

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066529.D
 Acq On : 02 Sep 2020 18:10
 Operator : VA/SY
 Sample : L3887-01
 Misc : 4.15G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETE-PILE

Quant Time: Sep 03 03:43:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 15:08:44 2020
 Response via : Initial Calibration

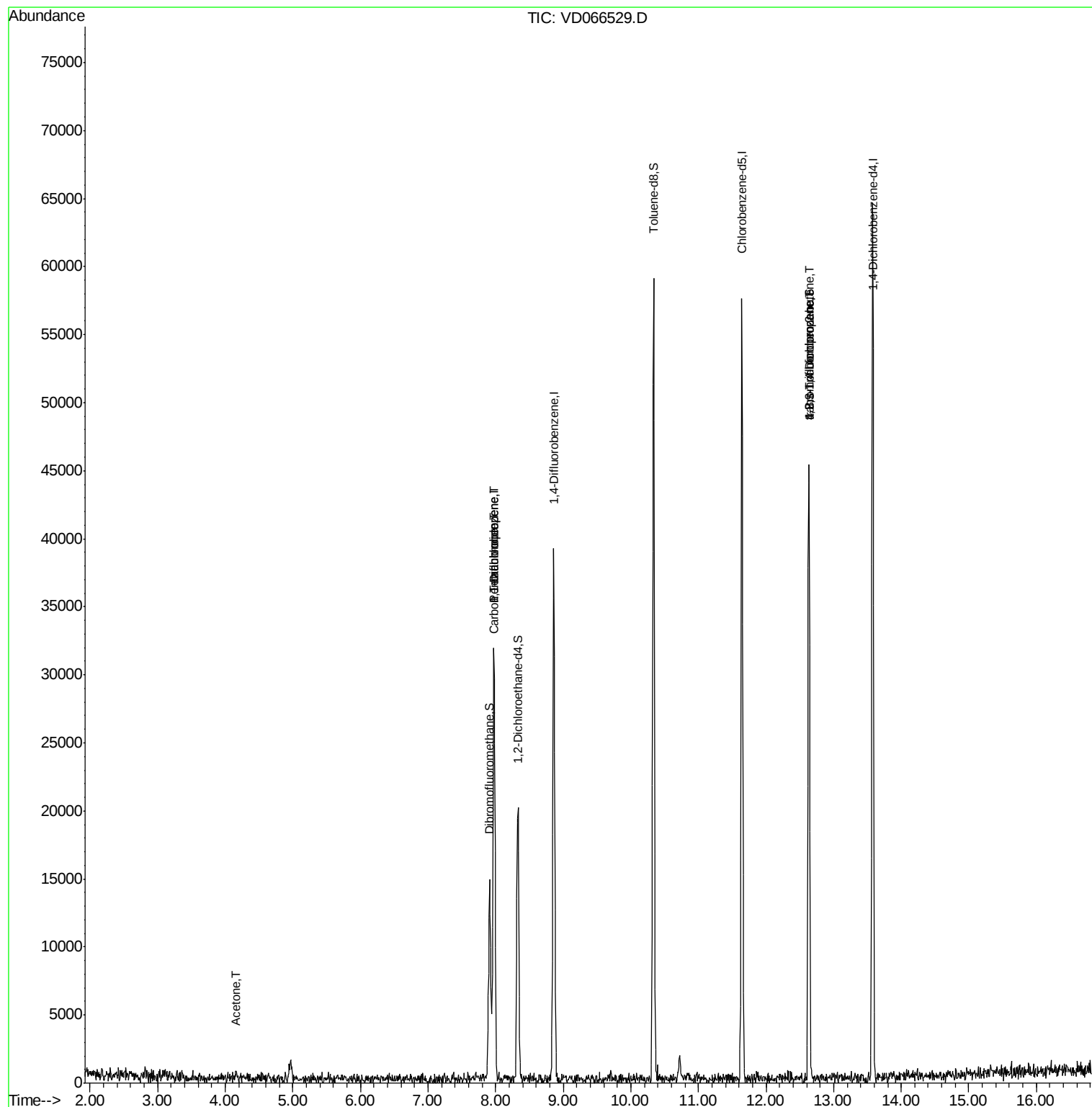
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	22929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	32842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	31594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	18608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	18676	75.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	151.48%	
35) Dibromofluoromethane	7.91	113	10132	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
50) Toluene-d8	10.34	98	38977	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.64	95	13575	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	463	12.696	ug/l #	53
20) Methylene Chloride	4.97	84	664	Below Cal	#	64
31) Cyclohexane	7.99	56	495	Below Cal	#	4
36) 1,1-Dichloropropene	7.97	75	1257	4.366	ug/l #	41
38) Carbon Tetrachloride	7.99	117	2553	5.821	ug/l #	13
76) 1,2,3-Trichloropropane	12.63	75	7619	65.088	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	7619	144.946	ug/l #	1

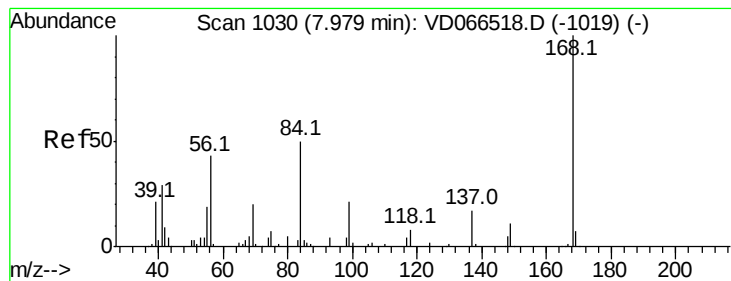
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090220\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066529.D

