

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050819\
 Data File : VD062172.D
 Acq On : 8 May 2019 14:21
 Operator : FY/SY
 Sample : K2658-20
 Misc : 6.03g/5mL/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SB-W5-6(17-20)

Quant Time: May 11 02:23:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

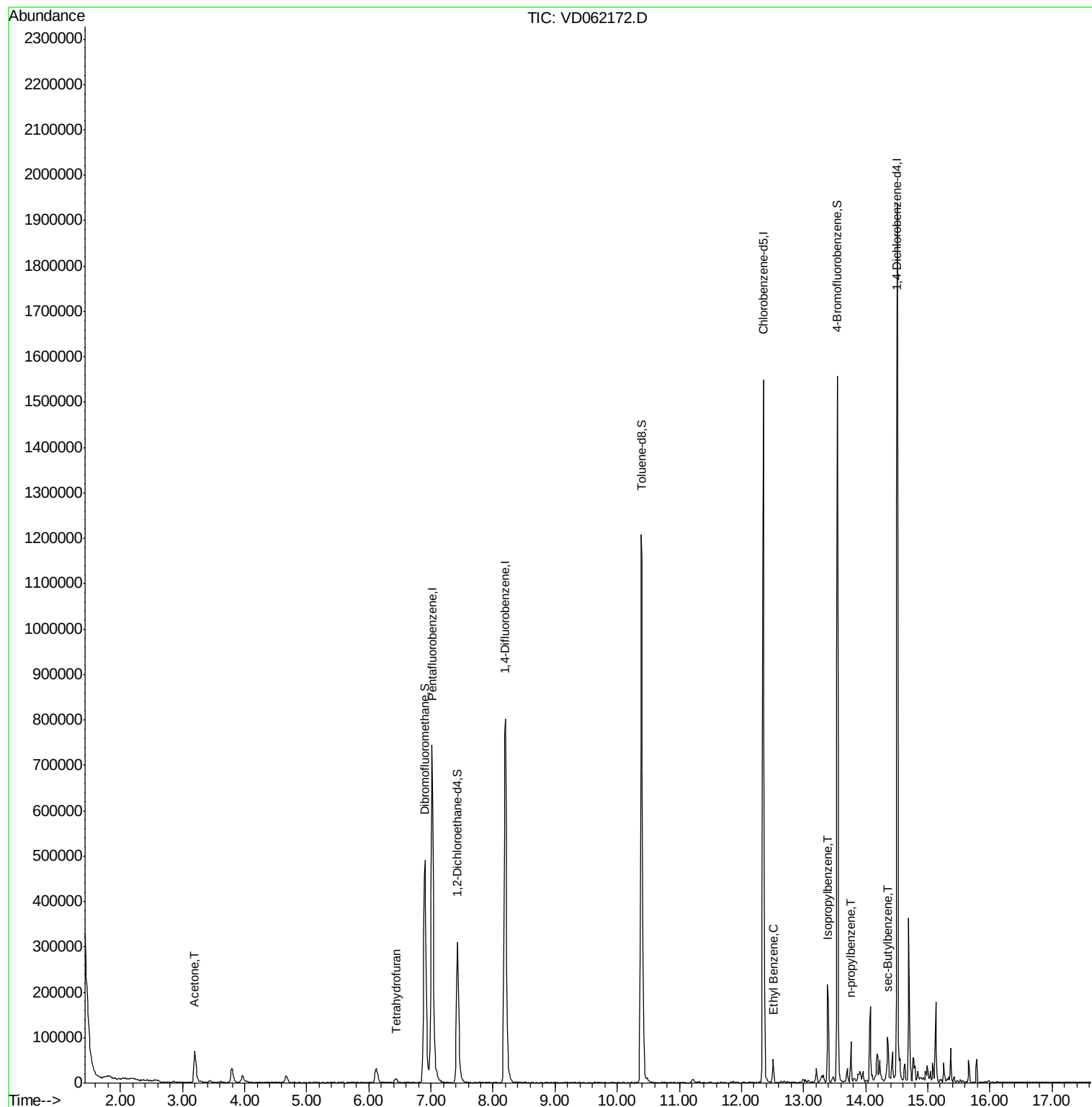
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	735726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	943600	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	842194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	430686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	344418	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
35) Dibromofluoromethane	6.90	113	446886	57.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.16%	
50) Toluene-d8	10.39	98	1029949	54.56	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	109.12%	
62) 4-Bromofluorobenzene	13.54	95	427395	56.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.76%	
Target Compounds						
16) Acetone	3.19	43	135455	94.471	ug/l #	88
29) Tetrahydrofuran	6.44	42	7823	10.856	ug/l	93
67) Ethyl Benzene	12.51	91	35199	1.340	ug/l	96
73) Isopropylbenzene	13.39	105	135174	5.236	ug/l	96
78) n-propylbenzene	13.76	91	56051	1.820	ug/l	97
85) sec-Butylbenzene	14.35	105	47835	1.785	ug/l	96

