

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112618\
 Data File : VW007051.D
 Acq On : 26 Nov 2018 16:50
 Operator : VAY/AP
 Sample : J6051-01
 Misc : 4.88G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 27 05:25:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	97259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	153226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	31443	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	51057	53.62	ug/l	0.00
Spiked Amount			Recovery	=	107.24%	
35) Dibromofluoromethane	7.89	113	42612	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
50) Toluene-d8	10.33	98	152355	39.87	ug/l	0.00
Spiked Amount			Recovery	=	79.74%	
62) 4-Bromofluorobenzene	12.62	95	42392	28.19	ug/l	0.00
Spiked Amount			Recovery	=	56.38%	

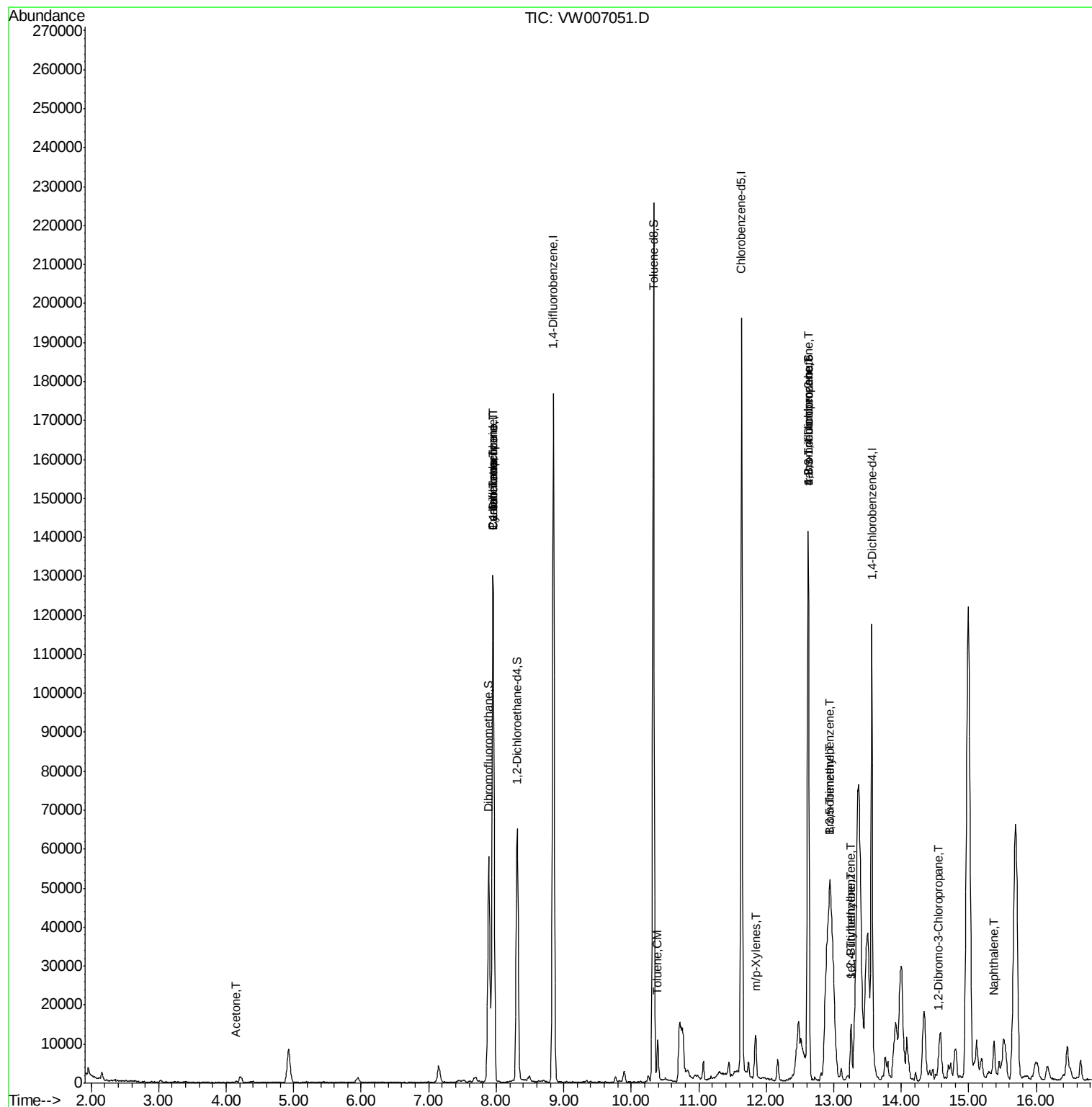
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	451	3.262	ug/l #	44
31) Cyclohexane	7.95	56	1898	1.035	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	7230	4.829	ug/l #	49
38) Carbon Tetrachloride	7.95	117	9742	6.794	ug/l #	17
52) Toluene	10.39	92	4801	1.745	ug/l	99
68) m/p-Xylenes	11.83	106	3504	2.094	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	20803	84.197	ug/l #	100
77) Bromobenzene	12.94	156	75175	143.227	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.94	105	2478	1.173	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.62	75	20803	211.383	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.26	105	8087	3.841	ug/l	96
85) sec-Butylbenzene	13.26	105	8087	3.129	ug/l #	57
92) 1,2-Dibromo-3-Chloropropan	14.55	75	128	2.330	ug/l #	1
95) Naphthalene	15.38	128	4123	3.669	ug/l #	94

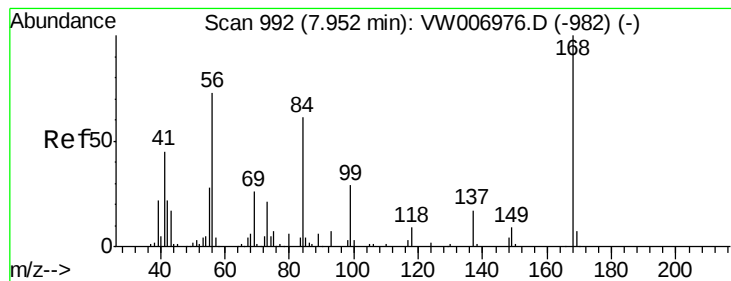
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007051.D

Acq: 26 Nov 2018 16:50

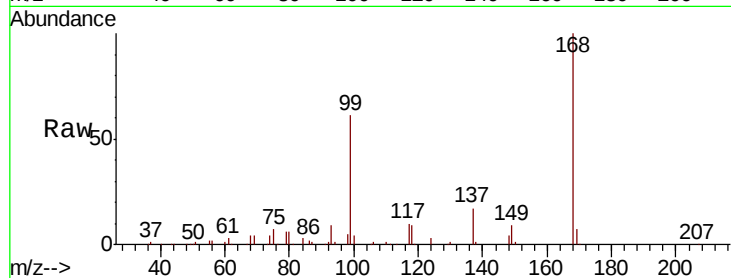
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 97259

Ion Ratio Lower Upper

168 100

99 60.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

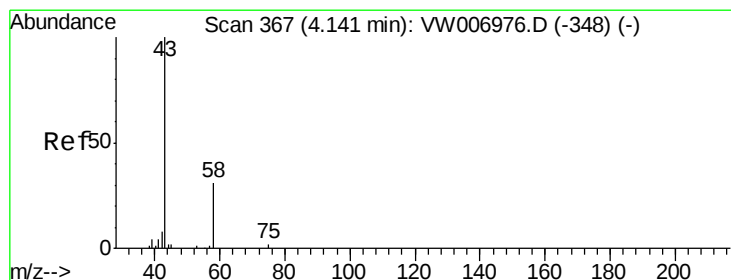
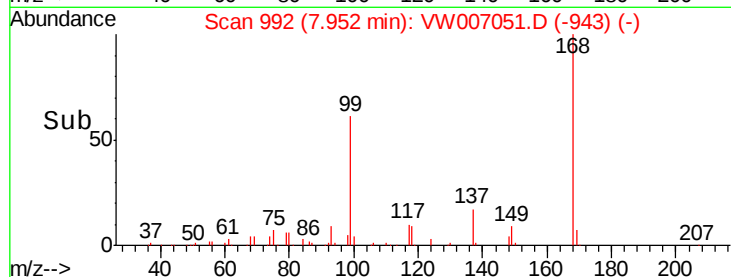
20000

