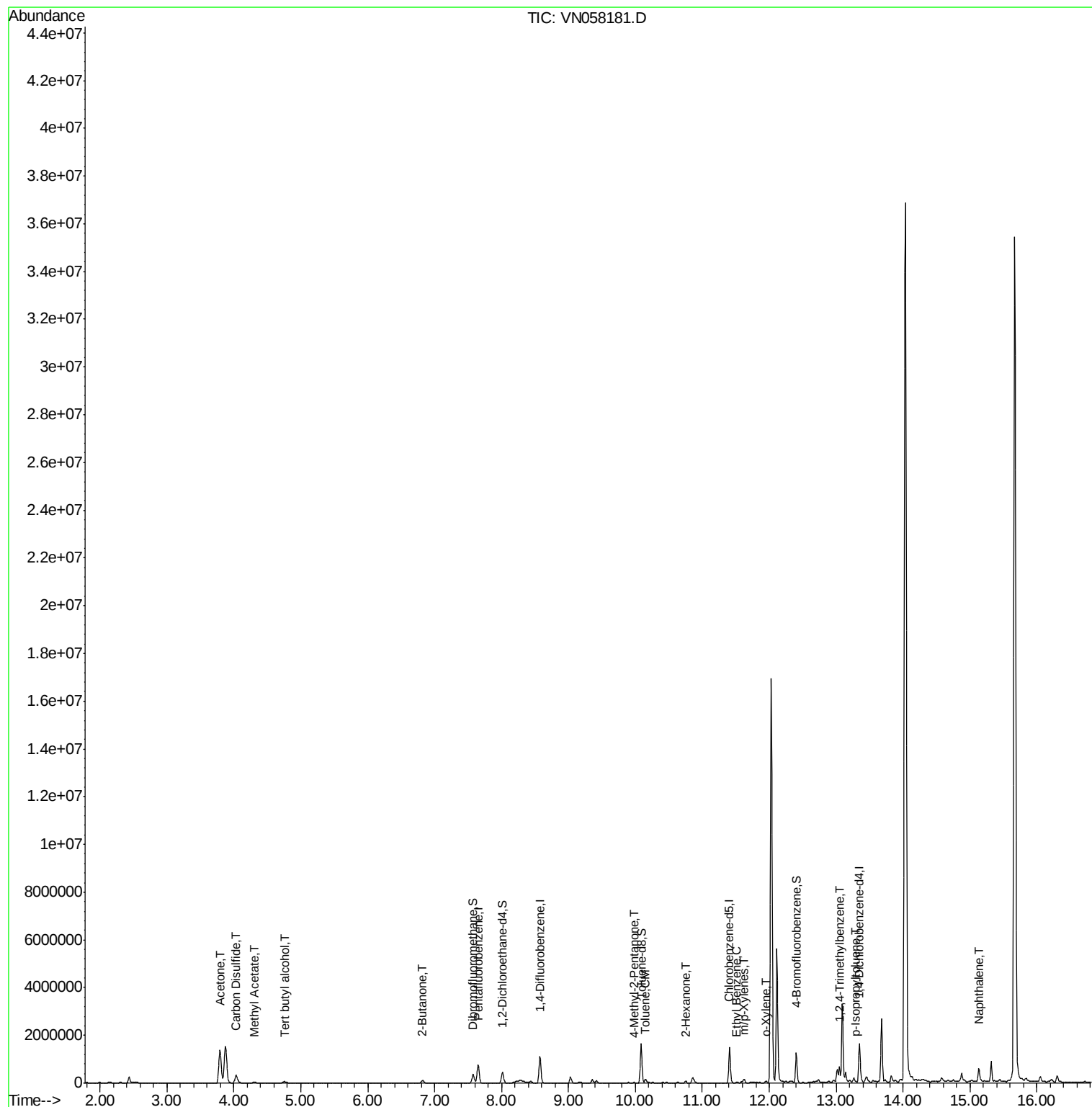
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.75	59	96911	97.443	ug/l	99
16) Acetone	3.79	43	2315513	815.896	ug/l	99
17) Carbon Disulfide	4.03	76	44340	8.778	ug/l	96
18) Methyl Acetate	4.30	43	82327	11.024	ug/l	97
25) 2-Butanone	6.82	43	186156	48.147	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	17213	2.404	ug/l	99
52) Toluene	10.15	92	65103	4.889	ug/l	98
59) 2-Hexanone	10.75	43	50589	9.512	ug/l	99
67) Ethyl Benzene	11.51	91	26997	1.076	ug/l	99
68) m/p-Xylenes	11.62	106	43524	4.607	ug/l	98
69) o-Xylene	11.95	106	15670	1.687	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	45976	2.138	ug/l	96
86) p-Isopropyltoluene	13.29	119	26167	1.168	ug/l	86
95) Naphthalene	15.13	128	433015	22.202	ug/l	99

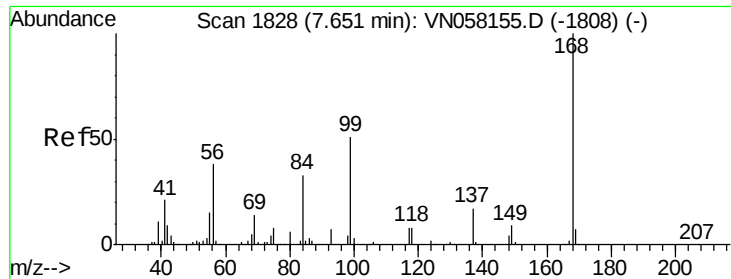
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091819\
Data File : VN058181.D
Acq On : 18 Sep 2019 22:24
Operator : JC/SP
Sample : K4940-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
40278

Quant Time: Sep 19 17:07:23 2019
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: VN058181.D

Acq: 18 Sep 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

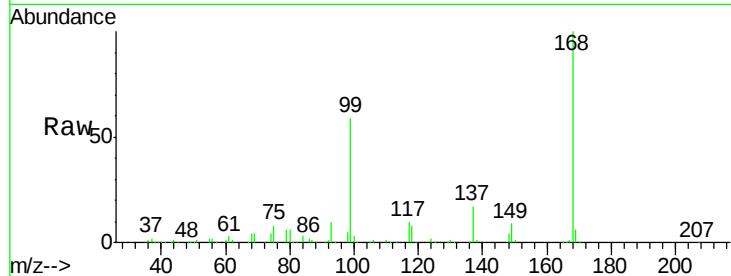
40278

Tot Ion:168 Resp: 600287

Ion Ratio Lower Upper

168 100

99 58.8 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

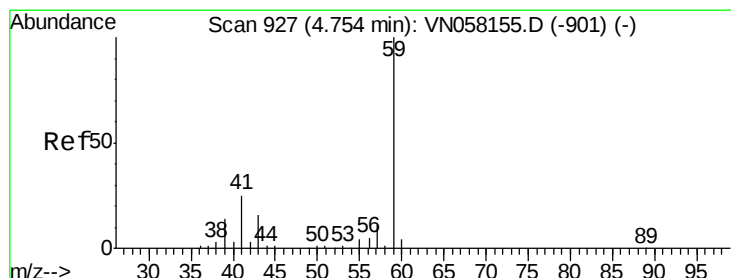
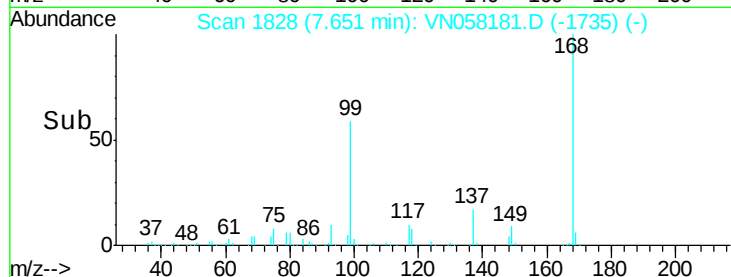
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 97.443 ug/l

