

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD030220\
 Data File : VD065378.D
 Acq On : 02 Mar 2020 14:39
 Operator : VA/SY
 Sample : L1744-03
 Misc : 6.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Mar 02 15:21:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	574033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	970981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	886876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	407176	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	292151	56.57	ug/l	0.00
Spiked Amount			Recovery	=	113.14%	
35) Dibromofluoromethane	7.91	113	310793	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
50) Toluene-d8	10.34	98	1174982	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.64	95	361138	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	

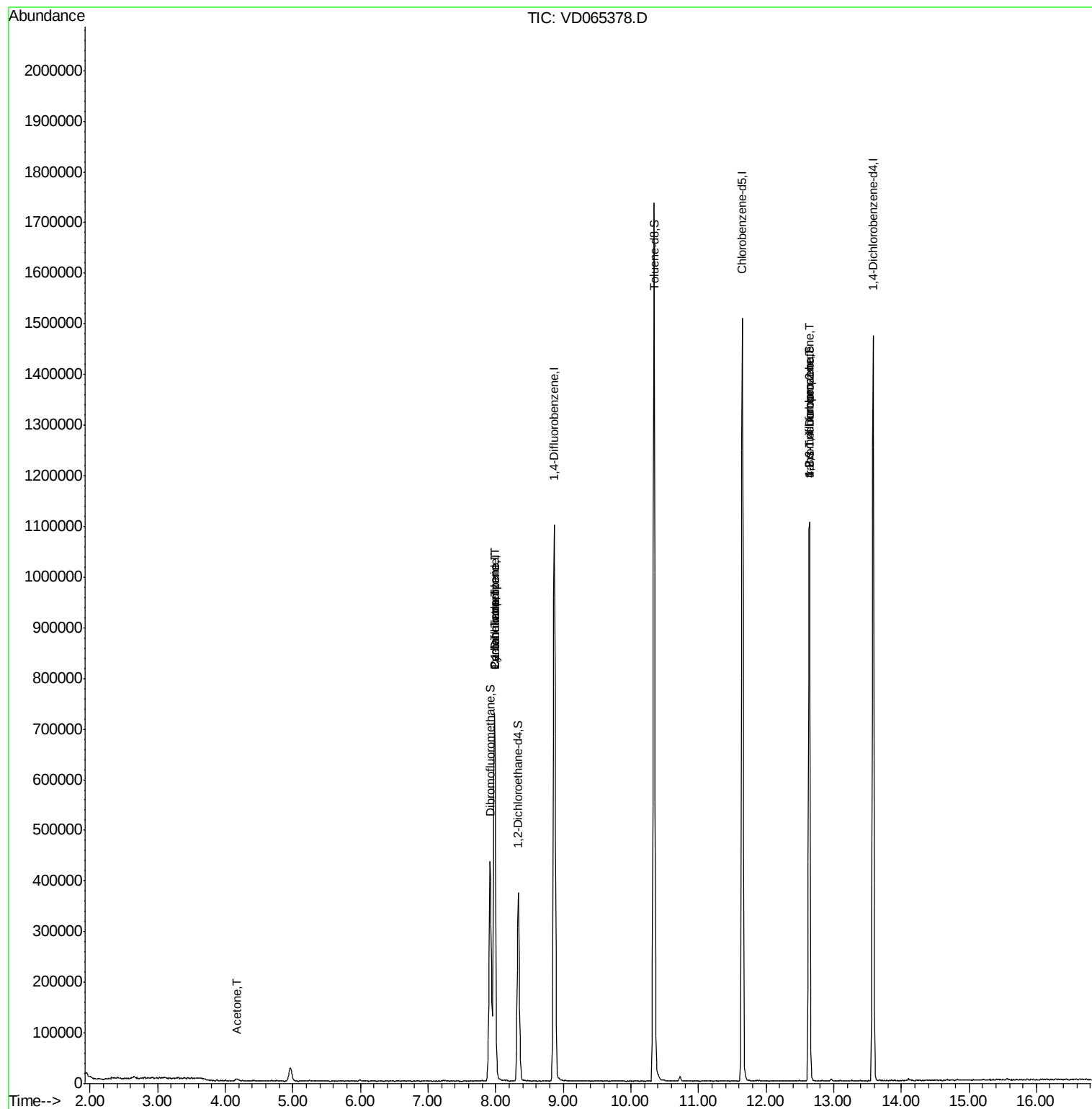
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	6838	5.42	ug/l #	83
20) Methylene Chloride	4.96	84	21132	Below Cal		95
31) Cyclohexane	7.98	56	10673	1.05	ug/l #	2
36) 1,1-Dichloropropene	7.98	75	41398	4.38	ug/l #	48
38) Carbon Tetrachloride	7.98	117	52777	5.49	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	176409	50.92	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	176409	109.95	ug/l #	11

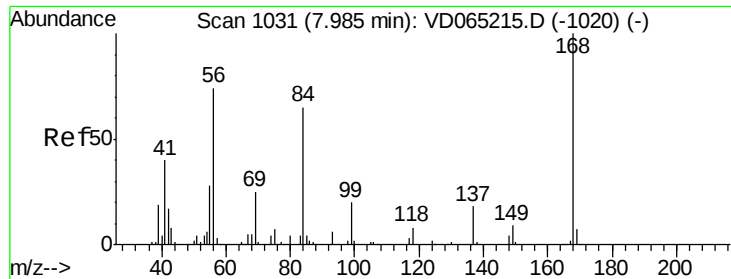
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065378.D

