

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121019\
 Data File : VD064486.D
 Acq On : 10 Dec 2019 12:40
 Operator : VA/SY
 Sample : K6205-05RE
 Misc : 6.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 11 00:48:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

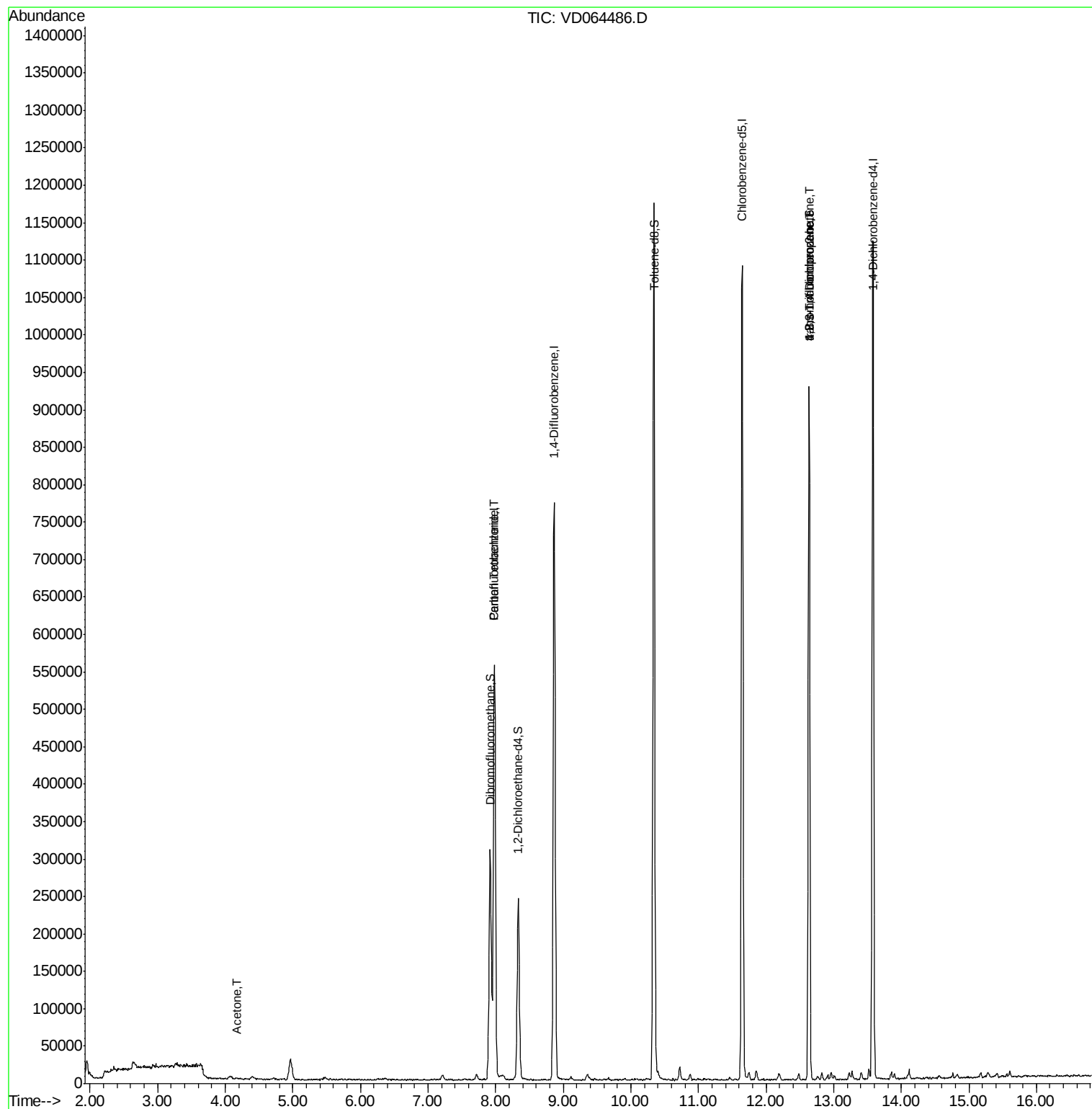
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	452998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	684527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	644089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	315887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	189073	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
35) Dibromofluoromethane	7.92	113	210346	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
50) Toluene-d8	10.34	98	813919	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.64	95	277802	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
Target Compounds						
					Qvalue	
16) Acetone	4.18	43	2676	3.230	ug/l #	47
31) Cyclohexane	7.98	56	12151	Below Cal	#	38
38) Carbon Tetrachloride	7.98	117	41876	6.128	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	146347	56.336	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	146347	122.842	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.59	75	55	Below Cal	#	1

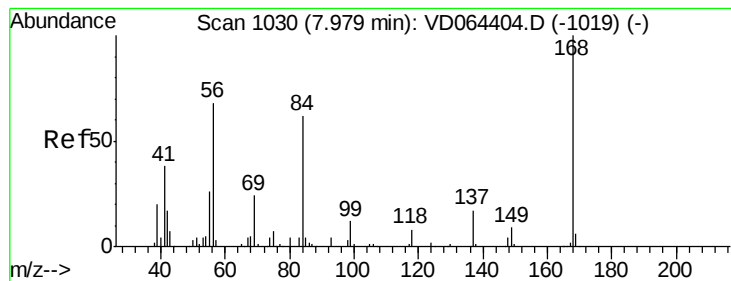
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121019\
Data File : VD064486.D
Acq On : 10 Dec 2019 12:40
Operator : VA/SY
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Quant Time: Dec 11 00:48:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064486.D

