

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066418.D
 Acq On : 26 Aug 2020 14:09
 Operator : VA/SY
 Sample : L3793-07
 Misc : 7.78G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Aug 27 07:28:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	205425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	299033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	278046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	140716	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	112287	55.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.50%	
35) Dibromofluoromethane	7.91	113	92231	49.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.64%	
50) Toluene-d8	10.34	98	349413	51.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.63	95	120187	49.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.02%	

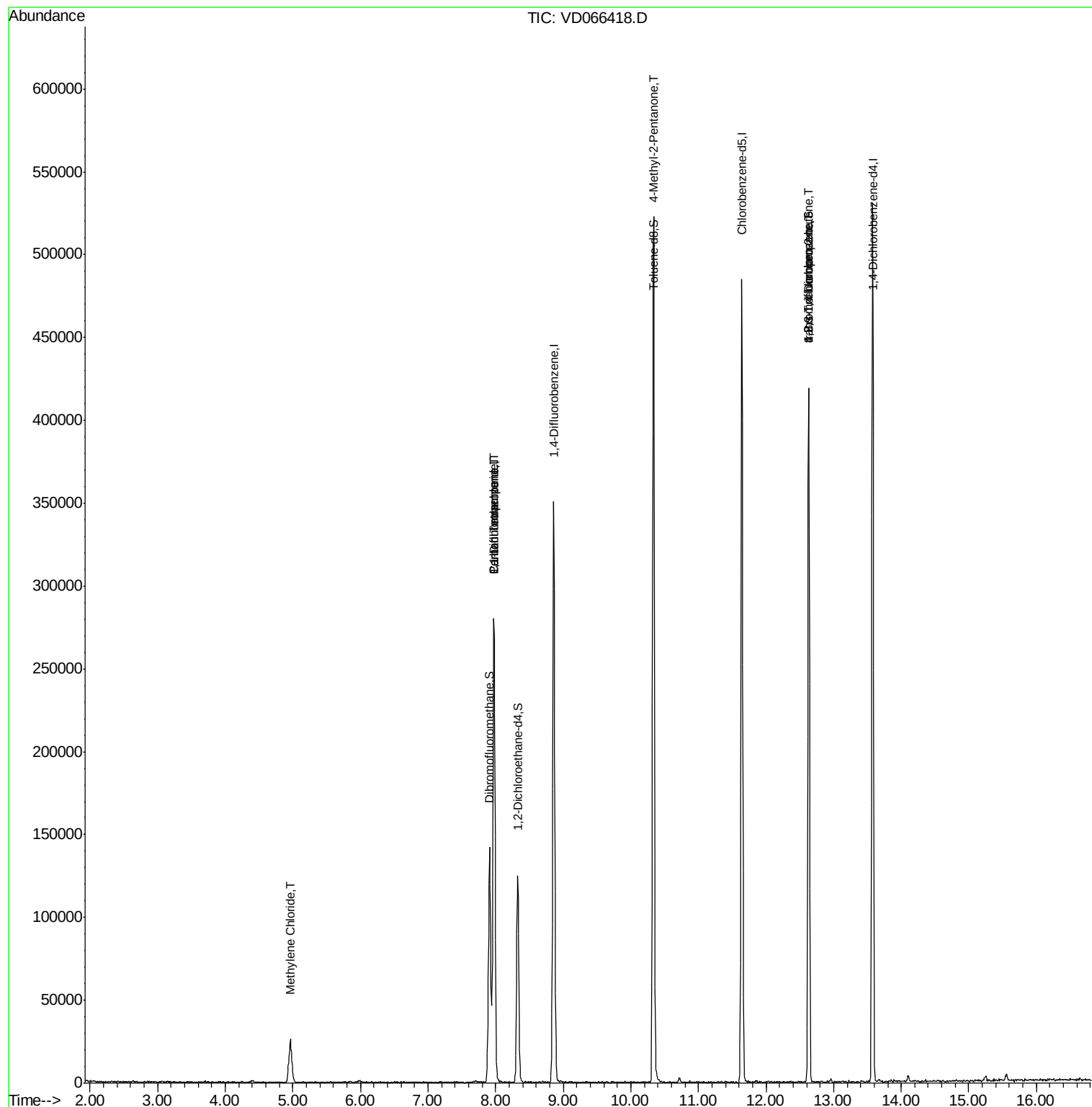
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.96	84	19553	4.288	ug/l #	82
36) 1,1-Dichloropropene	7.97	75	14295	5.239	ug/l #	53
38) Carbon Tetrachloride	7.97	117	21392	6.018	ug/l #	14
51) 4-Methyl-2-Pentanone	10.33	43	1718	1.907	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	71368	72.093	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	71368	153.030	ug/l #	6

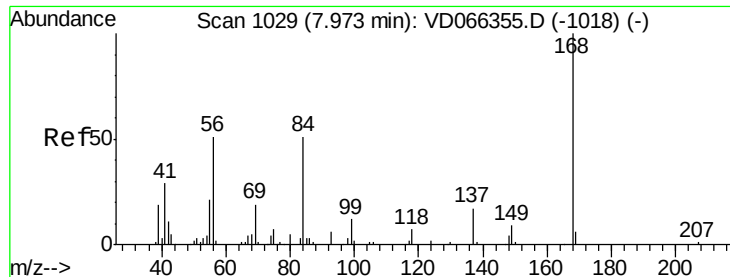
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082620\
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066418.D