Acq: 02 Mar 2020 14:39

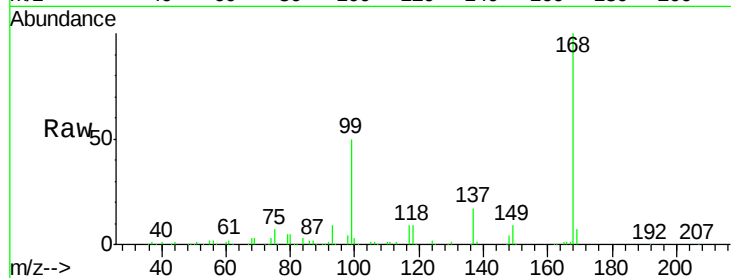
Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion: 168 Resp: 574033

Ion Ratio Lower Upper

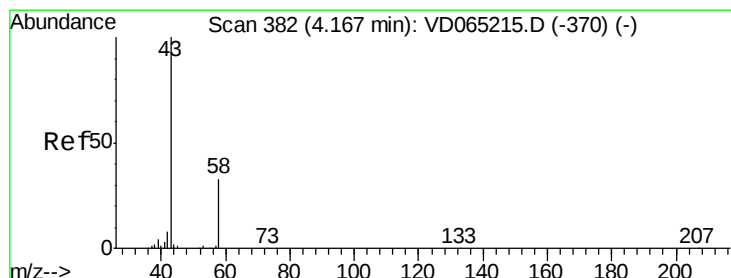
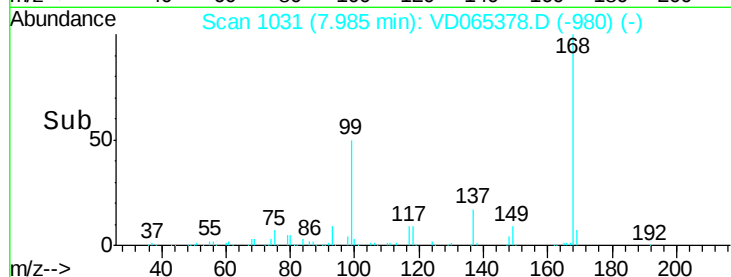
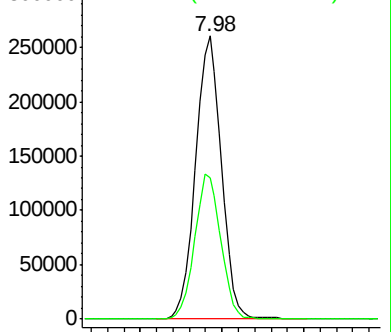
168 100

99 49.8 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 5.42 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065378.D

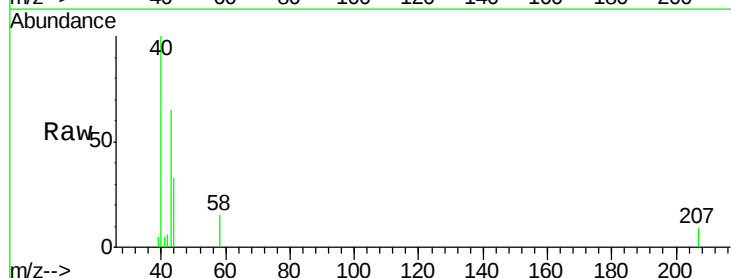
Acq: 02 Mar 2020 14:39

Tgt Ion: 43 Resp: 6838

Ion Ratio Lower Upper

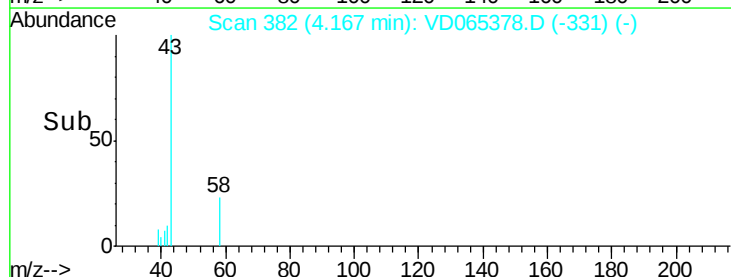
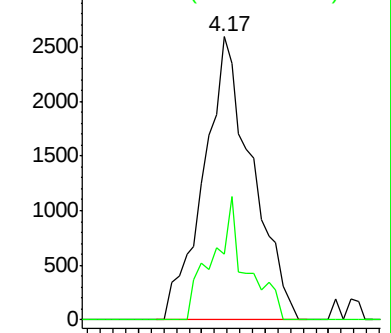
43 100

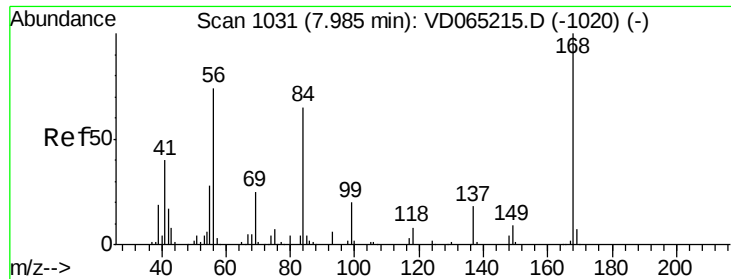
58 23.2 26.2 39.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