Acq: 10 Dec 2019 12:40

Instrument :

MSVOA_D

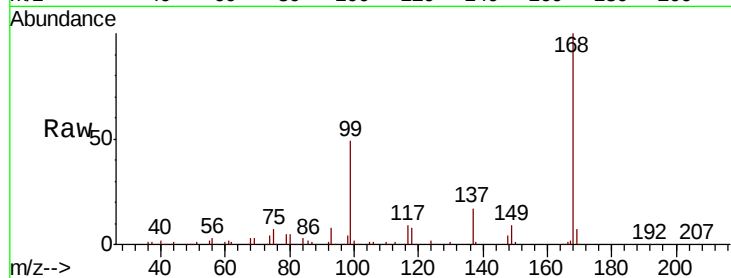
ClientSampleId :

Tot Ion:168 Resp: 452998

Ion Ratio Lower Upper

168 100

99 48.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

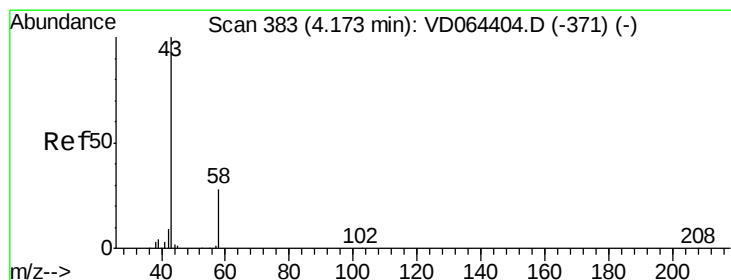
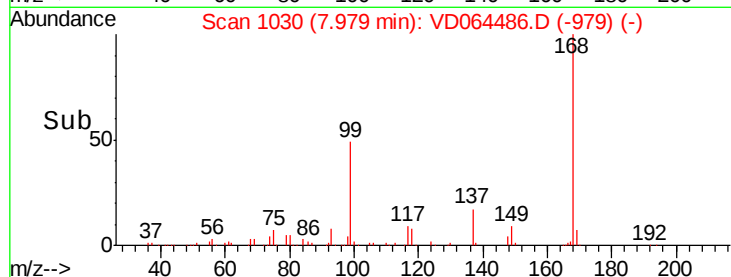
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.230 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064486.D