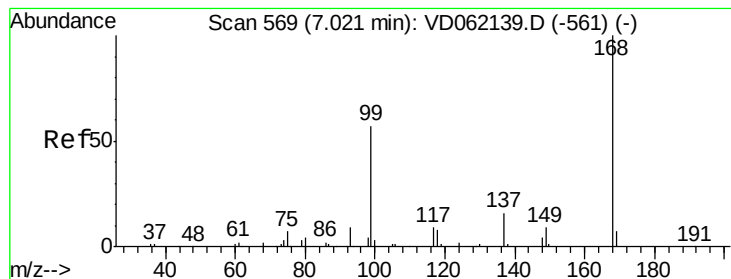
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.00 min

Lab File: VD062172.D

Acq: 8 May 2019 14:21

Instrument :

MSVOA_D

ClientSampleId :

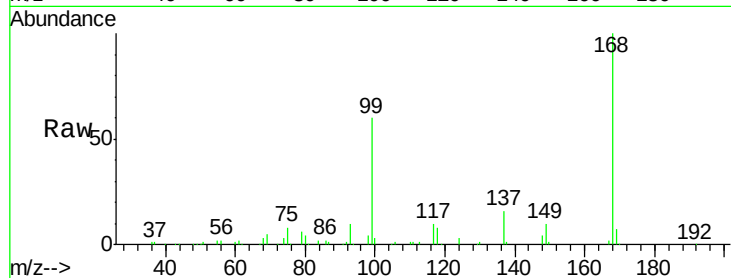
EP1-SB-W5-6(17-20)

Tgt Ion:168 Resp: 735726

Ion Ratio Lower Upper

168 100

99 59.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

250000

200000

150000

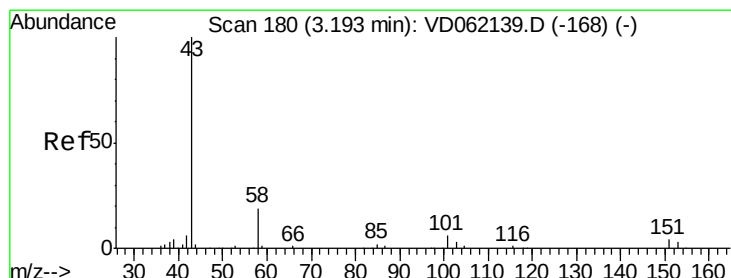
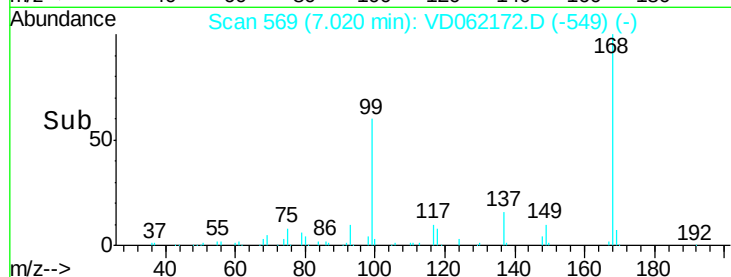
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 94.471 ug/l

RT: 3.19 min Scan# 180

Delta R.T. -0.00 min

Lab File: VD062172.D

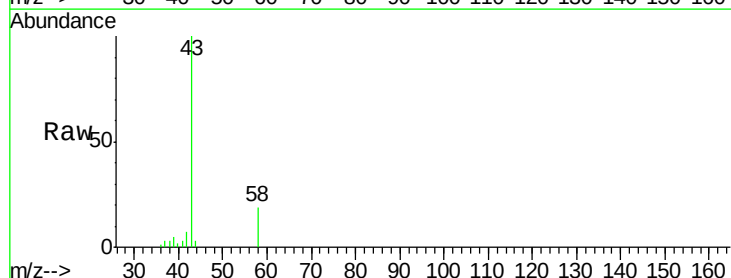
Acq: 8 May 2019 14:21

Tgt Ion: 43 Resp: 135455

Ion Ratio Lower Upper

43 100

58 19.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.19

50000

40000

30000

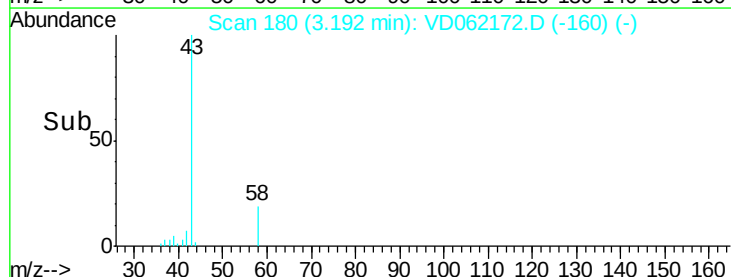
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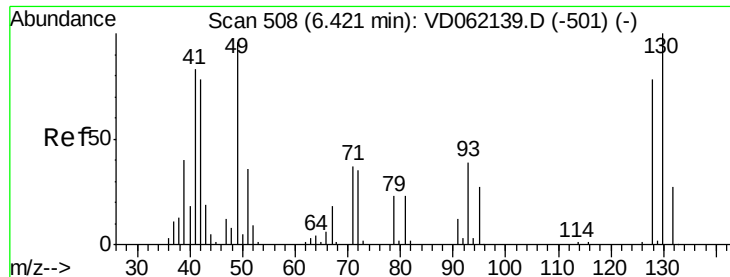
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0

