

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063314.D
 Acq On : 2 Aug 2019 14:06
 Operator : VA/AP
 Sample : K4120-05RE
 Misc : 5.38g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T2-2RE

Quant Time: Aug 04 04:13:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

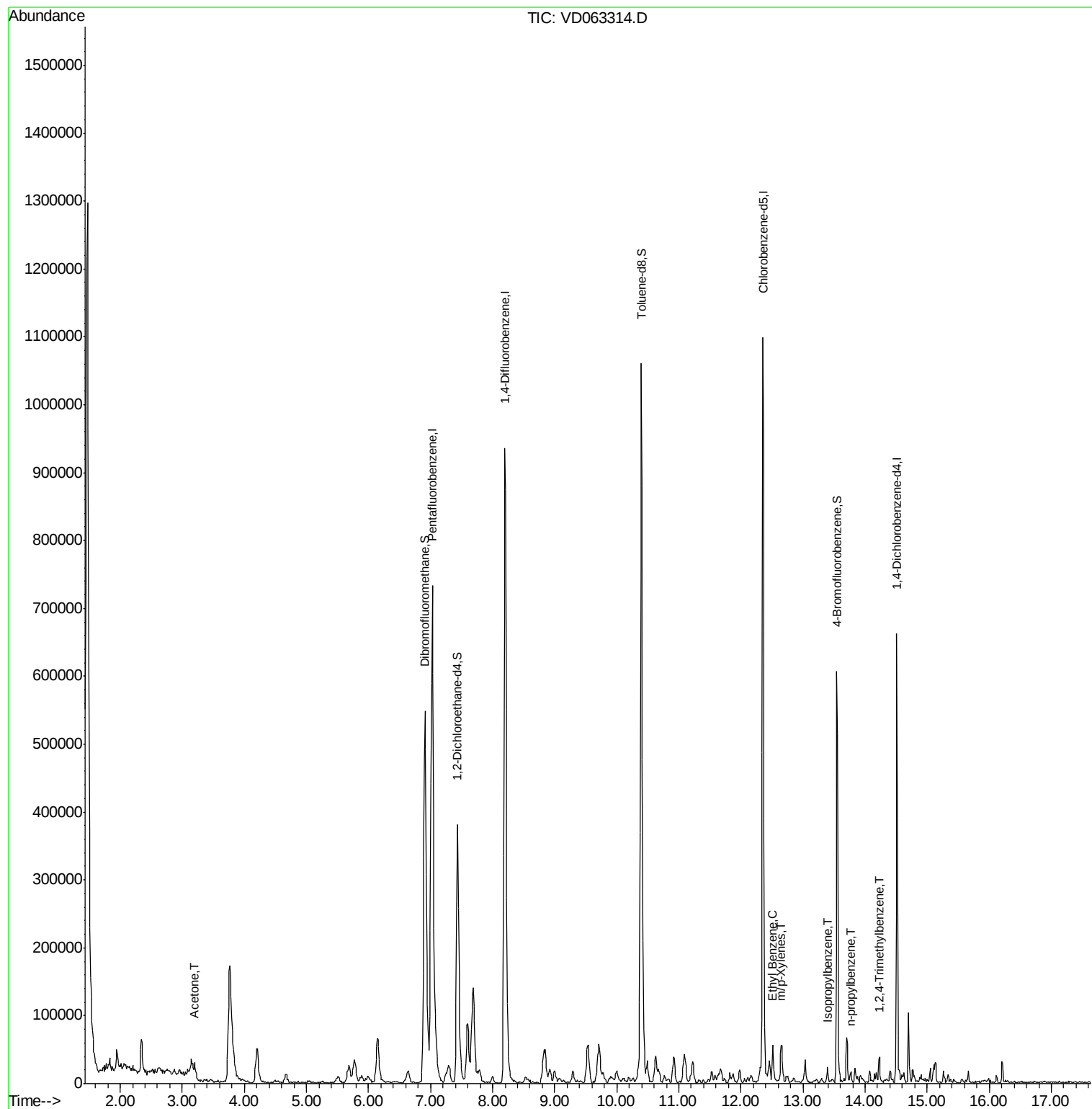
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	709013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1026613	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	615022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	137226	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	417373	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
35) Dibromofluoromethane	6.91	113	462780	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
50) Toluene-d8	10.39	98	850206	43.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.68%	
62) 4-Bromofluorobenzene	13.54	95	172586	19.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.62%	
Target Compounds						
16) Acetone	3.20	43	41181	26.866	ug/l	98
67) Ethyl Benzene	12.51	91	36320	1.807	ug/l	94
68) m/p-Xylenes	12.65	106	14751	2.002	ug/l	94
73) Isopropylbenzene	13.40	105	11833	1.374	ug/l	92
78) n-propylbenzene	13.77	91	10685	1.043	ug/l	81
84) 1,2,4-Trimethylbenzene	14.23	105	16506	2.148	ug/l	89

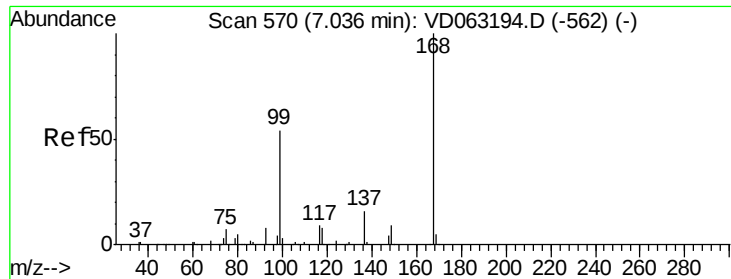
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080219\
Data File : VD063314.D
Acq On : 2 Aug 2019 14:06
Operator : VA/AP
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Misc : 5.38g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T2-2RE