Acq: 26 Aug 2020 14:09

Instrument :

MSVOA_D

ClientSampleId :

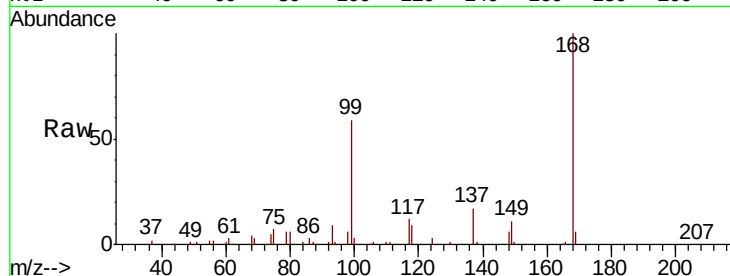
TP-3

Tot Ion:168 Resp: 205425

Ion Ratio Lower Upper

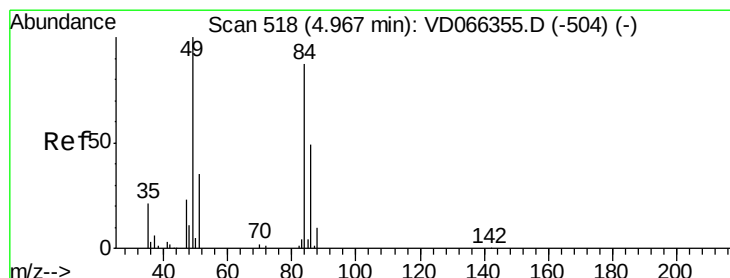
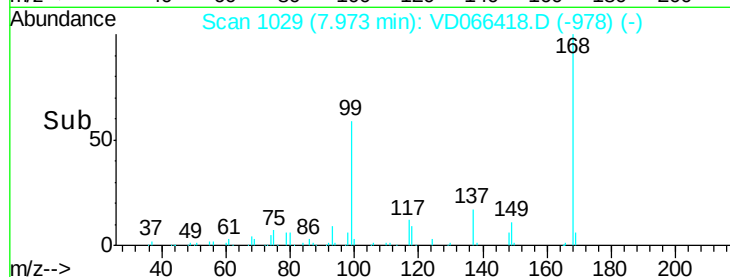
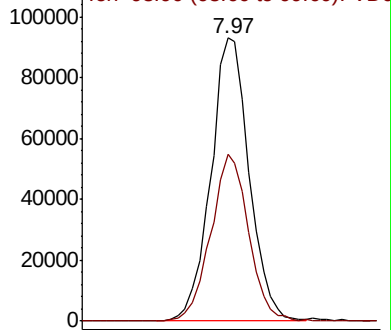
168 100

99 59.1 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 4.288 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066418.D

Acq: 26 Aug 2020 14:09

Tgt Ion: 84 Resp: 19553

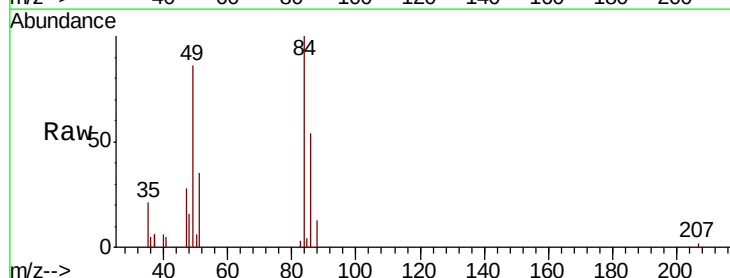
Ion Ratio Lower Upper

84 100

49 85.6 92.5 138.7#

51 35.1 32.5 48.7

86 53.9 45.0 67.6

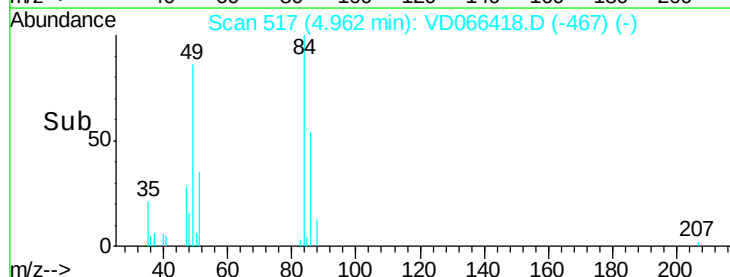
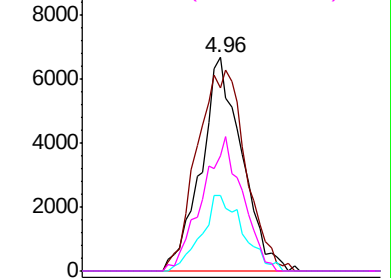


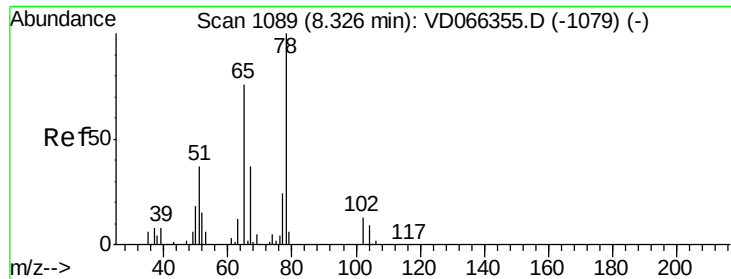
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