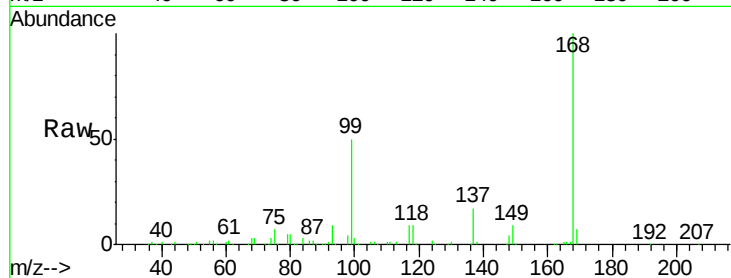




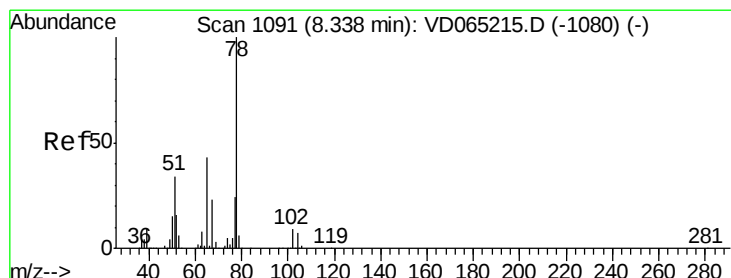
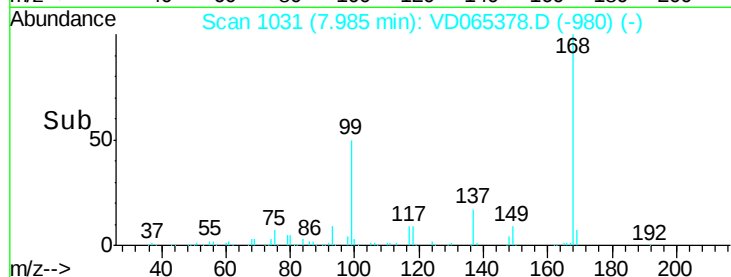
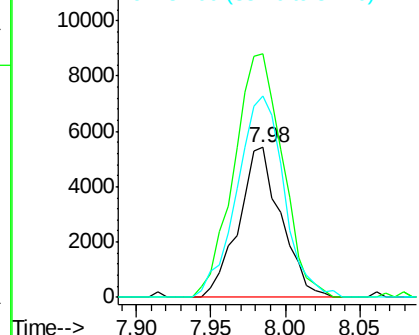
#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065378.D
Acq: 02 Mar 2020 14:39

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion: 56 Resp: 10673
Ion Ratio Lower Upper
56 100
69 162.7 27.4 41.0#
84 134.8 71.1 106.7#

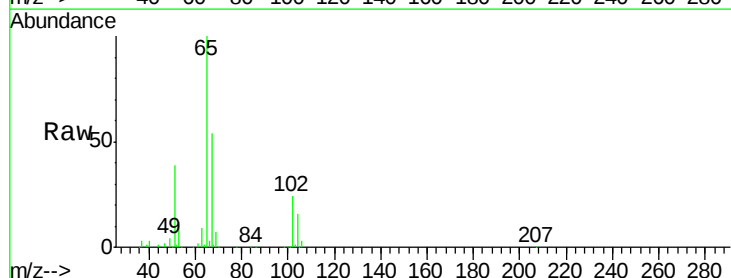


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

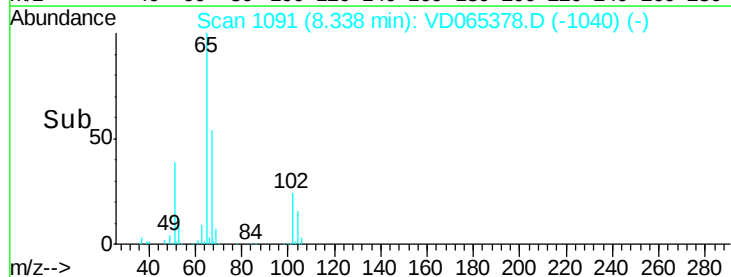
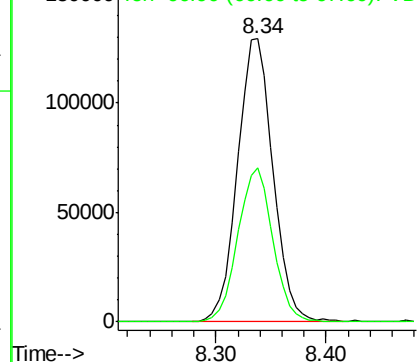