Quant Time: Aug 04 04:13:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
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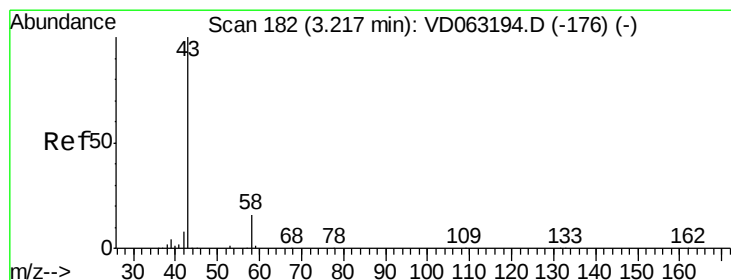
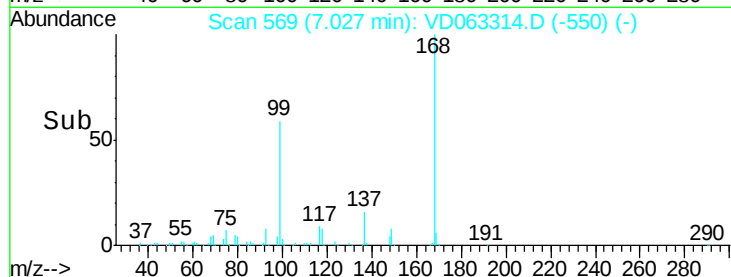
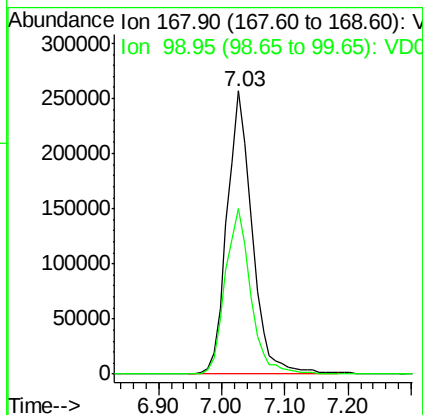
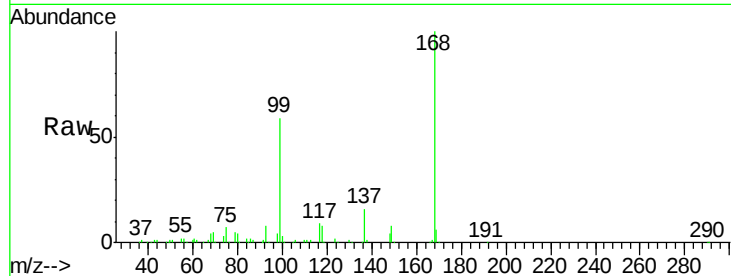


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VD063314.D
 Acq: 2 Aug 2019 14:06

Instrument :
 MSVOA_D
 ClientSampleId :
 T2-2RE

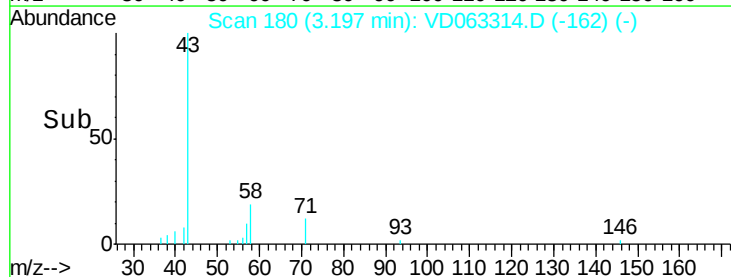
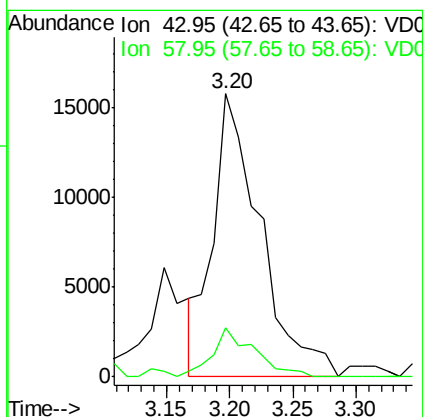
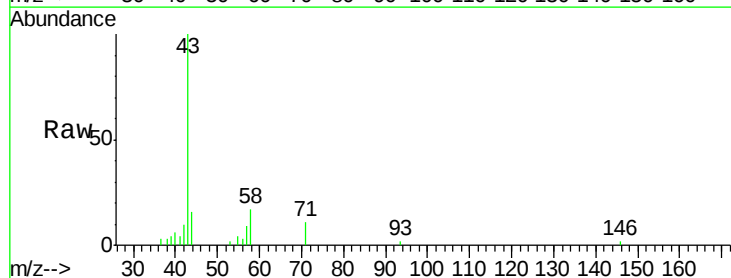
Tot Ion:168 Resp: 709013
 Ion Ratio Lower Upper
 168 100
 99 58.6 43.7 65.5