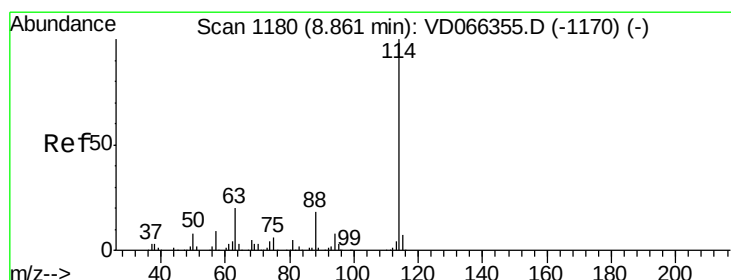
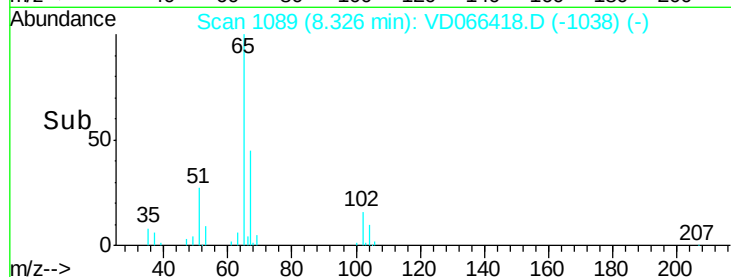
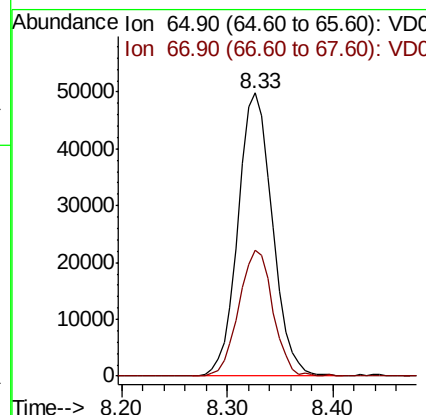
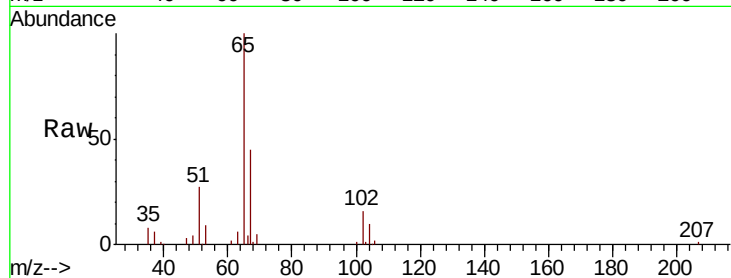




#33
 1,2-Dichloroethane-d4
 Concen: 55.754 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066418.D
 Acq: 26 Aug 2020 14:09

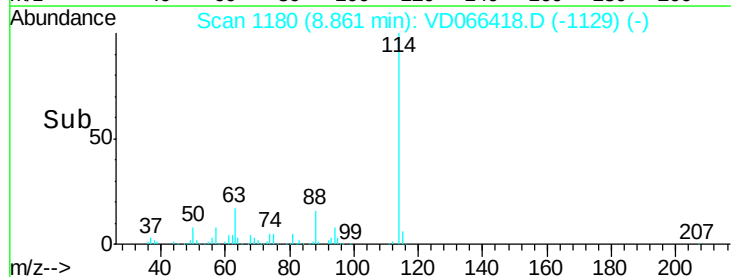
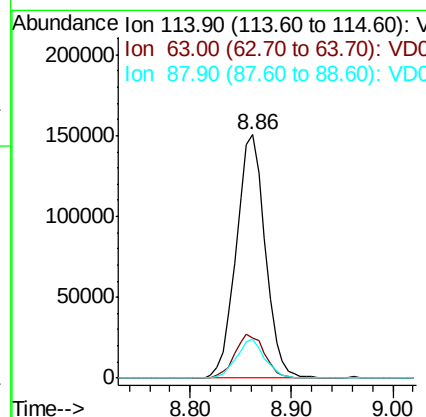
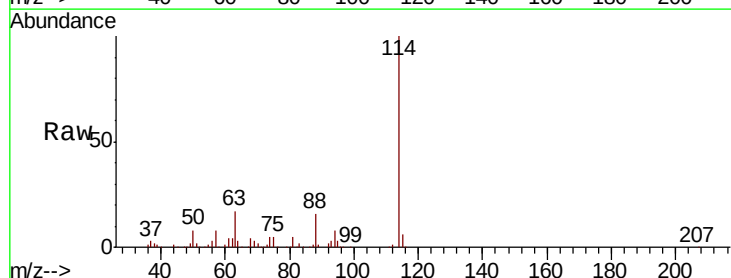
Instrument :
 MSVOA_D
 ClientSampled :
 TP-3

