

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066531.D
 Acq On : 02 Sep 2020 19:05
 Operator : VA/SY
 Sample : L3876-02
 Misc : 1.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1494

Quant Time: Sep 03 03:43:58 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

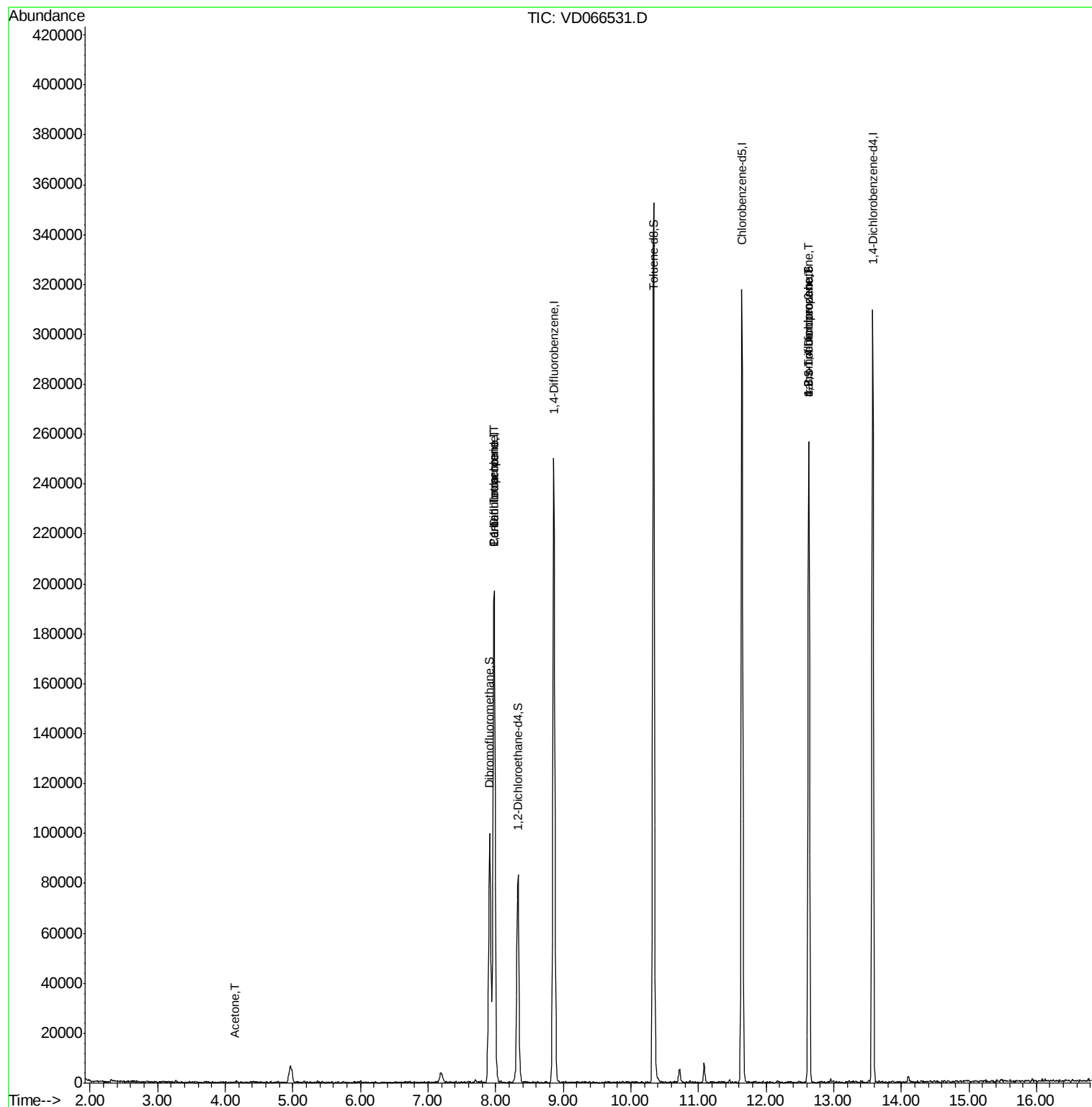
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	150083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	213374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	177420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	83258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	76202	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
35) Dibromofluoromethane	7.91	113	64748	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
50) Toluene-d8	10.34	98	232479	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.64	95	69666	40.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.12%	
Target Compounds						
16) Acetone	4.16	43	296	1.240	ug/l #	53
31) Cyclohexane	7.98	56	3238	Below Cal	#	32
36) 1,1-Dichloropropene	7.98	75	9681	5.176	ug/l #	51
38) Carbon Tetrachloride	7.98	117	14904	5.231	ug/l #	19
76) 1,2,3-Trichloropropane	12.64	75	43495	83.046	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.64	75	43495	184.935	ug/l #	1