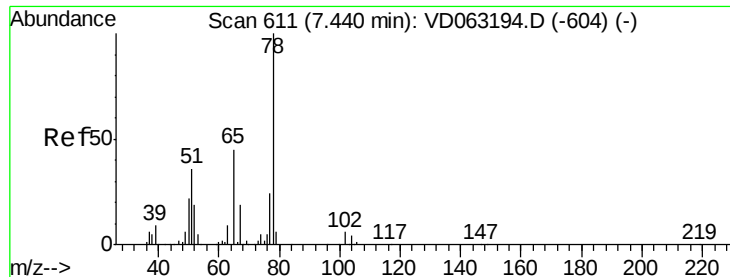


#16

Acetone
 Concen: 26.866 ug/l
 RT: 3.20 min Scan# 180
 Delta R.T. -0.02 min
 Lab File: VD063314.D
 Acq: 2 Aug 2019 14:06

Tgt Ion: 43 Resp: 41181
 Ion Ratio Lower Upper
 43 100
 58 17.2 13.0 19.4





#33

1,2-Dichloroethane-d4

Concen: 53.052 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD063314.D

Acq: 2 Aug 2019 14:06

Instrument :

MSVOA_D

ClientSampleId :

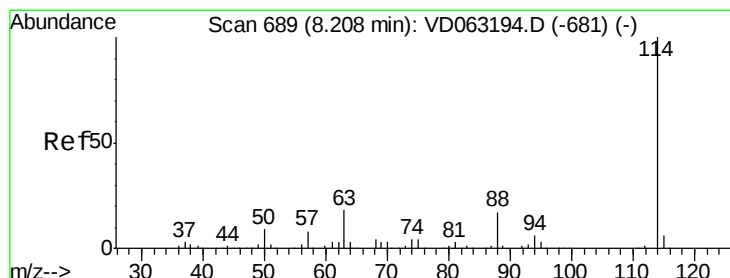
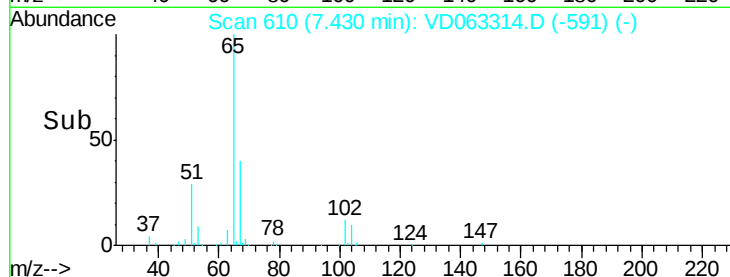
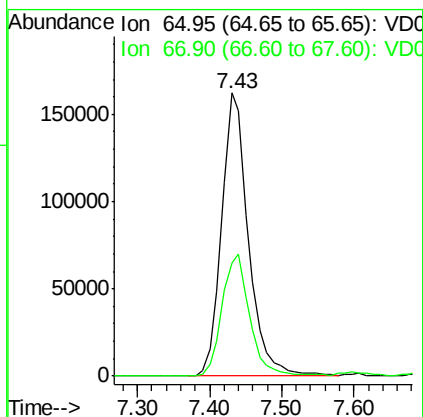
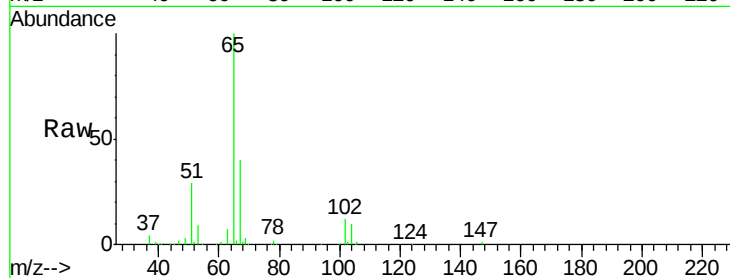
T2-2RE

Tot Ion: 65 Resp: 417373

Ion Ratio Lower Upper

65 100

67 40.2 0.0 85.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. -0.01 min

Lab File: VD063314.D

Acq: 2 Aug 2019 14:06

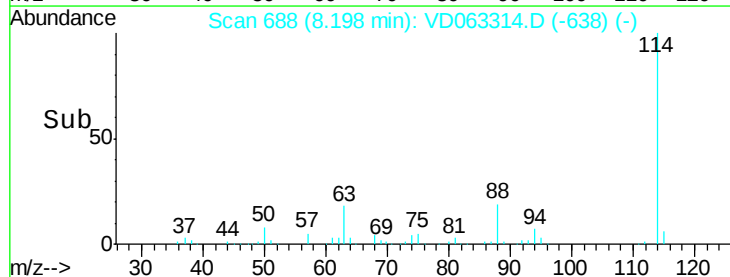
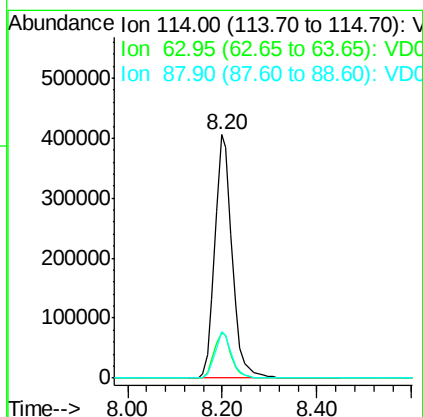
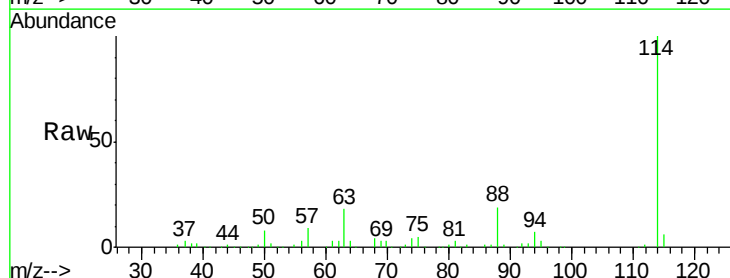
Tgt Ion: 114 Resp: 1026613