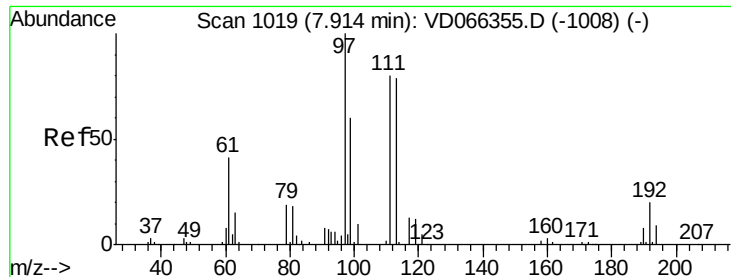
Tot Ion: 65 Resp: 112287
 Ion Ratio Lower Upper
 65 100
 67 43.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066418.D
 Acq: 26 Aug 2020 14:09

Tgt Ion: 114 Resp: 299033
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 40.8
 88 15.7 0.0 35.4

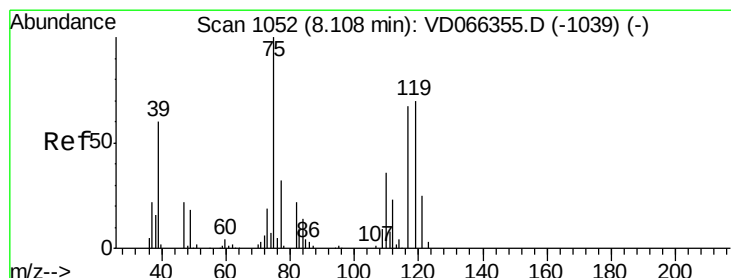
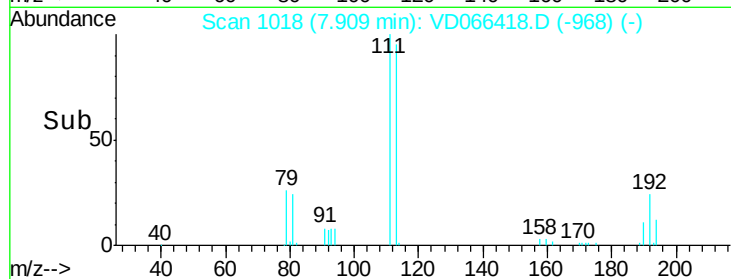
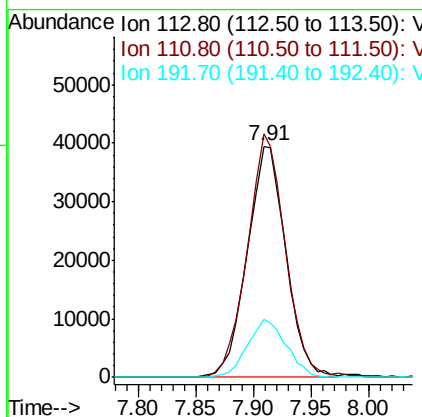
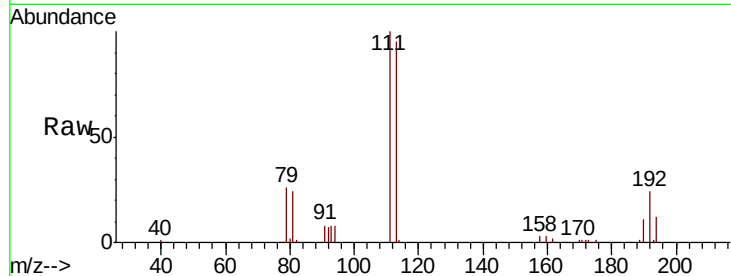




#35
 Dibromofluoromethane
 Concen: 49.324 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066418.D
 Acq: 26 Aug 2020 14:09

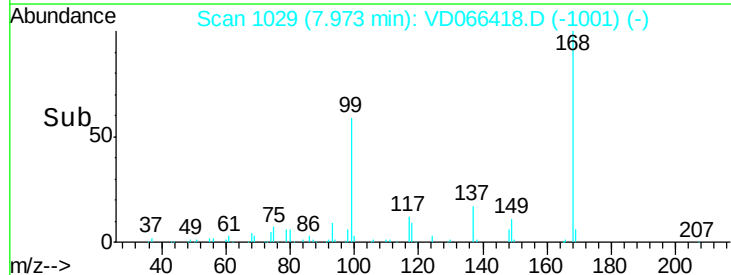
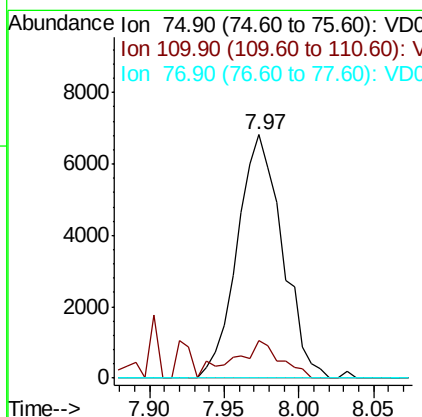
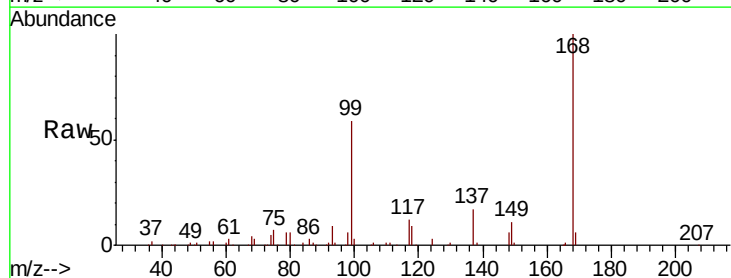
Instrument :
 MSVOA_D
 ClientSampled :
 TP-3