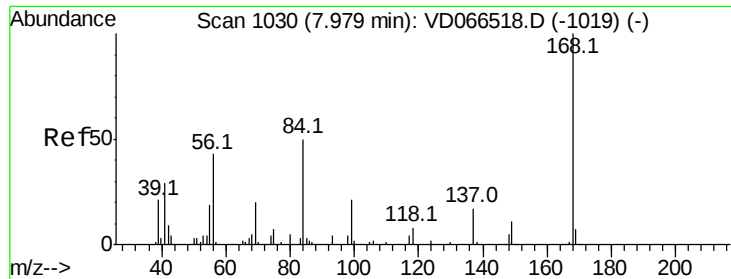
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090220\
Data File : VD066531.D
Acq On : 02 Sep 2020 19:05
Operator : VA/SY
Sample : L3876-02
Misc : 1.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1494

Quant Time: Sep 03 03:43:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 02 15:08:44 2020
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: VD066531.D

Acq: 02 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

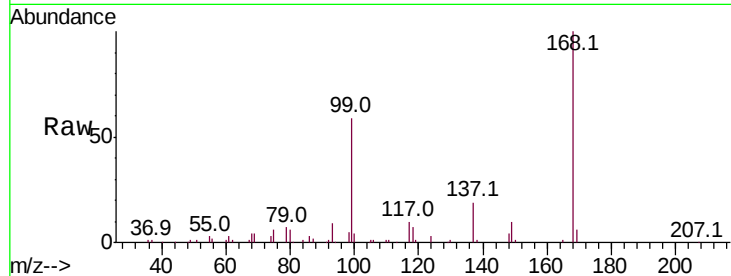
1494

Tot Ion:168 Resp: 150083

Ion Ratio Lower Upper

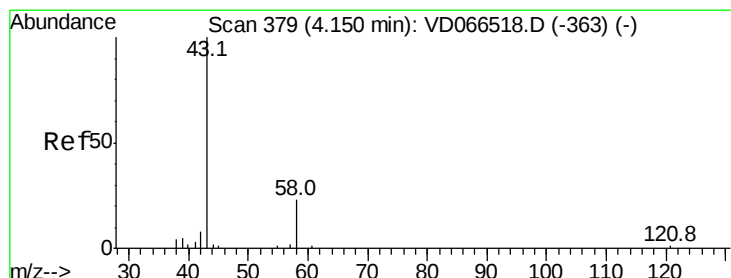
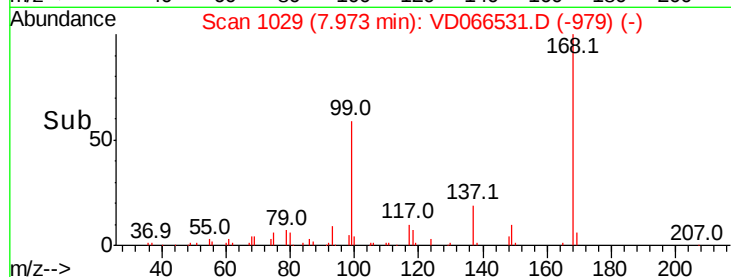
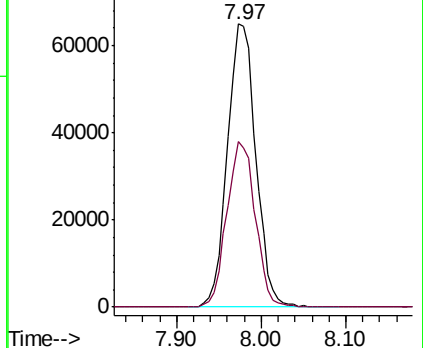
168 100

