

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021020\
 Data File : VD065137.D
 Acq On : 10 Feb 2020 17:14
 Operator : VA/SY
 Sample : L1403-14RE
 Misc : 7.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 11 08:07:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

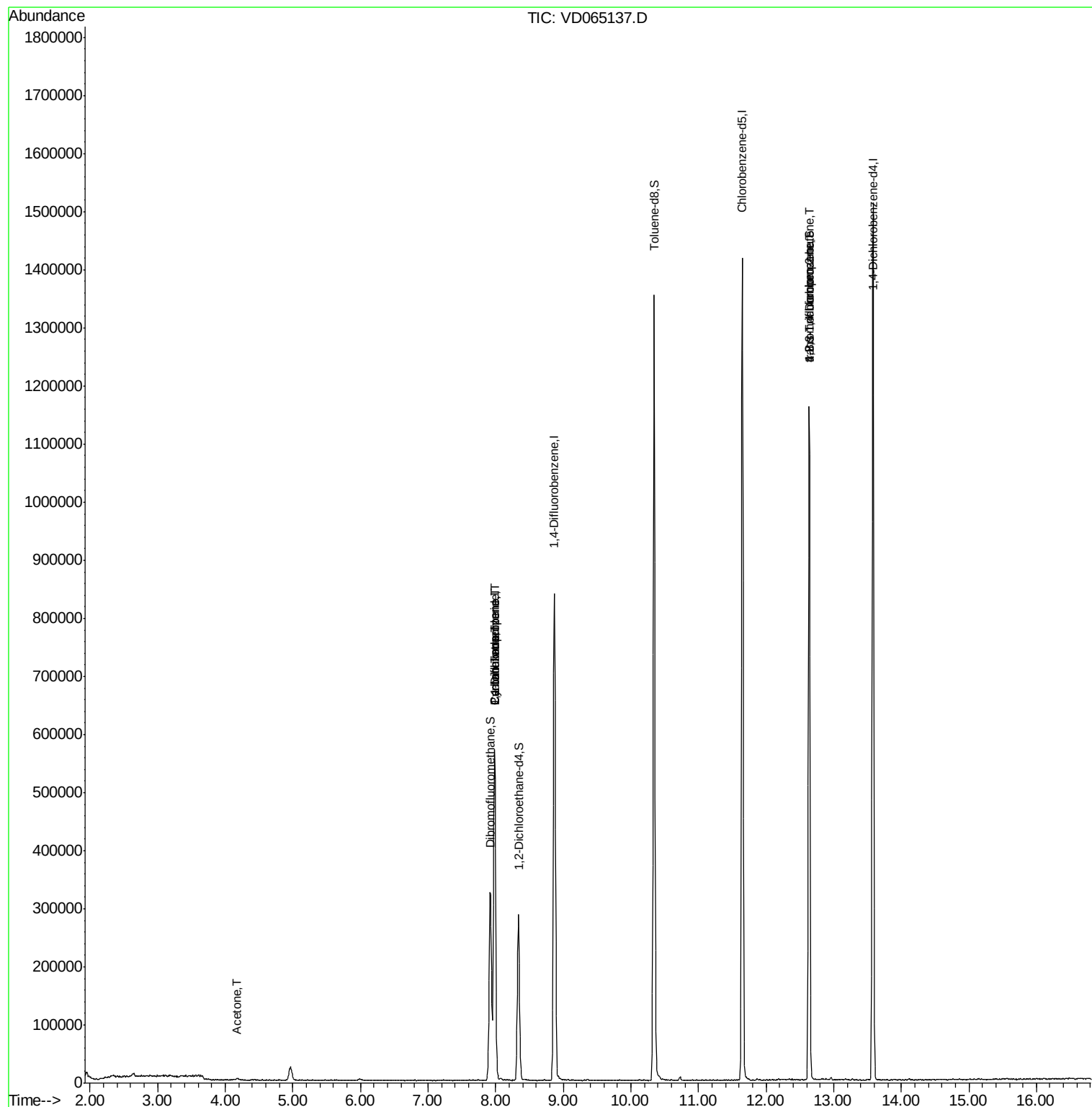
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	439964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	734547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	789197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	402632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	230036	61.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.04%	
35) Dibromofluoromethane	7.92	113	236036	57.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.18%	
50) Toluene-d8	10.34	98	906863	55.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.18%	
62) 4-Bromofluorobenzene	12.64	95	359178	69.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.98%	
Target Compounds				Qvalue		
16) Acetone	4.17	43	4703	5.031	ug/l #	75
31) Cyclohexane	7.98	56	8963	1.205	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	33869	4.959	ug/l #	49
38) Carbon Tetrachloride	7.98	117	41786	5.990	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	181814	59.643	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	181814	119.282	ug/l #	10

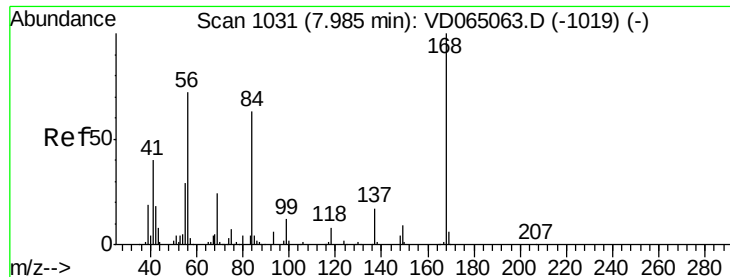
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021020\
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QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065137.D