Acq: 02 Sep 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

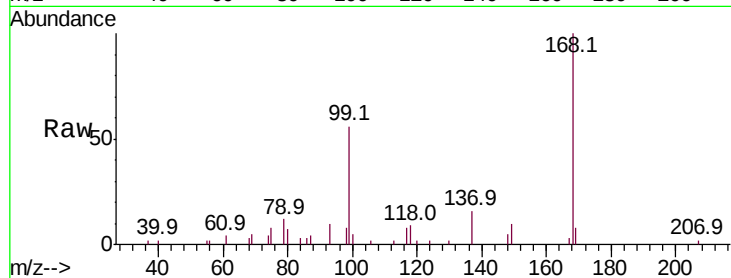
CONCRETE-PILE

Tot Ion:168 Resp: 22929

Ion Ratio Lower Upper

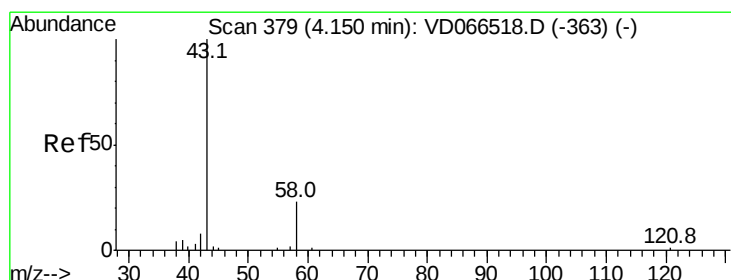
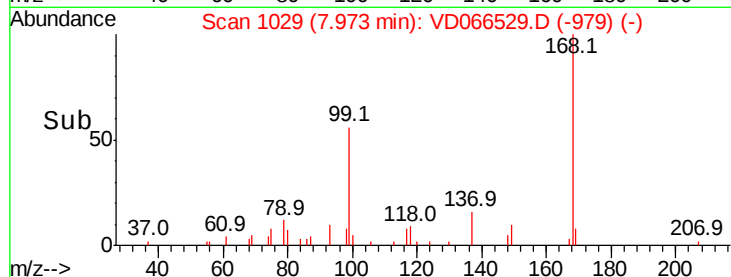
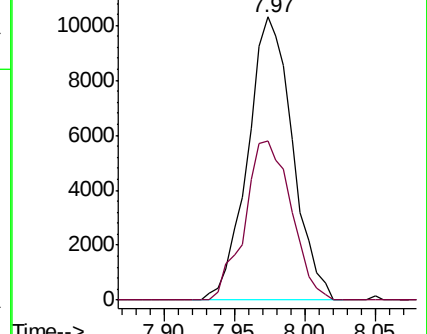
168 100

99 56.3 45.1 67.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 12.696 ug/l

RT: 4.15 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD066529.D

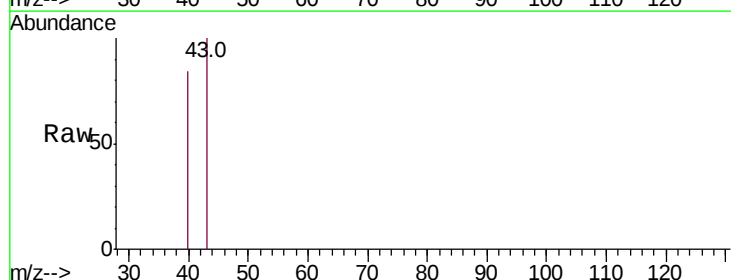
Acq: 02 Sep 2020 18:10

Tgt Ion: 43 Resp: 463

Ion Ratio Lower Upper

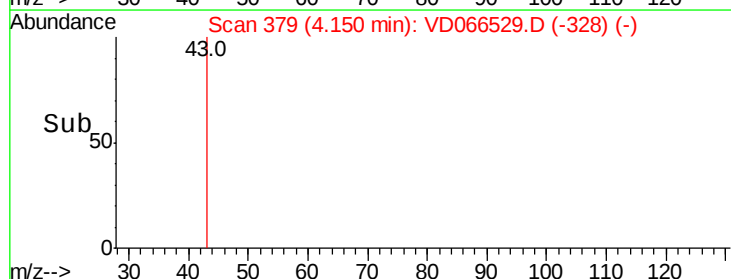
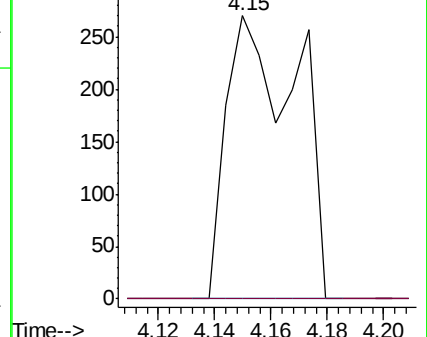
43 100