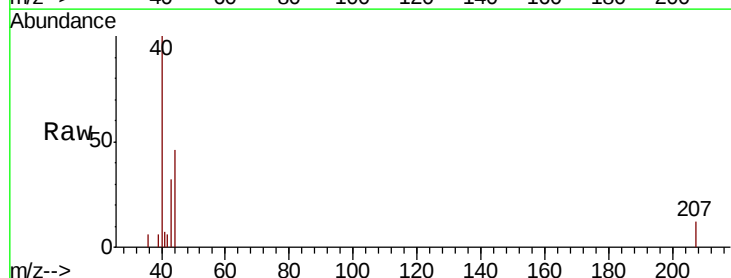
Acq: 10 Dec 2019 12:40

Tgt Ion: 43 Resp: 2676

Ion Ratio Lower Upper

43 100

58 0.0 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.18

1200

1000

800

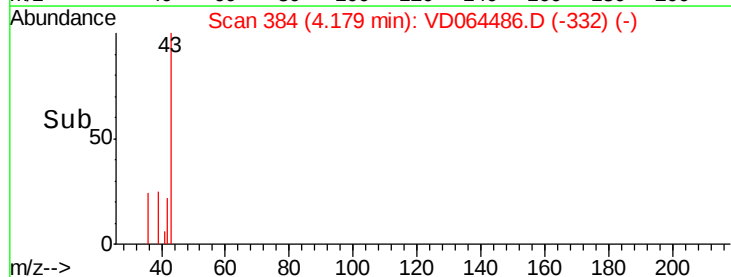
600

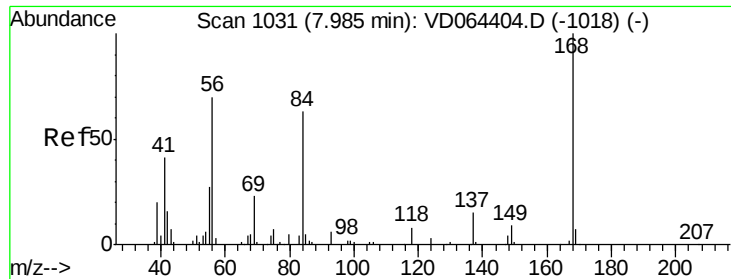
400

200

0

Time-->

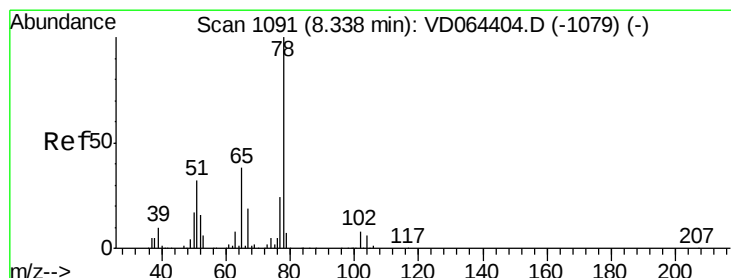
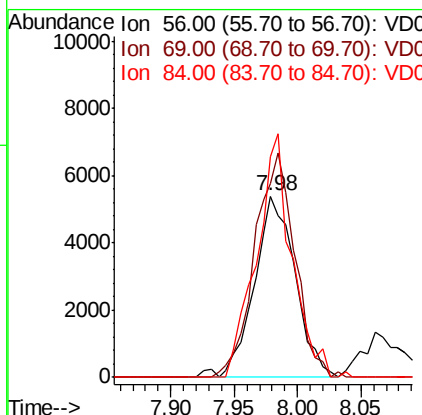
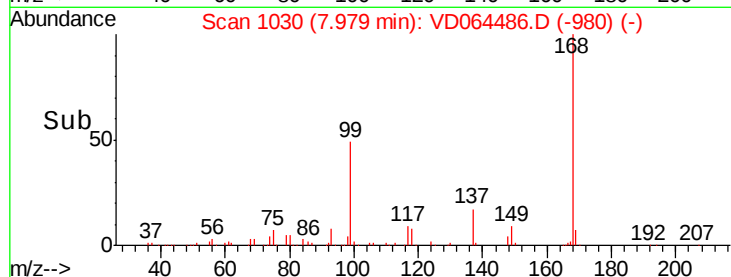
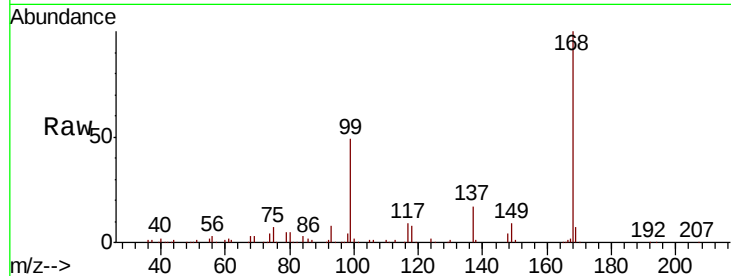




#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064486.D
Acq: 10 Dec 2019 12:40

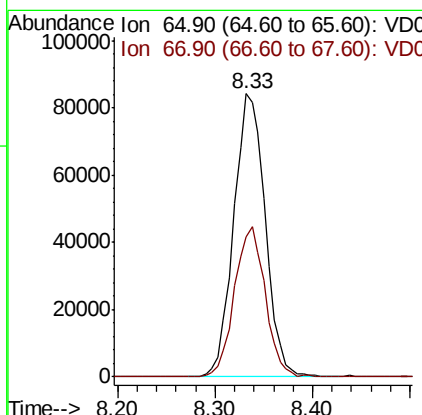
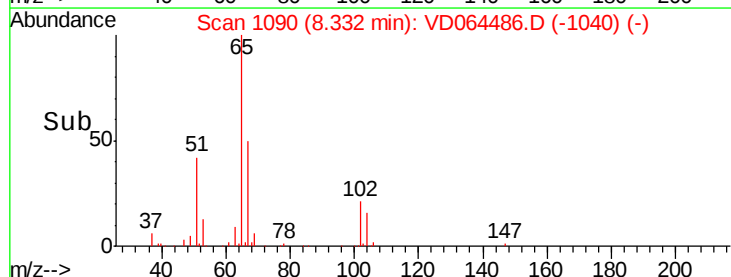
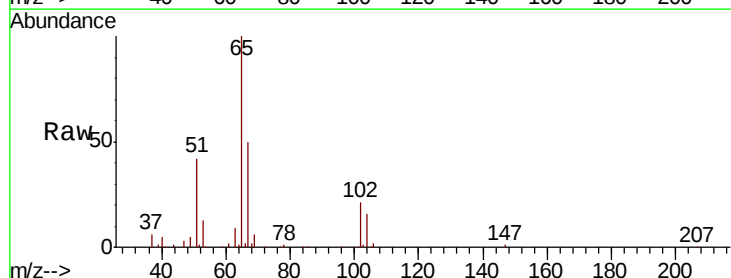
Instrument :
MSVOA_D
ClientSampled :

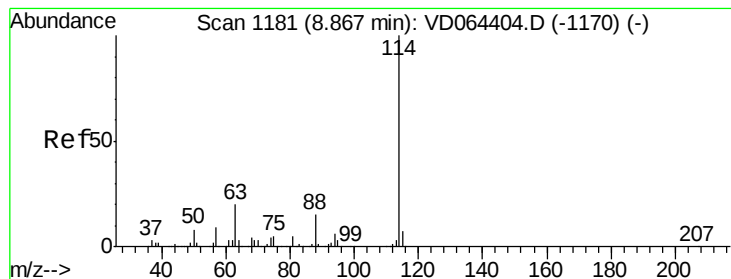
Tot Ion: 56 Resp: 12151
Ion Ratio Lower Upper
56 100
69 106.6 26.2 39.4#
84 121.7 70.3 105.5#