RT: 4.75 min Scan# 927

Delta R.T. 0.00 min

Lab File: VN058181.D

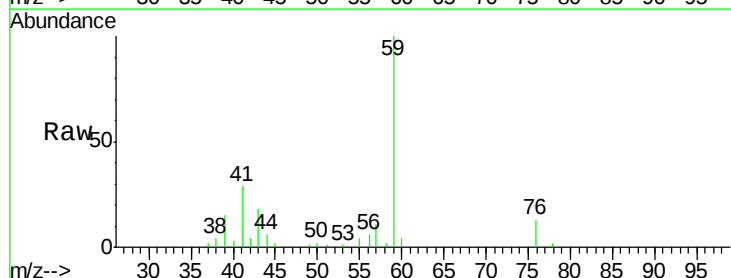
Acq: 18 Sep 2019 22:24

Tgt Ion: 59 Resp: 96911

Ion Ratio Lower Upper

59 100

57 10.2 8.6 13.0



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.75

30000

25000

20000

15000

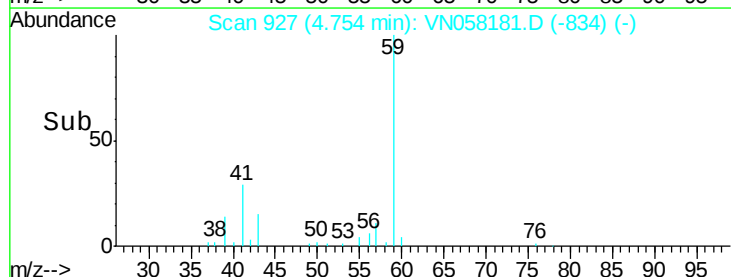
10000

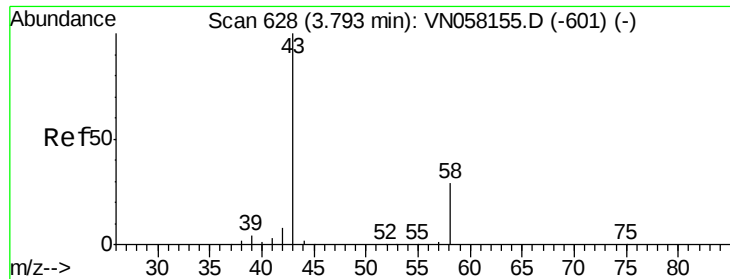
5000

0

4.60 4.70 4.80 4.90

Time-->

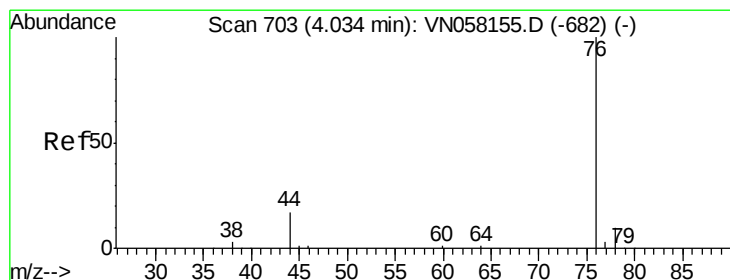
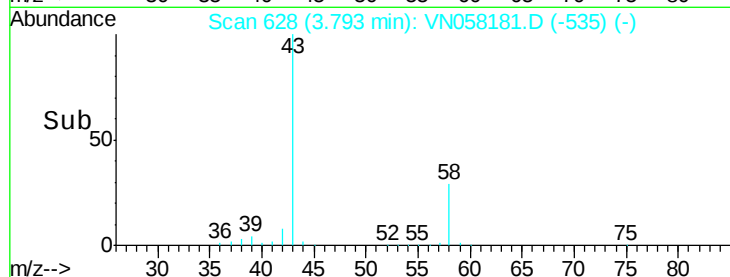
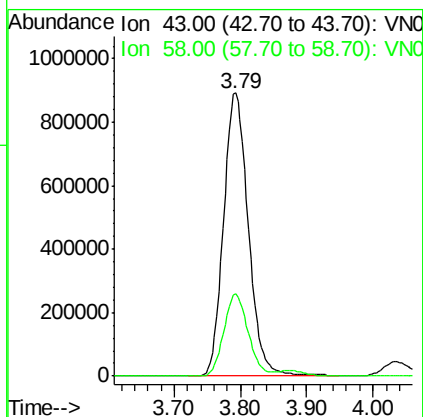
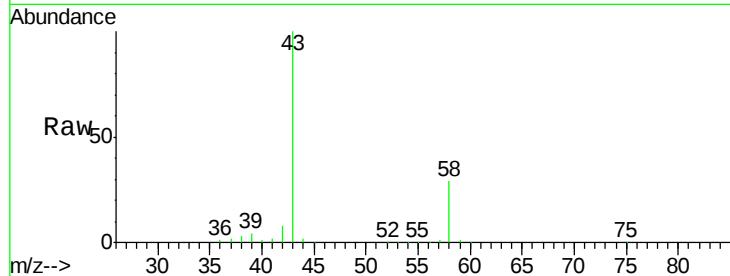




#16
Acetone
Concen: 815.896 ug/l
RT: 3.79 min Scan# 628
Delta R.T. 0.00 min
Lab File: VN058181.D
Acq: 18 Sep 2019 22:24

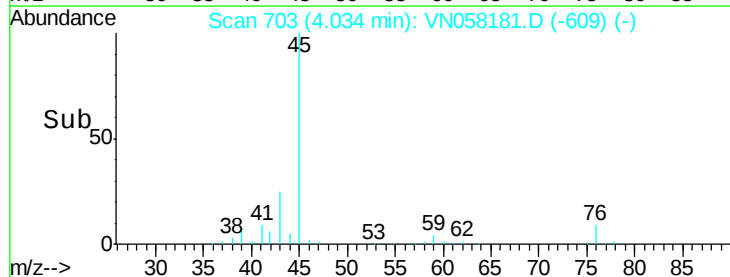
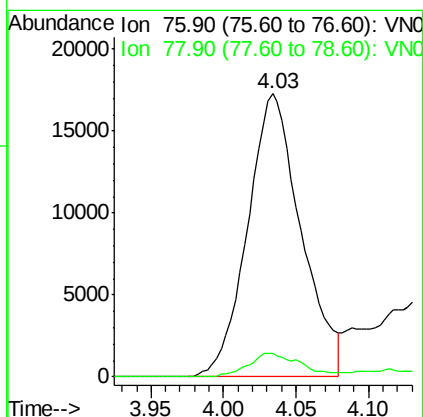
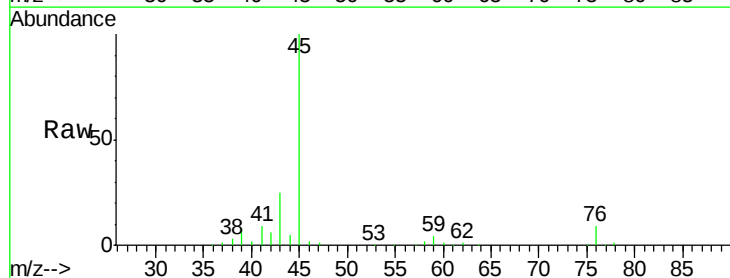
Instrument :
MSVOA_N
ClientSampleId :
40278

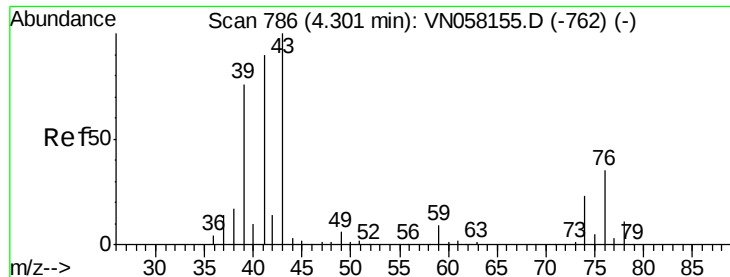
Tot Ion: 43 Resp: 2315513
Ion Ratio Lower Upper
43 100
58 28.8 23.4 35.2



#17
Carbon Disulfide
Concen: 8.778 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN058181.D
Acq: 18 Sep 2019 22:24