Acq: 10 Feb 2020 17:14

Instrument :

MSVOA_D

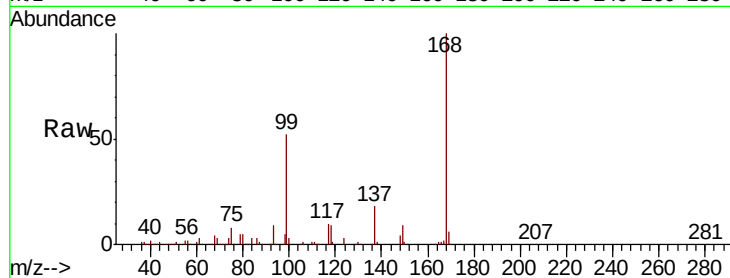
ClientSampleId :

Tot Ion:168 Resp: 439964

Ion Ratio Lower Upper

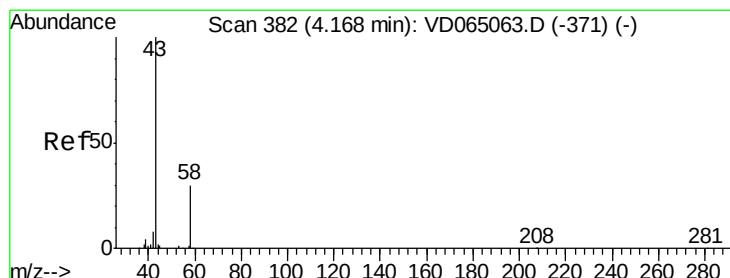
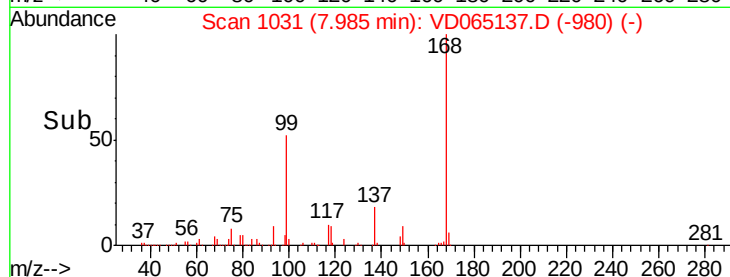
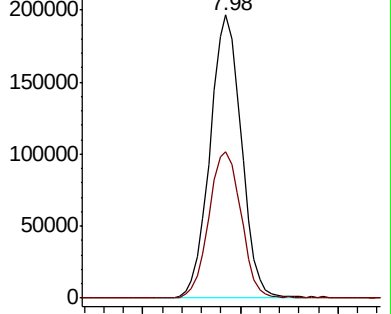
168 100

99 51.7 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 5.031 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065137.D

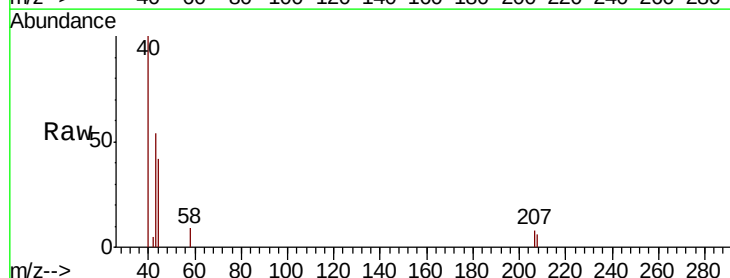
Acq: 10 Feb 2020 17:14

Tgt Ion: 43 Resp: 4703

Ion Ratio Lower Upper

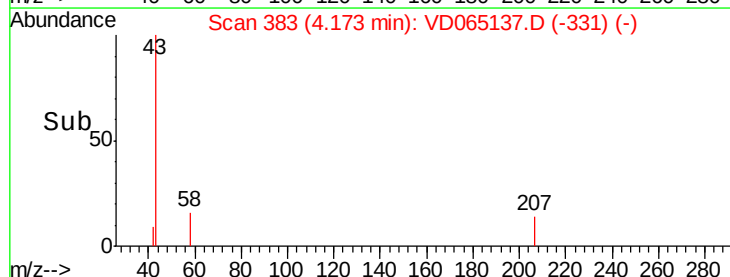
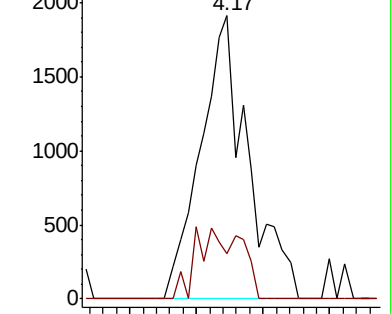
43 100