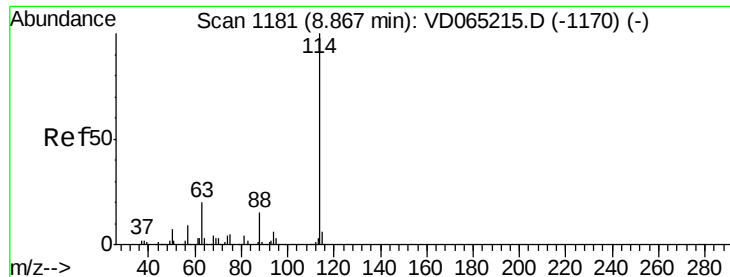
#33
1,2-Dichloroethane-d4
Concen: 56.57 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065378.D
Acq: 02 Mar 2020 14:39

Tgt Ion: 65 Resp: 292151
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.8



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

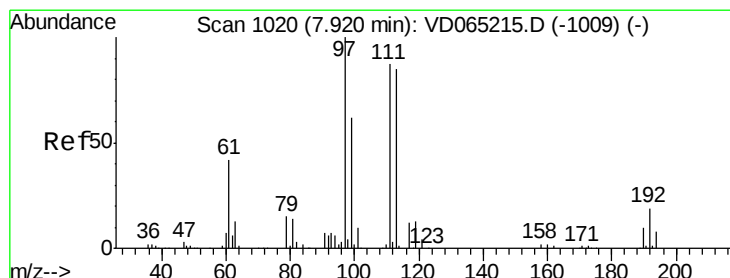
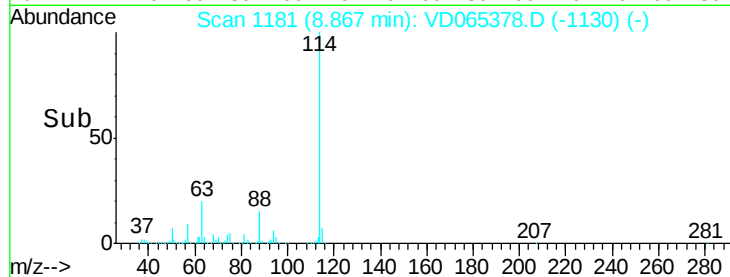
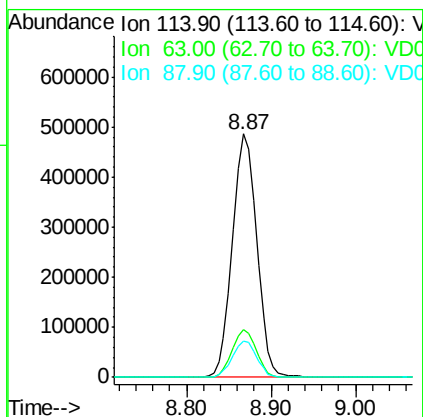
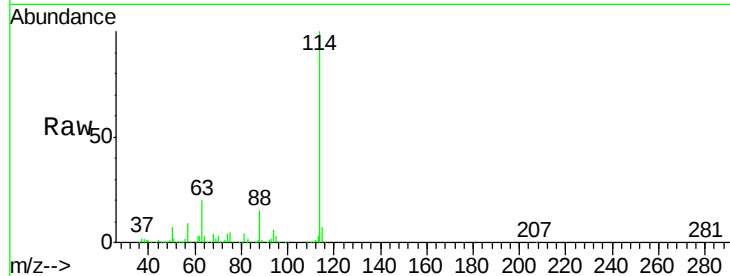




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065378.D
 Acq: 02 Mar 2020 14:39

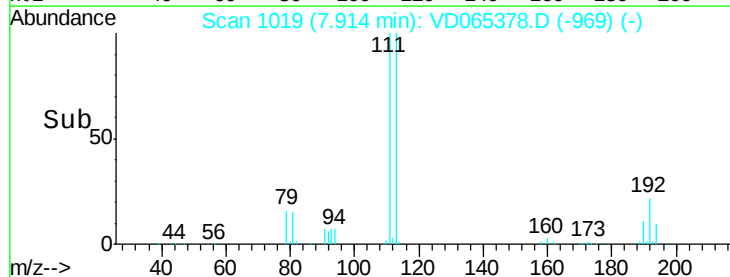
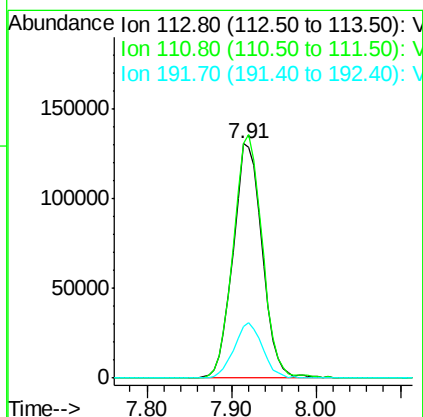
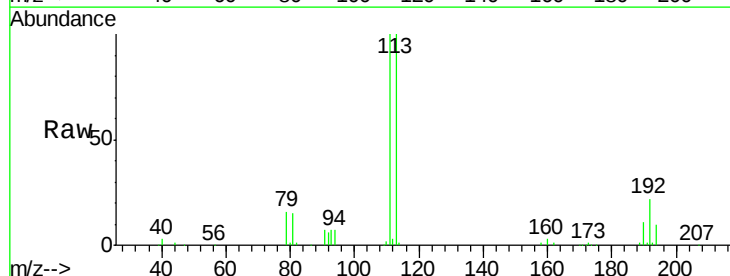
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