3.10 3.20 3.30 3.40

Time-->

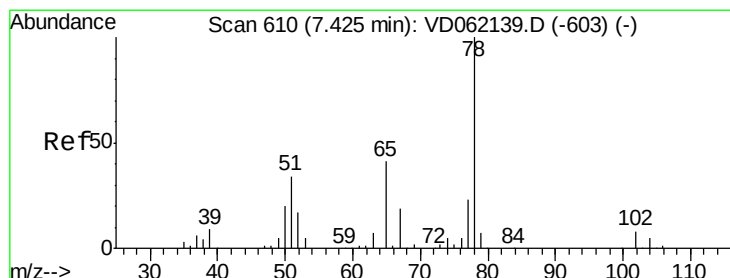
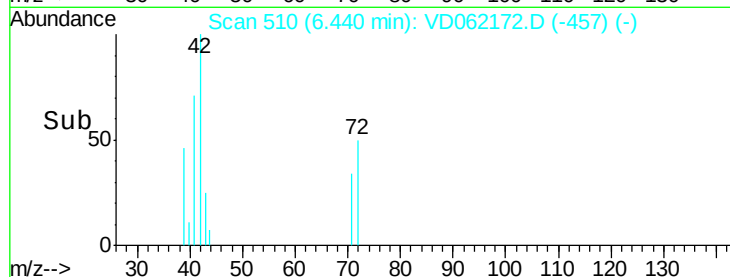
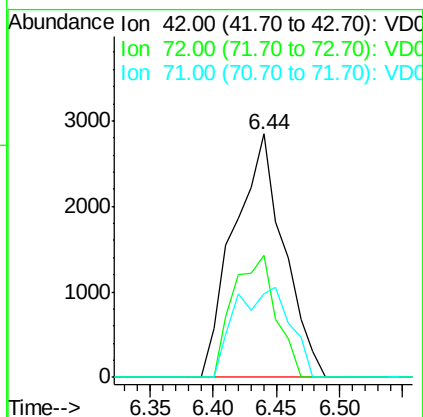
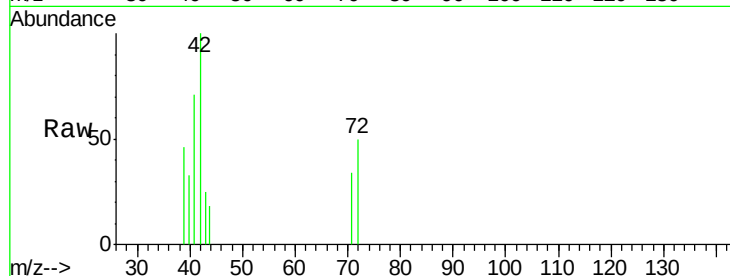




#29
Tetrahydrofuran
Concen: 10.856 ug/l
RT: 6.44 min Scan# 510
Delta R.T. 0.02 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

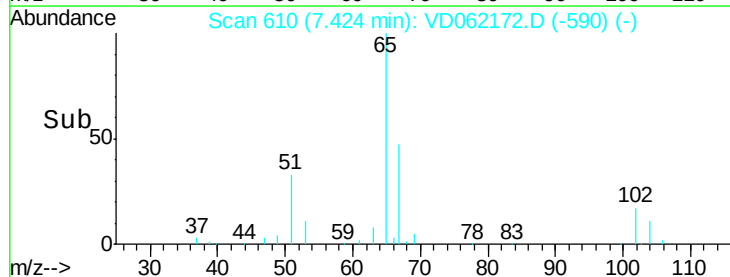
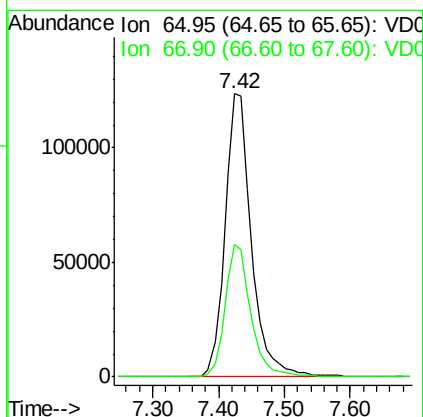
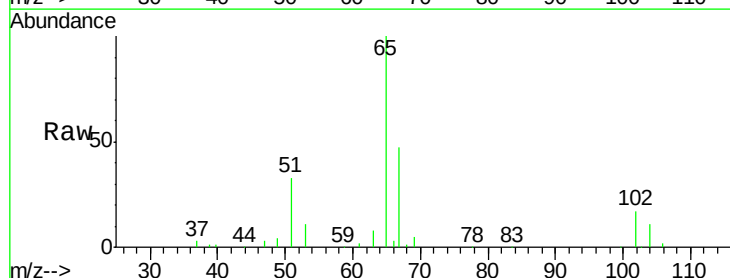
Instrument :
MSVOA_D
ClientSampleId :
EP1-SB-W5-6(17-20)

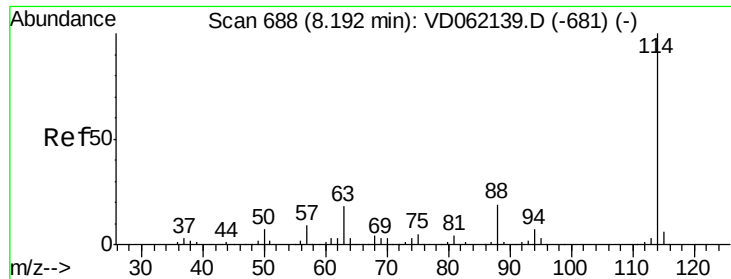
Tgt Ion: 42 Resp: 7823
Ion Ratio Lower Upper
42 100
72 43.0 37.8 56.6
71 40.7 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 50.374 ug/l
RT: 7.42 min Scan# 610
Delta R.T. -0.00 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