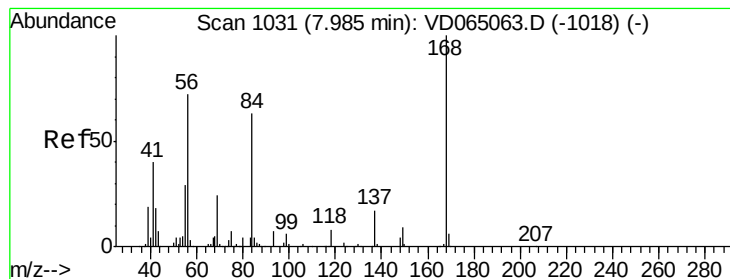
58 16.2 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#31

Cyclohexane

Concen: 1.205 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065137.D

Acq: 10 Feb 2020 17:14

Instrument :
MSVOA_D
ClientSampled :

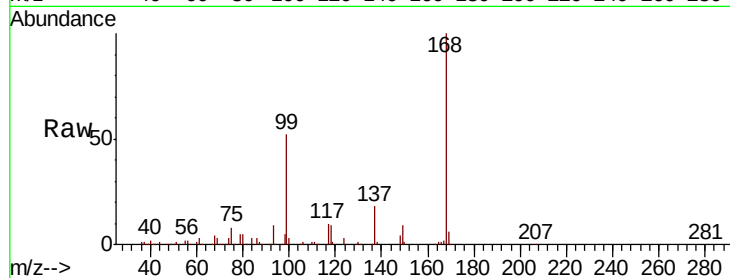
Tot Ion: 56 Resp: 8963

Ion Ratio Lower Upper

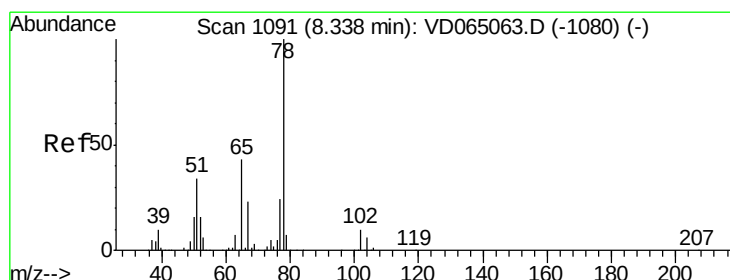
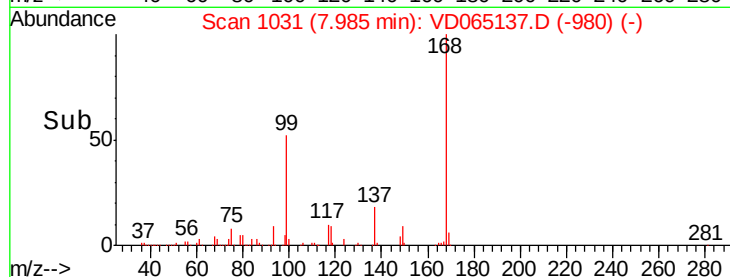
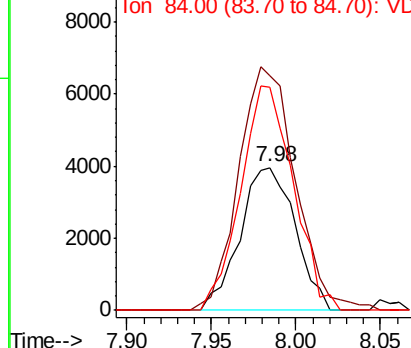
56 100

69 164.9 26.6 40.0#

84 156.0 70.6 106.0#



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



#33

1,2-Dichloroethane-d4

Concen: 61.518 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065137.D

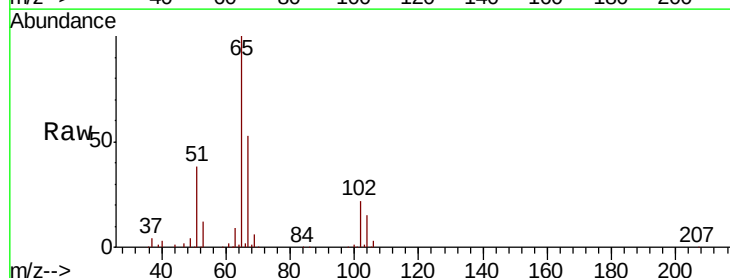
Acq: 10 Feb 2020 17:14

Tgt Ion: 65 Resp: 230036

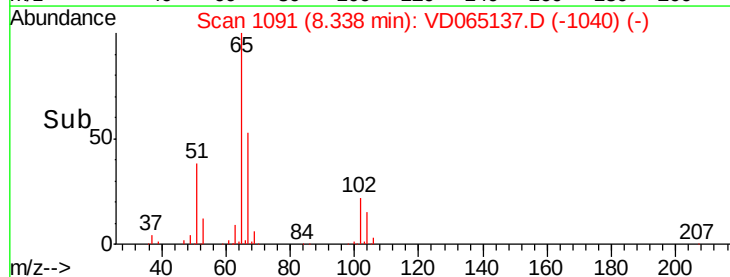
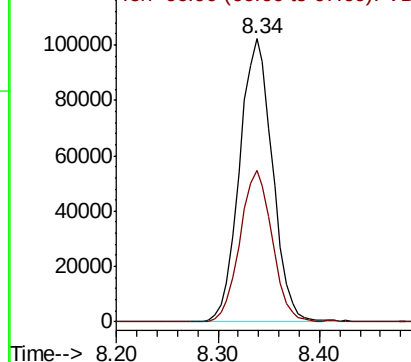
Ion Ratio Lower Upper