99 58.6 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: 1.240 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066531.D

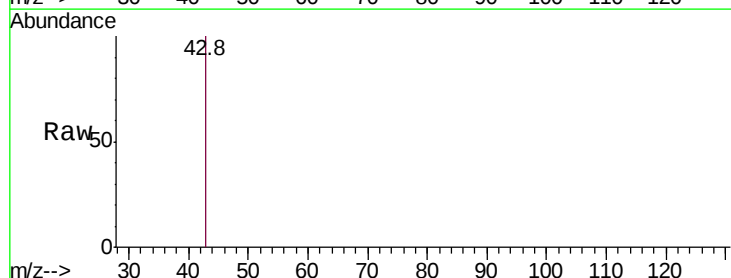
Acq: 02 Sep 2020 19:05

Tgt Ion: 43 Resp: 296

Ion Ratio Lower Upper

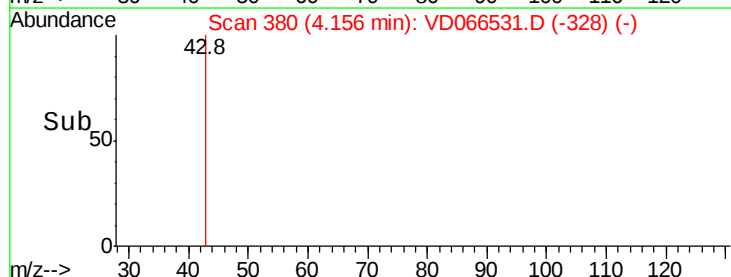
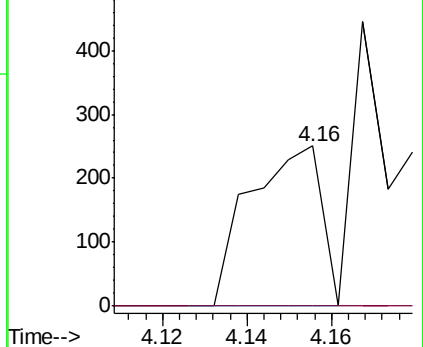
43 100

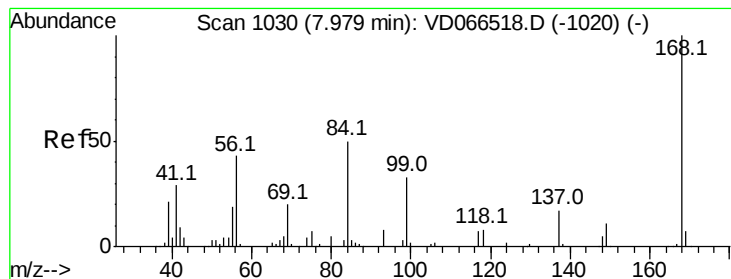
58 0.0 18.1 27.1#



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: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066531.D