#33
1,2-Dichloroethane-d4
Concen: 46.112 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064486.D
Acq: 10 Dec 2019 12:40

Tgt Ion: 65 Resp: 189073
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064486.D

Acq: 10 Dec 2019 12:40

Instrument :

MSVOA_D

ClientSampleId :

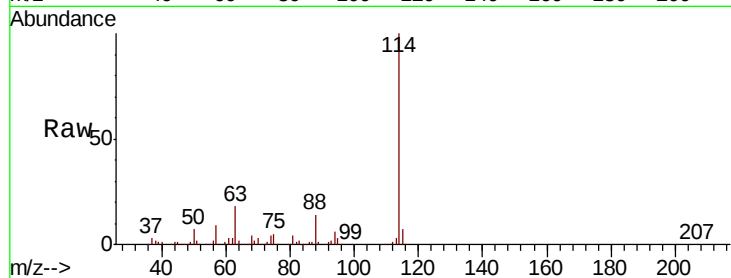
Tot Ion:114 Resp: 684527

Ion Ratio Lower Upper

114 100

63 18.2 0.0 40.0

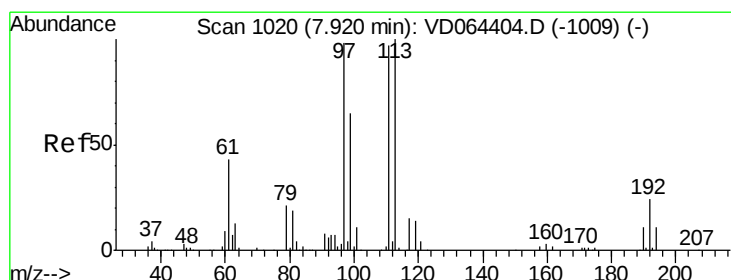
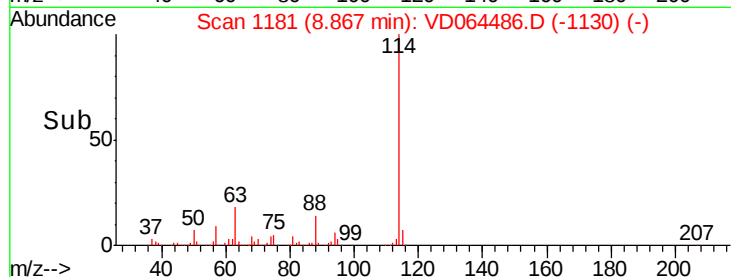
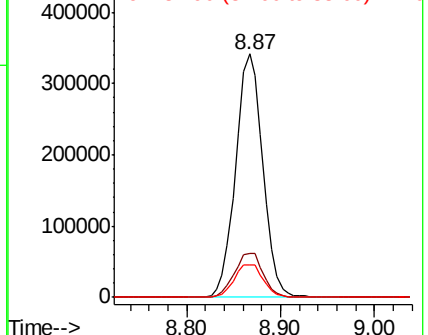
88 13.5 0.0 29.2



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: 48.772 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064486.D

Acq: 10 Dec 2019 12:40

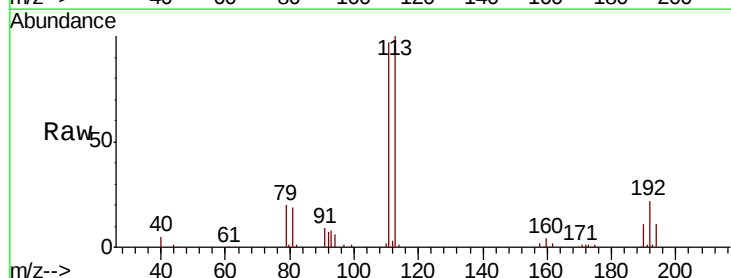
Tgt Ion:113 Resp: 210346

Ion Ratio Lower Upper

113 100

111 101.3 79.4 119.2

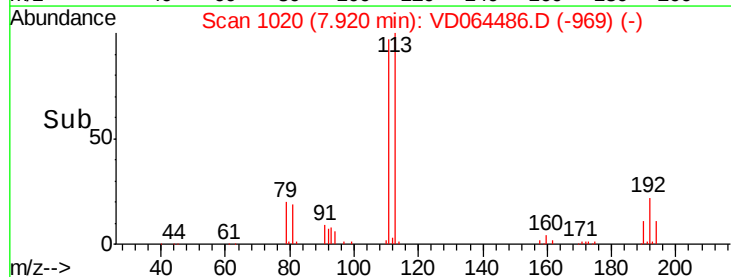
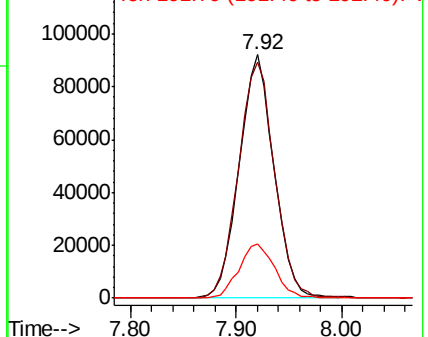
192 22.9 18.6 28.0