10000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 3.262 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW007051.D

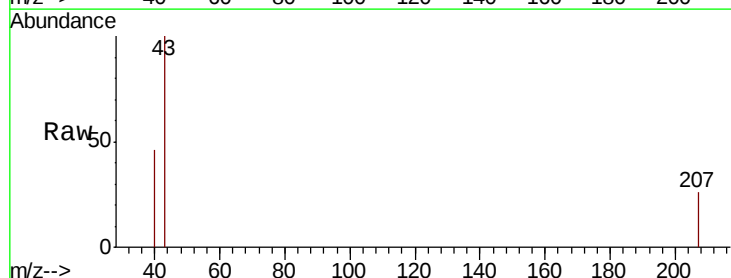
Acq: 26 Nov 2018 16:50

Tgt Ion: 43 Resp: 451

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

250

200

150

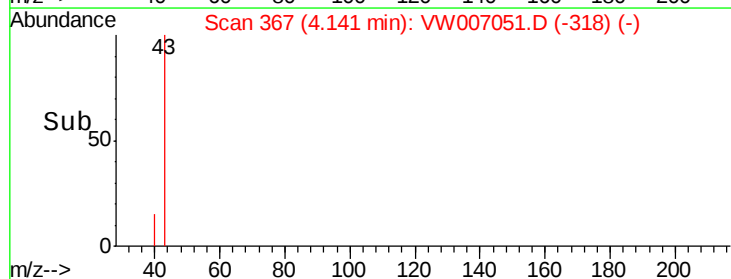
100

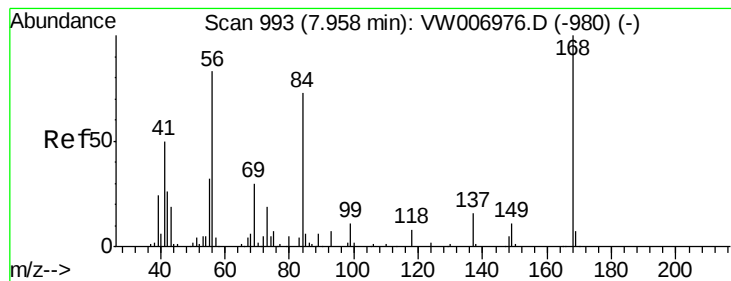
50

0

Time-->

4.10 4.15





#31

Cyclohexane

Concen: 1.035 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007051.D

Acq: 26 Nov 2018 16:50

Instrument :

MSVOA_W

ClientSampled :

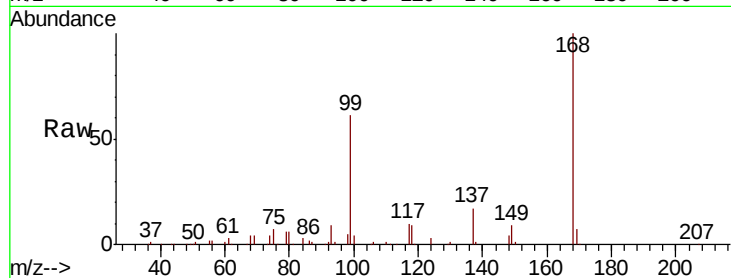
Tot Ion: 56 Resp: 1898

Ion Ratio Lower Upper

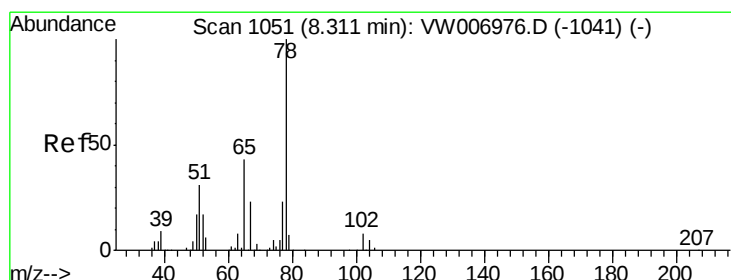
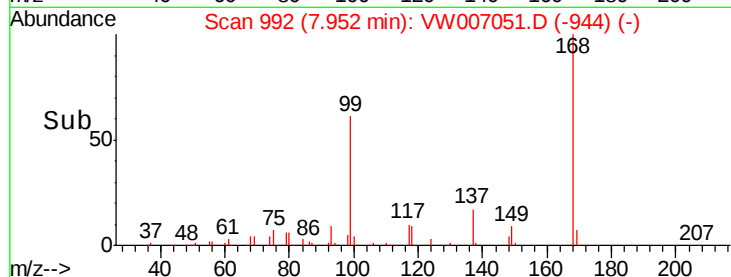
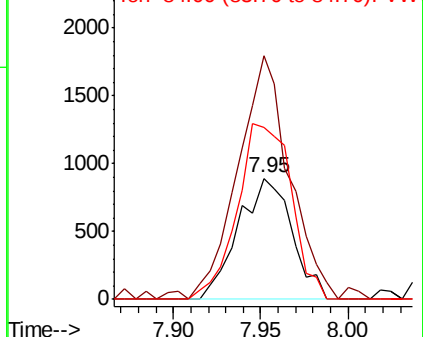
56 100

69 201.1 29.1 43.7#

84 141.7 70.6 105.8#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 53.621 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007051.D

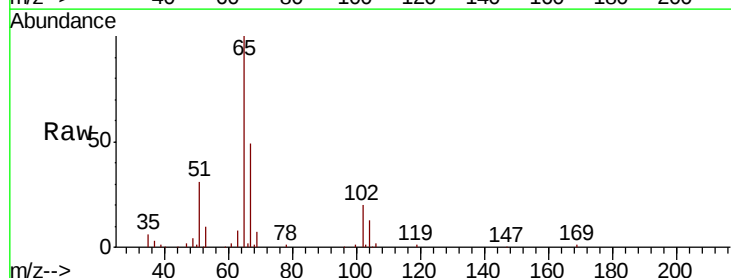
Acq: 26 Nov 2018 16:50

Tgt Ion: 65 Resp: 51057

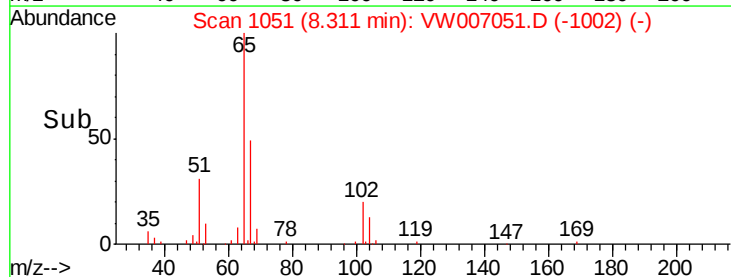
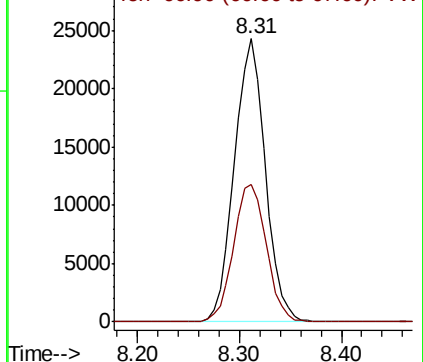
Ion Ratio Lower Upper