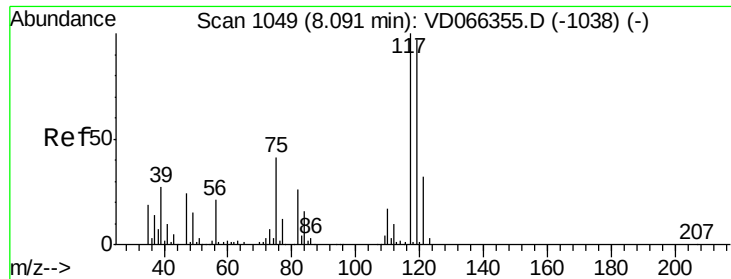
Tot Ion:113 Resp: 92231
 Ion Ratio Lower Upper
 113 100
 111 102.8 80.3 120.5
 192 25.1 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 5.239 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066418.D
 Acq: 26 Aug 2020 14:09

Tgt Ion: 75 Resp: 14295
 Ion Ratio Lower Upper
 75 100
 110 13.9 18.7 56.1#
 77 0.0 25.2 37.8#

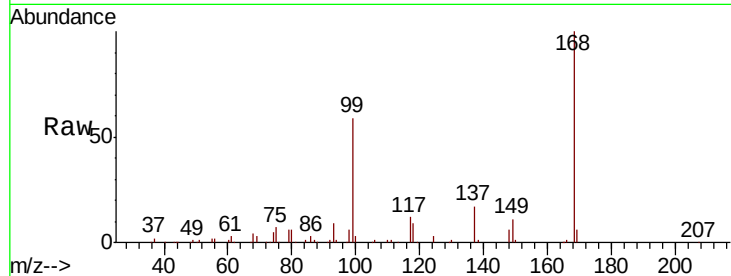




#38
Carbon Tetrachloride
Concen: 6.018 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066418.D
Acq: 26 Aug 2020 14:09

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
117	100		
119	3.2	77.2	115.8#
121	0.0	25.8	38.8#

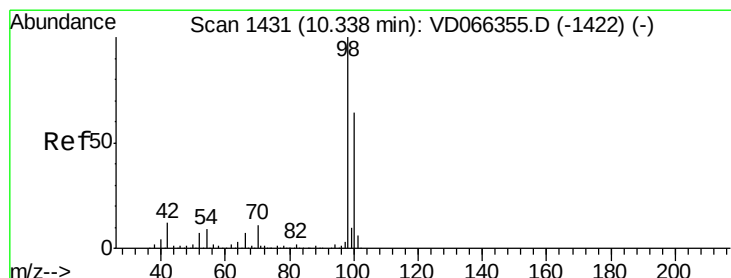
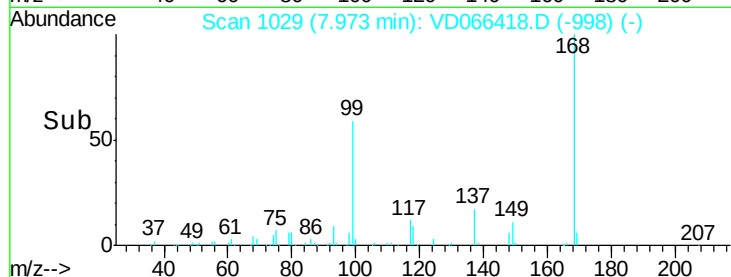
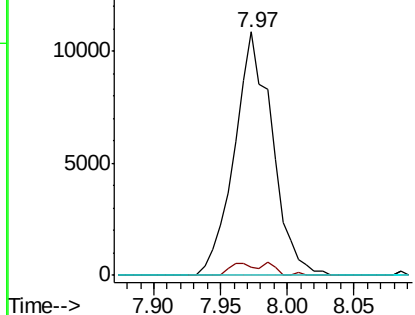


Abundance

Ion 116.80 (116.50 to 117.50): V

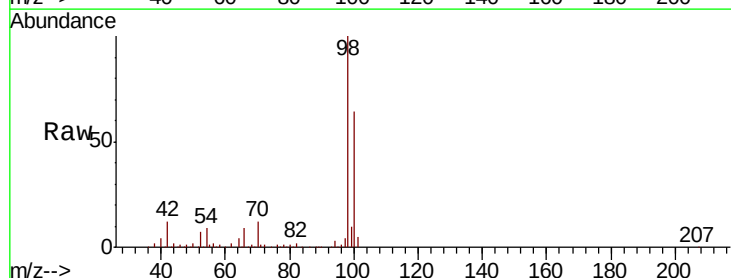
Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50
Toluene-d8
Concen: 51.072 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066418.D
Acq: 26 Aug 2020 14:09

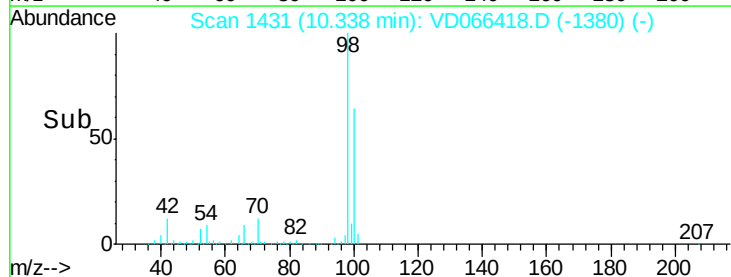
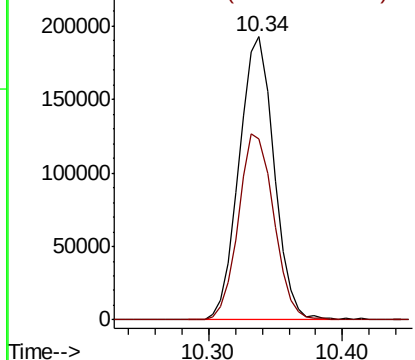
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