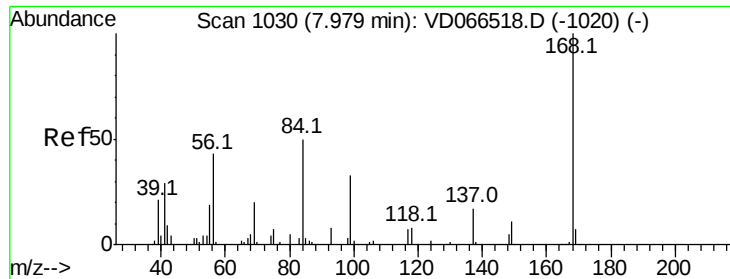
58 0.0 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

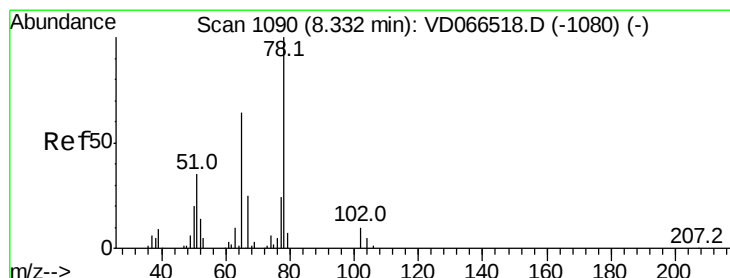
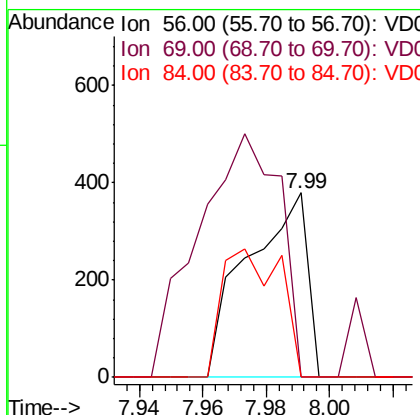
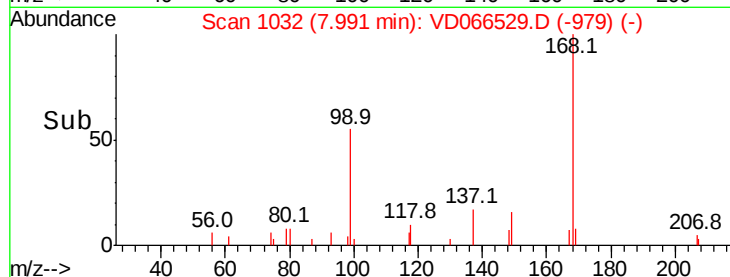
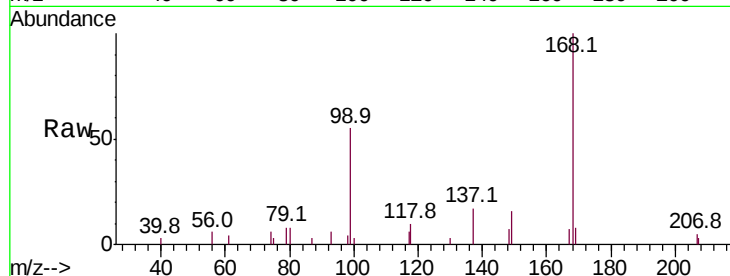




#31
Cyclohexane
Concen: Below Cal
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD066529.D
Acq: 02 Sep 2020 18:10

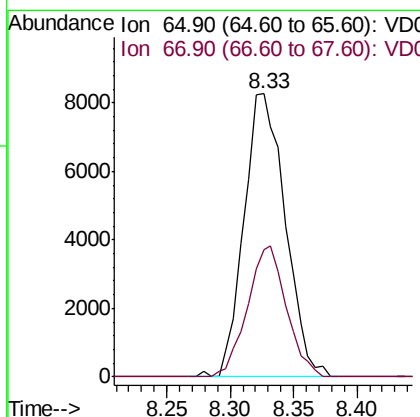
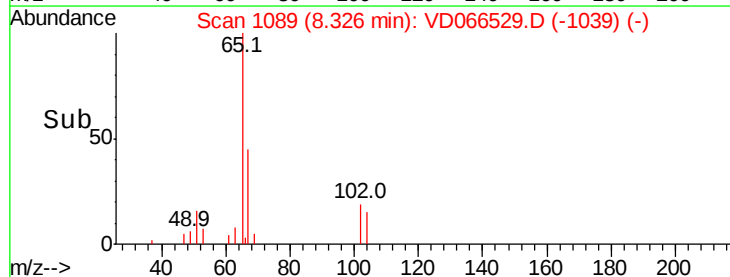
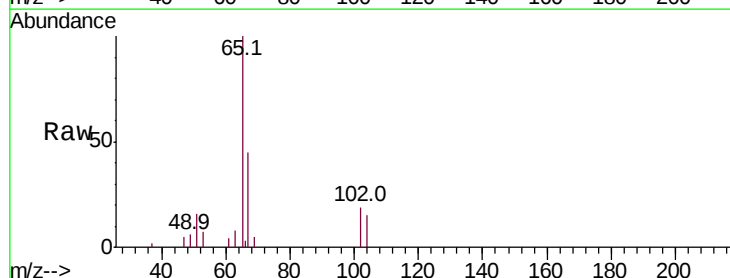
Instrument :
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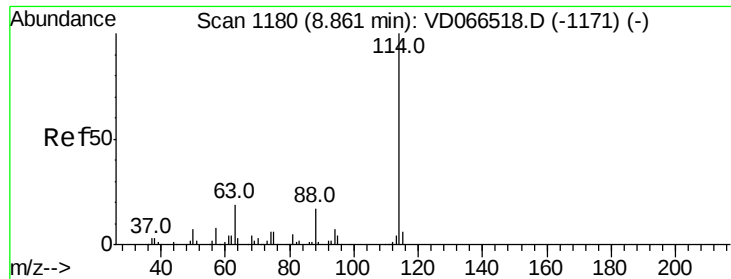
Tot Ion: 56 Resp: 495
Ion Ratio Lower Upper
56 100
69 0.0 36.8 55.2#
84 0.0 93.4 140.0#