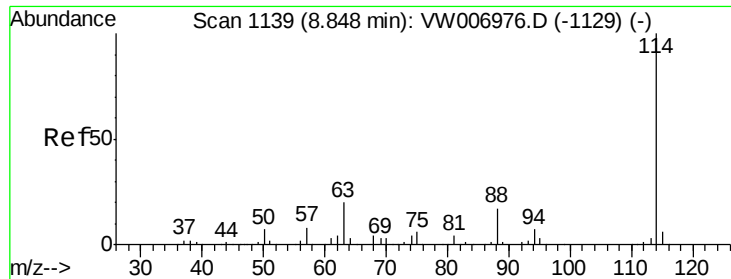
65 100

67 51.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

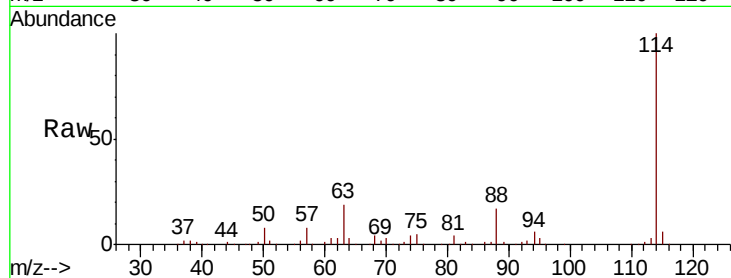




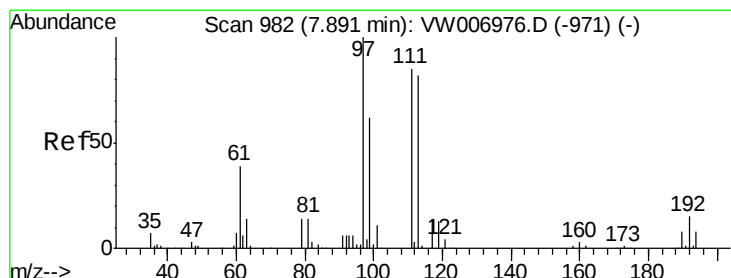
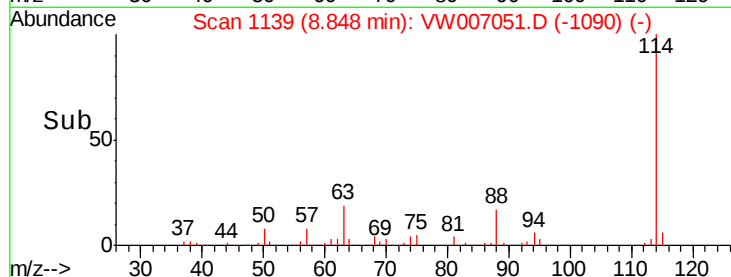
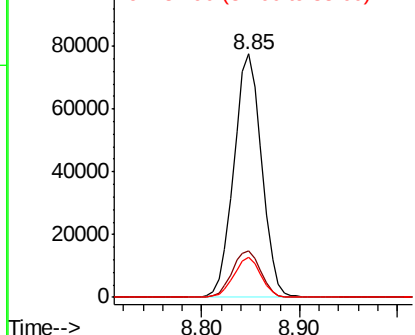
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007051.D
 Acq: 26 Nov 2018 16:50

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:114 Resp: 153226
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.4
 88 16.5 0.0 34.2

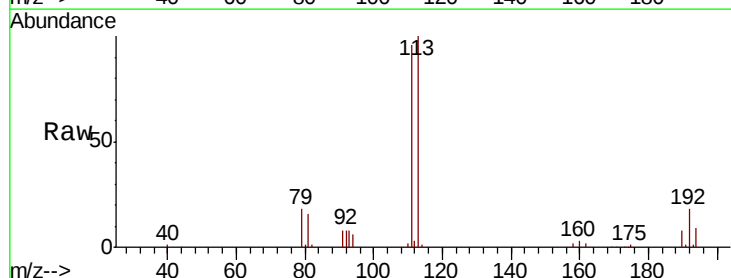


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

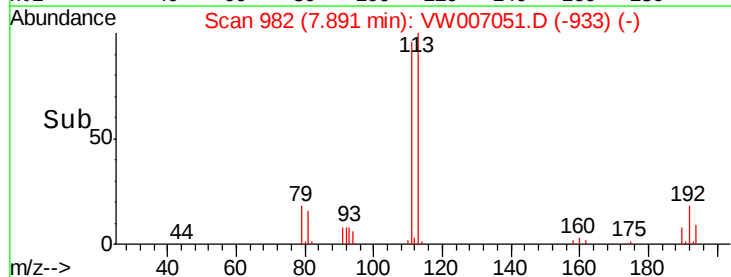
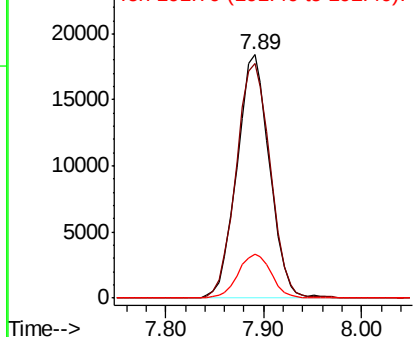


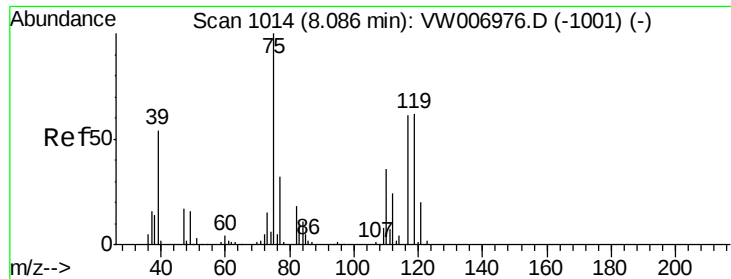
#35
 Dibromofluoromethane
 Concen: 49.245 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007051.D
 Acq: 26 Nov 2018 16:50

Tgt Ion:113 Resp: 42612
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.0 121.6
 192 18.2 15.0 22.6



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

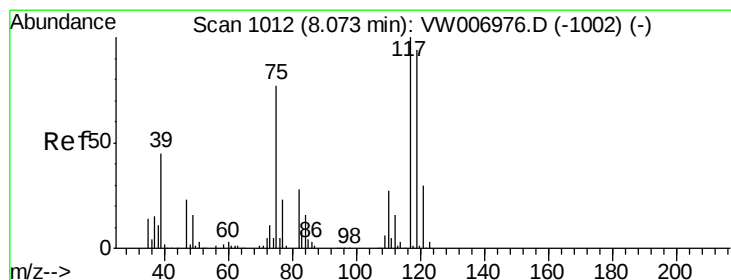
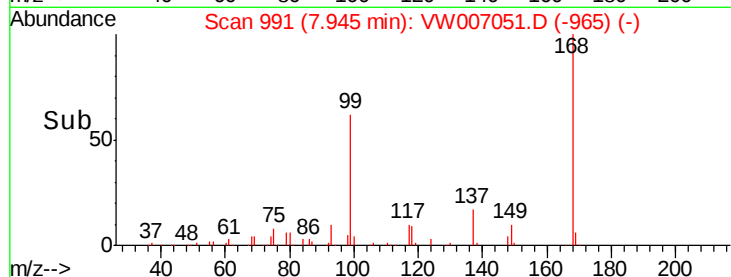
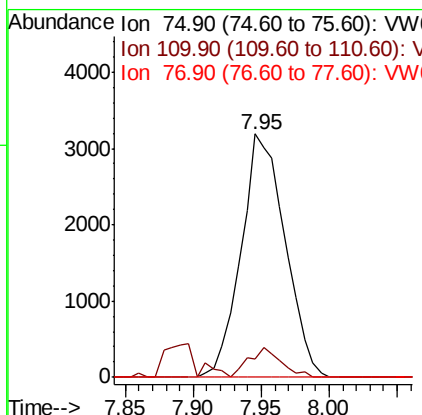
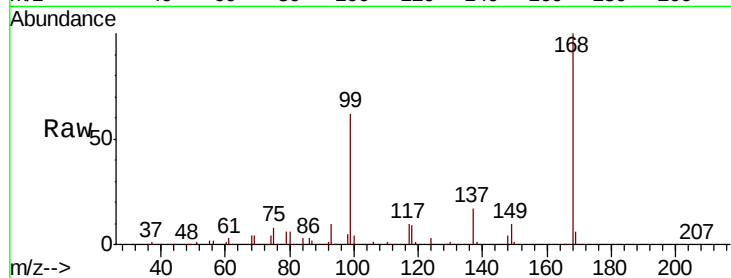




#36
 1,1-Dichloropropene
 Concen: 4.829 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW007051.D
 Acq: 26 Nov 2018 16:50