Acq: 02 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

1494

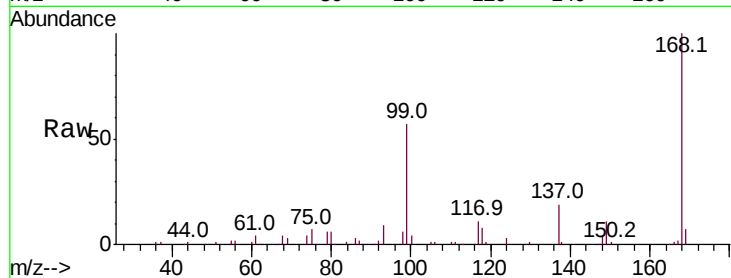
Tot Ion: 56 Resp: 3238

Ion Ratio Lower Upper

56 100

69 128.7 36.8 55.2#

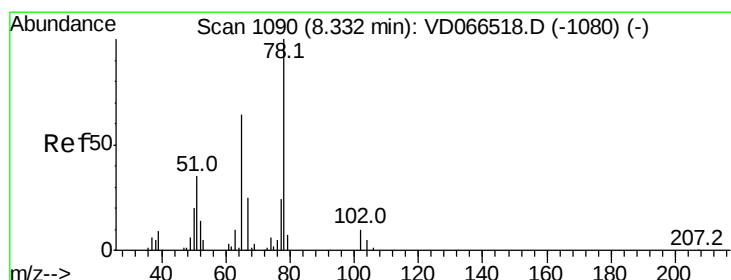
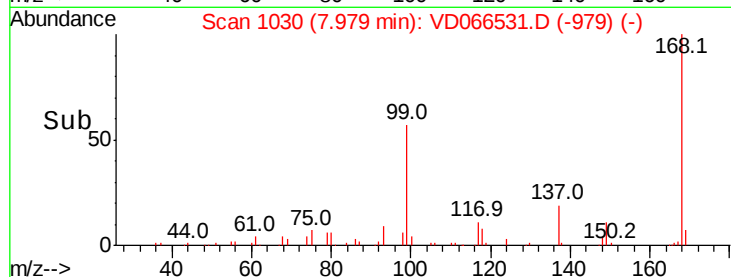
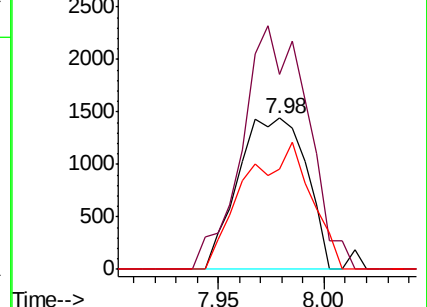
84 66.6 93.4 140.0#



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: 47.211 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066531.D

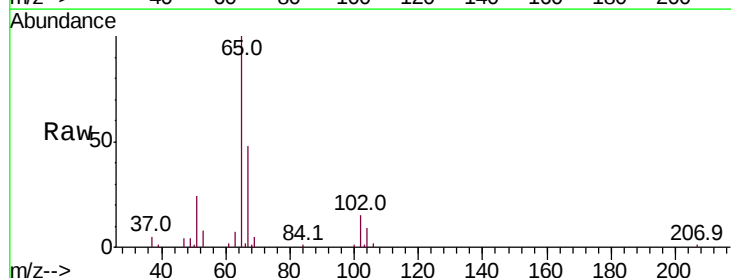
Acq: 02 Sep 2020 19:05

Tgt Ion: 65 Resp: 76202

Ion Ratio Lower Upper

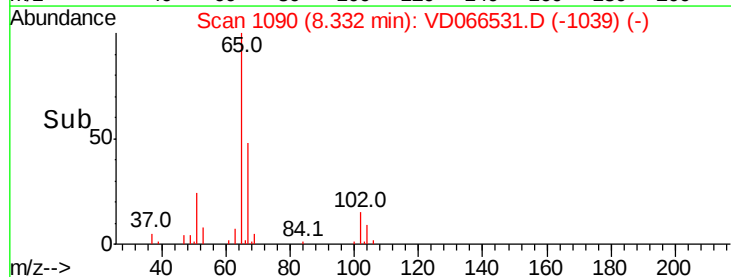
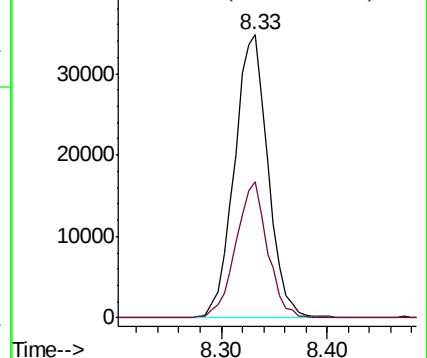
65 100

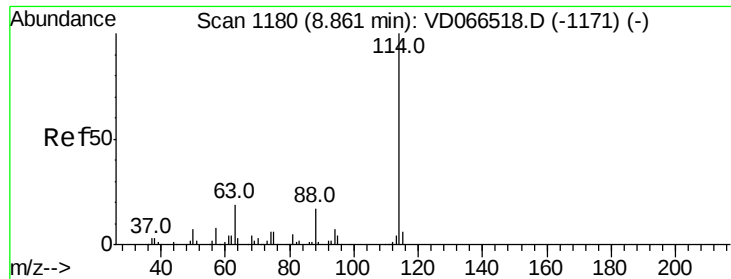
67 45.2 0.0 88.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