Tgt Ion: 76 Resp: 44340
Ion Ratio Lower Upper
76 100
78 8.1 7.7 11.5

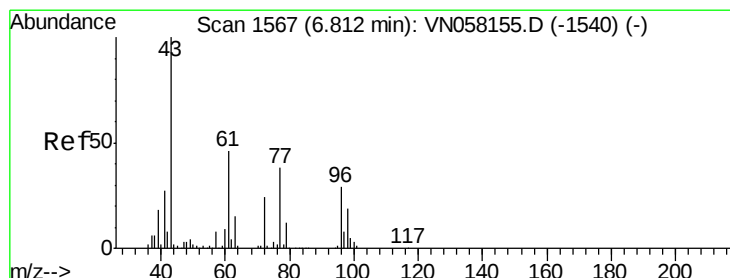
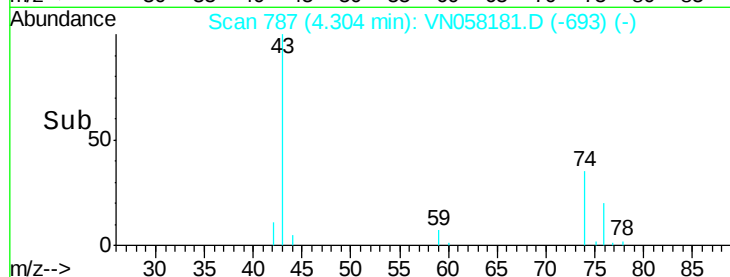
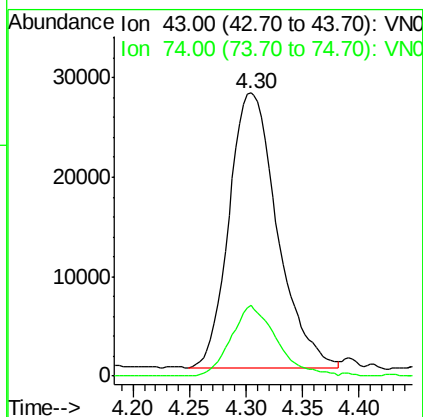
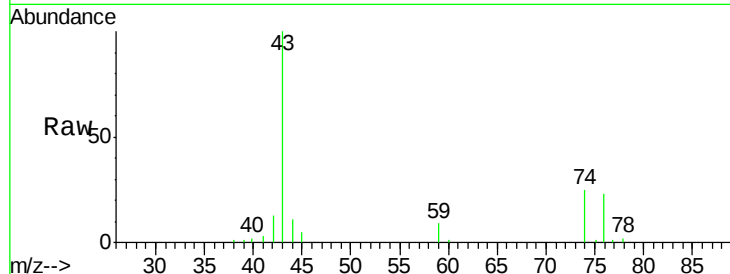




#18
Methvl Acetate
Concen: 11.024 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058181.D
Acq: 18 Sep 2019 22:24

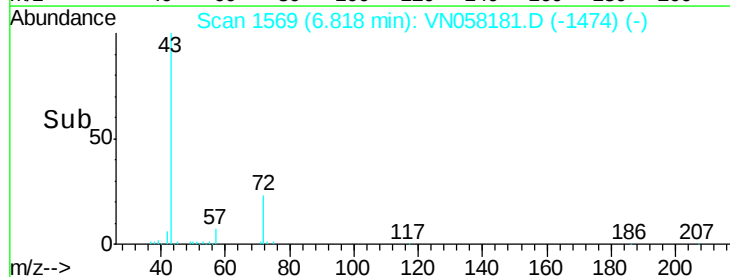
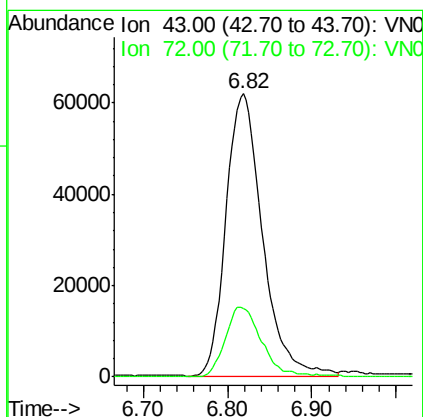
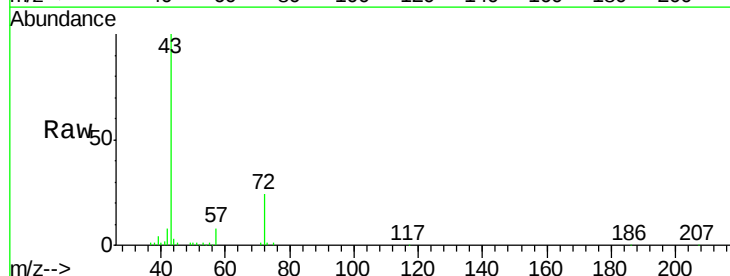
Instrument :
MSVOA_N
ClientSampled :
40278

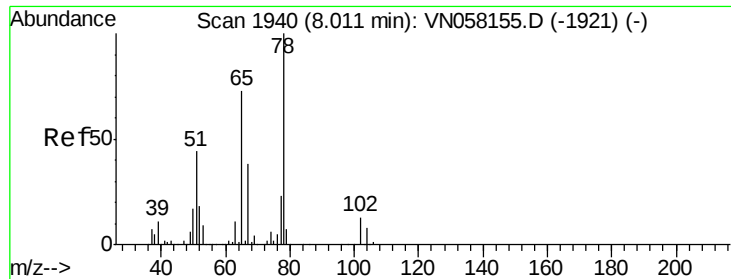
Tot Ion: 43 Resp: 82327
Ion Ratio Lower Upper
43 100
74 24.2 18.0 27.0



#25
2-Butanone
Concen: 48.147 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN058181.D
Acq: 18 Sep 2019 22:24

Tgt Ion: 43 Resp: 186156
Ion Ratio Lower Upper
43 100
72 24.0 19.5 29.3

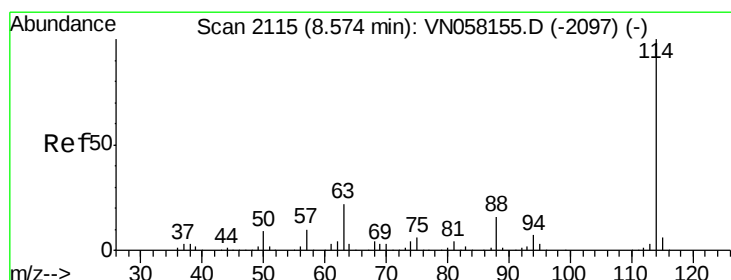
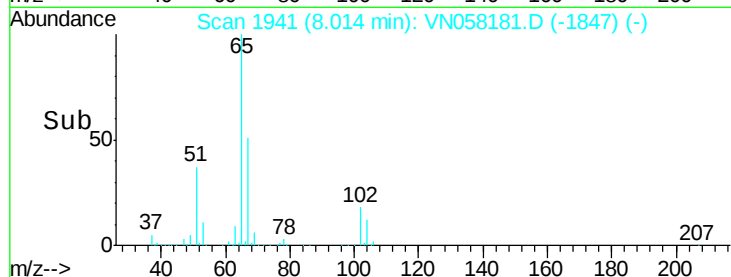
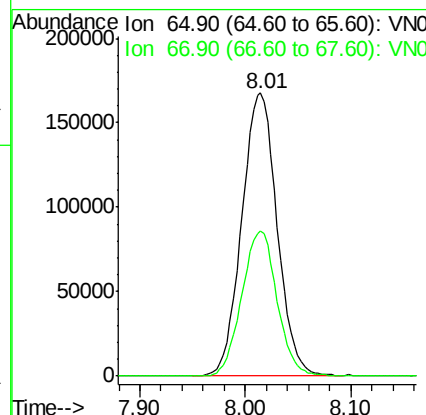
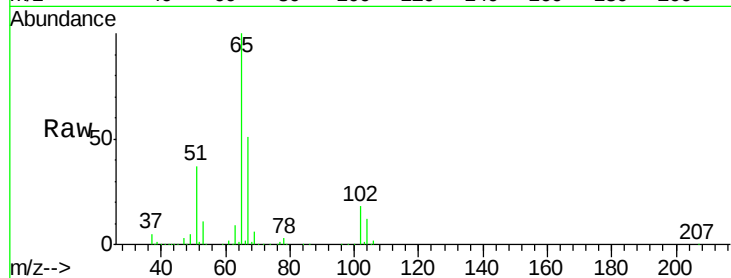