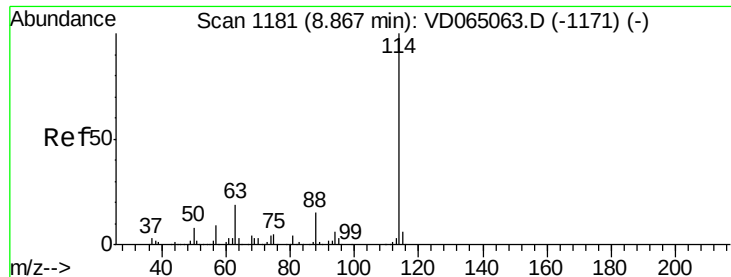
65 100

67 52.4 0.0 105.8



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065137.D

Acq: 10 Feb 2020 17:14

Instrument :

MSVOA_D

ClientSampleId :

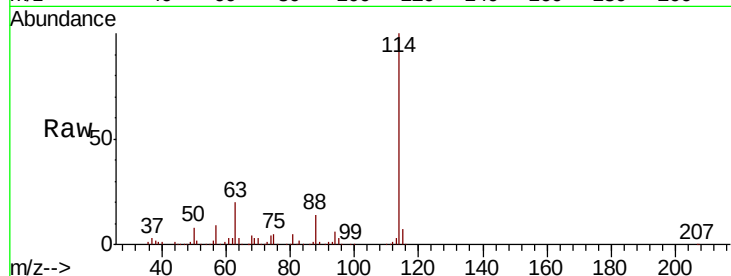
Tot Ion:114 Resp: 734547

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

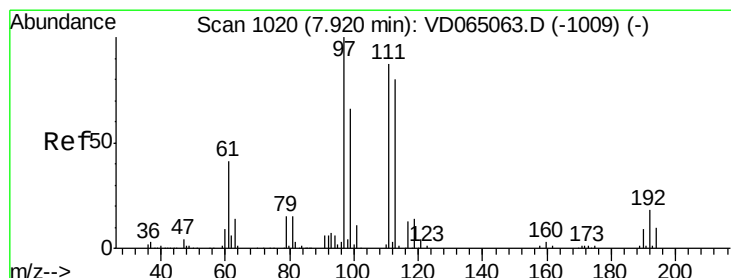
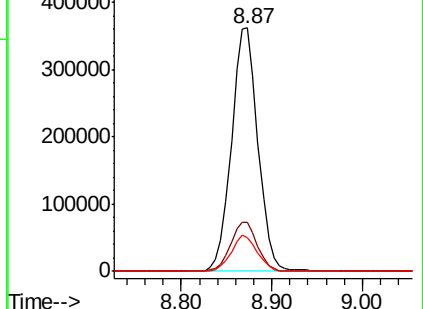
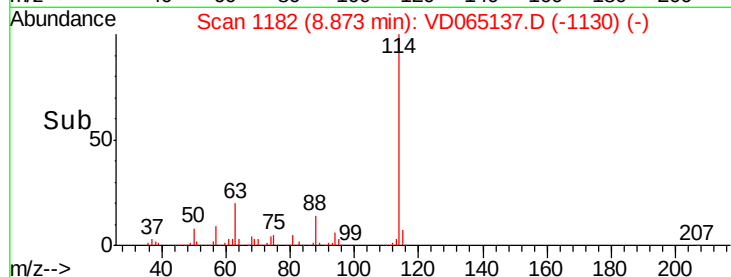
88 14.1 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 57.593 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065137.D

Acq: 10 Feb 2020 17:14

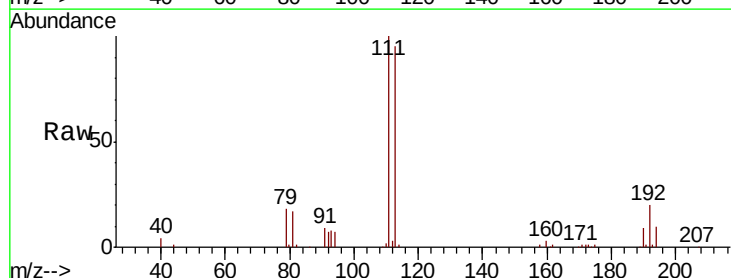
Tgt Ion:113 Resp: 236036

Ion Ratio Lower Upper

113 100

111 102.4 83.1 124.7

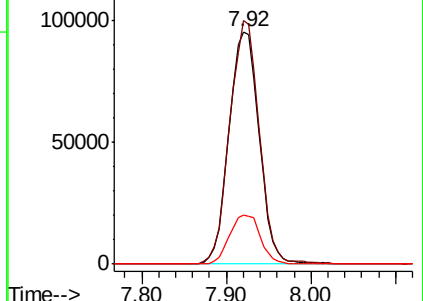
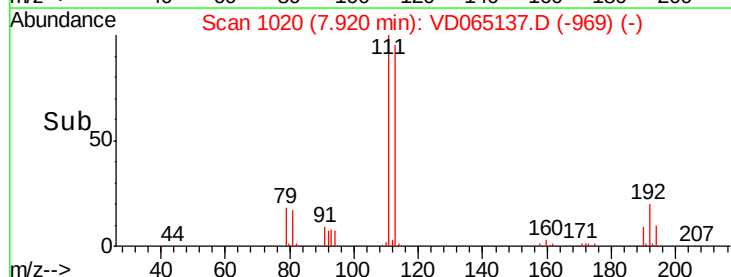
192 21.6 18.1 27.1