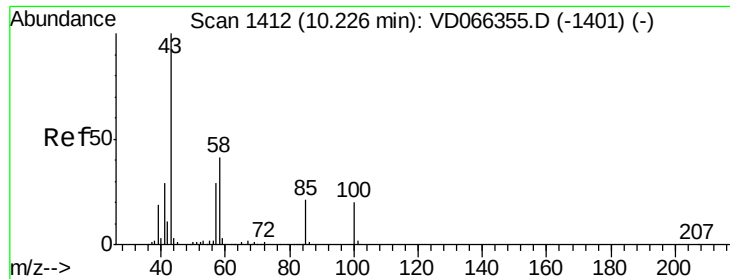


Abundance

Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

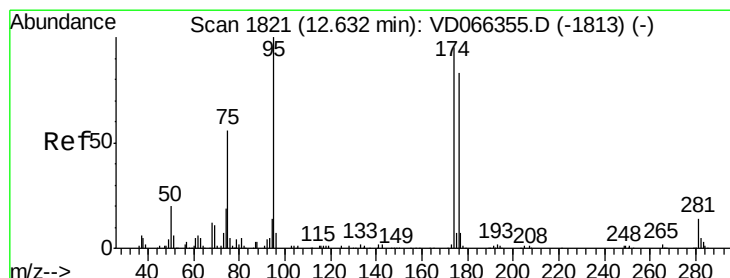
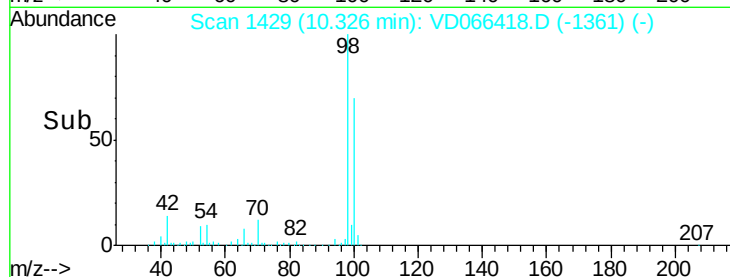
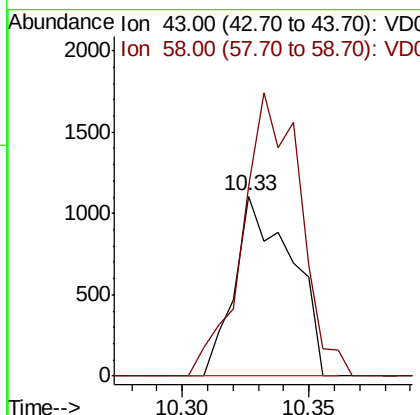
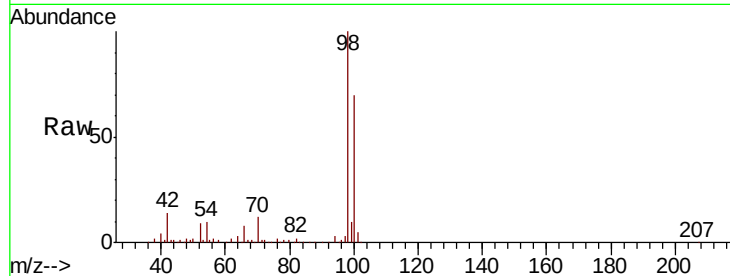




#51
 4-Methyl-2-Pentanone
 Concen: 1.907 ug/l
 RT: 10.33 min Scan# 1429
 Delta R.T. 0.10 min
 Lab File: VD066418.D
 Acq: 26 Aug 2020 14:09

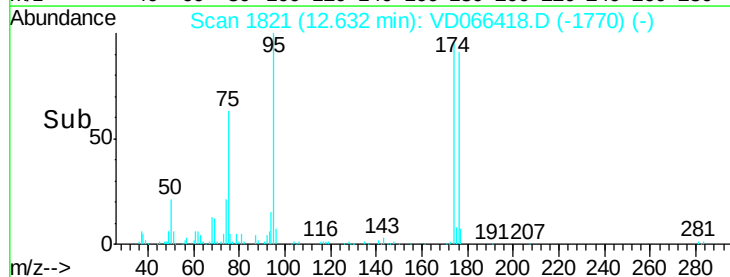
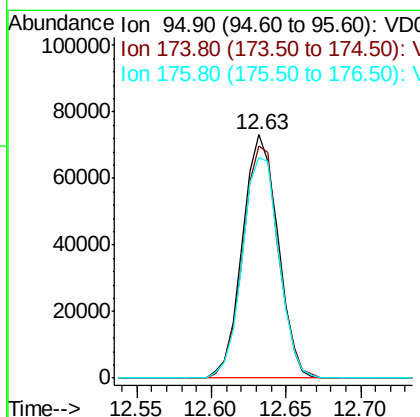
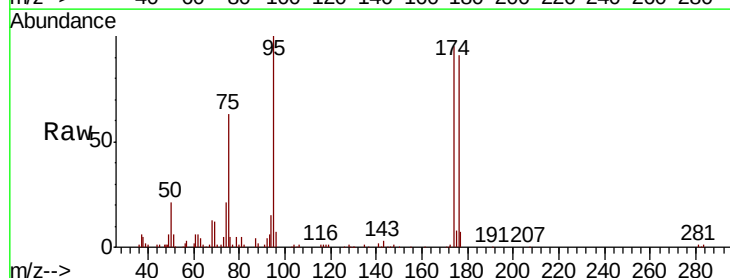
Instrument :
 MSVOA_D
 ClientSampleID :
 TP-3