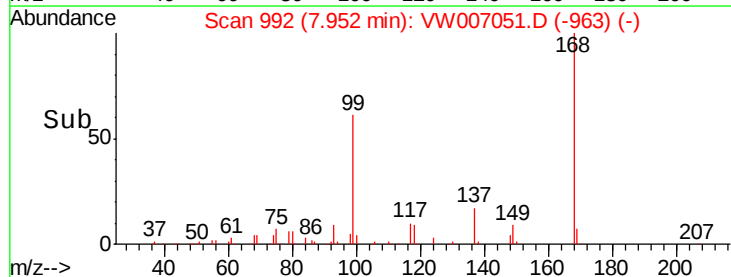
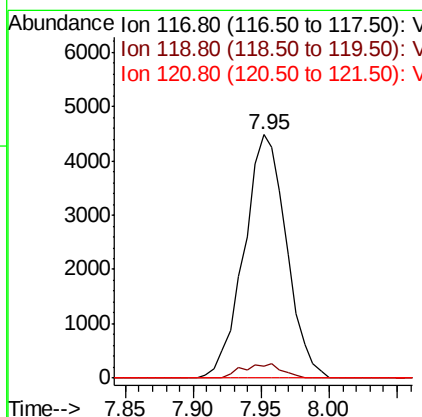
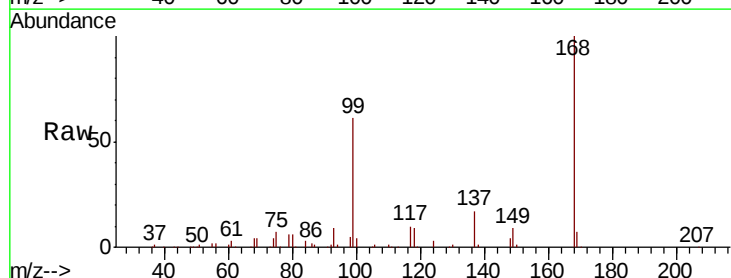
Instrument :
 MSVOA_W
 ClientSampleId :

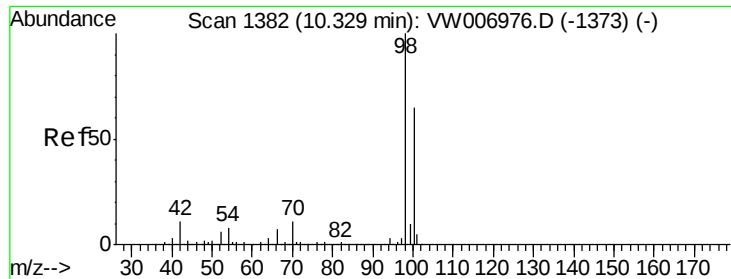
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.0	54.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.794 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007051.D
 Acq: 26 Nov 2018 16:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	74.9	112.3#
121	0.0	23.6	35.4#





#50

Toluene-d8

Concen: 39.872 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007051.D

Acq: 26 Nov 2018 16:50

Instrument :

MSVOA_W

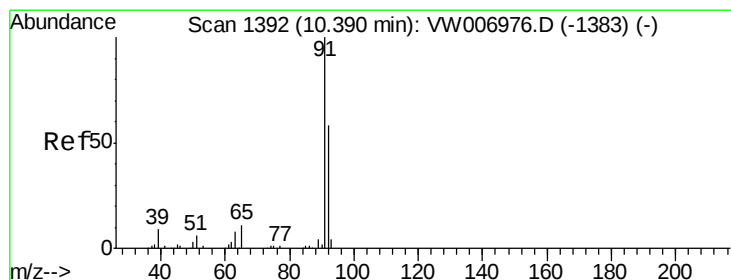
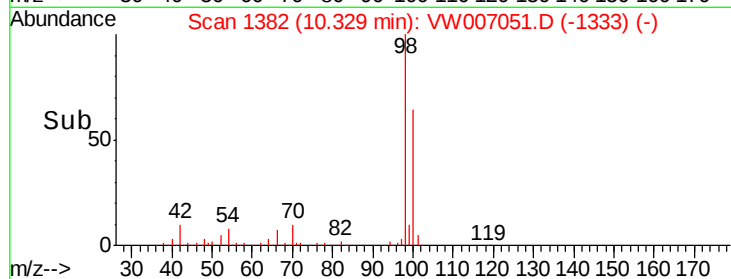
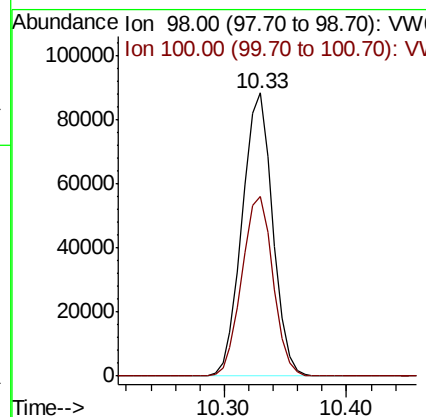
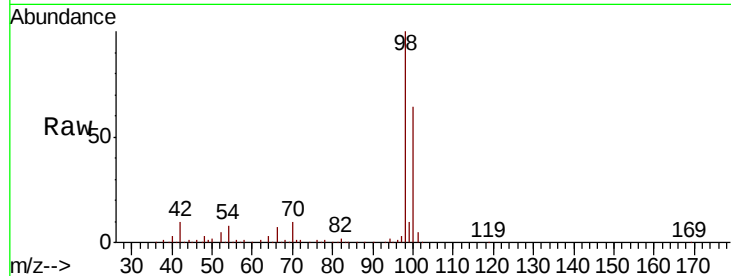
ClientSampleId :

Tot Ion: 98 Resp: 152355

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



#52

Toluene

Concen: 1.745 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007051.D

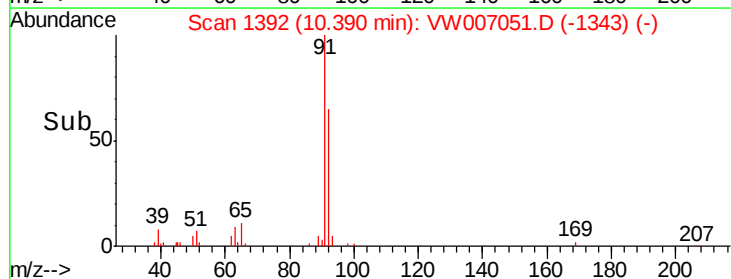
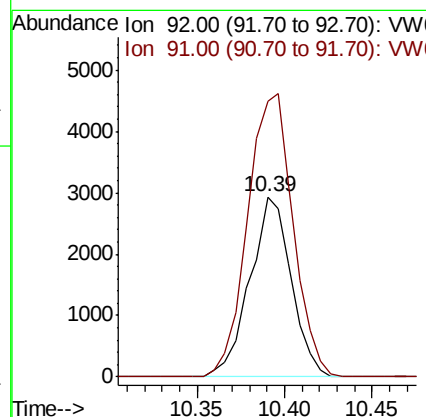
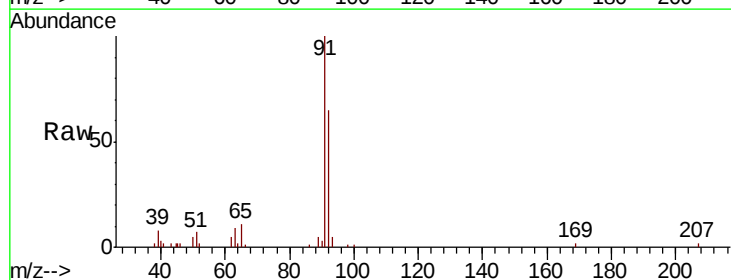
Acq: 26 Nov 2018 16:50