#33
1,2-Dichloroethane-d4
Concen: 75.737 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066529.D
Acq: 02 Sep 2020 18:10

Tgt Ion: 65 Resp: 18676
Ion Ratio Lower Upper
65 100
67 43.7 0.0 88.2

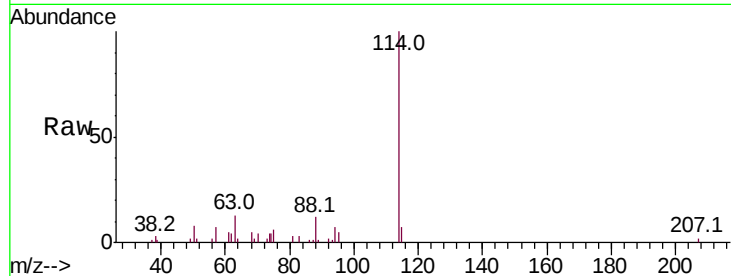




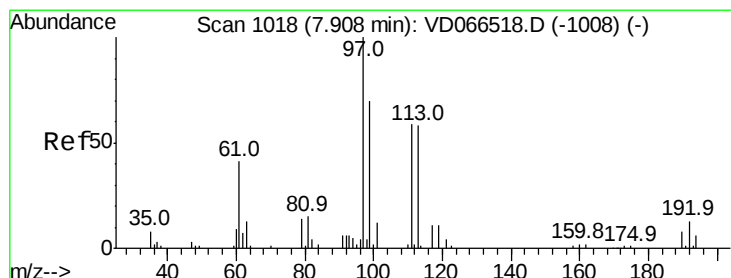
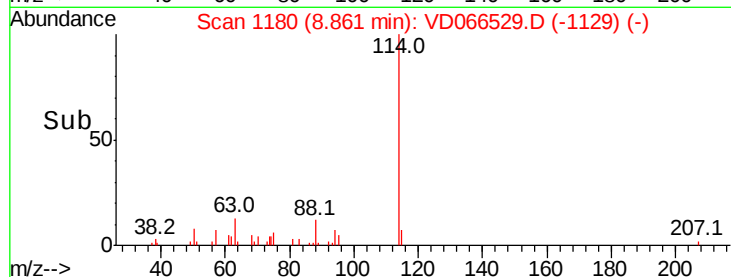
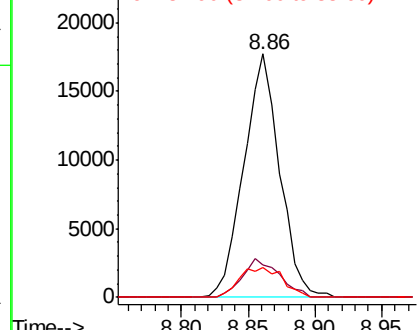
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066529.D
 Acq: 02 Sep 2020 18:10

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETE-PILE

Tot Ion:114 Resp: 32842
 Ion Ratio Lower Upper
 114 100
 63 13.1 0.0 38.6
 88 12.3 0.0 33.6

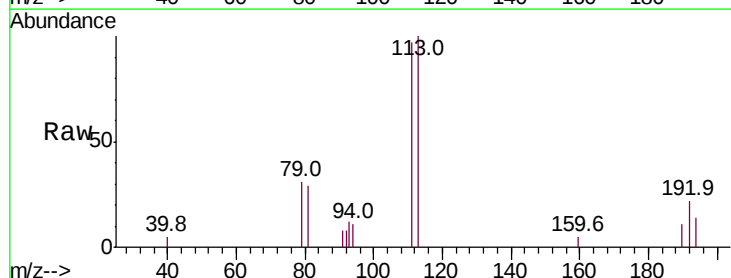


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

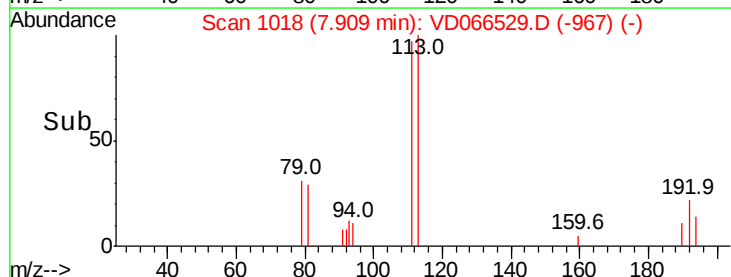
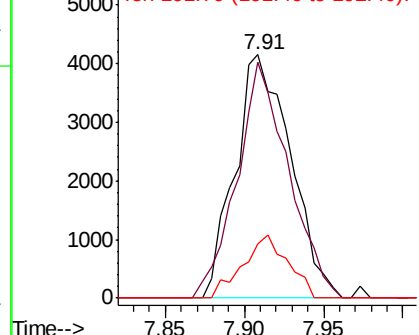