Tgt Ion: 65 Resp: 344418
Ion Ratio Lower Upper
65 100
67 46.6 0.0 98.0

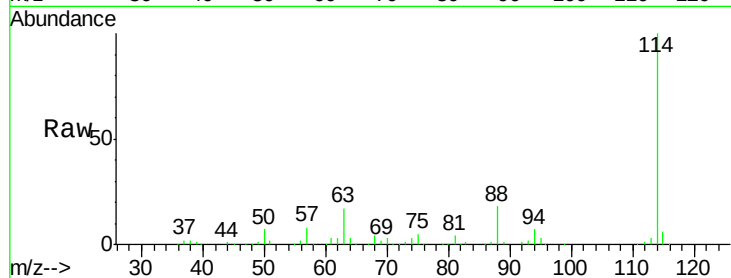




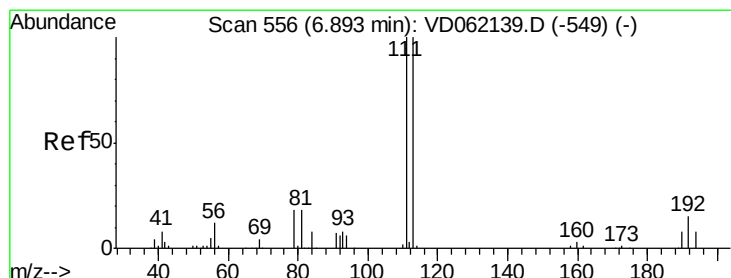
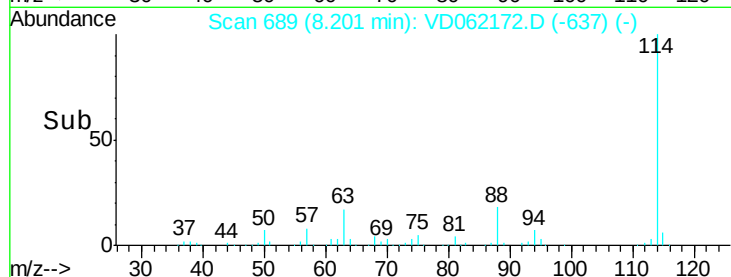
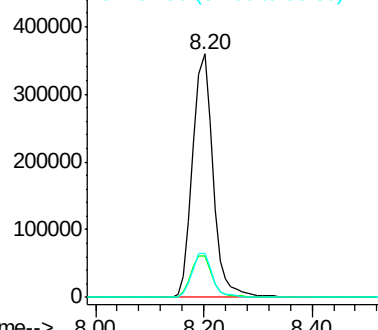
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD062172.D
 Acq: 8 May 2019 14:21

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SB-W5-6(17-20)

Tgt Ion:114 Resp: 943600
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 32.4
 88 17.9 0.0 33.6

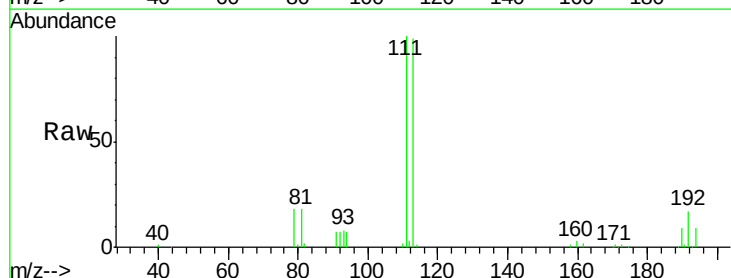


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

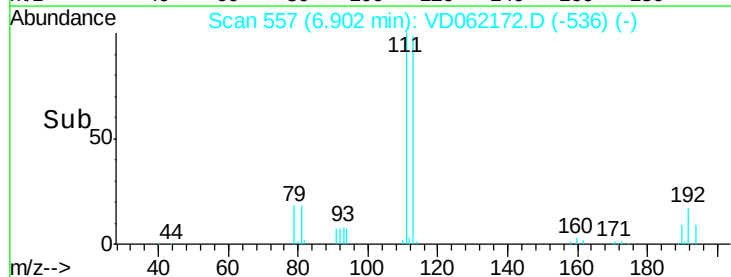
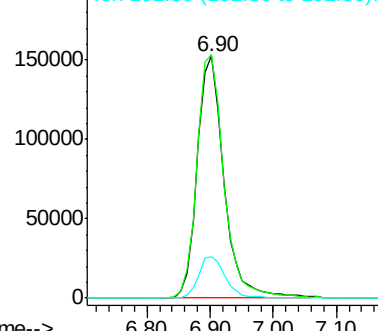


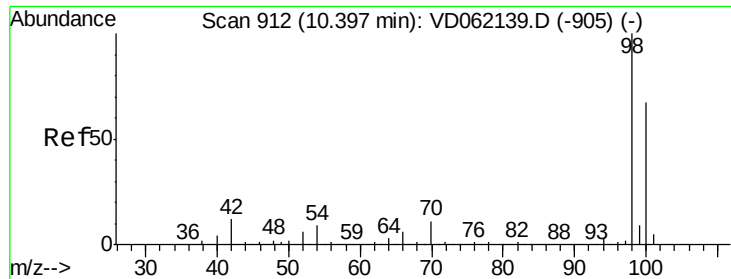
#35
 Dibromofluoromethane
 Concen: 57.080 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD062172.D
 Acq: 8 May 2019 14:21