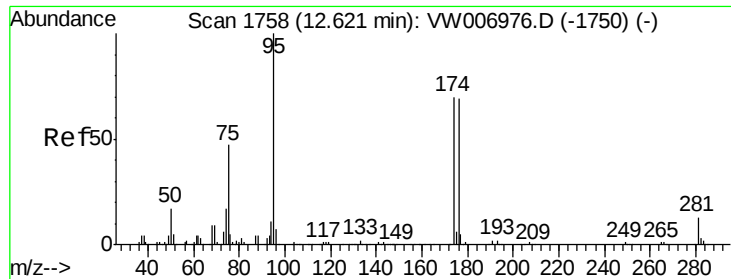
Tgt Ion: 92 Resp: 4801

Ion Ratio Lower Upper

92 100

91 173.3 137.3 205.9

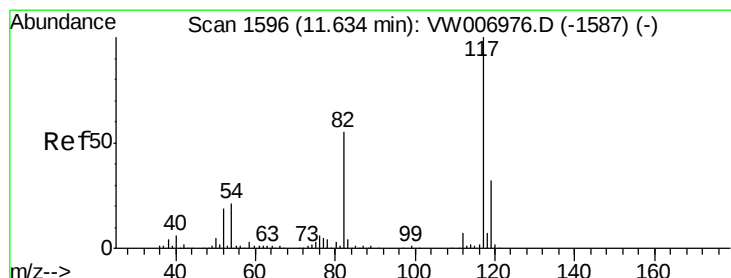
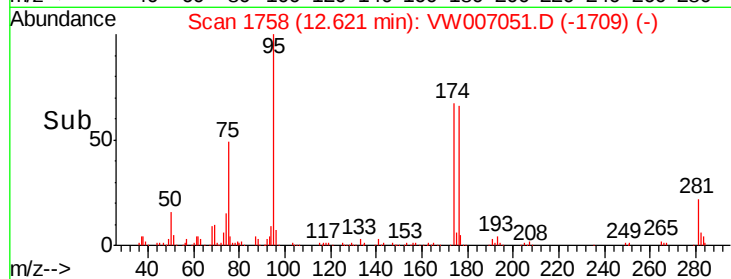
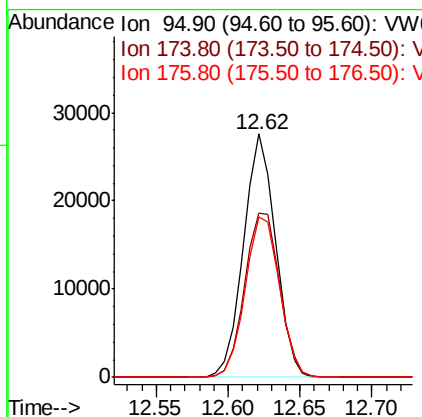
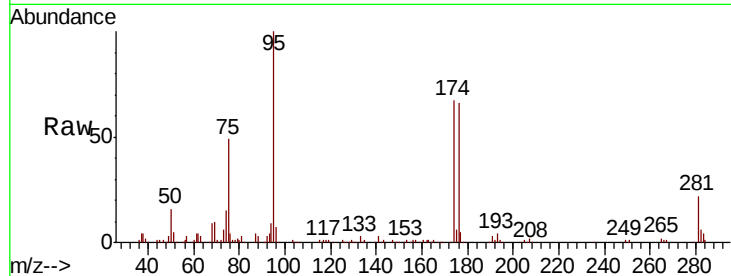




#62
4-Bromofluorobenzene
Concen: 28.193 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007051.D
Acq: 26 Nov 2018 16:50

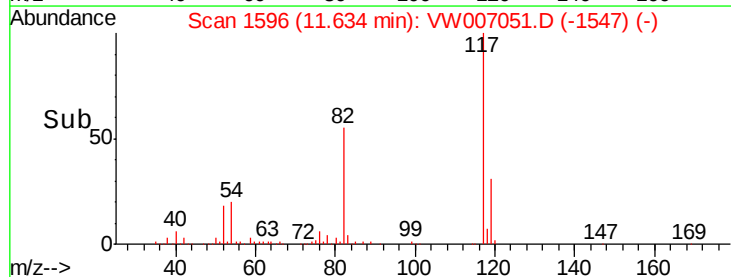
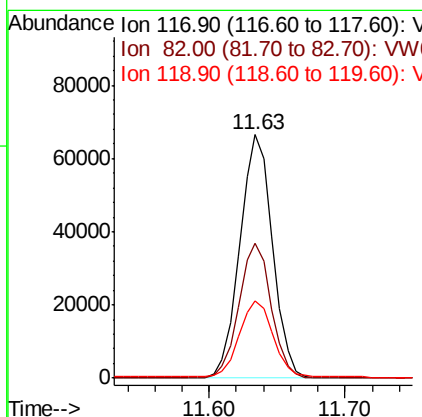
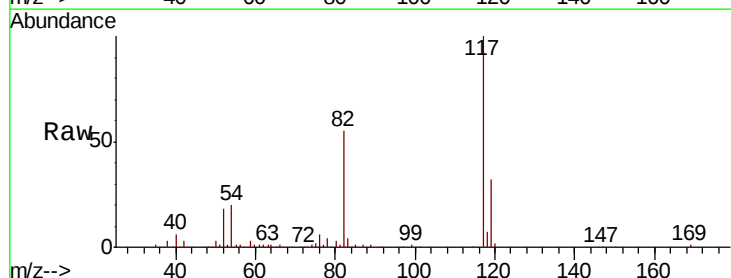
Instrument :
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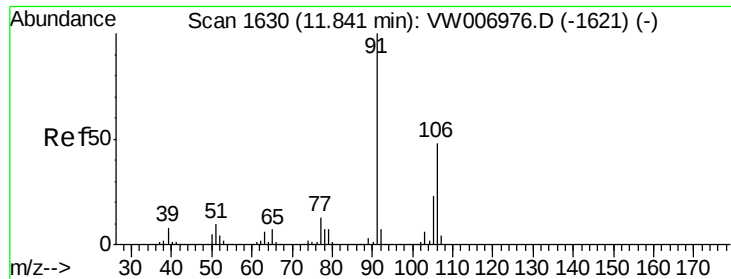
Tot Ion: 95 Resp: 42392
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.6
176 70.3 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007051.D
Acq: 26 Nov 2018 16:50

Tgt Ion: 117 Resp: 111218
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.3 25.9 38.9

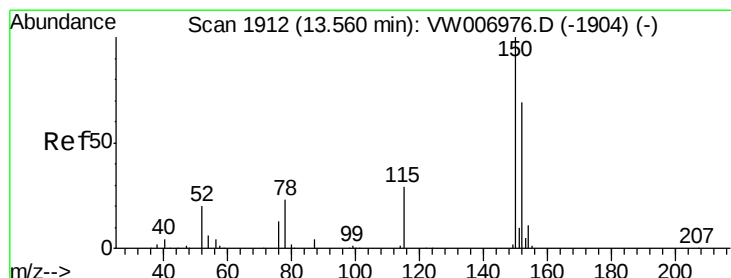
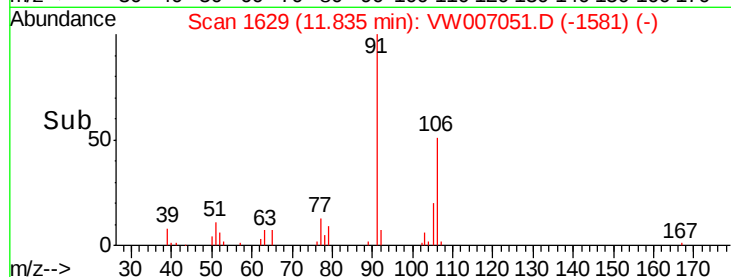
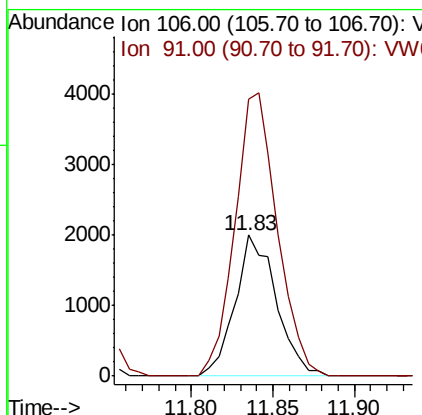
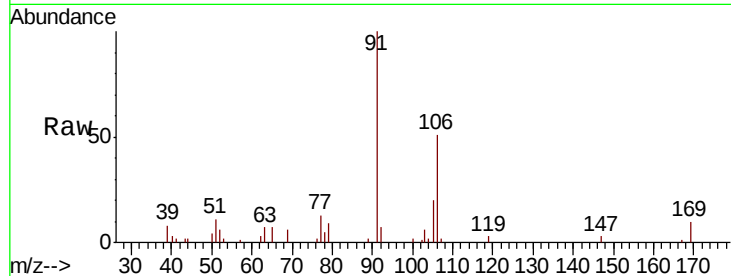