#33
 1,2-Dichloroethane-d4
 Concen: 46.740 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058181.D
 Acq: 18 Sep 2019 22:24

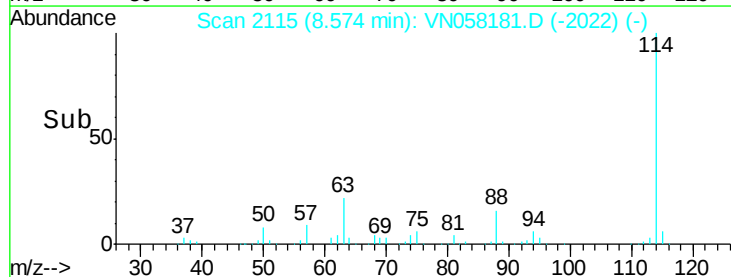
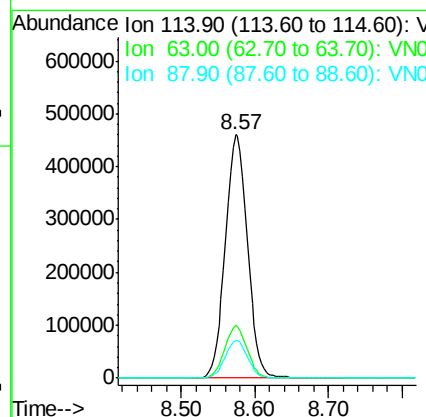
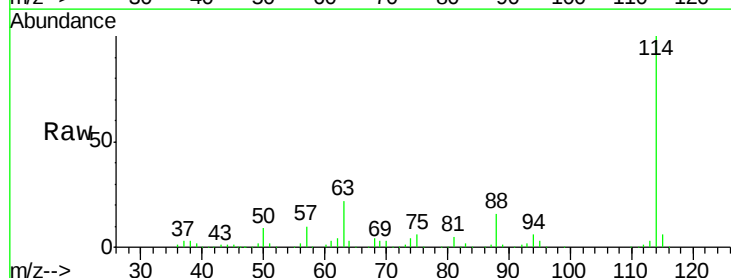
Instrument :
 MSVOA_N
 ClientSampleId :
 40278

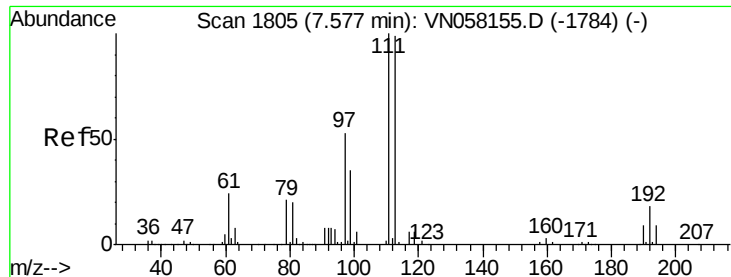
Tot Ion: 65 Resp: 390785
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058181.D
 Acq: 18 Sep 2019 22:24

Tgt Ion: 114 Resp: 964617
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 44.2
 88 15.6 0.0 31.6

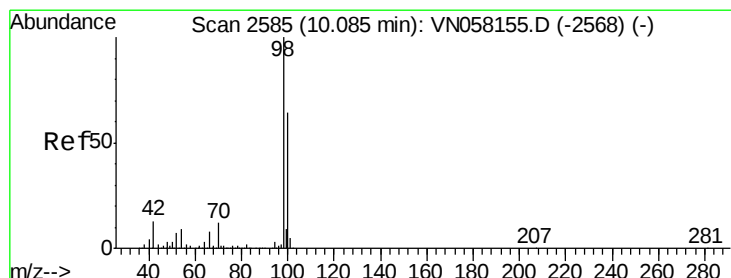
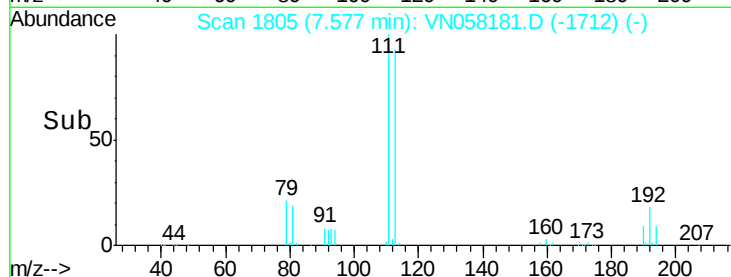
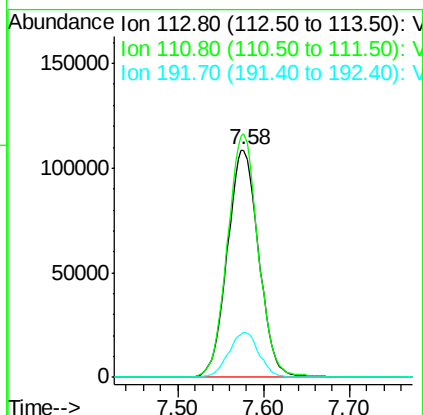
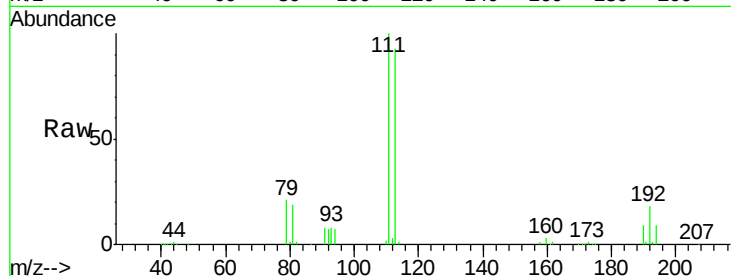




#35
Dibromofluoromethane
Concen: 47.045 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058181.D
Acq: 18 Sep 2019 22:24

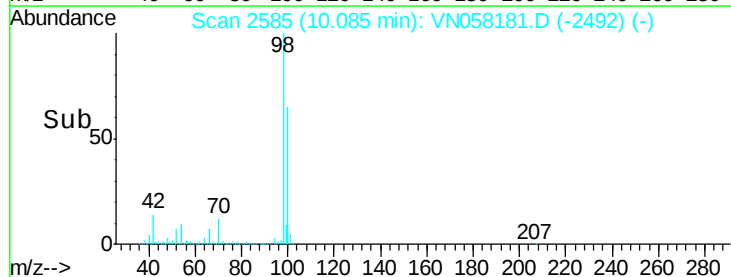
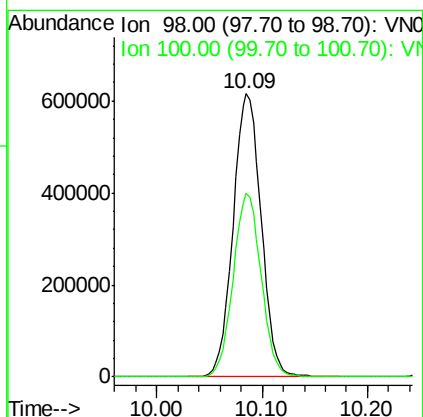
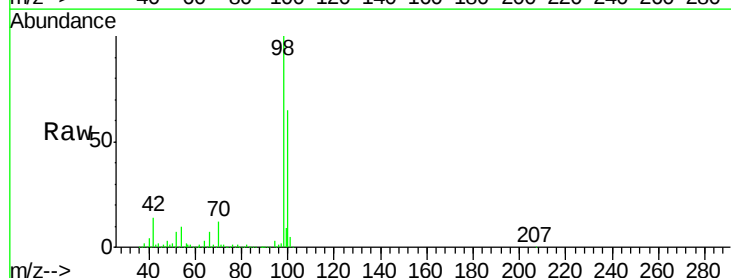
Instrument :
MSVOA_N
ClientSampled :
40278