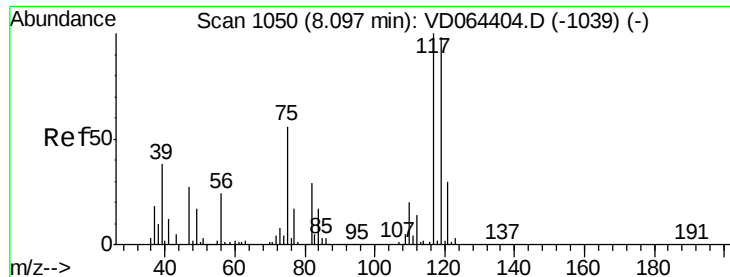


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

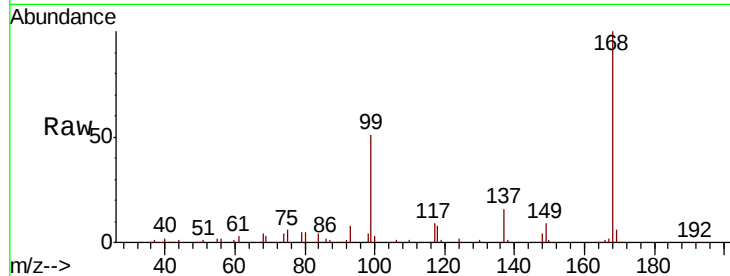




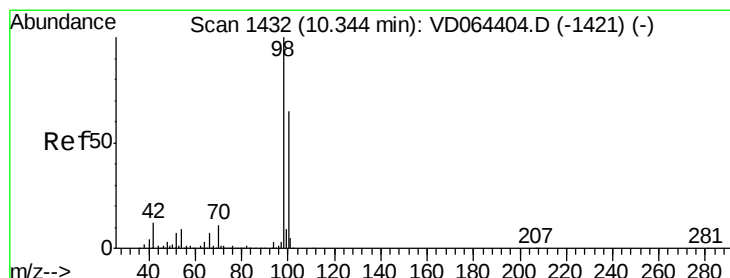
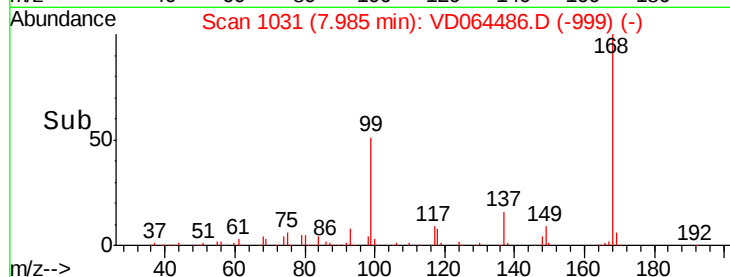
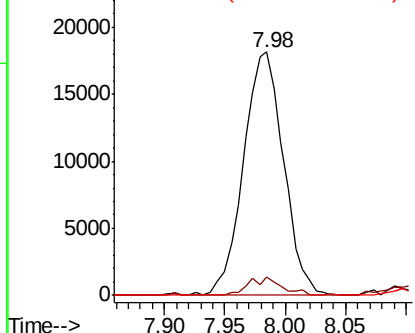
#38
Carbon Tetrachloride
Concen: 6.128 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064486.D
Acq: 10 Dec 2019 12:40

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 41876
Ion Ratio Lower Upper
117 100
119 7.7 78.8 118.2#
121 0.0 24.2 36.2#

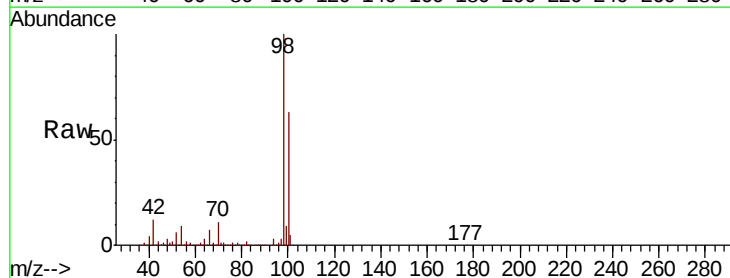


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

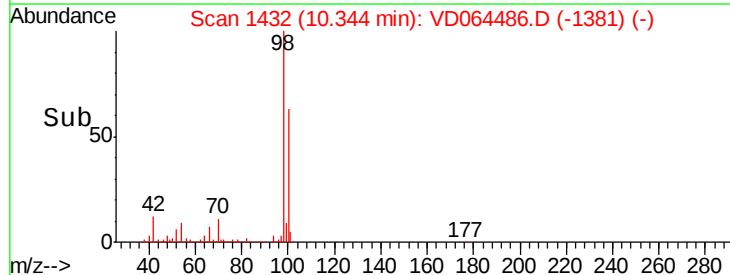
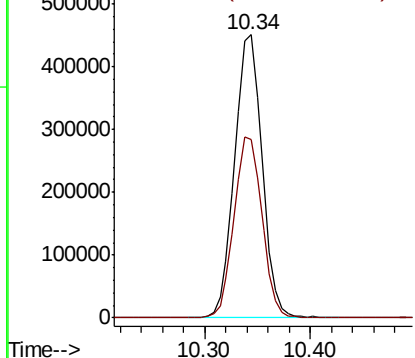