#68
m/p-Xvlenes
Concen: 2.094 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007051.D
Acq: 26 Nov 2018 16:50

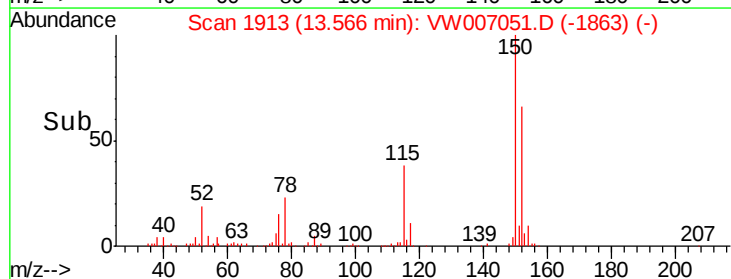
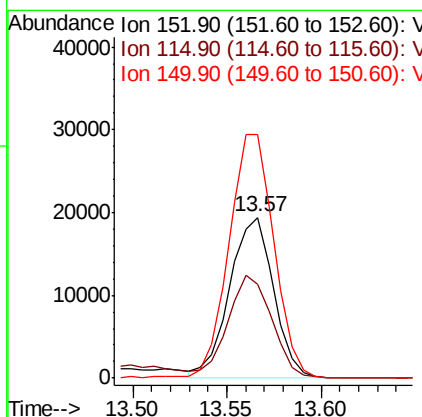
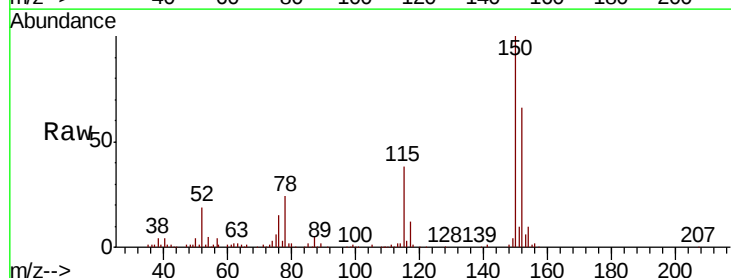
Instrument :
MSVOA_W
ClientSampled :

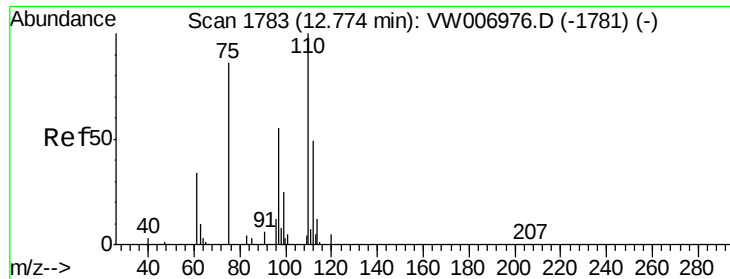
Tot Ion:106 Resp: 3504
Ion Ratio Lower Upper
106 100
91 207.3 164.8 247.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007051.D
Acq: 26 Nov 2018 16:50

Tgt Ion:152 Resp: 31443
Ion Ratio Lower Upper
152 100
115 64.3 31.4 94.2
150 155.2 0.0 353.4

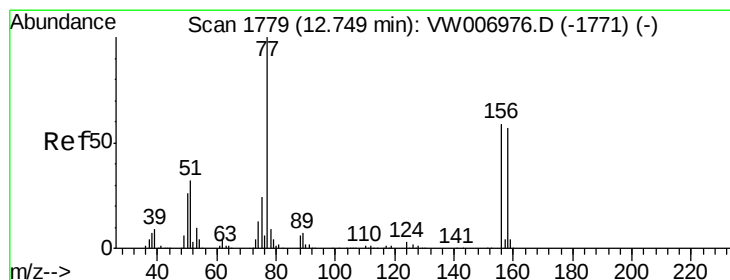
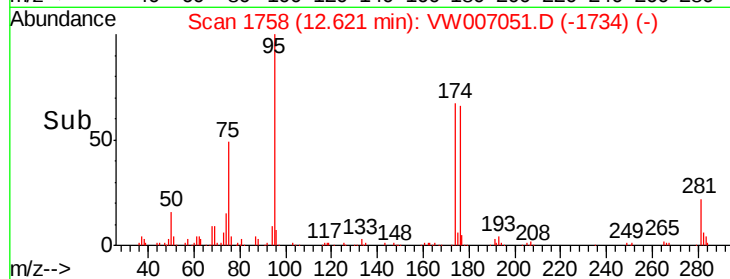
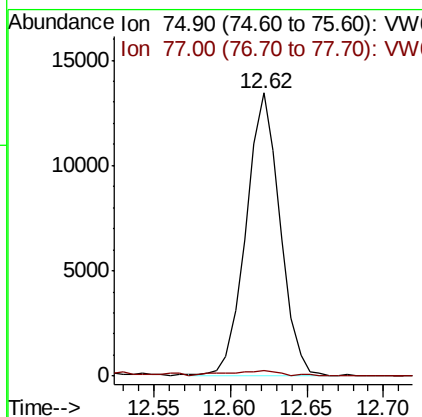
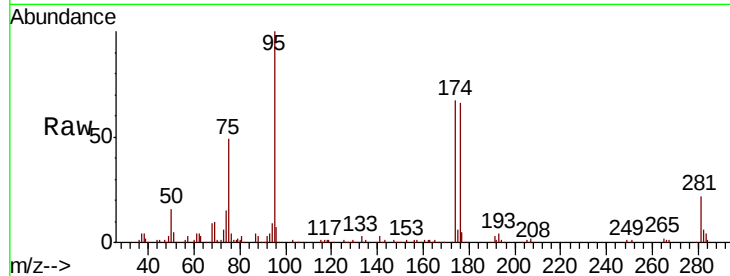




#76
1,2,3-Trichloropropane
Concen: 84.197 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW007051.D
Acq: 26 Nov 2018 16:50

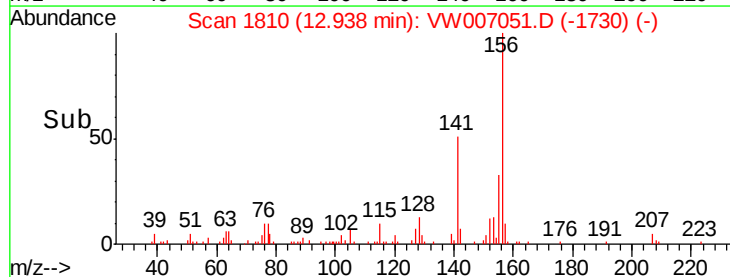
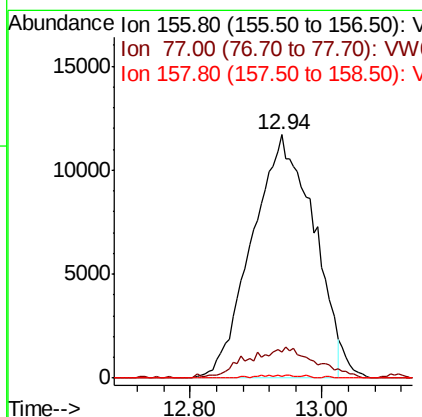
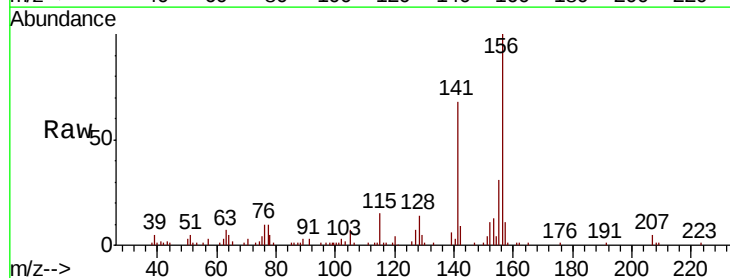
Instrument :
MSVOA_W
ClientSampleId :