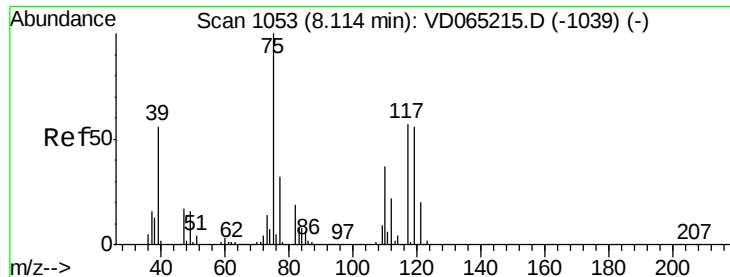
Tgt Ion:114 Resp: 970981
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 15.0 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 52.49 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065378.D
 Acq: 02 Mar 2020 14:39

Tgt Ion:113 Resp: 310793
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.9 124.3
 192 23.0 17.3 25.9

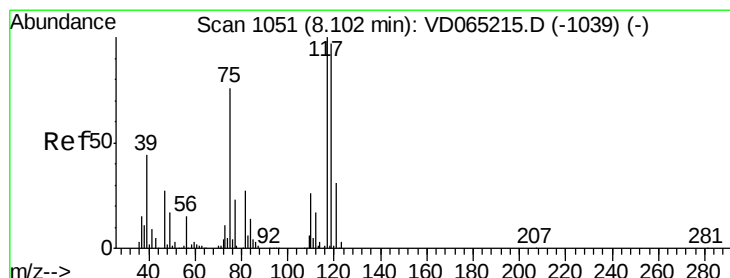
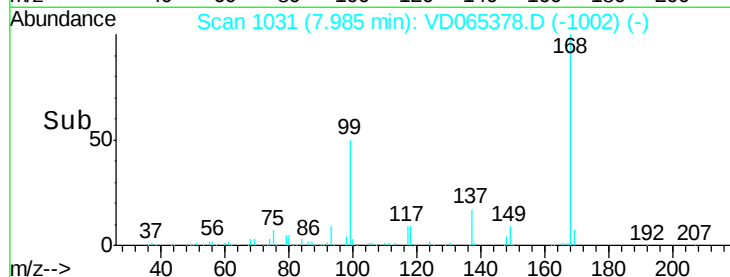
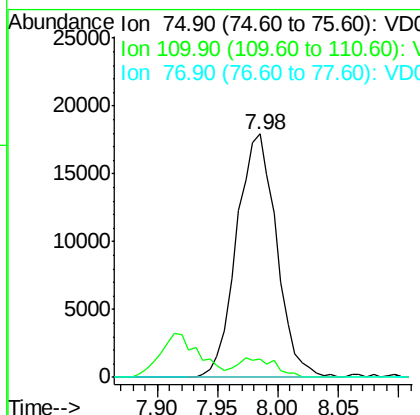
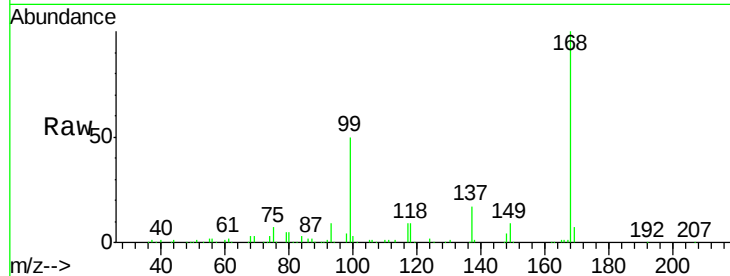




#36
 1,1-Dichloropropene
 Concen: 4.38 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065378.D
 Acq: 02 Mar 2020 14:39

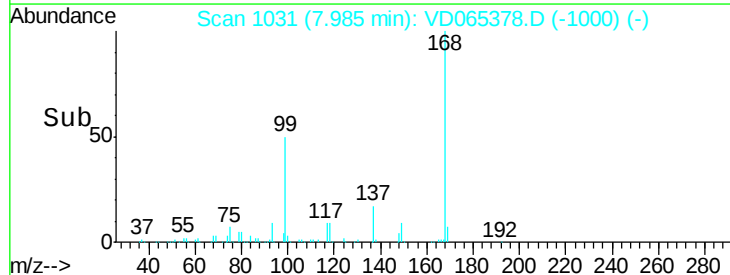
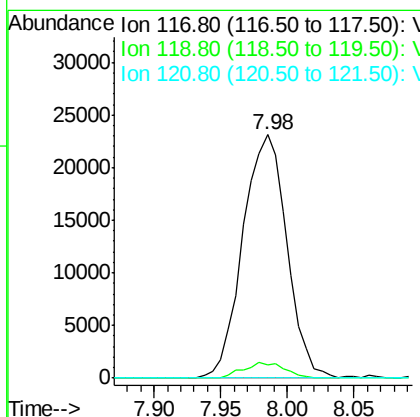
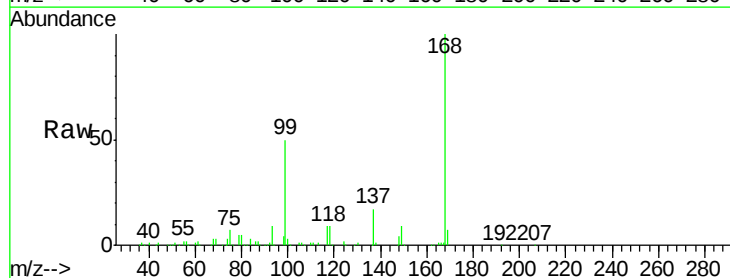
Instrument :
 MSVOA_D
 ClientSampled :
 TP-1