Tgt Ion:113 Resp: 446886
 Ion Ratio Lower Upper
 113 100
 111 100.6 78.5 117.7
 192 17.3 13.0 19.4



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

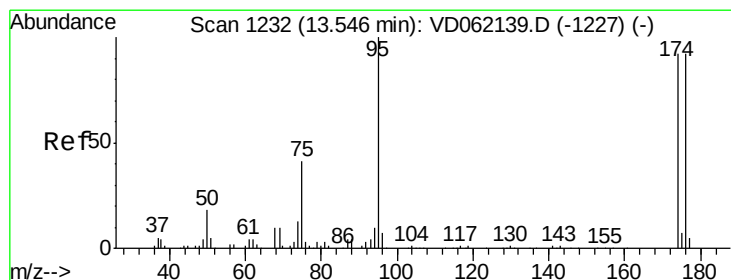
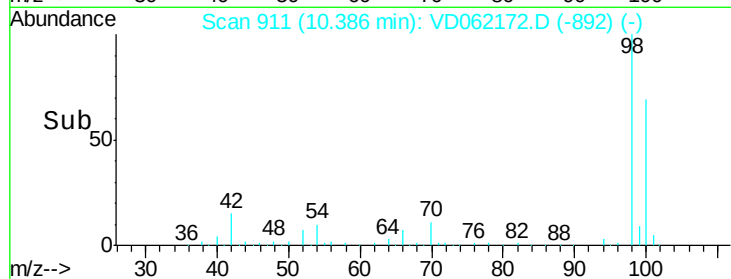
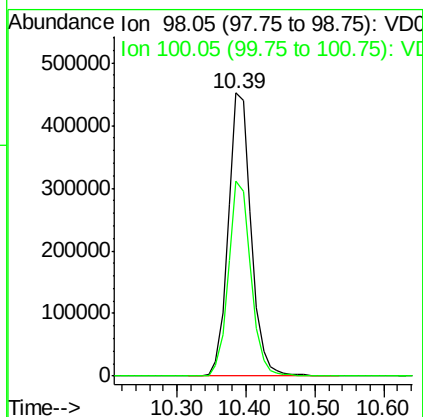
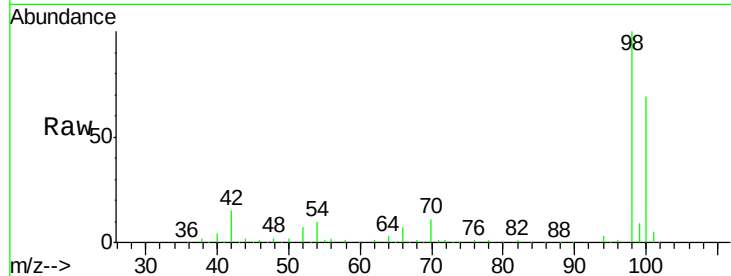




#50
Toluene-d8
Concen: 54.562 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

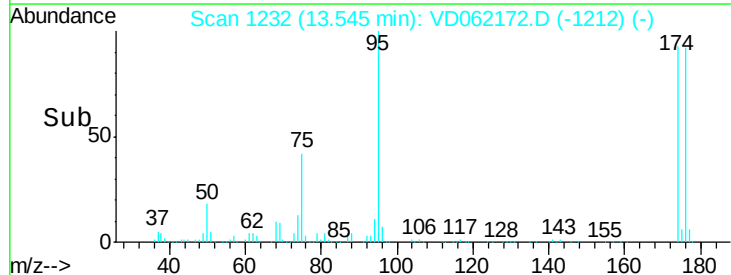
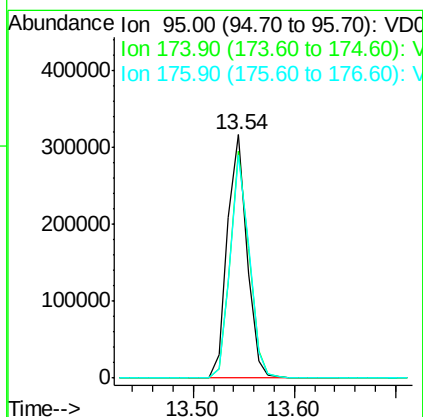
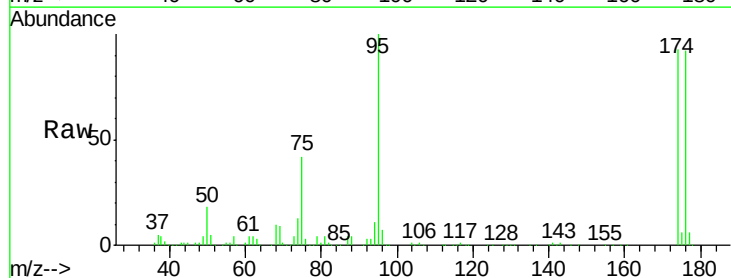
Instrument :
MSVOA_D
ClientSampleId :
EP1-SB-W5-6(17-20)