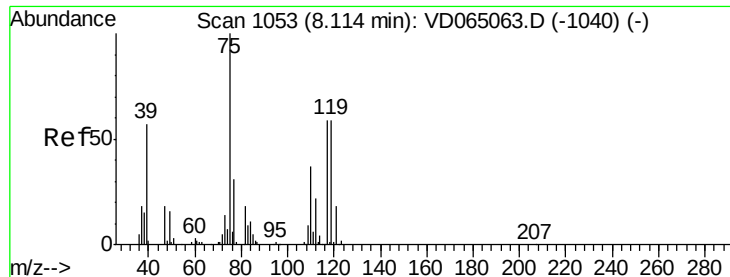


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

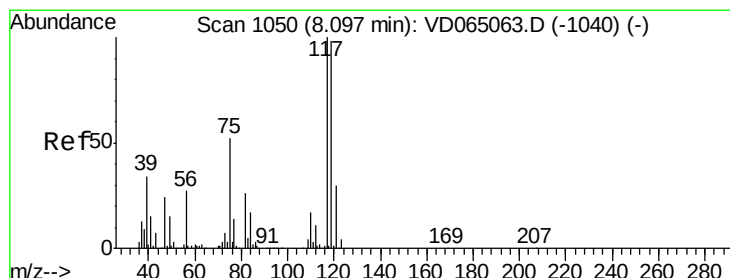
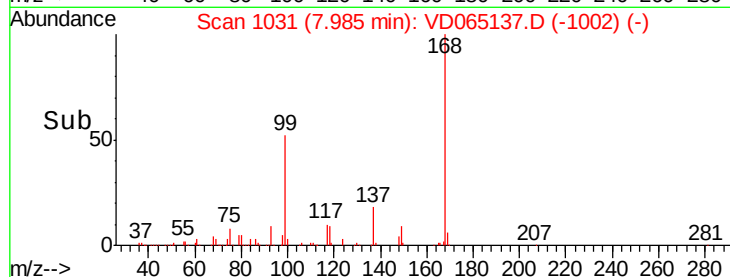
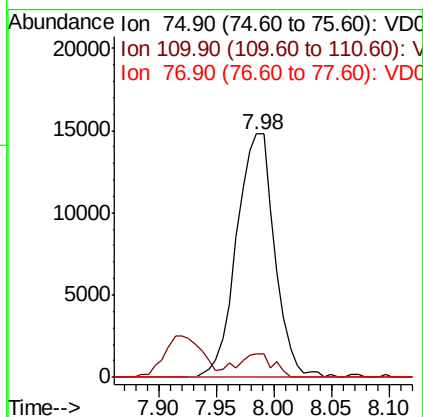
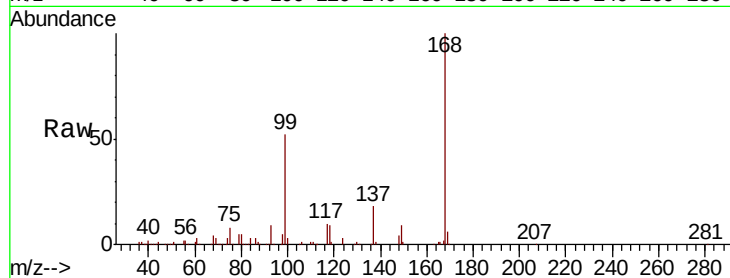




#36
 1,1-Dichloropropene
 Concen: 4.959 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065137.D
 Acq: 10 Feb 2020 17:14

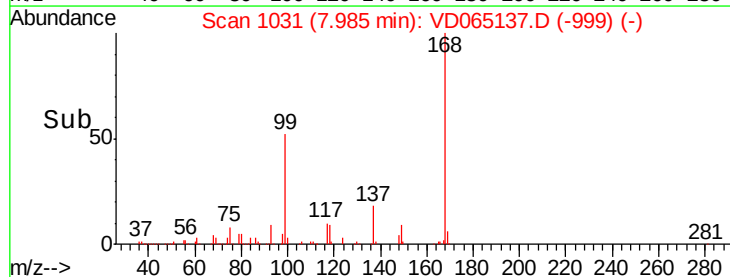
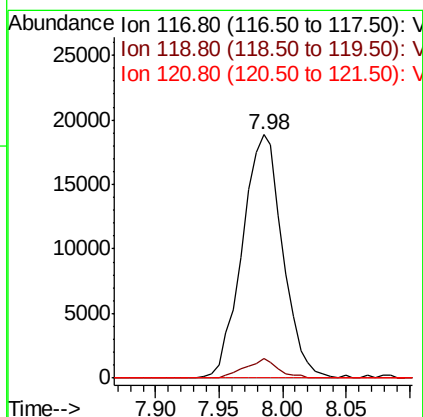
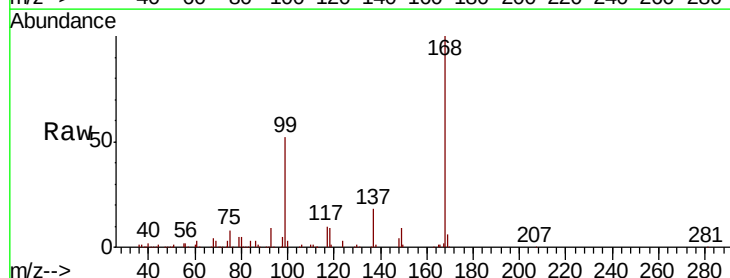
Instrument :
 MSVOA_D
 ClientSampleId :