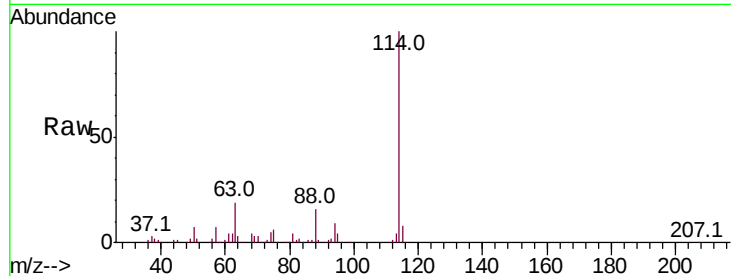




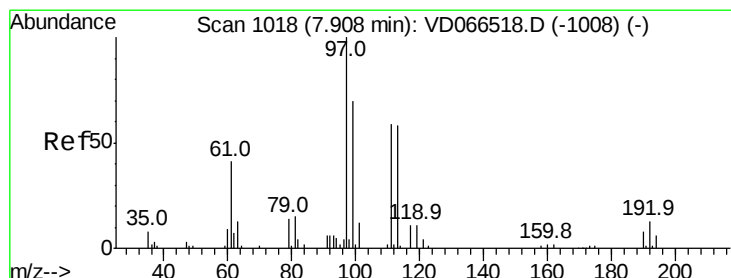
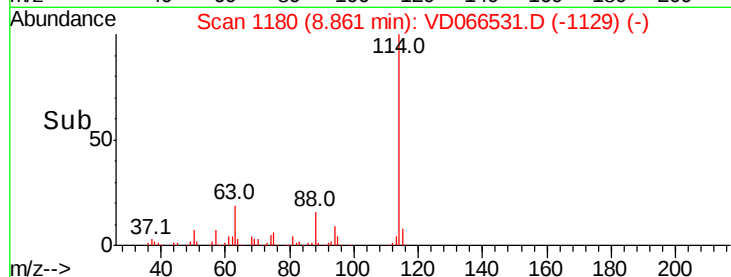
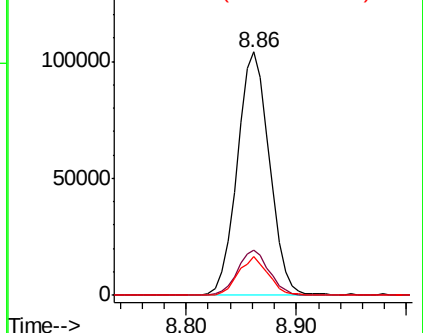
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066531.D
 Acq: 02 Sep 2020 19:05

Instrument :
 MSVOA_D
 ClientSampleId :
 1494

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.6
88	15.8	0.0	33.6

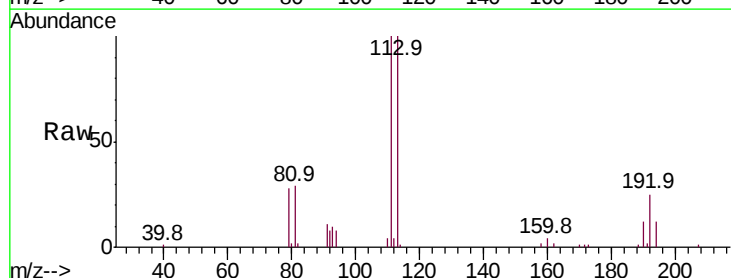


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

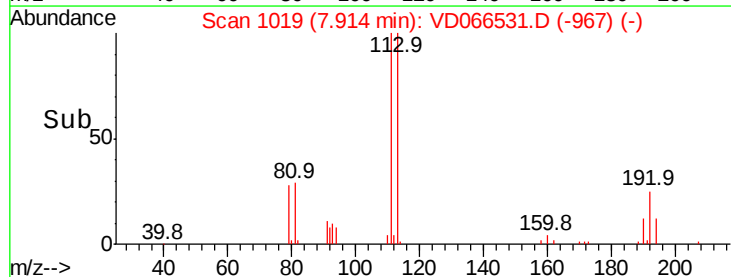
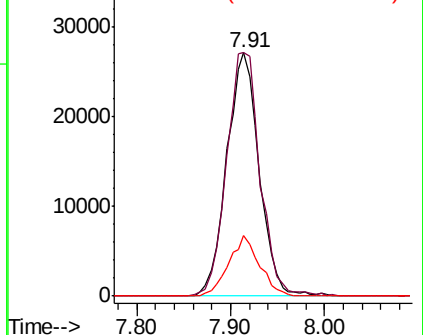