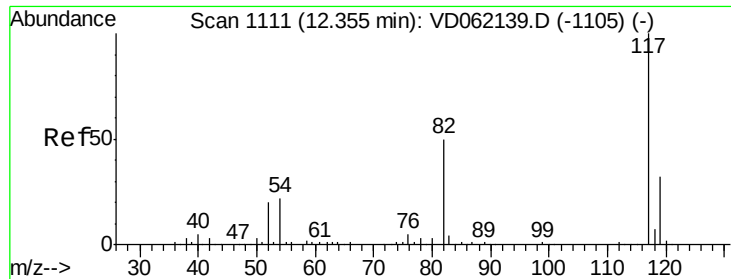
Tgt Ion: 98 Resp: 1029949
Ion Ratio Lower Upper
98 100
100 68.8 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 56.383 ug/l
RT: 13.54 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

Tgt Ion: 95 Resp: 427395
Ion Ratio Lower Upper
95 100
174 93.3 0.0 181.8
176 91.9 0.0 174.4

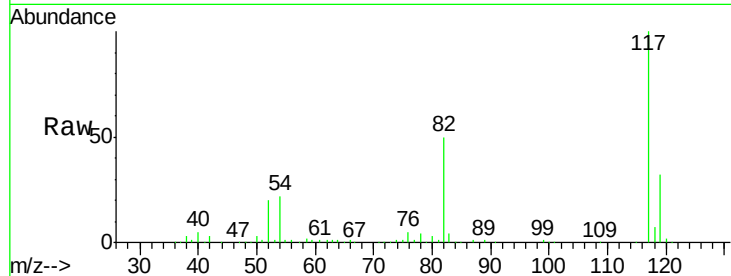




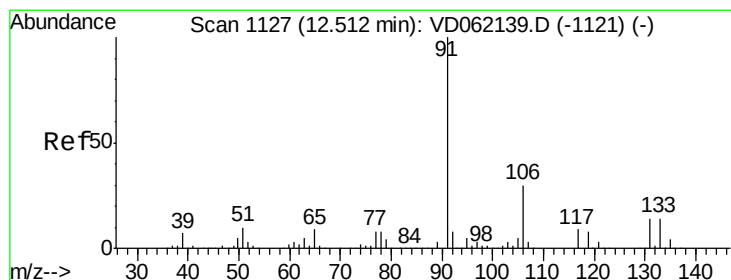
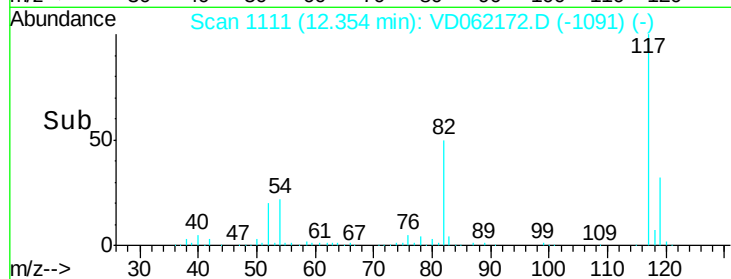
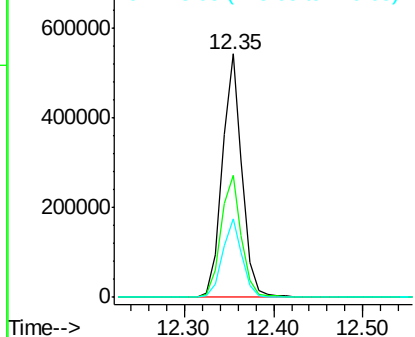
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

Instrument :
MSVOA_D
ClientSampleId :
EP1-SB-W5-6(17-20)

Tgt Ion: 117 Resp: 842194
Ion Ratio Lower Upper
117 100
82 50.4 36.2 54.2
119 32.3 26.2 39.4

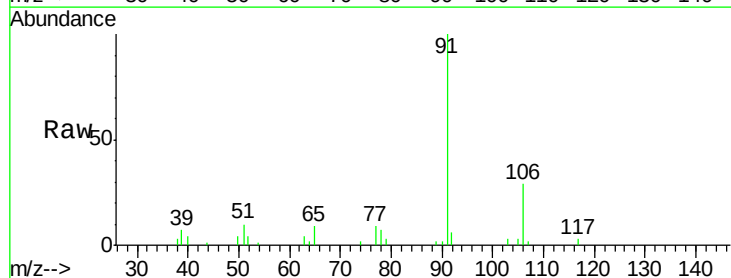


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

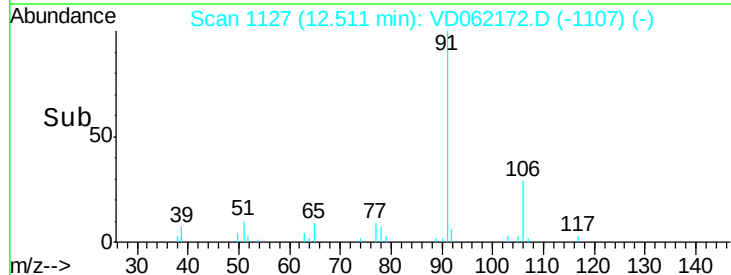
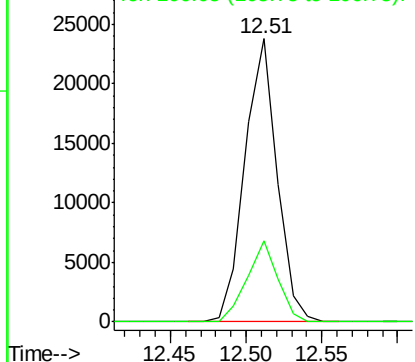