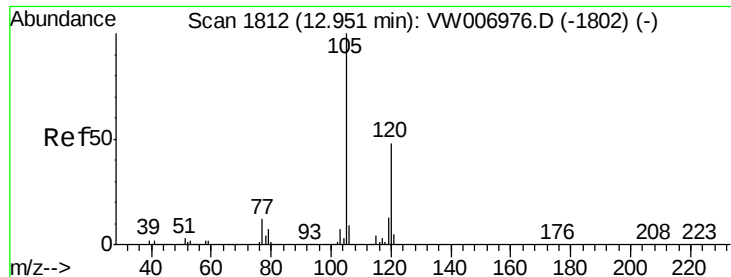
Tot Ion: 75 Resp: 20803
Ion Ratio Lower Upper
75 100
77 2.8 0.0 0.0#



#77
Bromobenzene
Concen: 143.227 ug/l
RT: 12.94 min Scan# 1810
Delta R.T. 0.19 min
Lab File: VW007051.D
Acq: 26 Nov 2018 16:50

Tgt Ion: 156 Resp: 75175
Ion Ratio Lower Upper
156 100
77 0.0 94.6 283.8#
158 0.2 48.9 146.7#

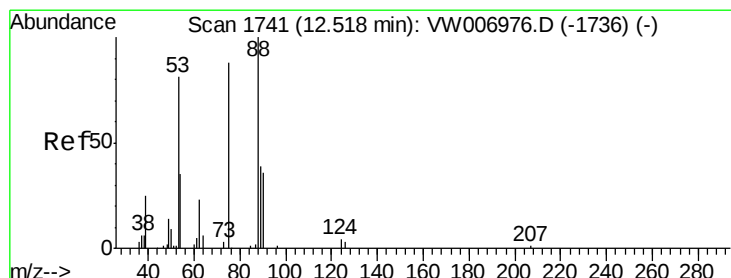
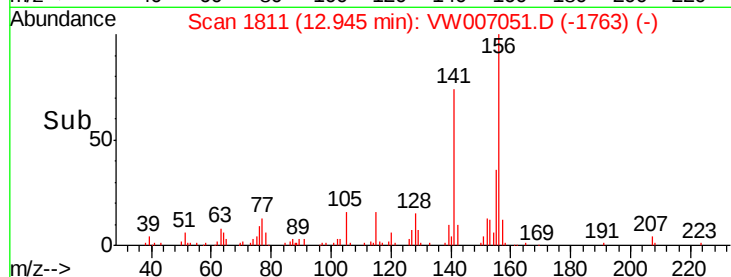
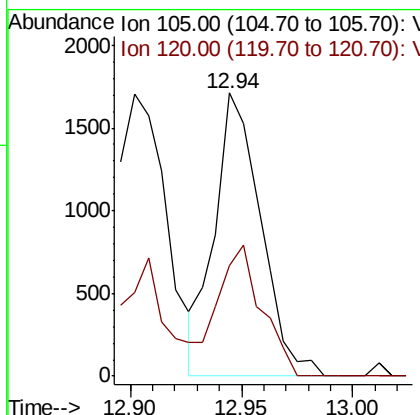
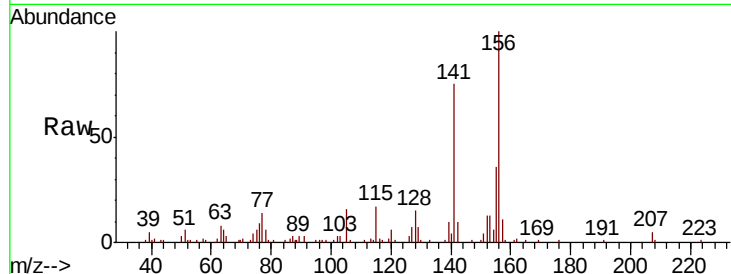




#80
 1,3,5-Trimethylbenzene
 Concen: 1.173 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: VW007051.D
 Acq: 26 Nov 2018 16:50

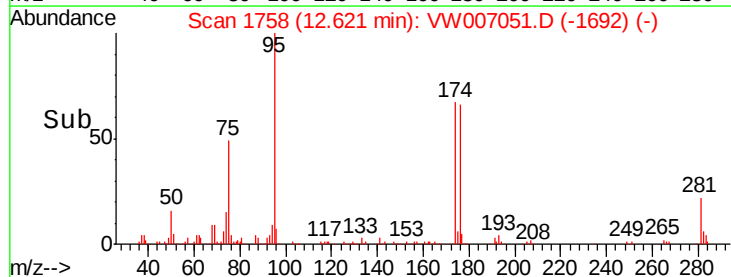
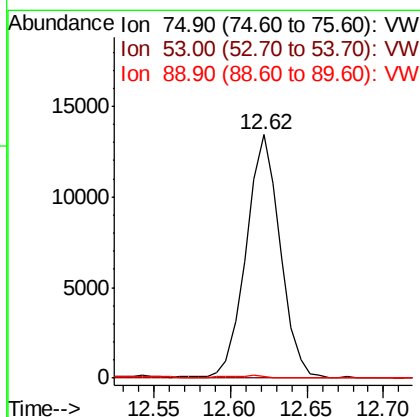
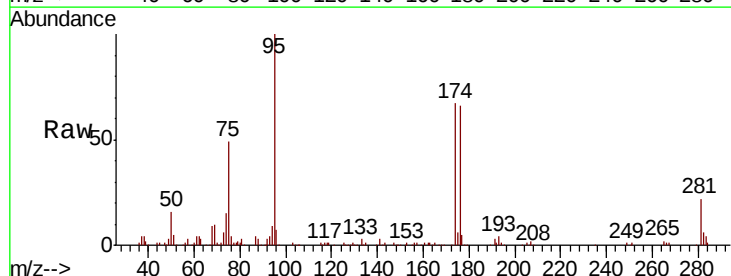
Instrument :
 MSVOA_W
 ClientSampleId :

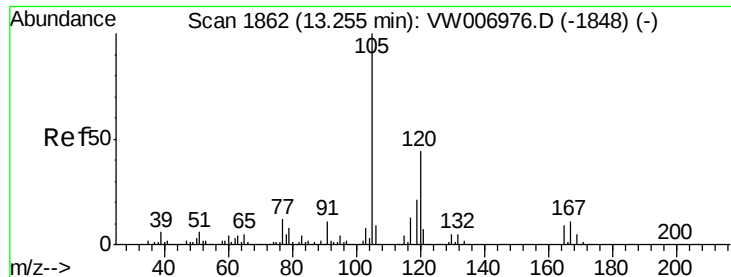
Tot Ion:105 Resp: 2478
 Ion Ratio Lower Upper
 105 100
 120 41.8 23.8 71.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 211.383 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007051.D
 Acq: 26 Nov 2018 16:50

Tgt Ion: 75 Resp: 20803
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.9 39.3 58.9#