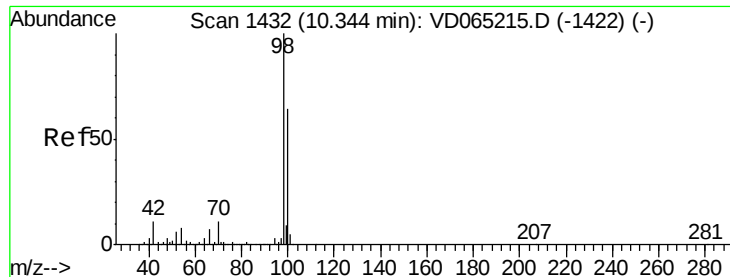
Tgt Ion: 75 Resp: 41398
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.9 53.7#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.49 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VD065378.D
 Acq: 02 Mar 2020 14:39

Tgt Ion: 117 Resp: 52777
 Ion Ratio Lower Upper
 117 100
 119 5.2 77.6 116.4#
 121 0.0 24.8 37.2#

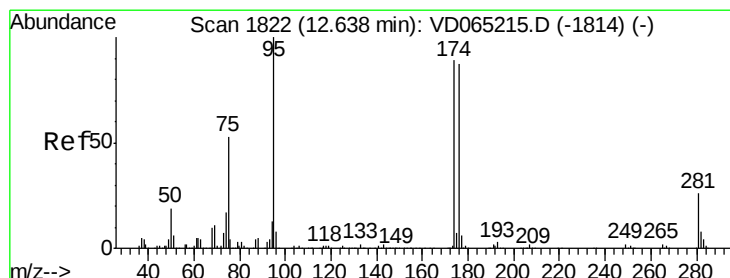
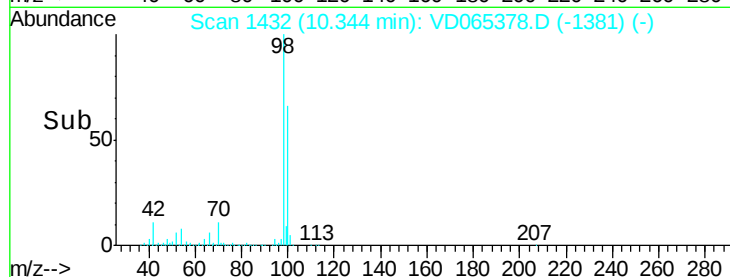
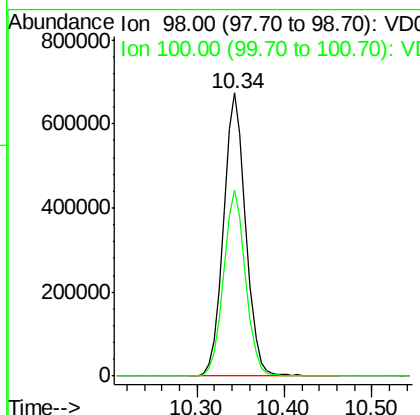
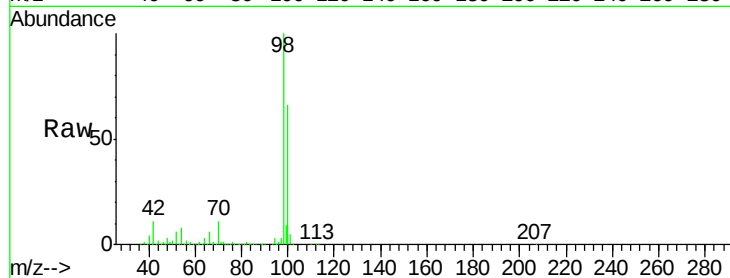




#50
Toluene-d8
Concen: 51.91 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065378.D
Acq: 02 Mar 2020 14:39

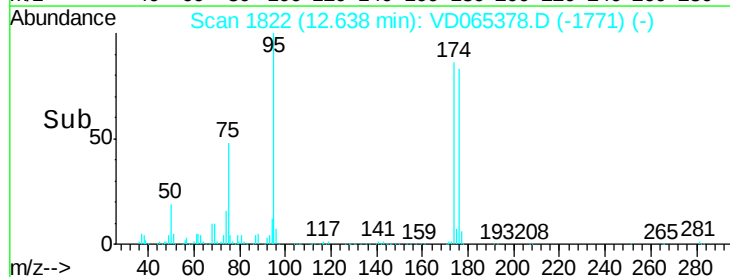
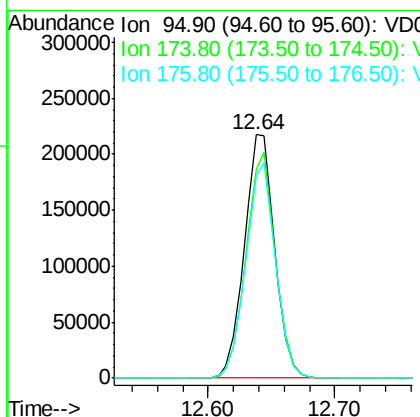
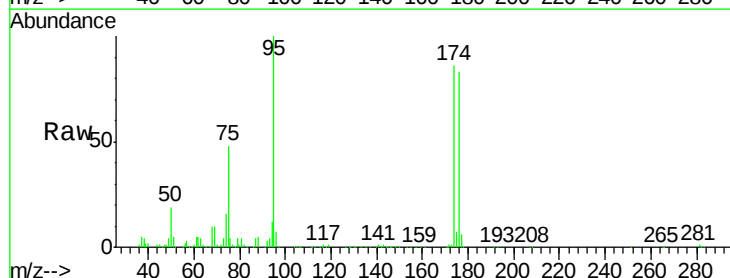
Instrument :
MSVOA_D
ClientSampleId :
TP-1