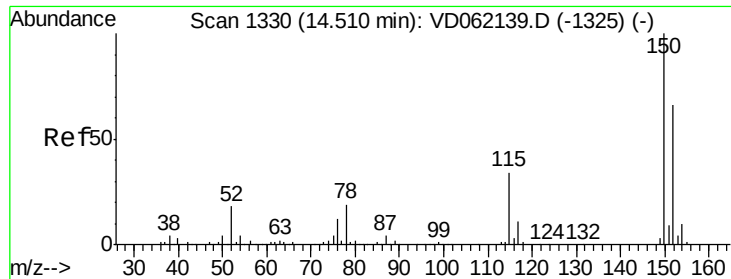
#67
Ethyl Benzene
Concen: 1.340 ug/l
RT: 12.51 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD062172.D
Acq: 8 May 2019 14:21

Tgt Ion: 91 Resp: 35199
Ion Ratio Lower Upper
91 100
106 28.8 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.05 (105.75 to 106.75): V

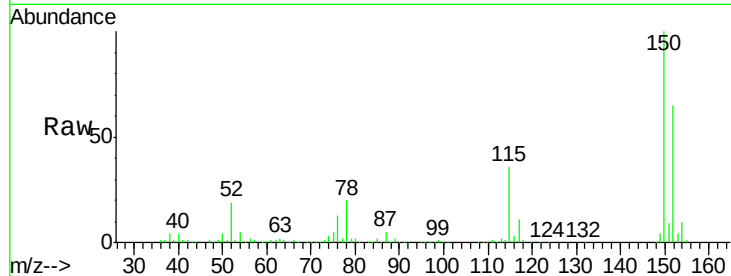




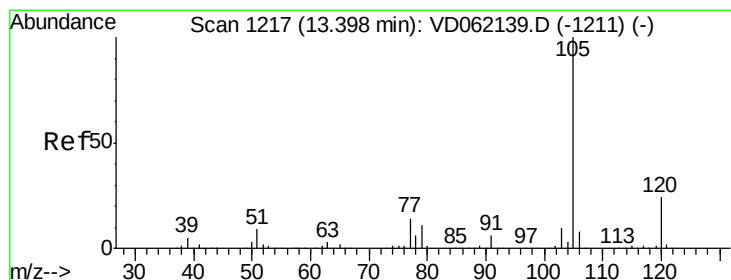
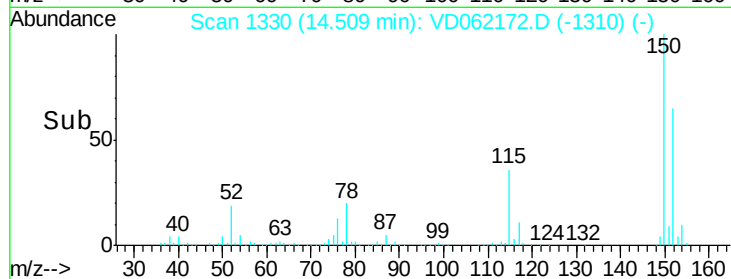
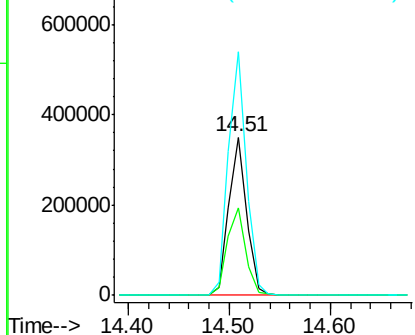
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD062172.D
 Acq: 8 May 2019 14:21

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SB-W5-6(17-20)

Tgt Ion:152 Resp: 430686
 Ion Ratio Lower Upper
 152 100
 115 55.4 30.9 92.7
 150 154.0 0.0 314.8

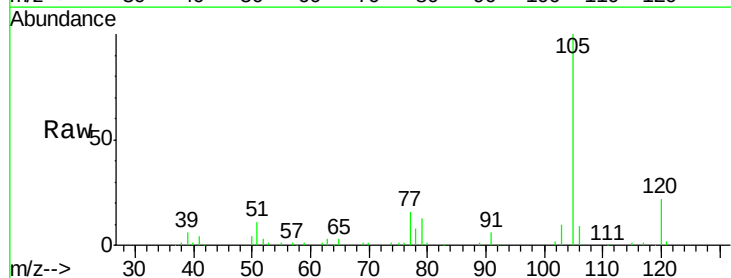


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V

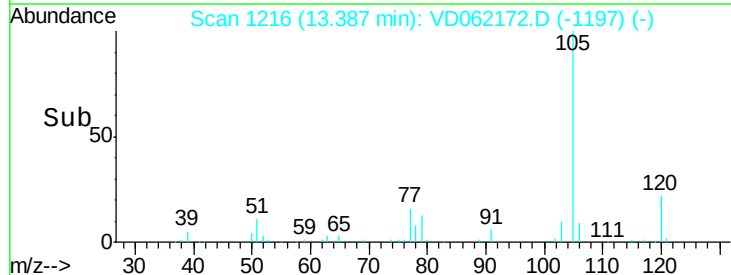
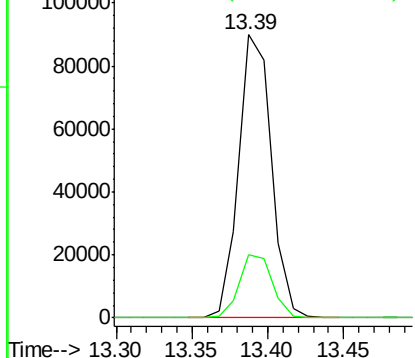