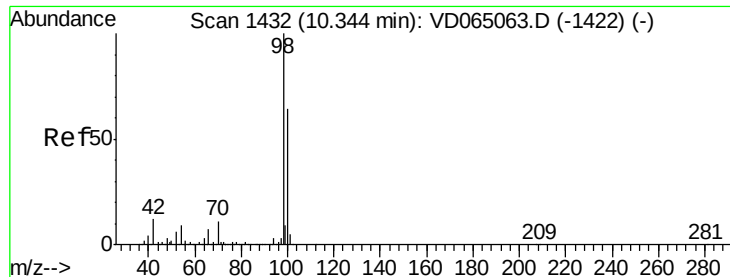
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.990 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD065137.D
 Acq: 10 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	8.2	78.5	117.7#
121	0.0	23.8	35.6#

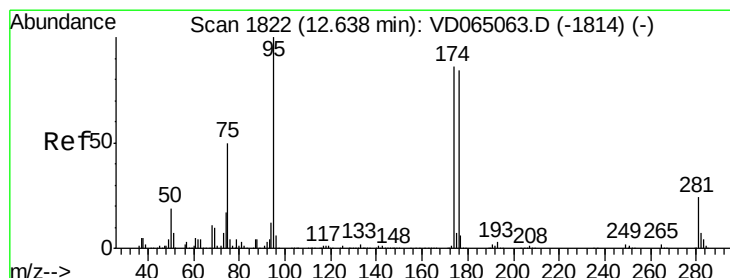
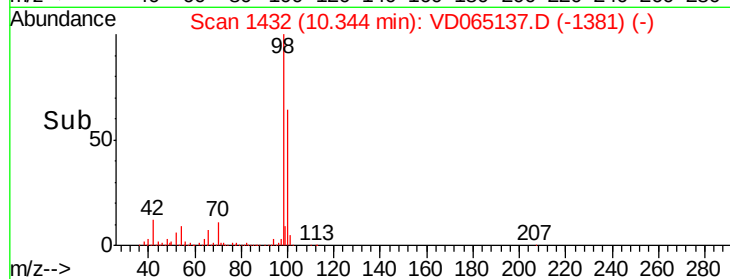
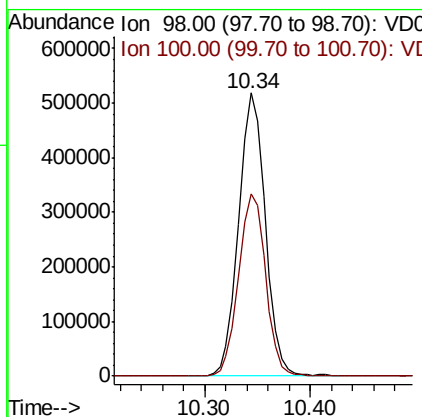
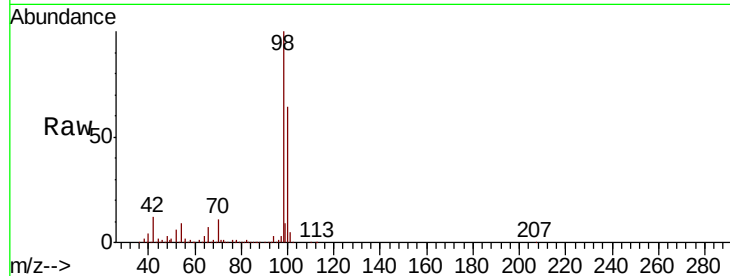




#50
Toluene-d8
Concen: 55.593 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065137.D
Acq: 10 Feb 2020 17:14

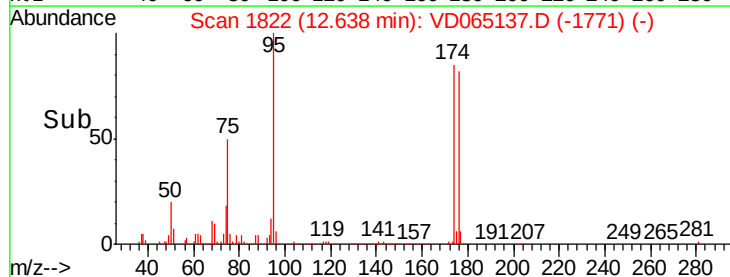
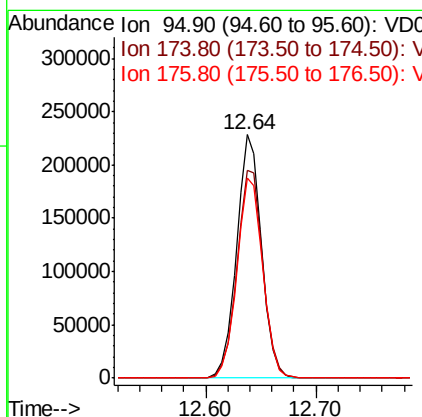
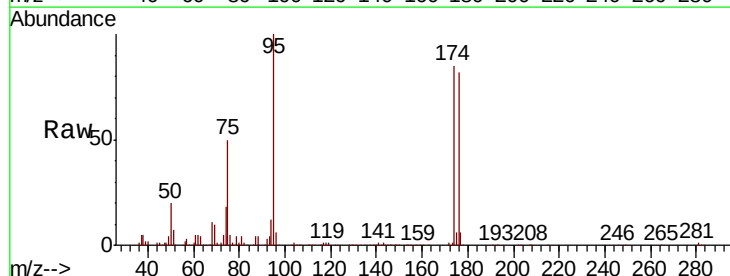
Instrument :
MSVOA_D
ClientSampleId :