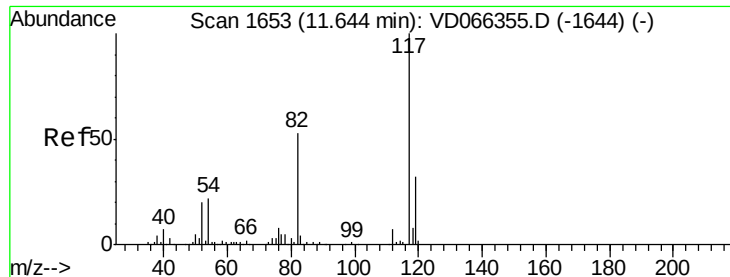
Tot Ion: 43 Resp: 1718
 Ion Ratio Lower Upper
 43 100
 58 159.8 31.4 47.2#



#62
 4-Bromofluorobenzene
 Concen: 49.506 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066418.D
 Acq: 26 Aug 2020 14:09

Tgt Ion: 95 Resp: 120187
 Ion Ratio Lower Upper
 95 100
 174 96.3 0.0 183.4
 176 93.2 0.0 173.8

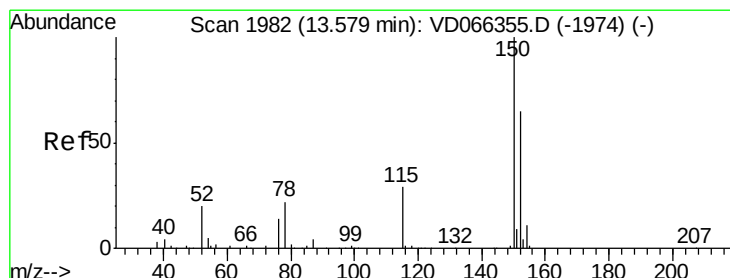
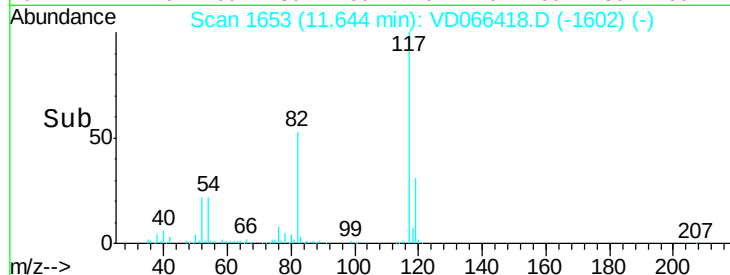
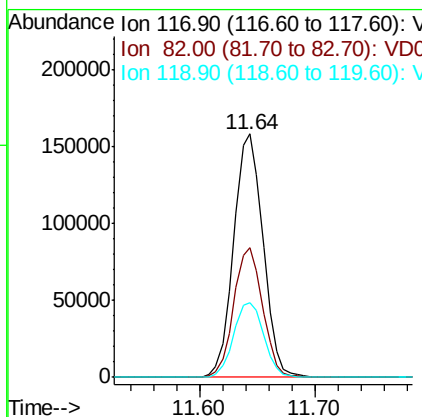
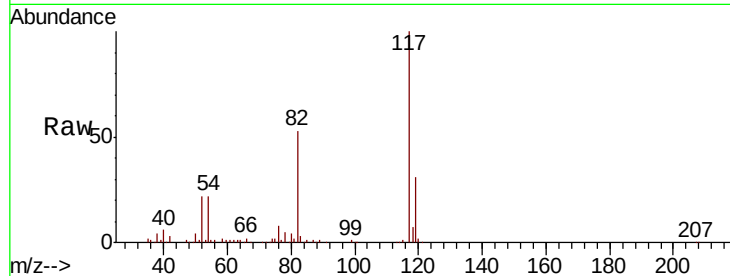




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066418.D
Acq: 26 Aug 2020 14:09