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.2

88 19.0 0.0 34.6





#35

Dibromofluoromethane

Concen: 52.798 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.00 min

Lab File: VD063314.D

Acq: 2 Aug 2019 14:06

Instrument :

MSVOA_D

ClientSampleId :

T2-2RE

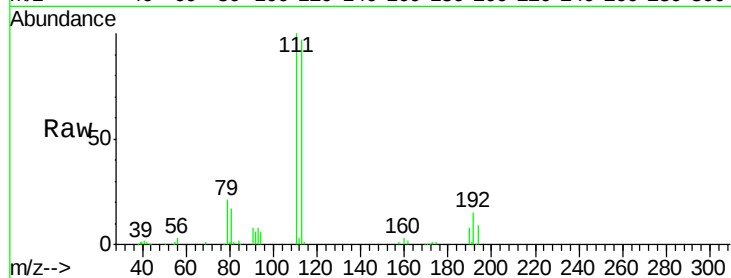
Tot Ion:113 Resp: 462780

Ion Ratio Lower Upper

113 100

111 102.6 83.2 124.8

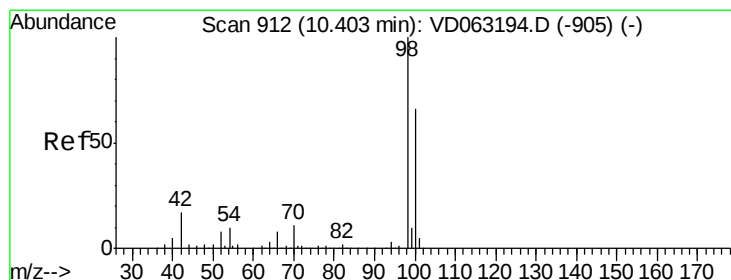
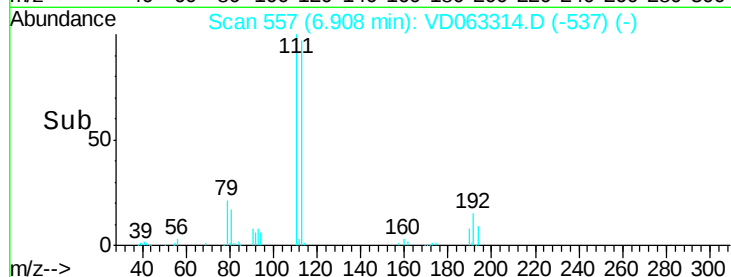
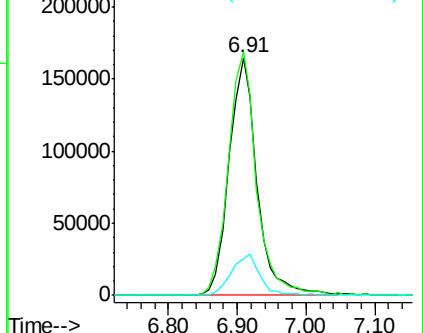
192 15.2 11.8 17.8



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: 43.342 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD063314.D

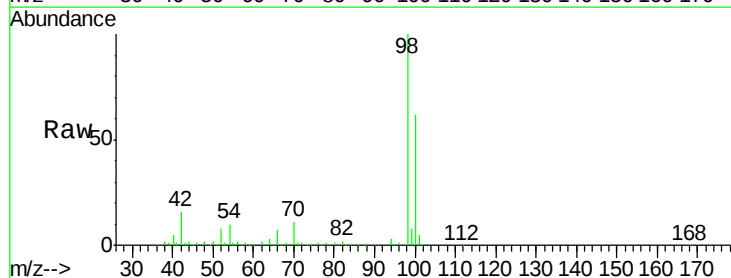
Acq: 2 Aug 2019 14:06

Tgt Ion: 98 Resp: 850206

Ion Ratio Lower Upper

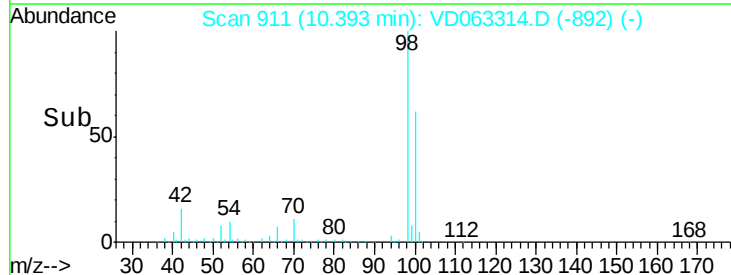
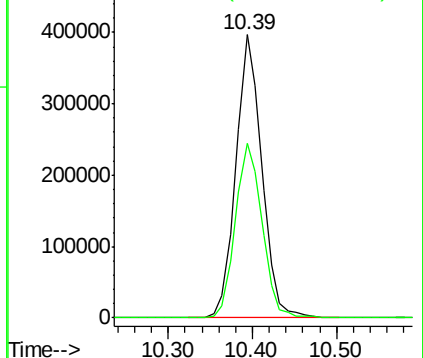
98 100