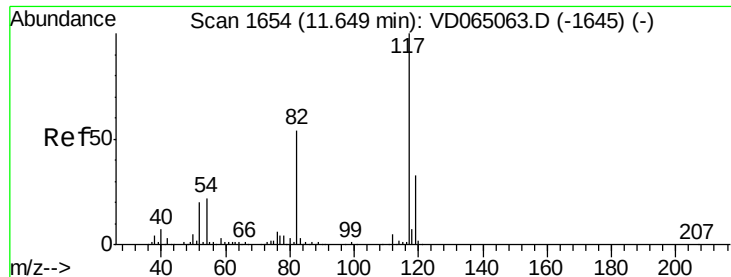
Tot Ion: 98 Resp: 906863
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 69.489 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065137.D
Acq: 10 Feb 2020 17:14

Tgt Ion: 95 Resp: 359178
Ion Ratio Lower Upper
95 100
174 89.5 0.0 180.0
176 85.5 0.0 173.2

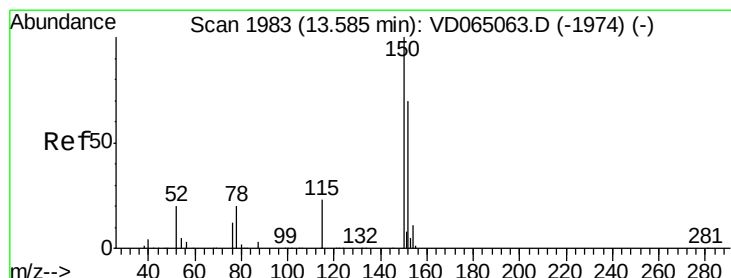
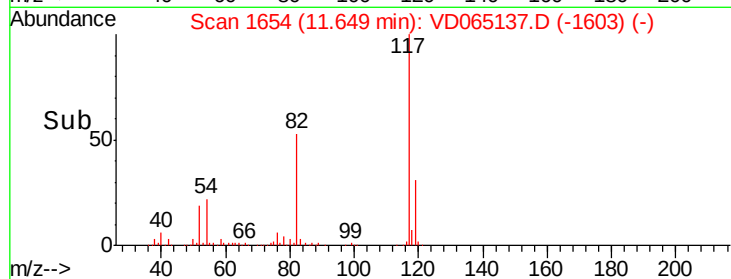
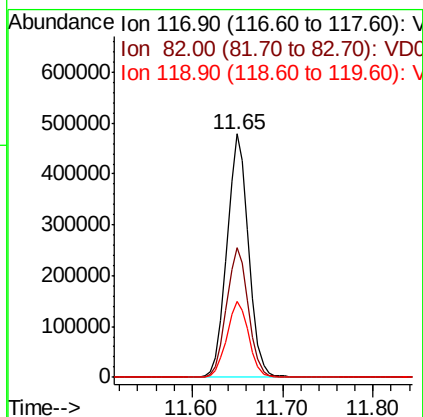
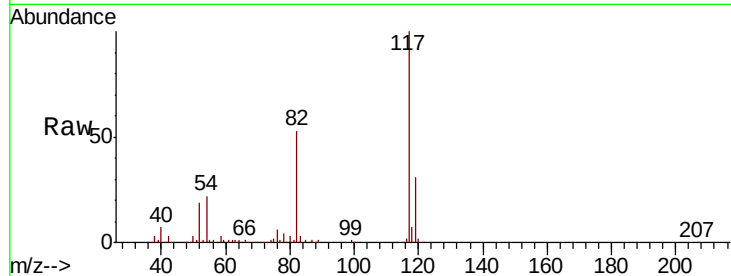




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065137.D
Acq: 10 Feb 2020 17:14