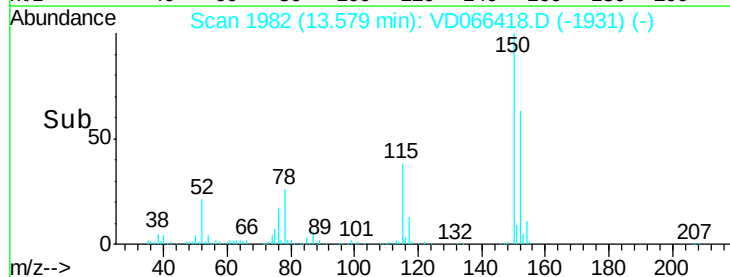
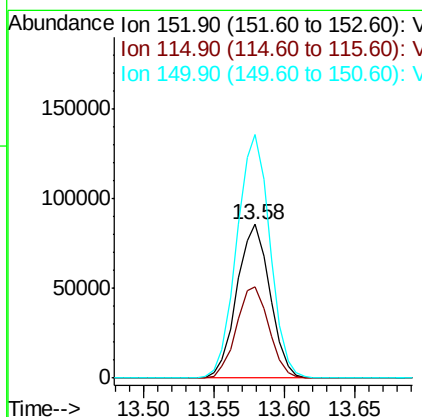
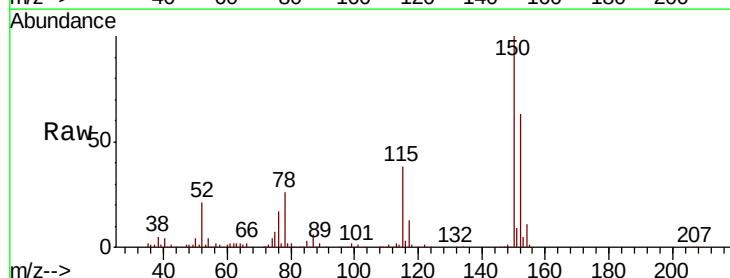
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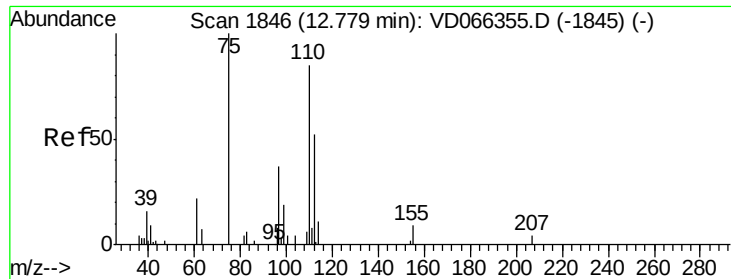
Tot Ion:117 Resp: 278046
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 30.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066418.D
Acq: 26 Aug 2020 14:09

Tgt Ion:152 Resp: 140716
Ion Ratio Lower Upper
152 100
115 58.5 28.3 85.0
150 157.9 0.0 343.2

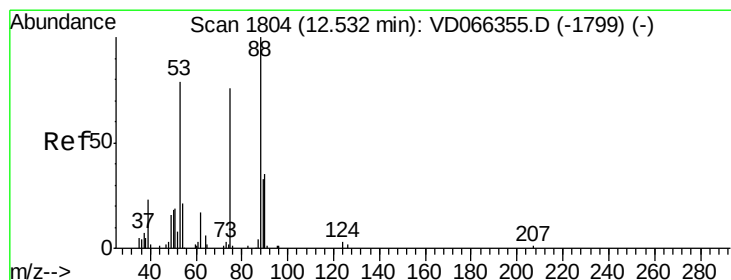
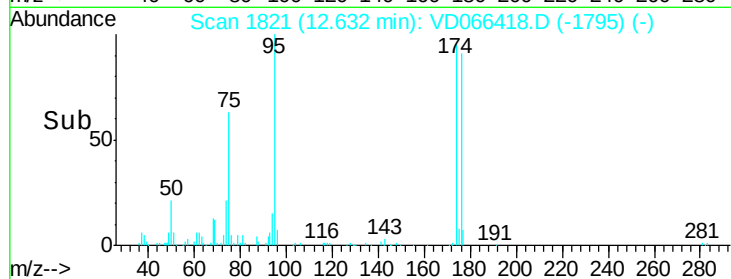
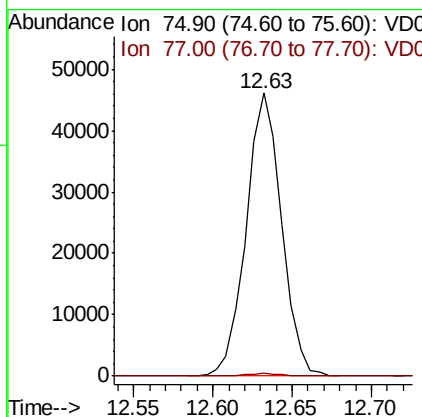
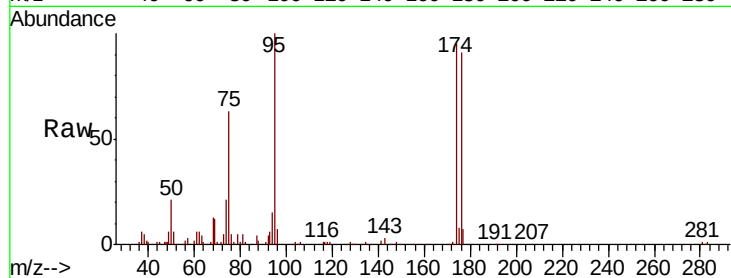




#76
 1,2,3-Trichloropropane
 Concen: 72.093 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066418.D
 Acq: 26 Aug 2020 14:09

Instrument :
 MSVOA_D
 ClientSampled :
 TP-3

Tot Ion: 75 Resp: 71368
 Ion Ratio Lower Upper
 75 100
 77 0.9 182.9 548.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 153.030 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066418.D
 Acq: 26 Aug 2020 14:09

Tgt Ion: 75 Resp: 71368
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.4 131.2#
 89 0.0 39.4 59.0#