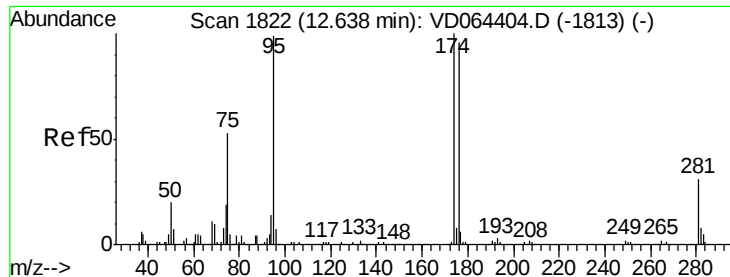
#50
Toluene-d8
Concen: 50.099 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064486.D
Acq: 10 Dec 2019 12:40

Tgt Ion: 98 Resp: 813919
Ion Ratio Lower Upper
98 100
100 65.0 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VD

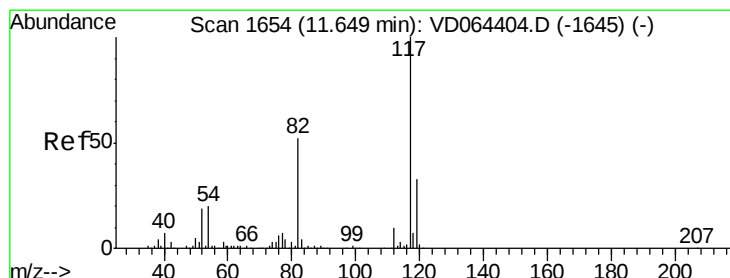
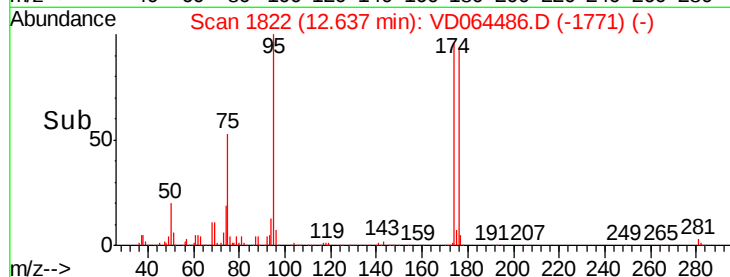
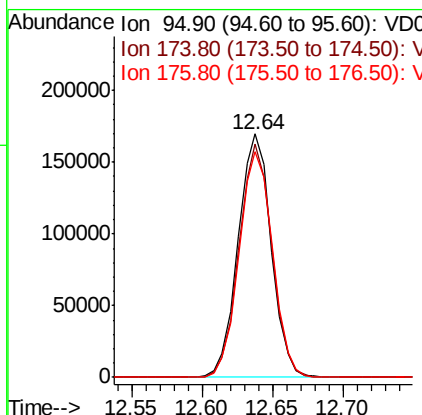
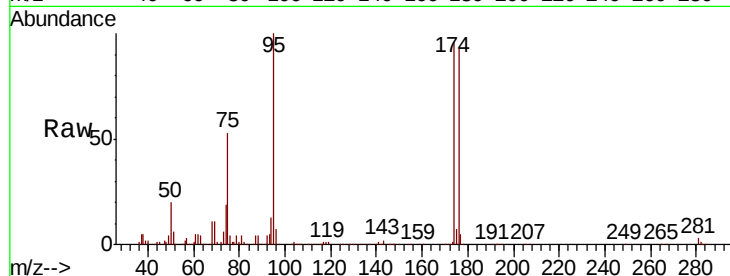




#62
4-Bromofluorobenzene
Concen: 53.208 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064486.D
Acq: 10 Dec 2019 12:40

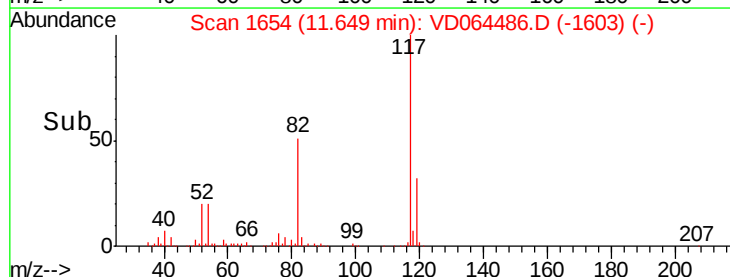
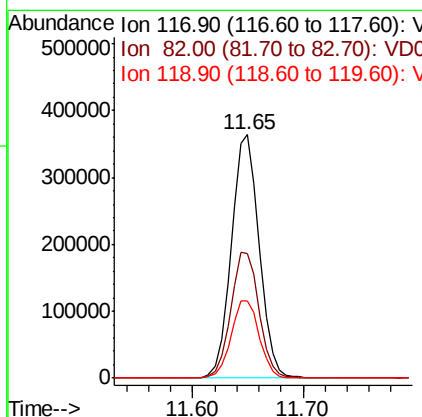
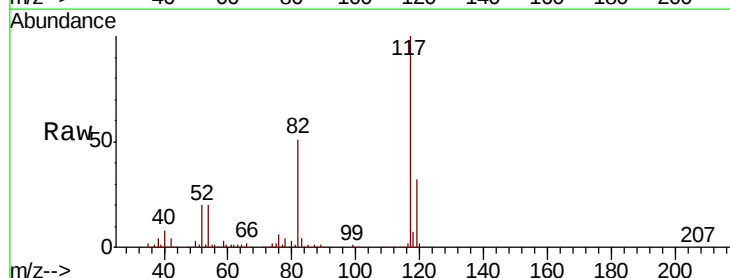
Instrument :
MSVOA_D
ClientSampled :