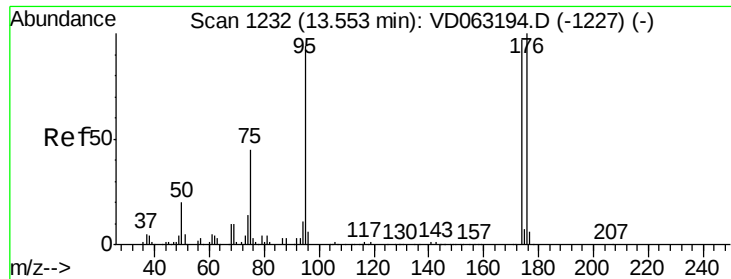
100 61.7 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

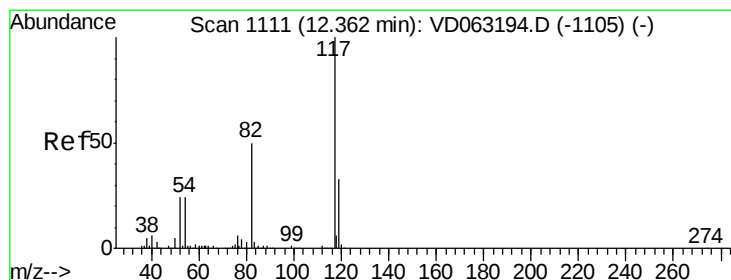
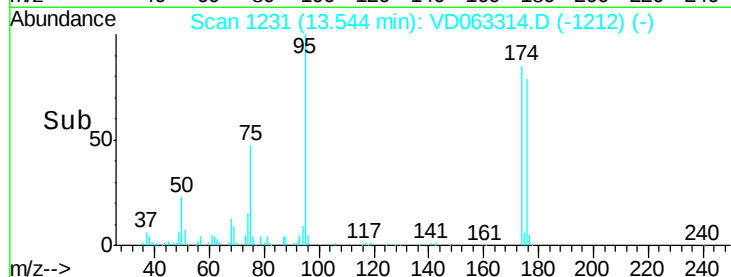
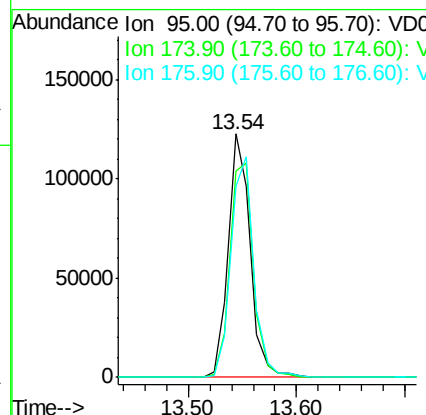
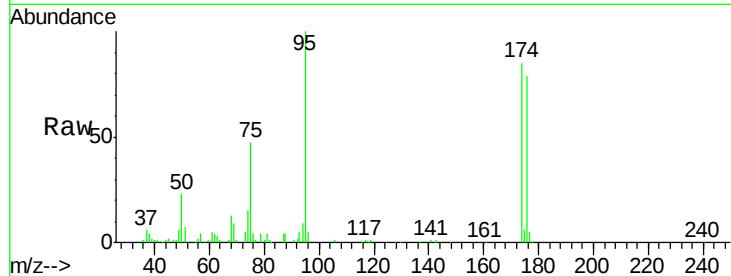




#62
4-Bromofluorobenzene
Concen: 19.307 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063314.D
Acq: 2 Aug 2019 14:06

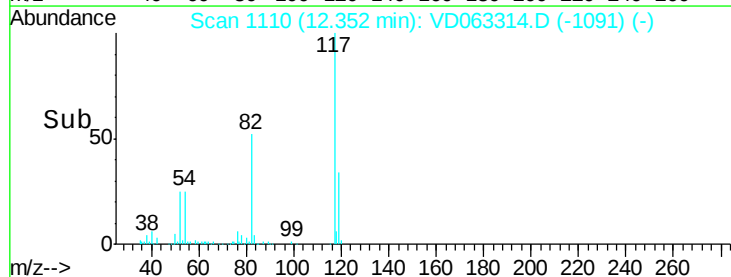
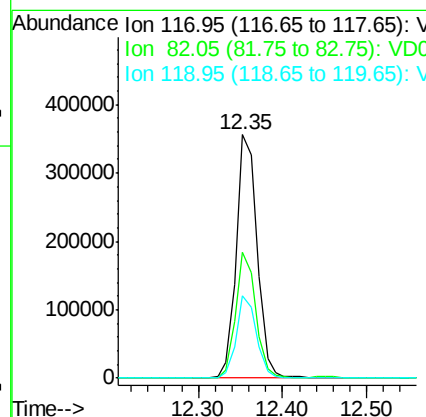
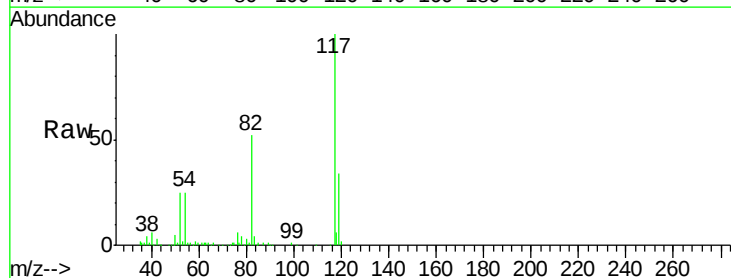
Instrument :
MSVOA_D
ClientSampleId :
T2-2RE