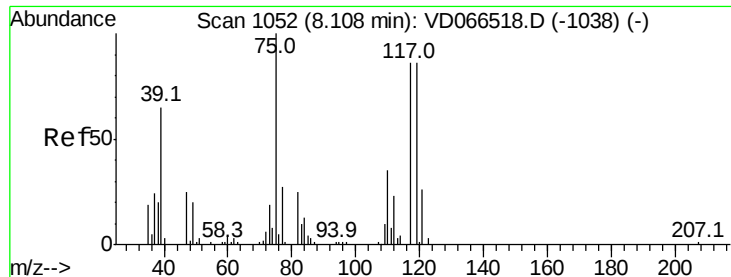
#35
 Dibromofluoromethane
 Concen: 51.294 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066529.D
 Acq: 02 Sep 2020 18:10

Tgt Ion:113 Resp: 10132
 Ion Ratio Lower Upper
 113 100
 111 89.8 82.5 123.7
 192 20.8 20.7 31.1



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: 4.366 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066529.D

Acq: 02 Sep 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

CONCRETE-PILE

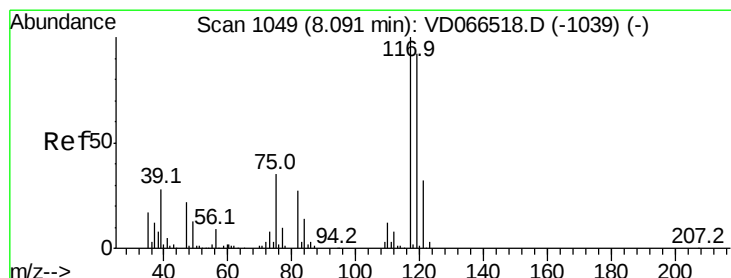
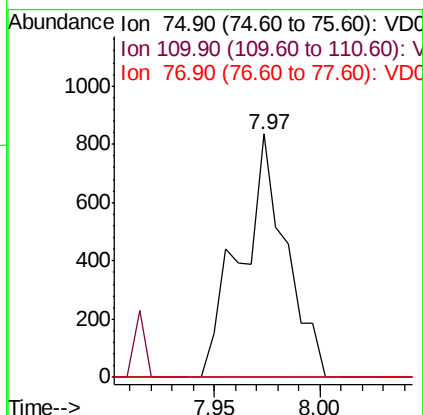
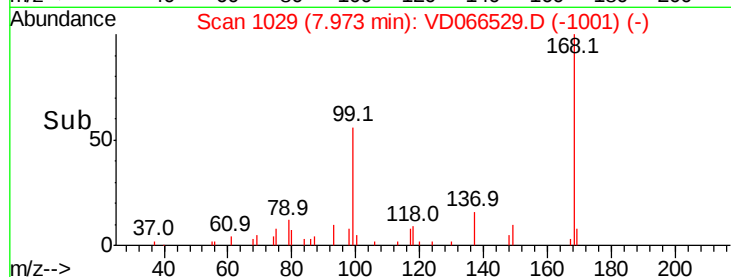
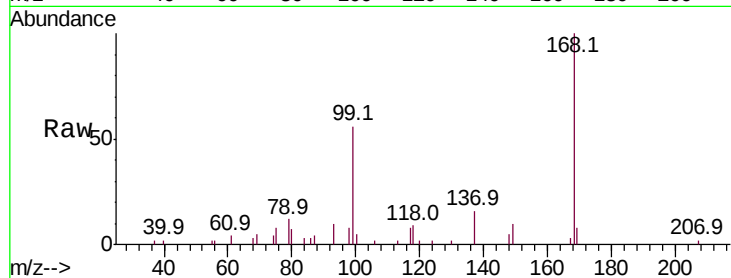
Tot Ion: 75 Resp: 1257

Ion Ratio Lower Upper

75 100

110 0.0 18.4 55.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.821 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD066529.D

Acq: 02 Sep 2020 18:10

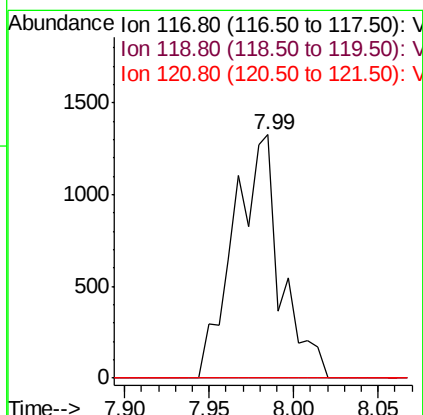
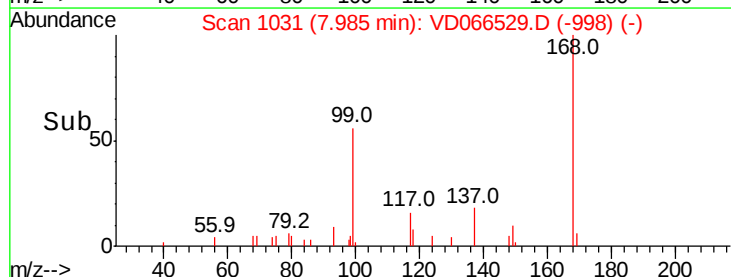
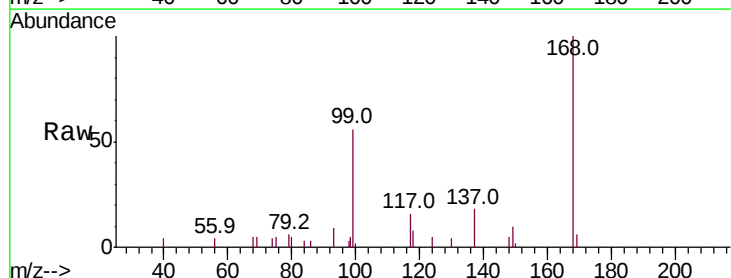
Tgt Ion: 117 Resp: 2553