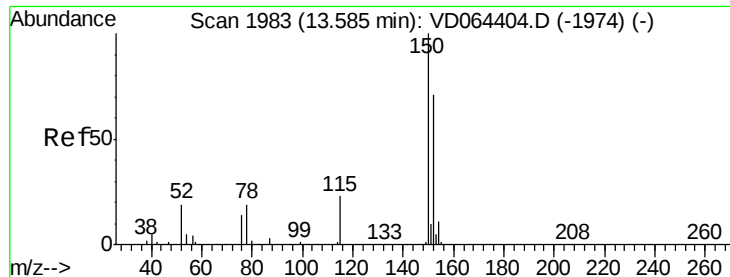
Tot Ion: 95 Resp: 277802
Ion Ratio Lower Upper
95 100
174 95.1 0.0 197.2
176 94.2 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064486.D
Acq: 10 Dec 2019 12:40

Tgt Ion: 117 Resp: 644089
Ion Ratio Lower Upper
117 100
82 51.2 41.4 62.2
119 31.8 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD064486.D

Acq: 10 Dec 2019 12:40

Instrument :

MSVOA_D

ClientSampleId :

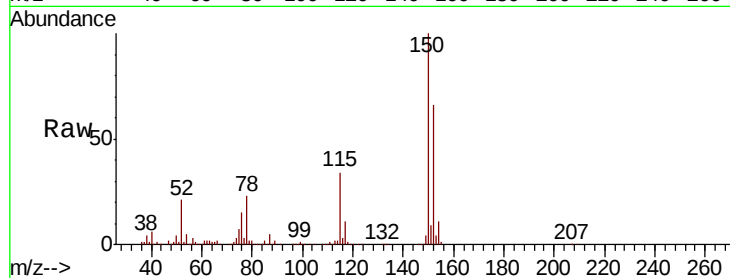
Tot Ion:152 Resp: 315887

Ion Ratio Lower Upper

152 100

115 55.1 26.7 80.1

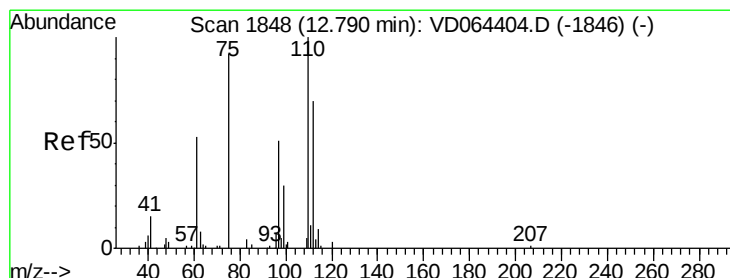
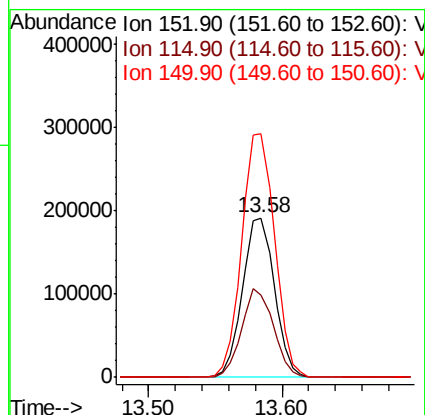
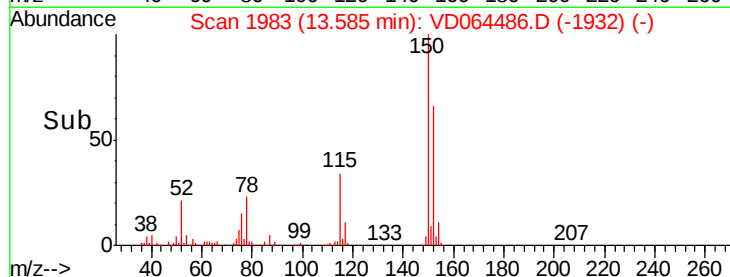
150 157.0 0.0 347.2