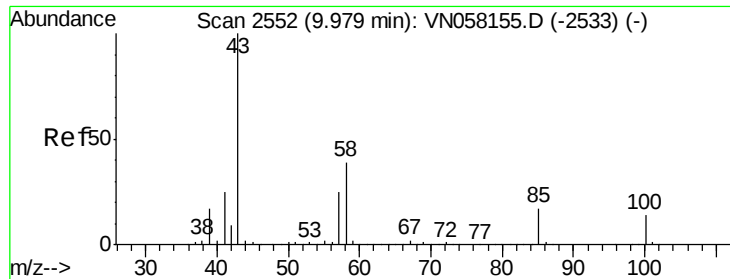
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.8	122.6
192	19.0	14.5	21.7



#50
Toluene-d8
Concen: 49.632 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058181.D
Acq: 18 Sep 2019 22:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 2.404 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058181.D

Acq: 18 Sep 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

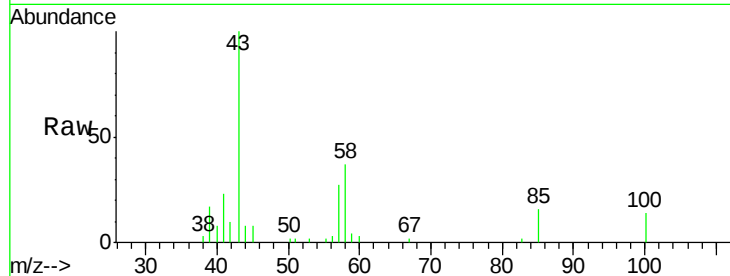
40278

Tot Ion: 43 Resp: 17213

Ion Ratio Lower Upper

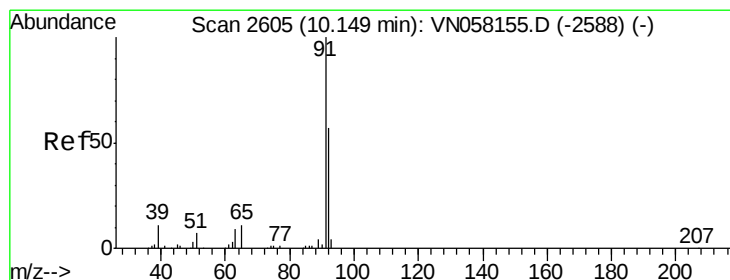
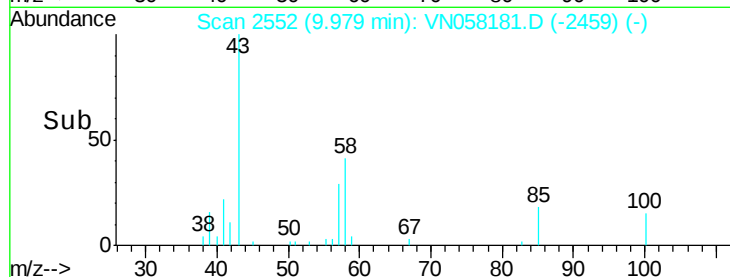
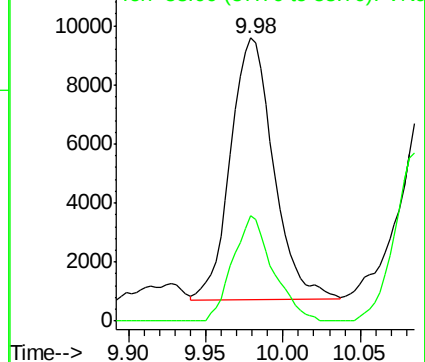
43 100

58 37.2 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 4.889 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058181.D

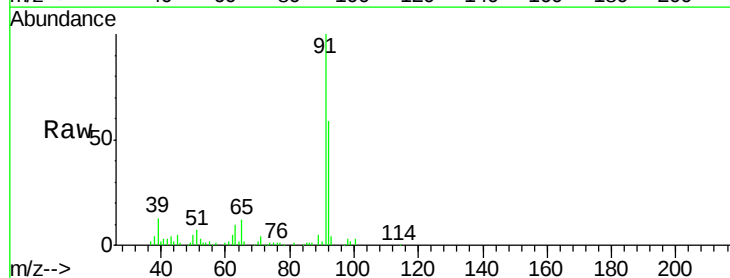
Acq: 18 Sep 2019 22:24

Tgt Ion: 92 Resp: 65103

Ion Ratio Lower Upper

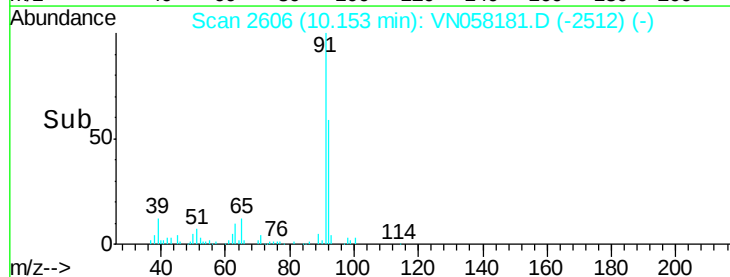
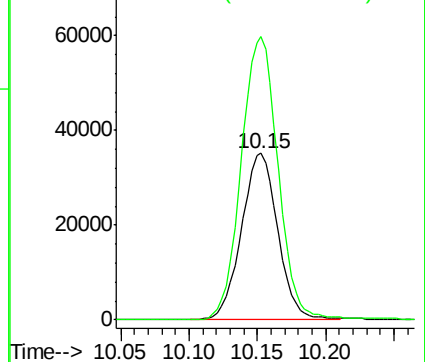
92 100

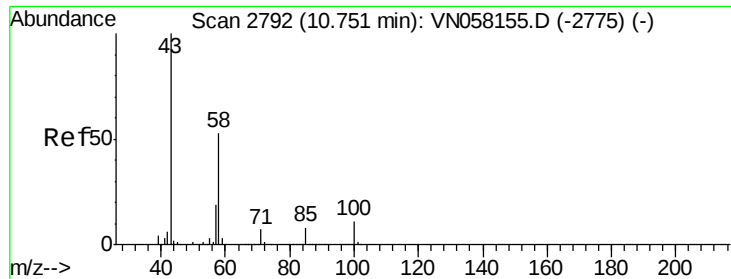
91 172.1 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

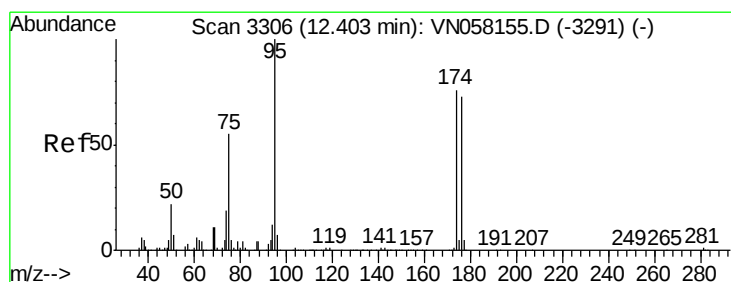
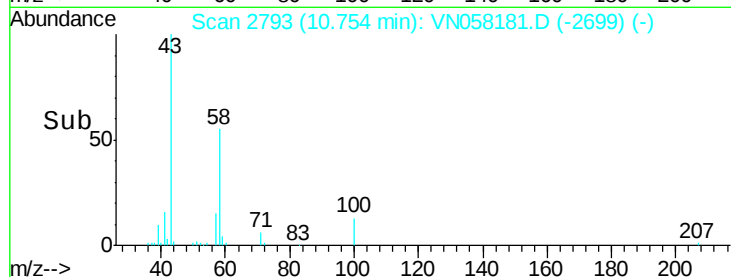
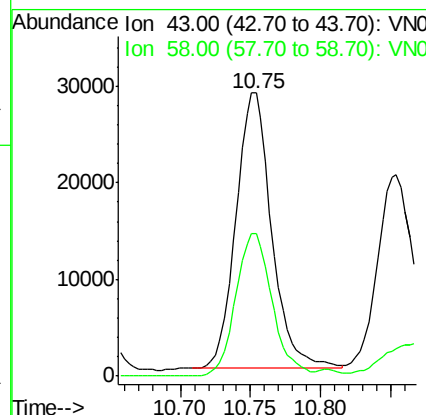
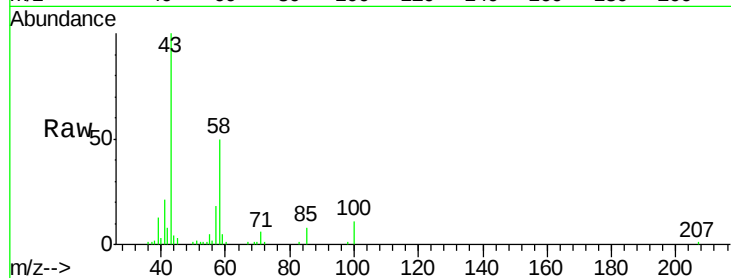