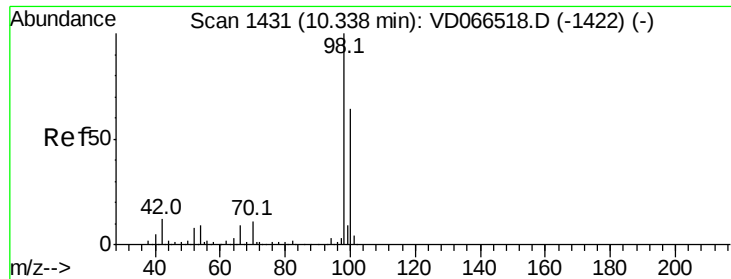
Ion Ratio Lower Upper

117 100

119 0.0 73.9 110.9#

121 0.0 25.6 38.4#

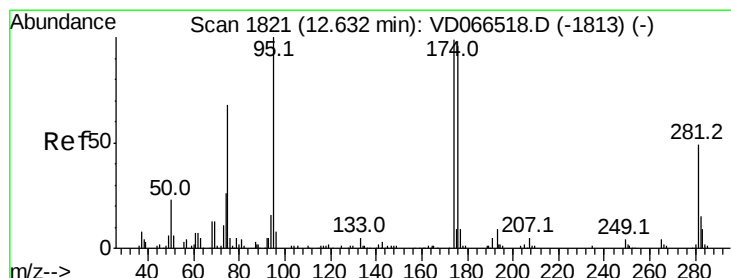
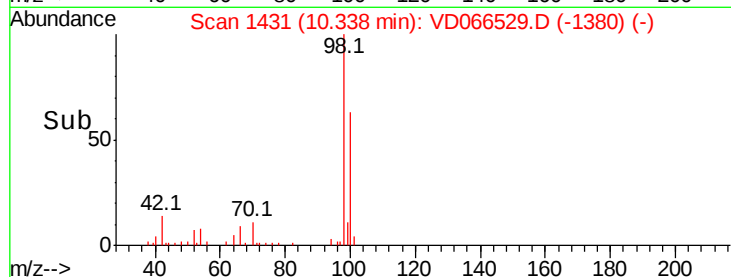
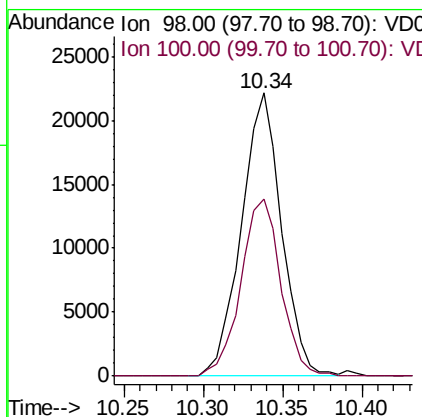
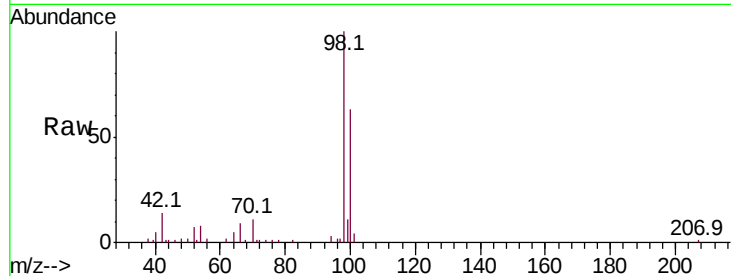




#50
Toluene-d8
Concen: 52.550 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066529.D
Acq: 02 Sep 2020 18:10