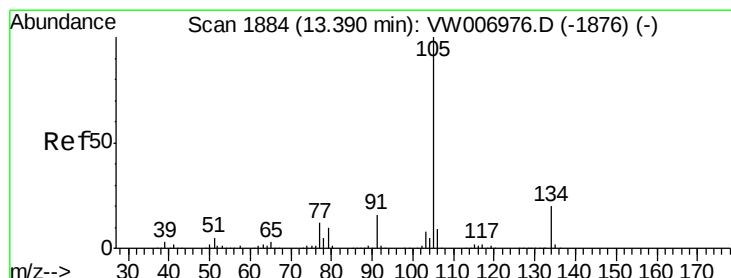
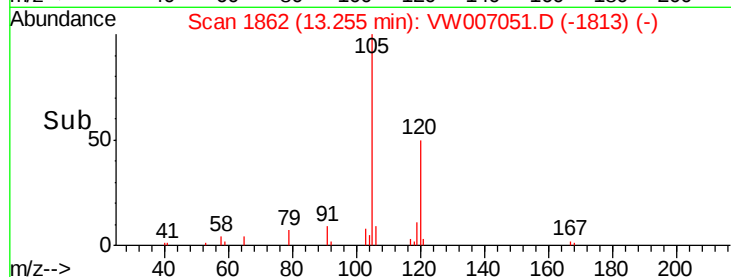
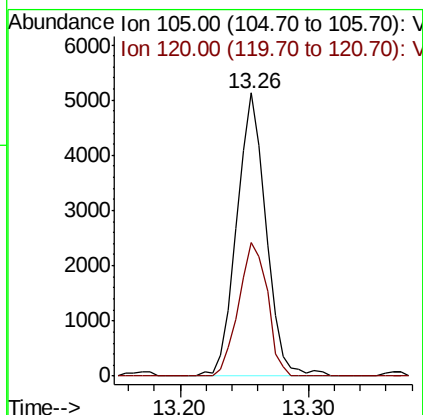
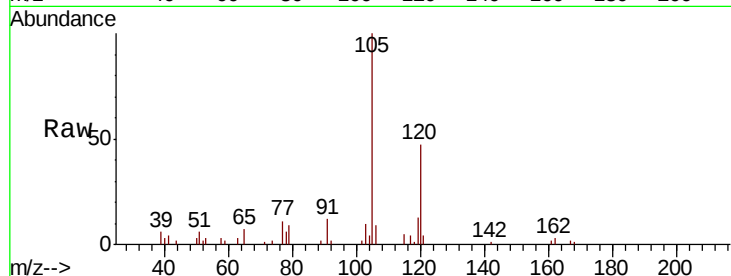




#84
 1,2,4-Trimethylbenzene
 Concen: 3.841 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007051.D
 Acq: 26 Nov 2018 16:50

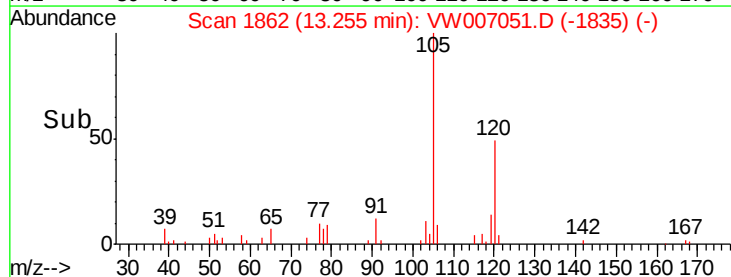
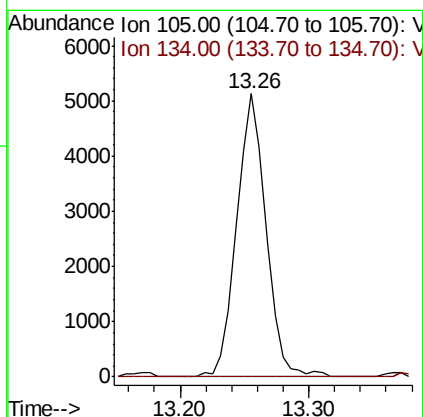
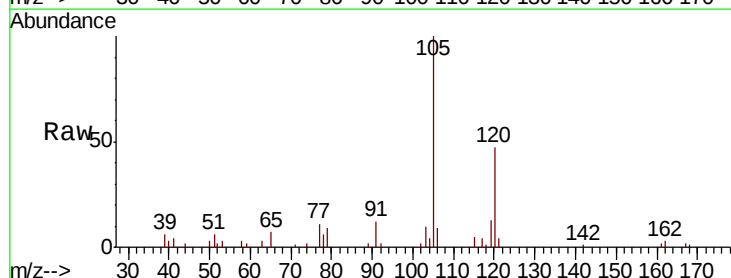
Instrument :
 MSVOA_W
 ClientSampleId :

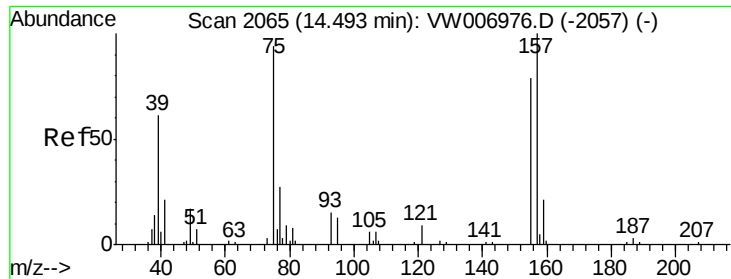
Tot Ion:105 Resp: 8087
 Ion Ratio Lower Upper
 105 100
 120 46.0 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 3.129 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.13 min
 Lab File: VW007051.D
 Acq: 26 Nov 2018 16:50

Tgt Ion:105 Resp: 8087
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#

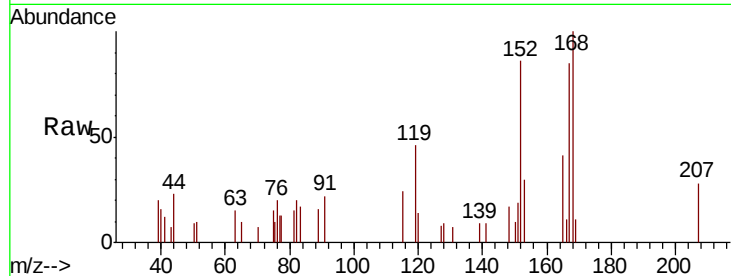




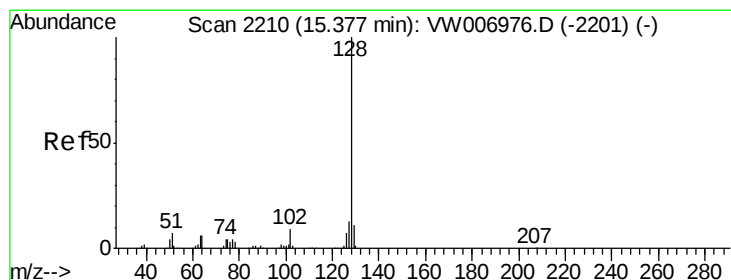
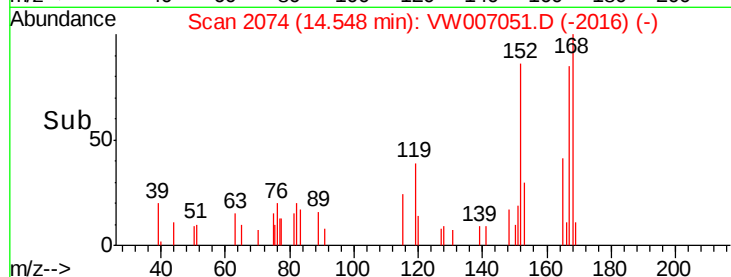
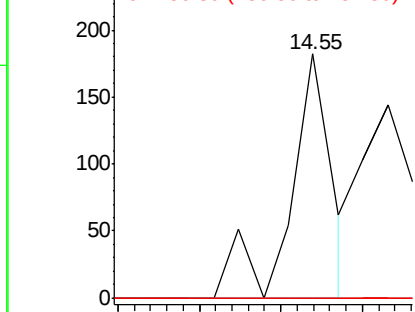
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.330 ug/l
 RT: 14.55 min Scan# 2074
 Delta R.T. 0.05 min
 Lab File: VW007051.D
 Acq: 26 Nov 2018 16:50

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 128
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.6 127.8#
 157 0.0 55.0 165.0#

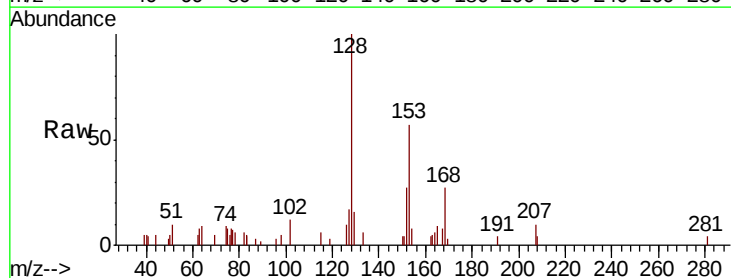


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



#95
 Naphthalene
 Concen: 3.669 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW007051.D
 Acq: 26 Nov 2018 16:50

Tgt Ion: 128 Resp: 4123
 Ion Ratio Lower Upper
 128 100
 127 16.3 10.5 15.7#
 129 12.7 8.7 13.1



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