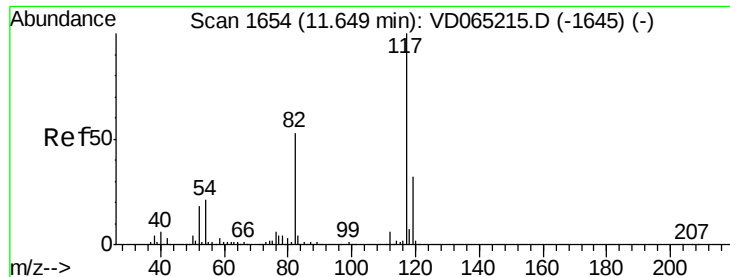
Tgt Ion: 98 Resp: 1174982
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.37 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065378.D
Acq: 02 Mar 2020 14:39

Tgt Ion: 95 Resp: 361138
Ion Ratio Lower Upper
95 100
174 90.2 0.0 178.0
176 87.0 0.0 174.4

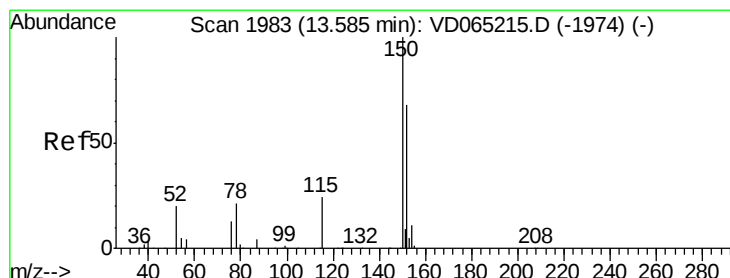
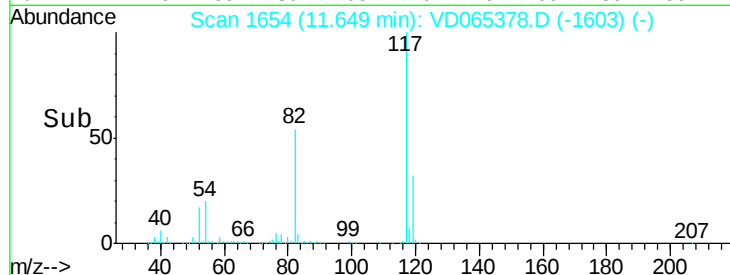
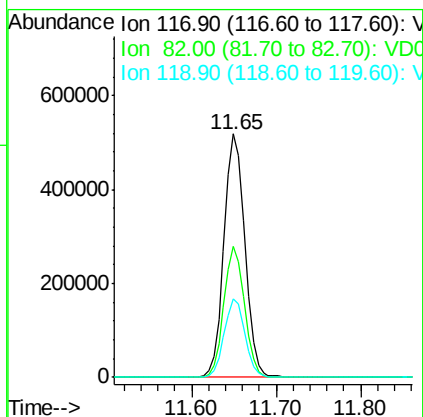
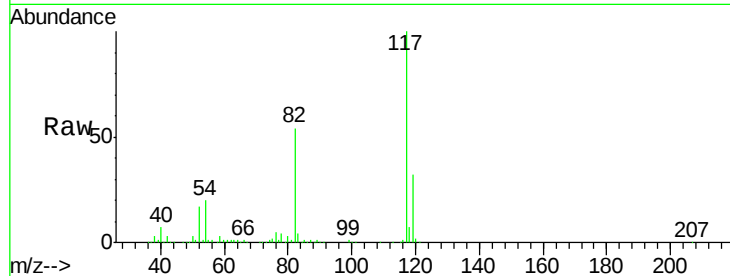




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065378.D
Acq: 02 Mar 2020 14:39