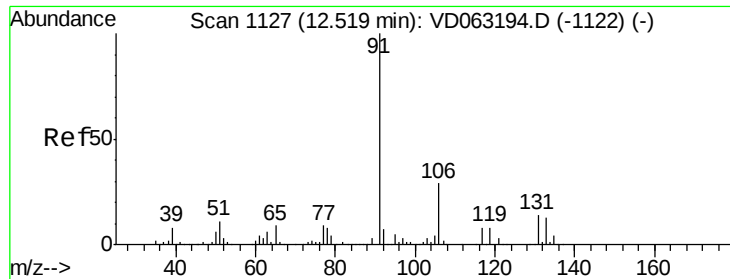
Tot Ion: 95 Resp: 172586
Ion Ratio Lower Upper
95 100
174 85.0 0.0 205.4
176 78.5 0.0 211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD063314.D
Acq: 2 Aug 2019 14:06

Tgt Ion: 117 Resp: 615022
Ion Ratio Lower Upper
117 100
82 51.6 40.1 60.1
119 33.6 26.5 39.7

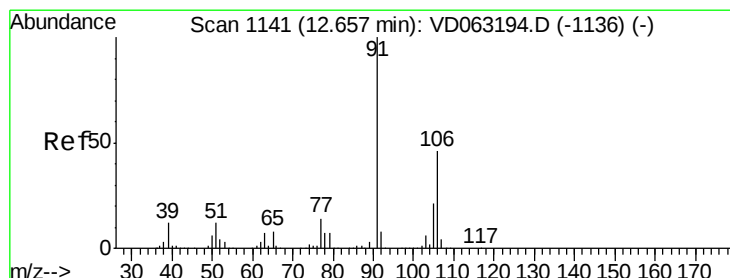
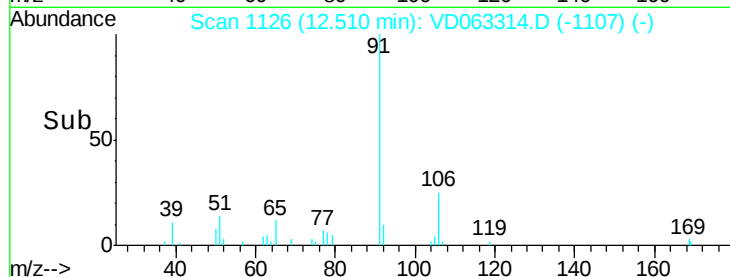
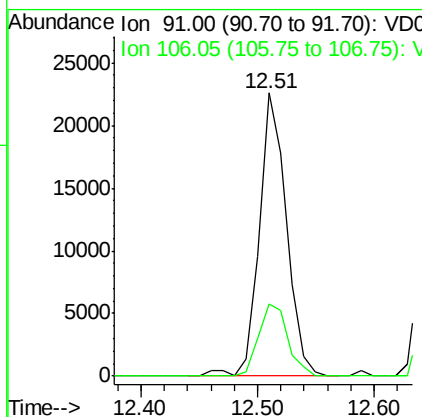
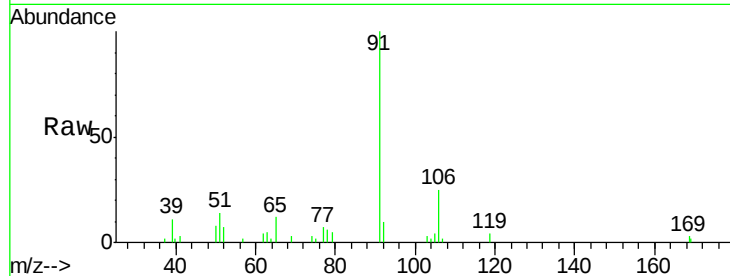




#67
Ethyl Benzene
Concen: 1.807 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VD063314.D
Acq: 2 Aug 2019 14:06

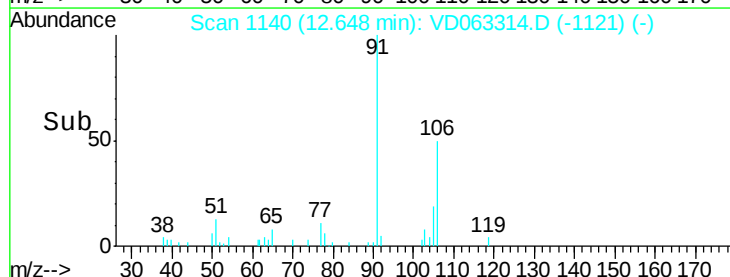
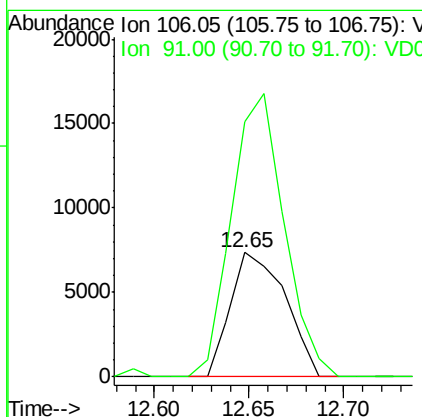
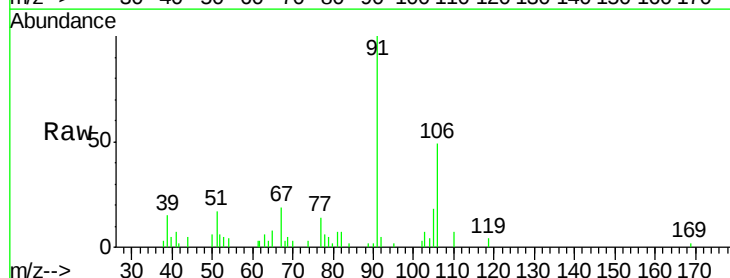
Instrument :
MSVOA_D
ClientSampleId :
T2-2RE