#59
2-Hexanone
Concen: 9.512 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN058181.D
Acq: 18 Sep 2019 22:24

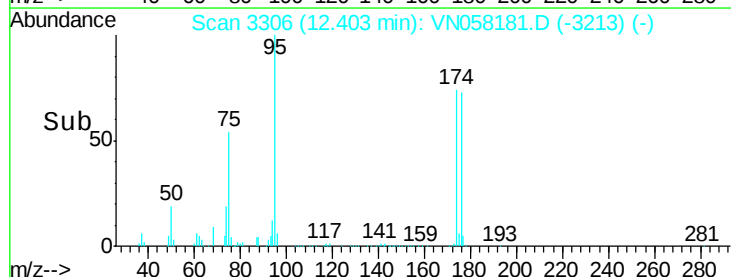
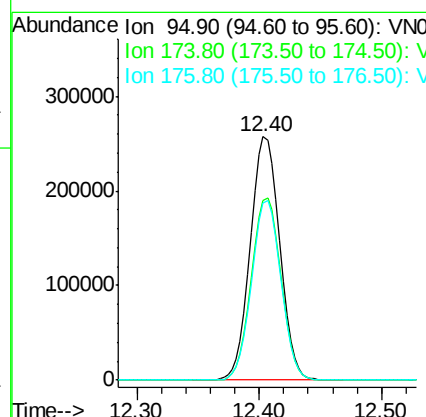
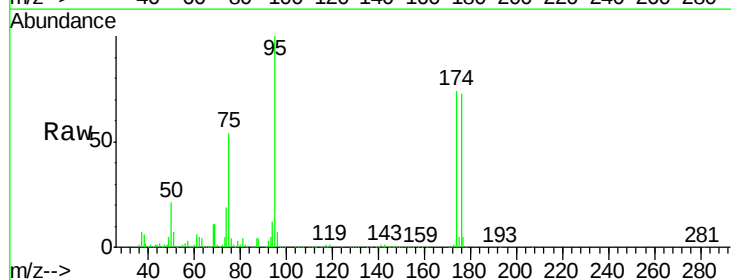
Instrument :
MSVOA_N
ClientSampled :
40278

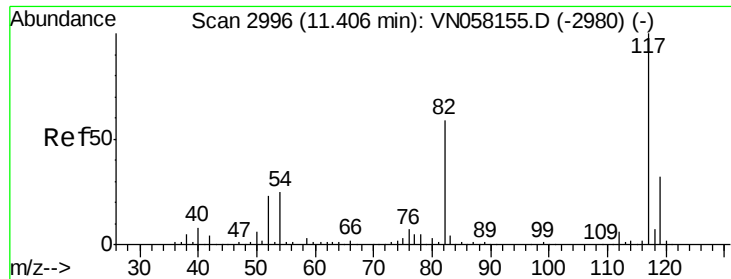
Tot Ion: 43 Resp: 50589
Ion Ratio Lower Upper
43 100
58 52.7 26.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.182 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058181.D
Acq: 18 Sep 2019 22:24

Tgt Ion: 95 Resp: 425900
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.2
176 73.4 0.0 148.0

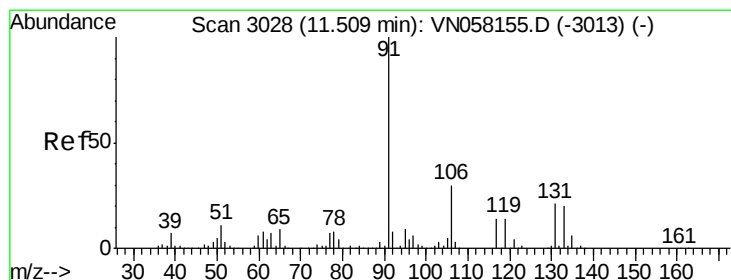
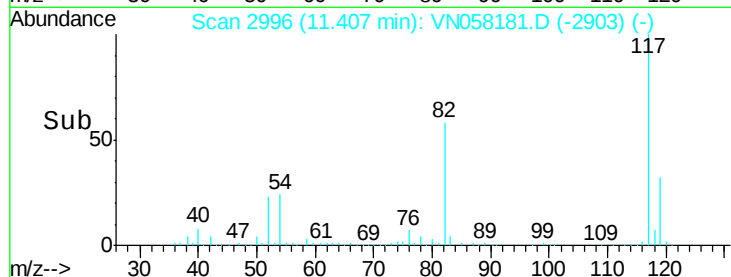
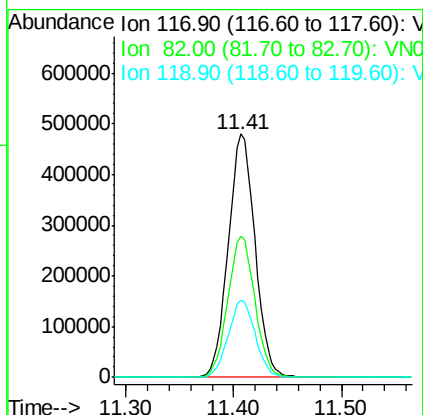
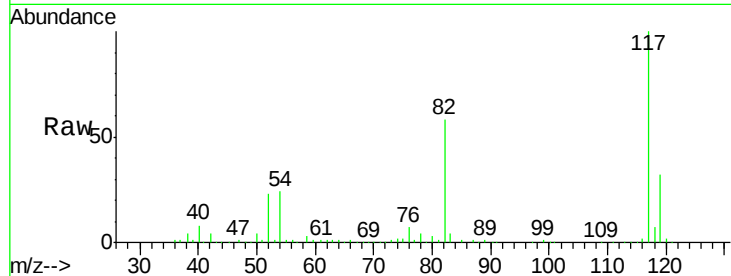




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058181.D
Acq: 18 Sep 2019 22:24

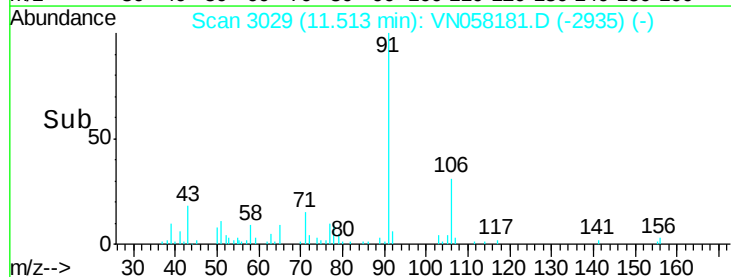
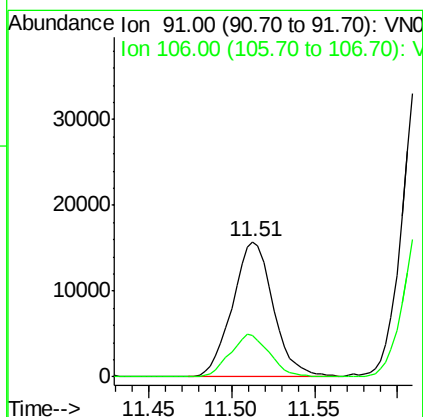
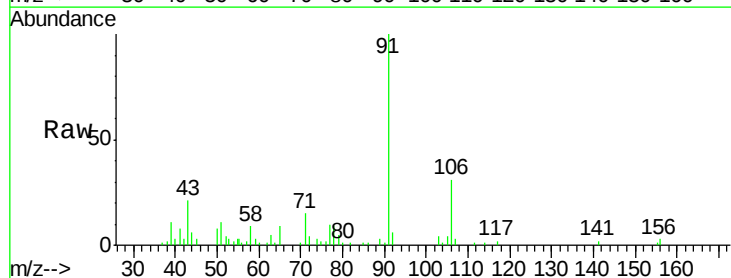
Instrument :
MSVOA_N
ClientSampled :
40278