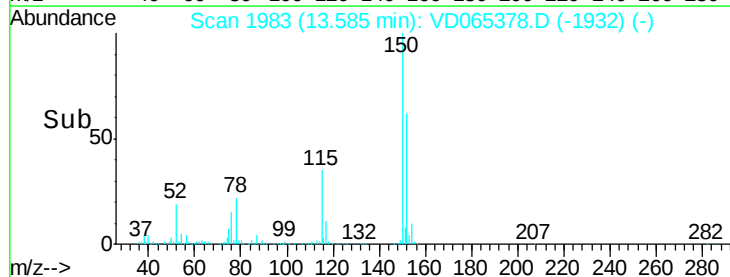
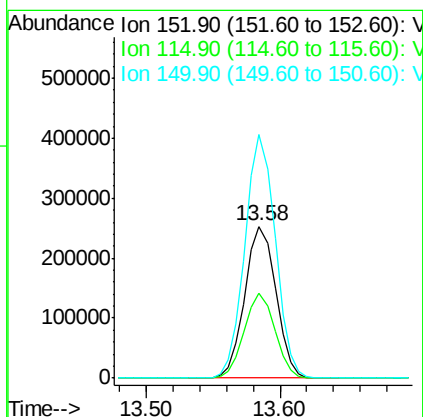
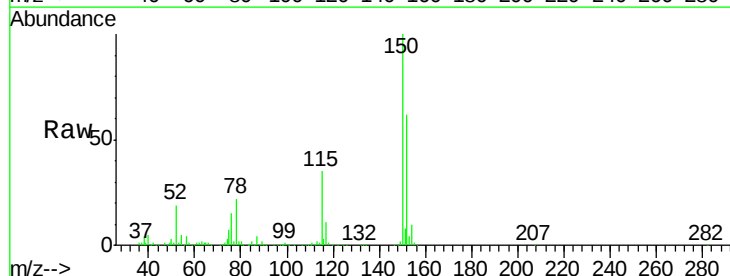
Instrument :
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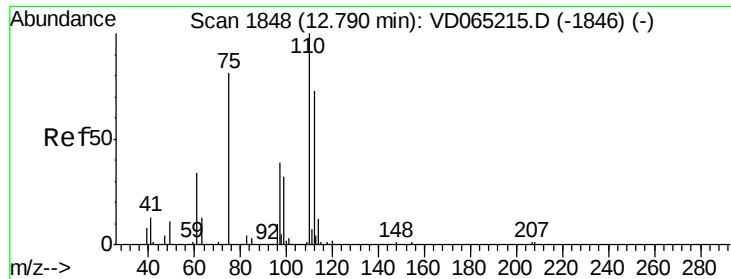
Tgt Ion:117 Resp: 886876
Ion Ratio Lower Upper
117 100
82 53.9 42.7 64.1
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065378.D
Acq: 02 Mar 2020 14:39

Tgt Ion:152 Resp: 407176
Ion Ratio Lower Upper
152 100
115 55.6 27.6 82.8
150 157.1 0.0 347.4

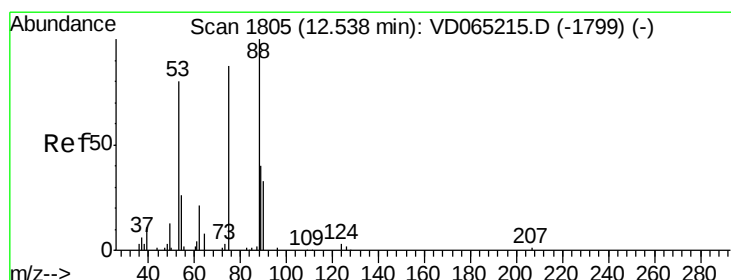
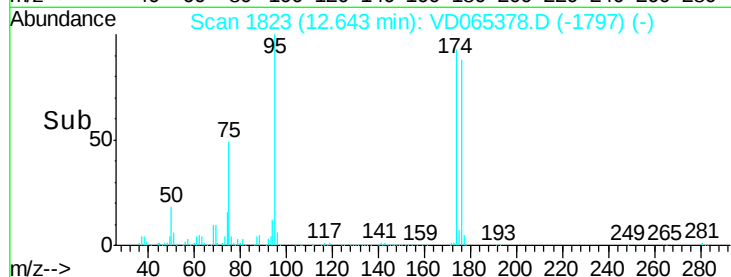
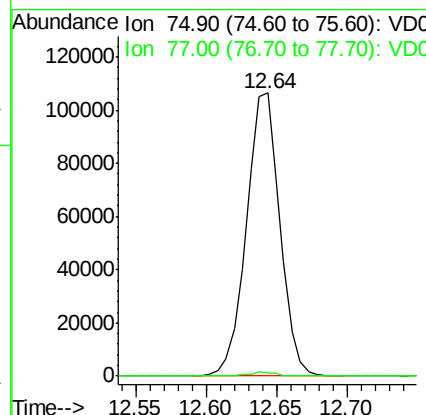
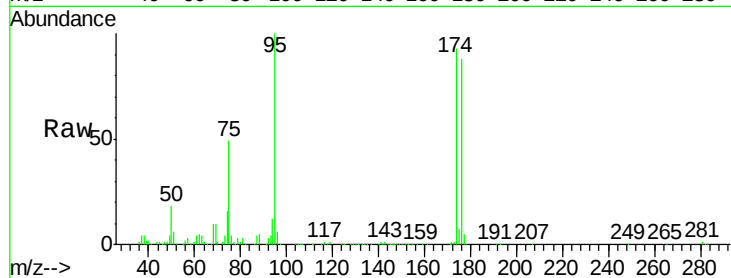




#76
 1,2,3-Trichloropropane
 Concen: 50.92 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. -0.15 min
 Lab File: VD065378.D
 Acq: 02 Mar 2020 14:39

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Tgt Ion: 75 Resp: 176409
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.95 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. 0.11 min
 Lab File: VD065378.D
 Acq: 02 Mar 2020 14:39

Tgt Ion: 75 Resp: 176409
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.2 55.8#