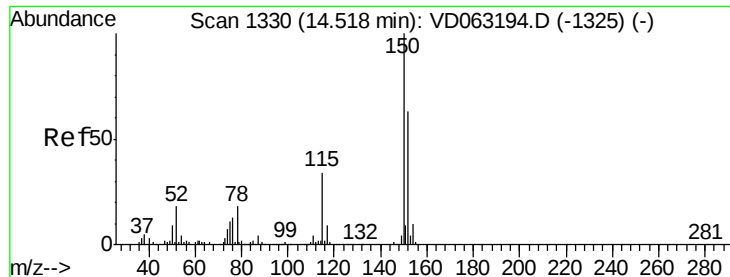
Tot Ion: 91 Resp: 36320
Ion Ratio Lower Upper
91 100
106 25.5 22.9 34.3



#68
m/p-Xylenes
Concen: 2.002 ug/l
RT: 12.65 min Scan# 1140
Delta R.T. -0.01 min
Lab File: VD063314.D
Acq: 2 Aug 2019 14:06

Tgt Ion: 106 Resp: 14751
Ion Ratio Lower Upper
106 100
91 205.5 172.6 259.0



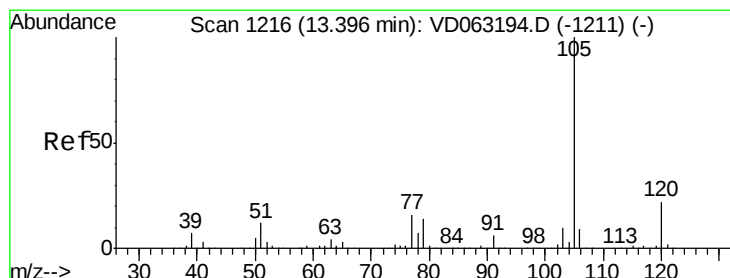
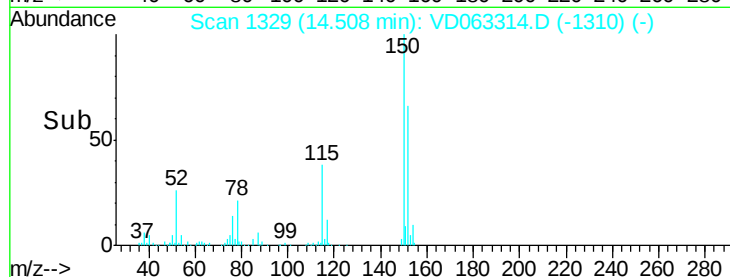
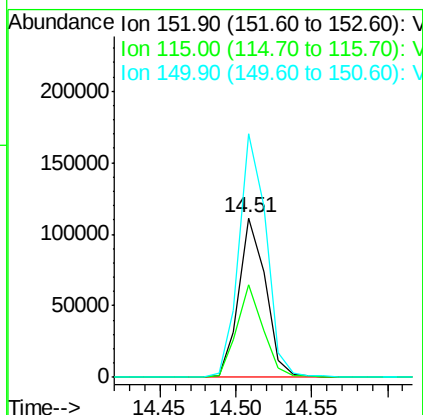
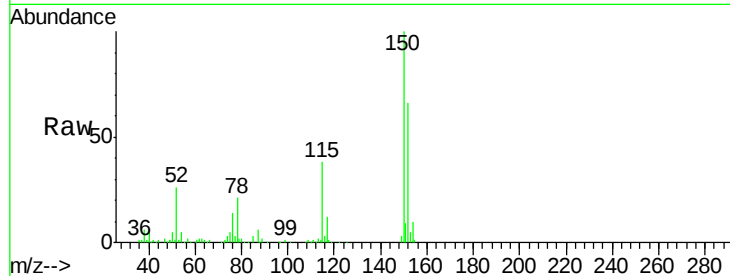


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063314.D
Acq: 2 Aug 2019 14:06

Instrument :
MSVOA_D
ClientSampleId :
T2-2RE

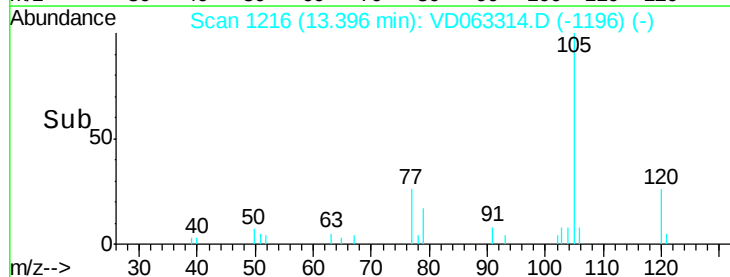
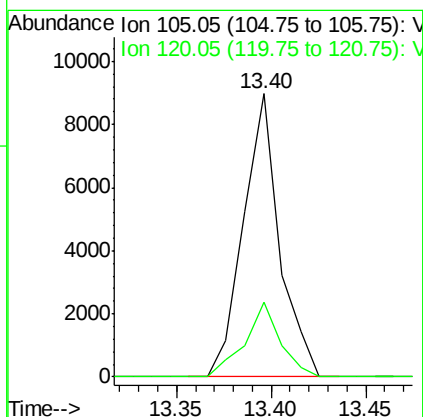
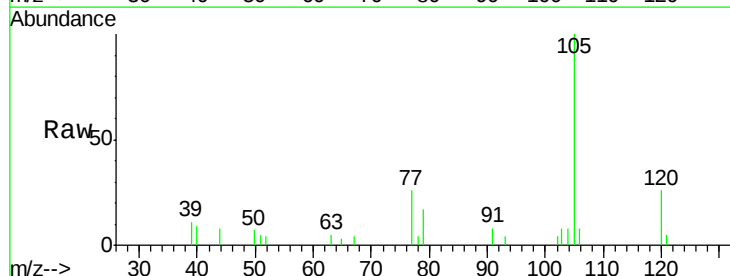
Tot Ion:152 Resp: 137226
Ion Ratio Lower Upper
152 100
115 58.2 27.5 82.4
150 152.5 0.0 320.6