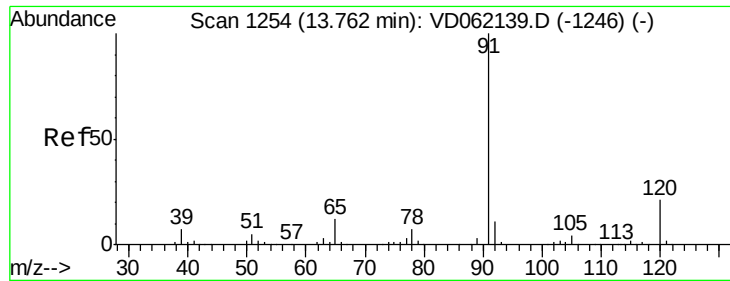
#73
 Isopropylbenzene
 Concen: 5.236 ug/l
 RT: 13.39 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VD062172.D
 Acq: 8 May 2019 14:21

Tgt Ion:105 Resp: 135174
 Ion Ratio Lower Upper
 105 100
 120 22.3 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





#78

n-propylbenzene

Concen: 1.820 ug/l

RT: 13.76 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD062172.D

Acq: 8 May 2019 14:21

Instrument :

MSVOA_D

ClientSampleId :

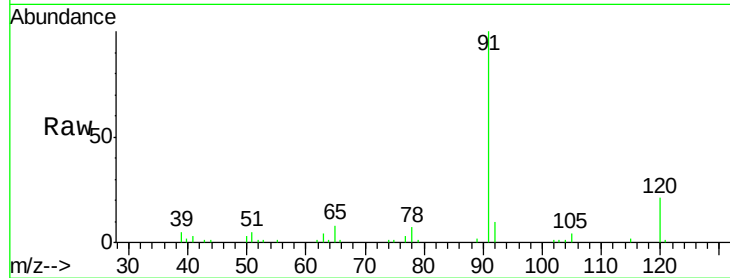
EP1-SB-W5-6(17-20)

Tgt Ion: 91 Resp: 56051

Ion Ratio Lower Upper

91 100

120 20.6 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

13.76

50000

40000

30000

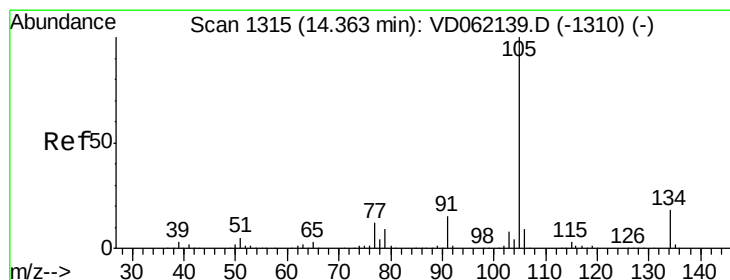
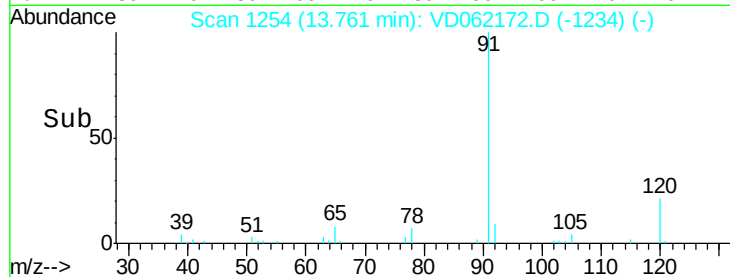
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10000

0

Time-->

13.70 13.75 13.80



#85

sec-Butylbenzene

Concen: 1.785 ug/l

RT: 14.35 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VD062172.D

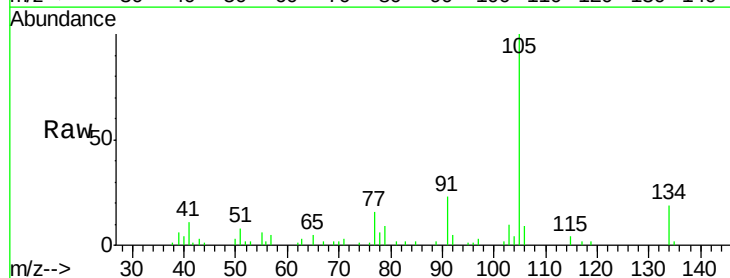
Acq: 8 May 2019 14:21

Tgt Ion: 105 Resp: 47835

Ion Ratio Lower Upper

105 100

134 19.4 8.9 26.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V

14.35

40000

30000

20000

10000

0

Time-->

14.30 14.35 14.40