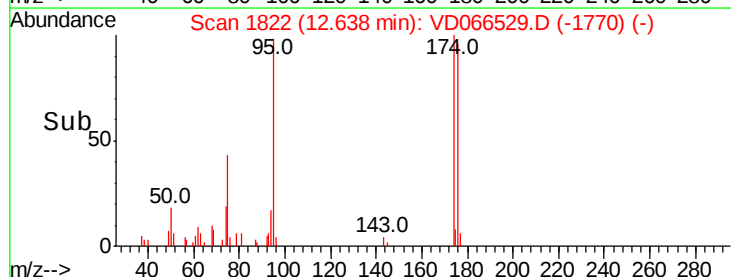
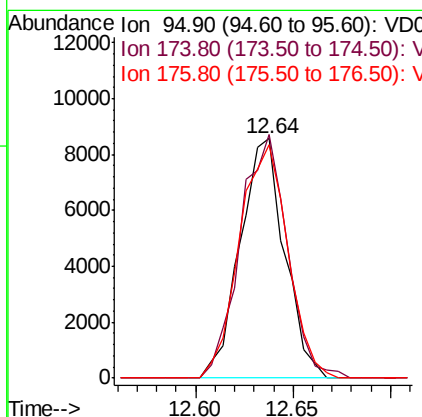
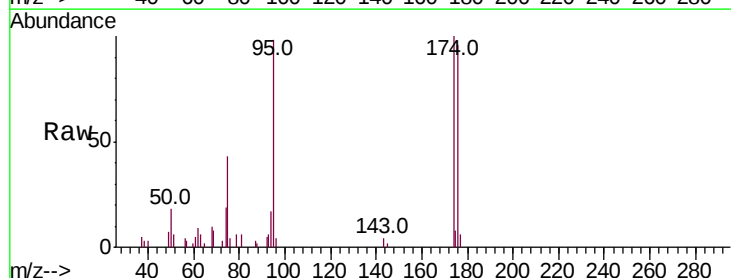
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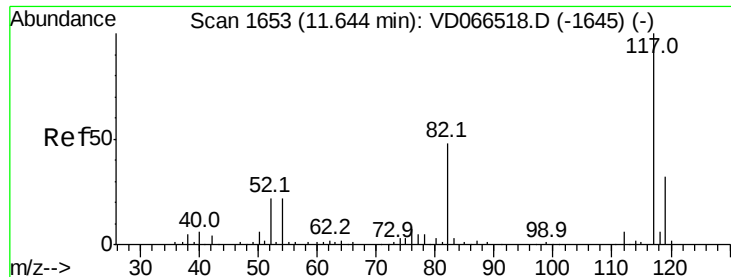
Tot Ion: 98 Resp: 38977
Ion Ratio Lower Upper
98 100
100 62.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 51.344 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD066529.D
Acq: 02 Sep 2020 18:10

Tgt Ion: 95 Resp: 13575
Ion Ratio Lower Upper
95 100
174 107.3 0.0 203.2
176 105.7 0.0 198.6

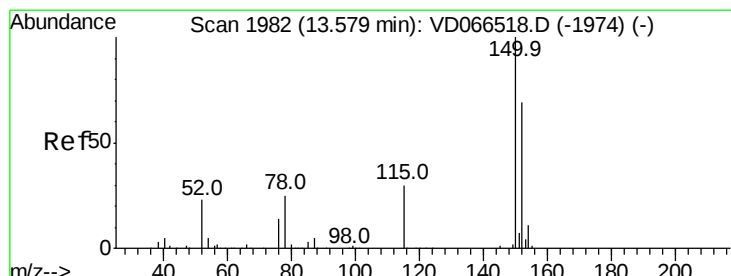
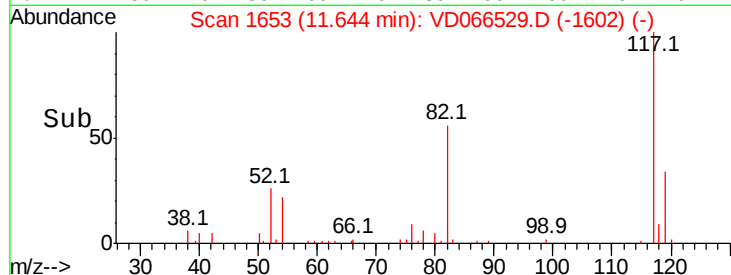
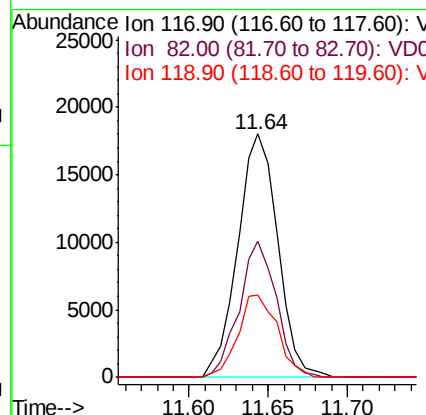
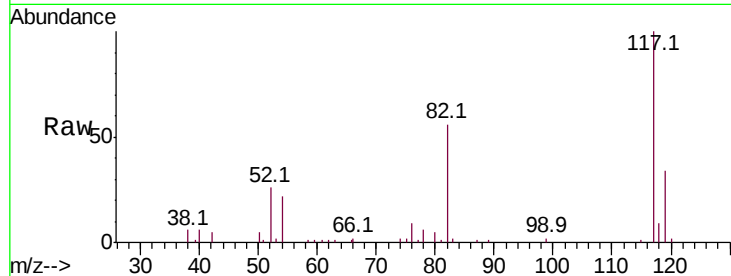




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066529.D
Acq: 02 Sep 2020 18:10