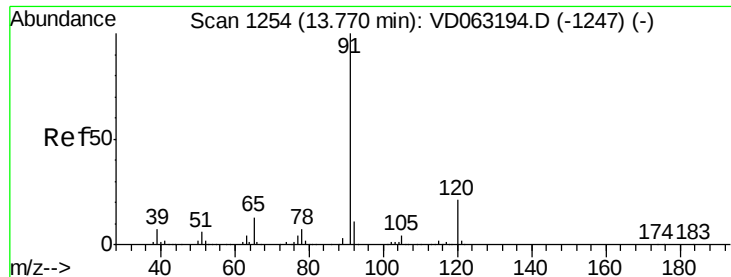


#73

Isopropylbenzene
Concen: 1.374 ug/l
RT: 13.40 min Scan# 1216
Delta R.T. 0.00 min
Lab File: VD063314.D
Acq: 2 Aug 2019 14:06

Tgt Ion:105 Resp: 11833
Ion Ratio Lower Upper
105 100
120 26.2 11.1 33.3





#78

n-propylbenzene

Concen: 1.043 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VD063314.D

Acq: 2 Aug 2019 14:06

Instrument :

MSVOA_D

ClientSampled :

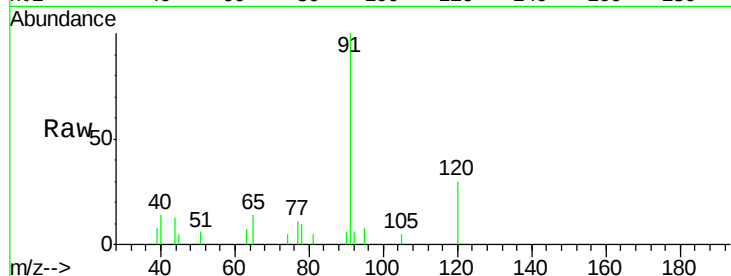
T2-2RE

Tot Ion: 91 Resp: 10685

Ion Ratio Lower Upper

91 100

120 30.2 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

13.77

8000

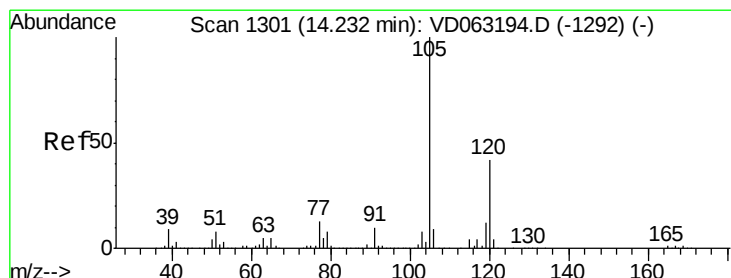
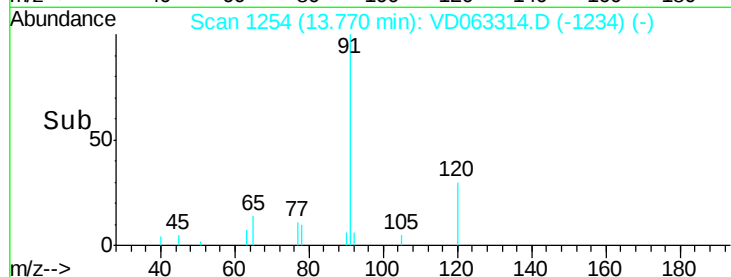
6000

4000

2000

0

Time--> 13.70 13.75 13.80



#84

1,2,4-Trimethylbenzene

Concen: 2.148 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VD063314.D

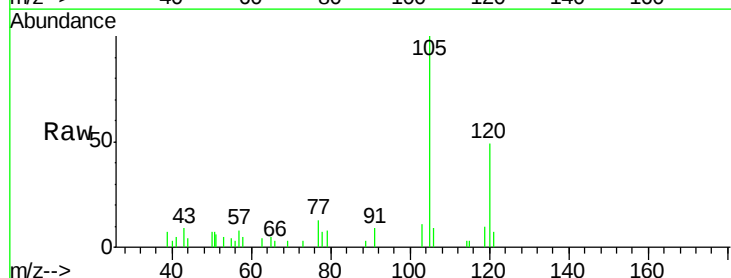
Acq: 2 Aug 2019 14:06

Tgt Ion:105 Resp: 16506

Ion Ratio Lower Upper

105 100

120 48.8 20.9 62.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

14.23

10000

5000

0

Time--> 14.20 14.25