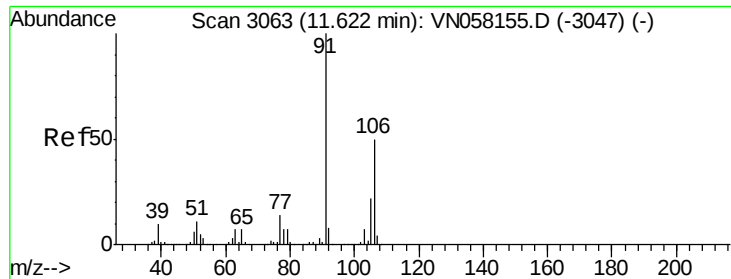
Tot Ion:117 Resp: 832192
Ion Ratio Lower Upper
117 100
82 58.1 46.9 70.3
119 31.6 25.3 37.9



#67
Ethyl Benzene
Concen: 1.076 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058181.D
Acq: 18 Sep 2019 22:24

Tgt Ion: 91 Resp: 26997
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0

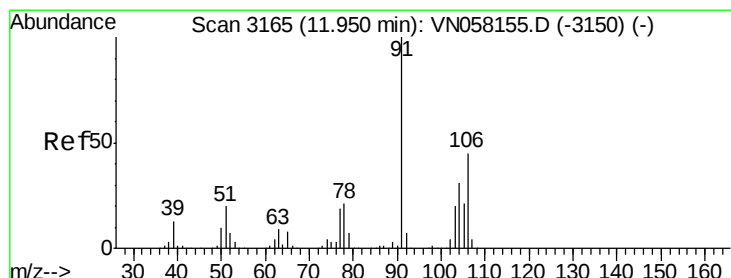
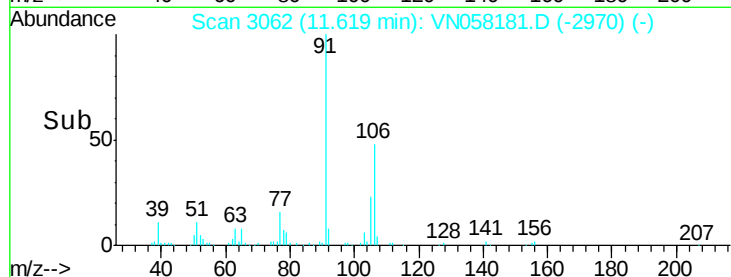
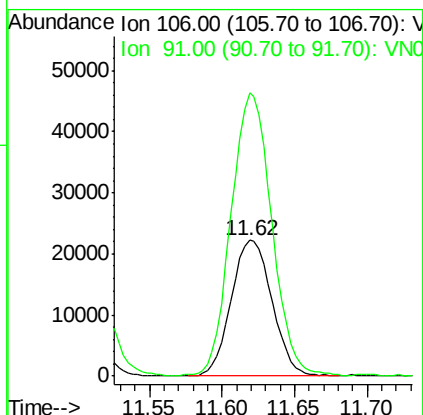
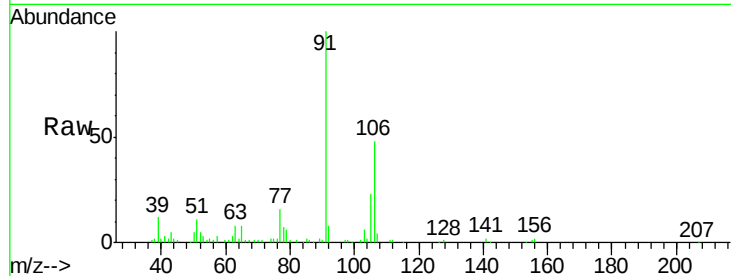




#68
m/p-Xylenes
Concen: 4.607 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058181.D
Acq: 18 Sep 2019 22:24

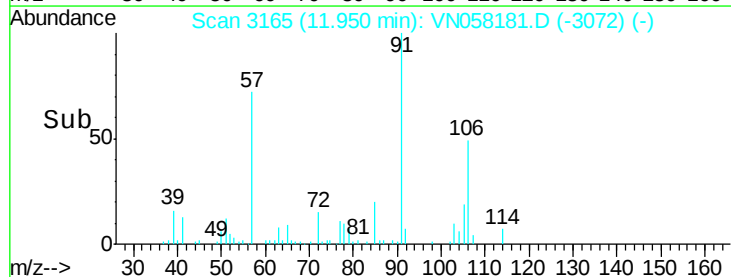
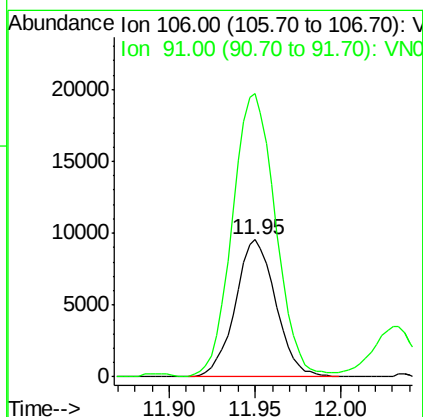
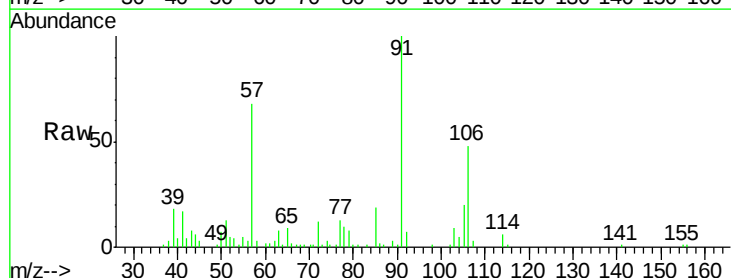
Instrument :
MSVOA_N
ClientSampled :
40278

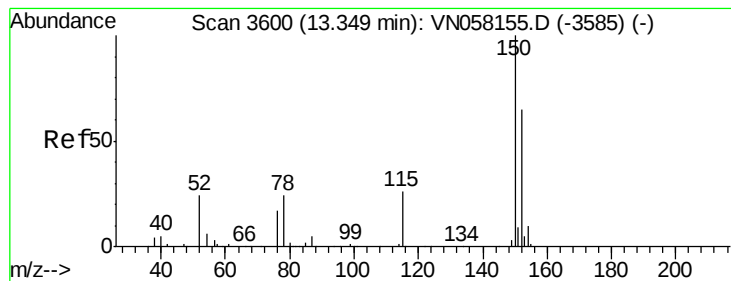
Tot Ion:106 Resp: 43524
Ion Ratio Lower Upper
106 100
91 207.8 163.6 245.4



#69
o-Xylene
Concen: 1.687 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058181.D
Acq: 18 Sep 2019 22:24

Tgt Ion:106 Resp: 15670
Ion Ratio Lower Upper
106 100
91 220.5 111.8 335.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058181.D