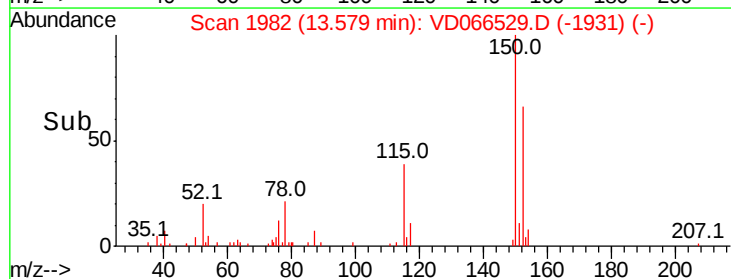
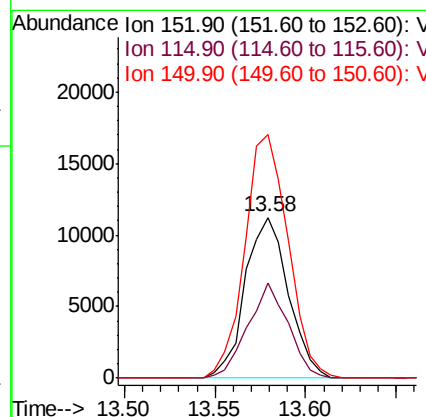
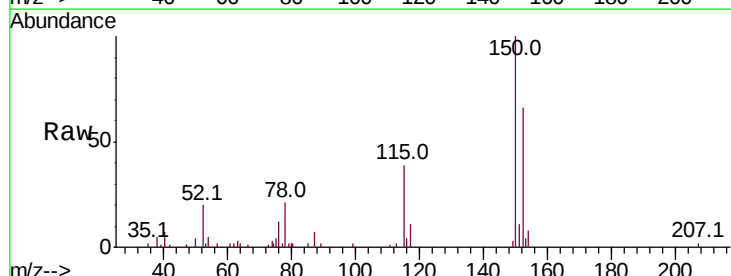
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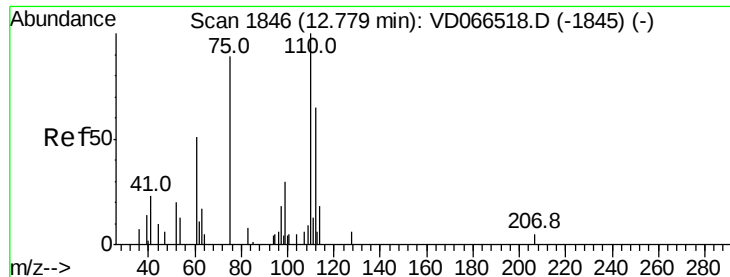
Tot Ion:117 Resp: 31594
Ion Ratio Lower Upper
117 100
82 56.1 38.5 57.7
119 33.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066529.D
Acq: 02 Sep 2020 18:10

Tgt Ion:152 Resp: 18608
Ion Ratio Lower Upper
152 100
115 54.9 28.9 86.8
150 151.7 0.0 339.6





#76

1,2,3-Trichloropropane

Concen: 65.088 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066529.D

Acq: 02 Sep 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

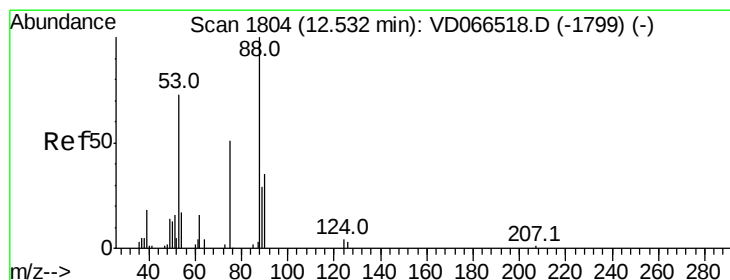
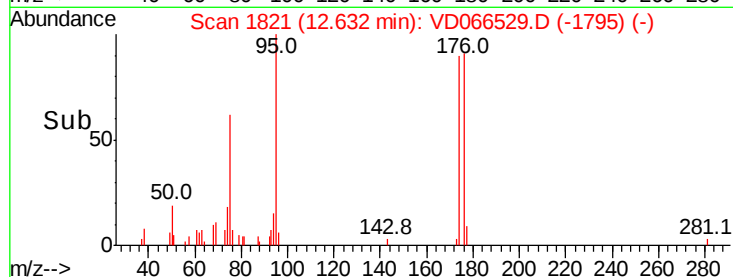
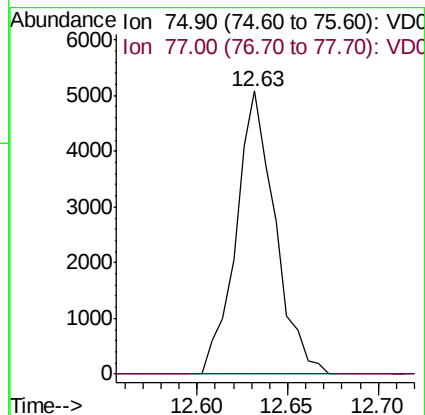
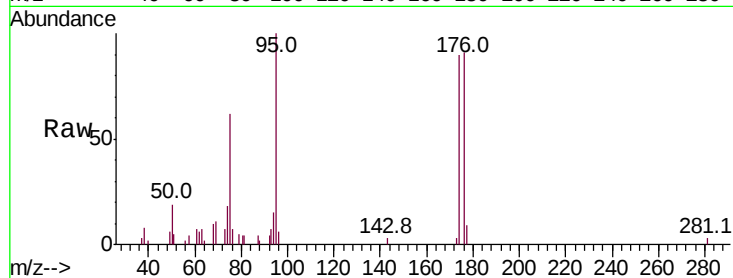
CONCRETE-PILE

Tot Ion: 75 Resp: 7619

Ion Ratio Lower Upper

75 100

77 0.0 196.9 590.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 144.946 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066529.D

Acq: 02 Sep 2020 18:10

Tgt Ion: 75 Resp: 7619

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.8#

89 0.0 46.0 69.0#