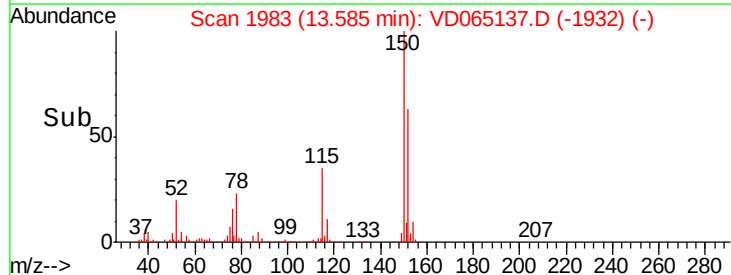
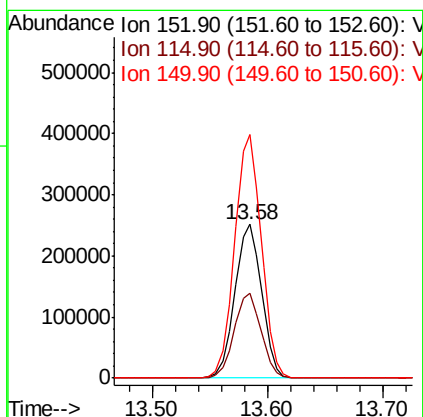
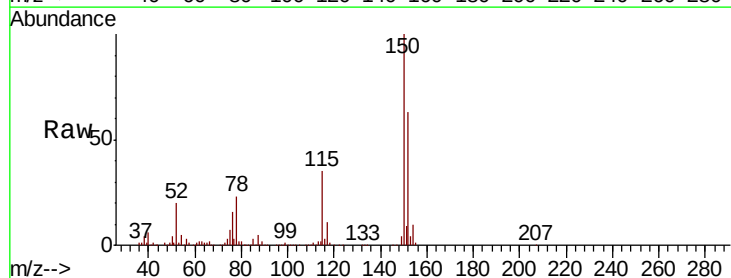
Instrument :
MSVOA_D
ClientSampleId :

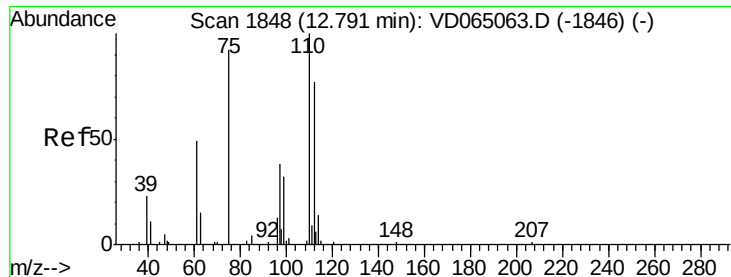
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.1	64.7
119	31.2	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065137.D
Acq: 10 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.5	82.4
150	158.1	0.0	343.2

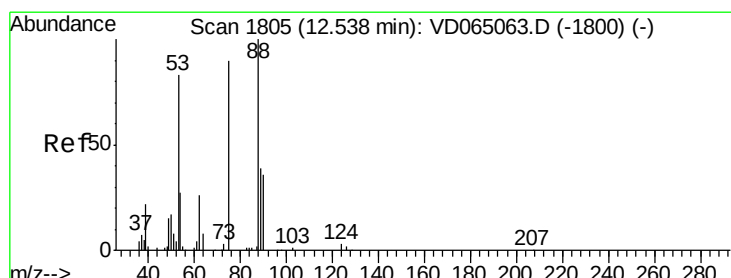
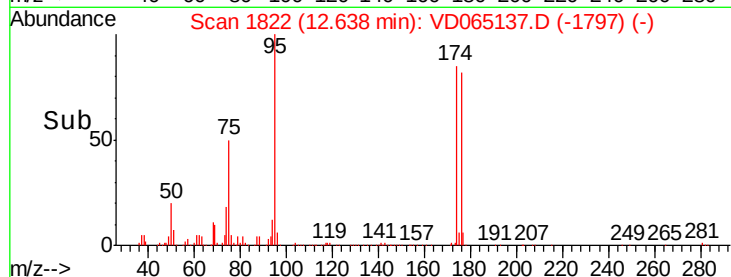
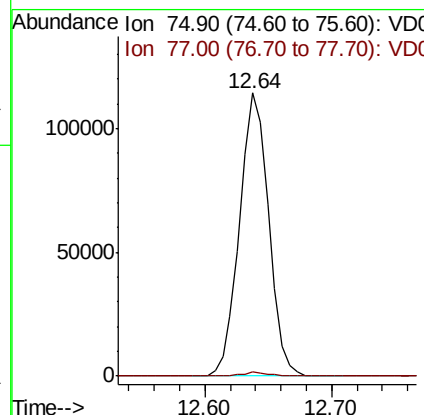
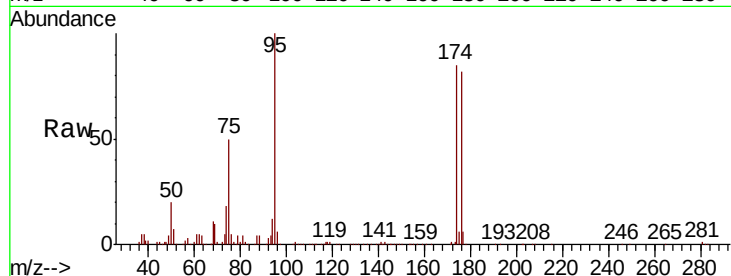




#76
 1,2,3-Trichloropropane
 Concen: 59.643 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD065137.D
 Acq: 10 Feb 2020 17:14

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 75 Resp: 181814
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.282 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.10 min
 Lab File: VD065137.D
 Acq: 10 Feb 2020 17:14

Tgt Ion: 75 Resp: 181814
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.0 55.4#