Acq: 18 Sep 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

40278

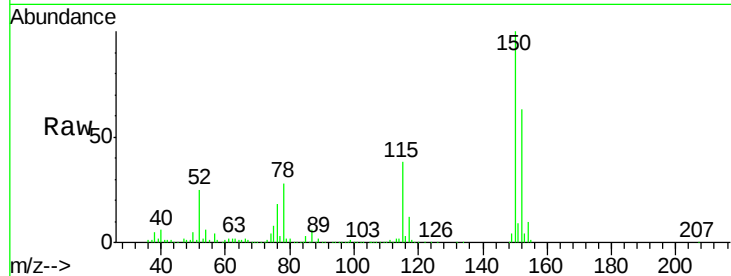
Tot Ion:152 Resp: 408310

Ion Ratio Lower Upper

152 100

115 61.5 30.1 90.3

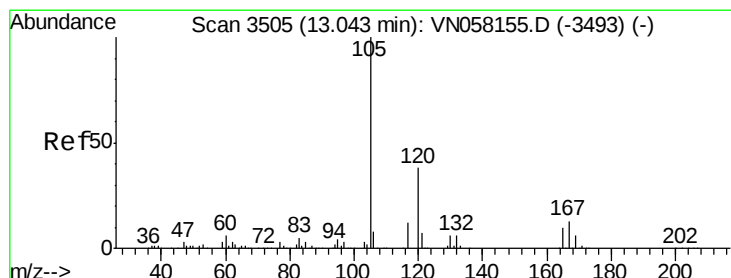
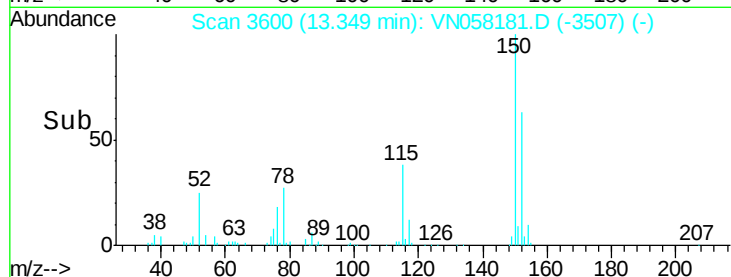
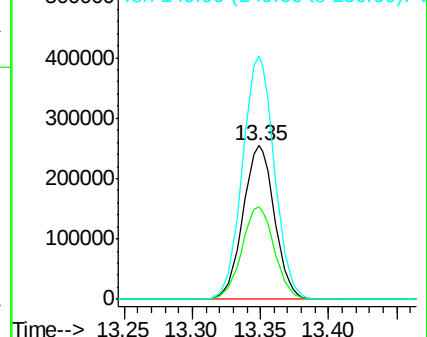
150 159.4 0.0 346.4



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



#84

1,2,4-Trimethylbenzene

Concen: 2.138 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058181.D

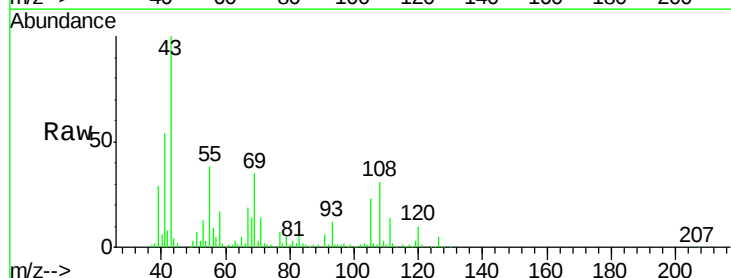
Acq: 18 Sep 2019 22:24

Tgt Ion:105 Resp: 45976

Ion Ratio Lower Upper

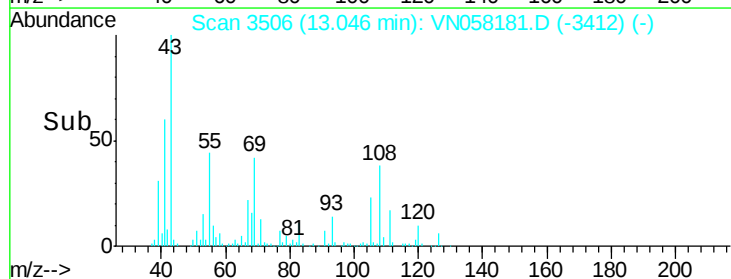
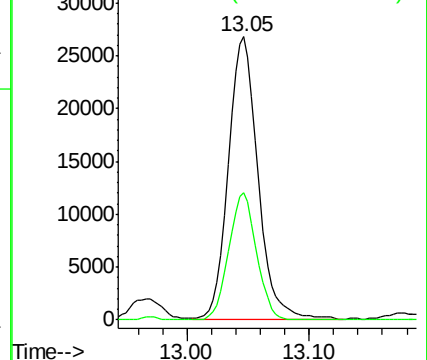
105 100

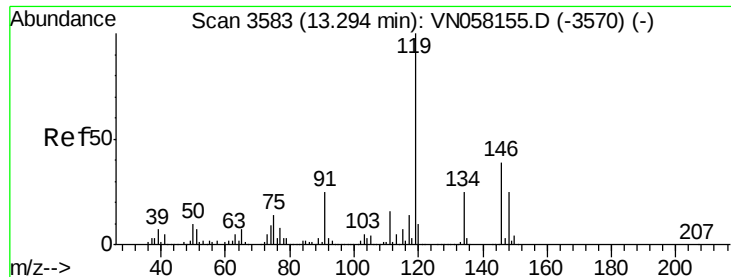
120 41.4 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#86

p-Isopropyltoluene

Concen: 1.168 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN058181.D

Acq: 18 Sep 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

40278

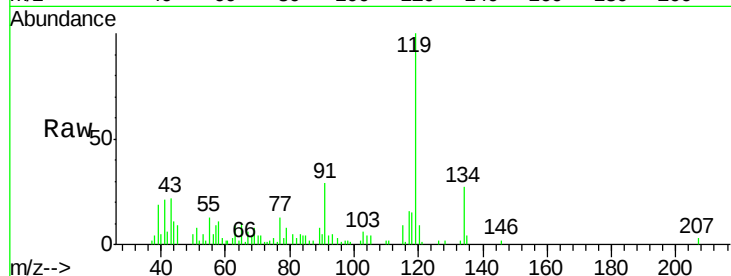
Tot Ion:119 Resp: 26167

Ion Ratio Lower Upper

119 100

134 21.3 12.7 38.0

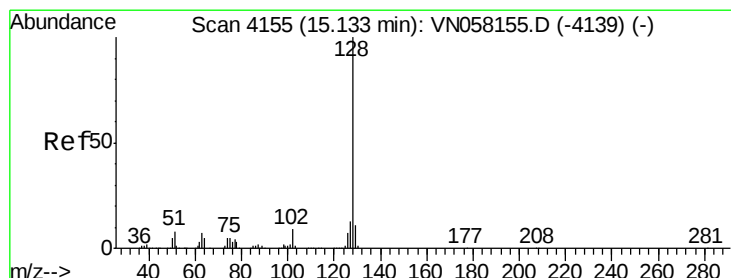
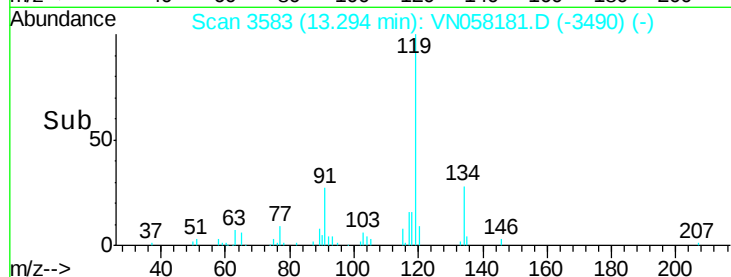
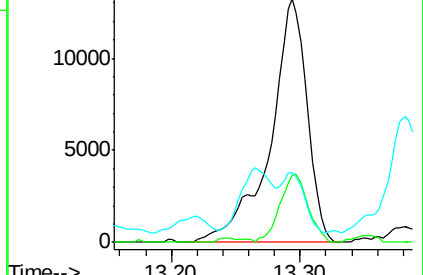
91 13.9 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#95

Naphthalene

Concen: 22.202 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058181.D

Acq: 18 Sep 2019 22:24

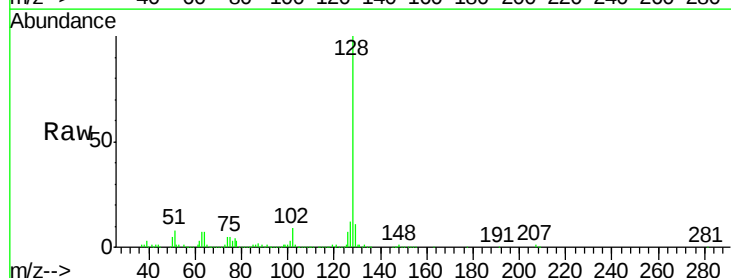
Tgt Ion:128 Resp: 433015

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.4 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