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



#76

1,2,3-Trichloropropane

Concen: 56.336 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064486.D

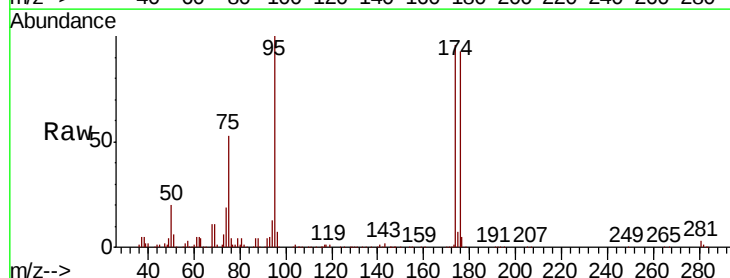
Acq: 10 Dec 2019 12:40

Tgt Ion: 75 Resp: 146347

Ion Ratio Lower Upper

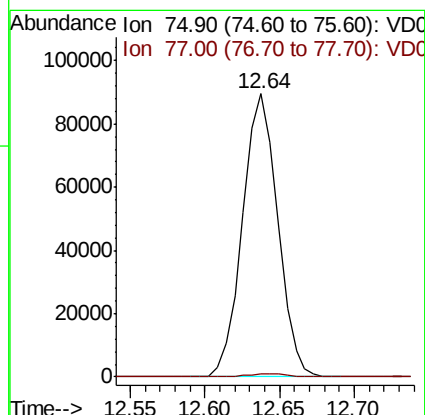
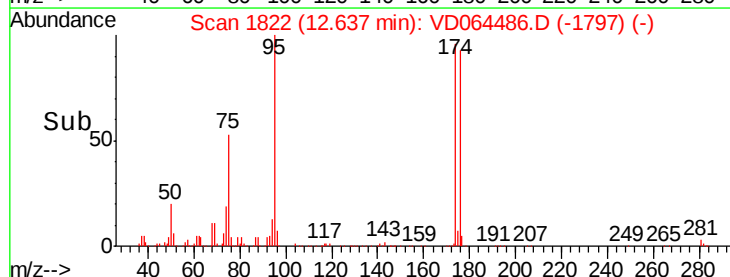
75 100

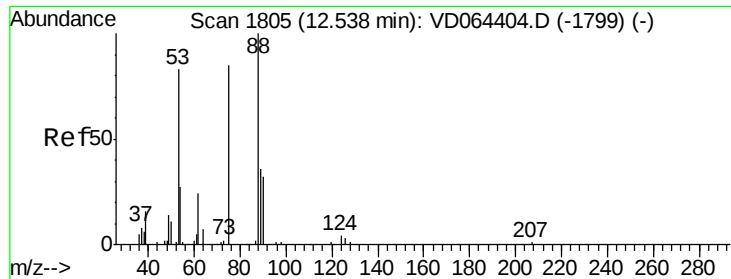
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

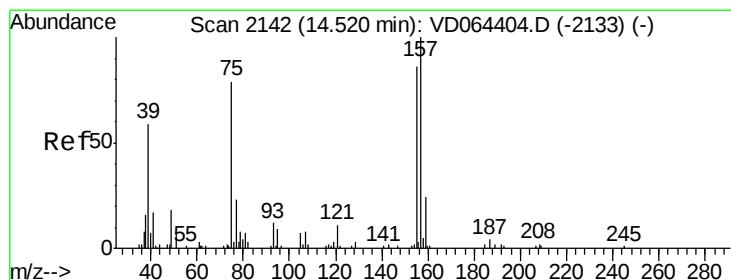
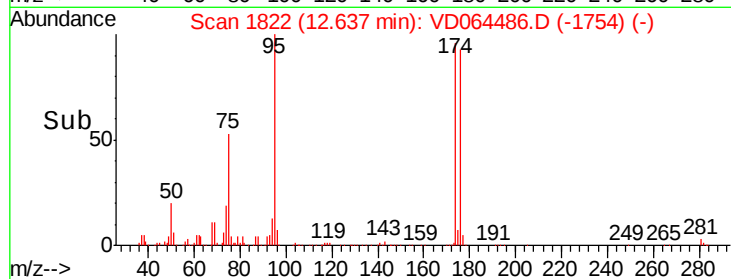
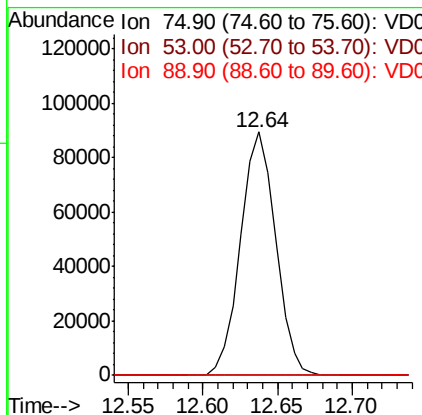
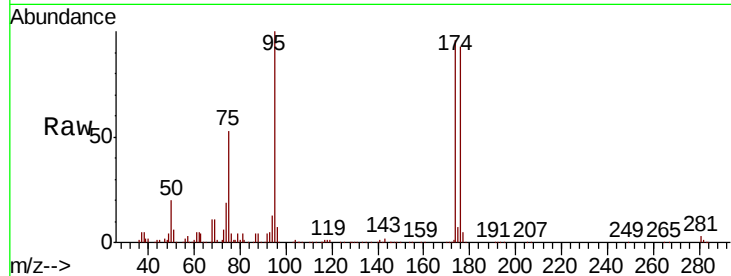




#81
trans-1,4-Dichloro-2-butene
Concen: 122.842 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.10 min
Lab File: VD064486.D
Acq: 10 Dec 2019 12:40

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 75 Resp: 146347
Ion Ratio Lower Upper
75 100
53 0.0 81.0 121.6#
89 0.0 38.5 57.7#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.59 min Scan# 2154
Delta R.T. 0.07 min
Lab File: VD064486.D
Acq: 10 Dec 2019 12:40

Tgt Ion: 75 Resp: 55
Ion Ratio Lower Upper
75 100
155 0.0 51.9 155.7#
157 0.0 63.2 189.8#