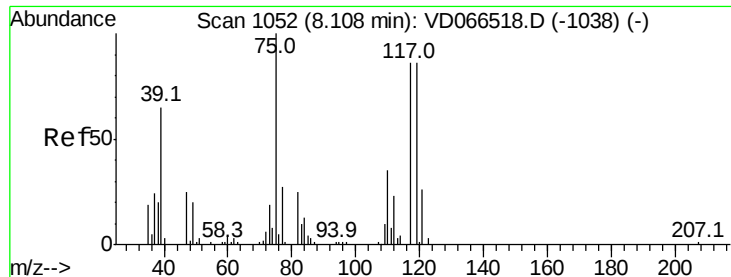
#35
 Dibromofluoromethane
 Concen: 50.453 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066531.D
 Acq: 02 Sep 2020 19:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.5	123.7
192	23.4	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: 5.176 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.13 min

Lab File: VD066531.D

Acq: 02 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampled :

1494

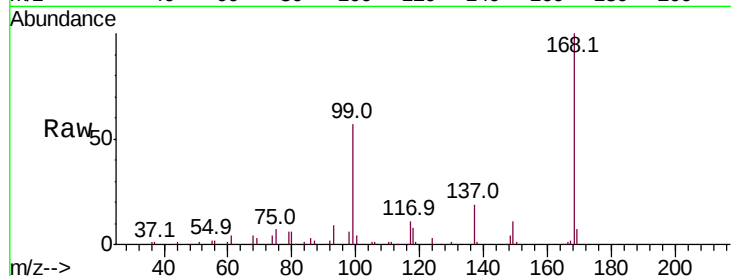
Tot Ion: 75 Resp: 9681

Ion Ratio Lower Upper

75 100

110 11.5 18.4 55.2#

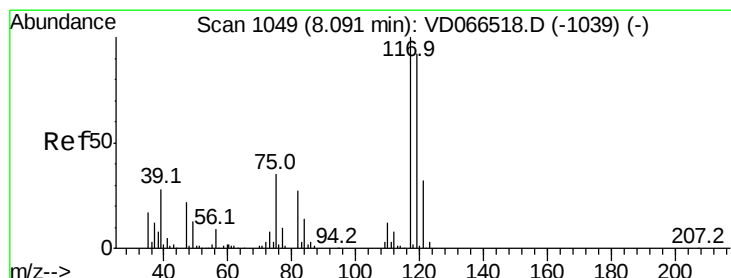
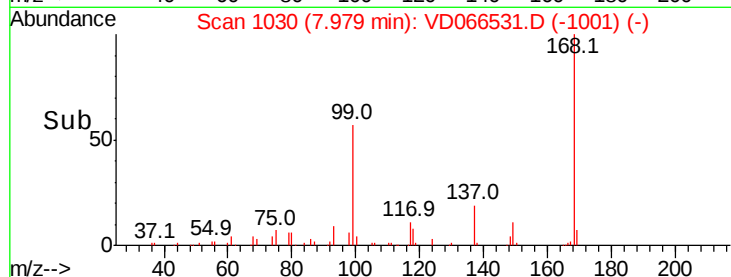
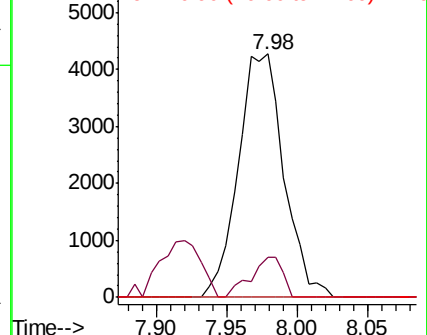
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 5.231 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066531.D

Acq: 02 Sep 2020 19:05

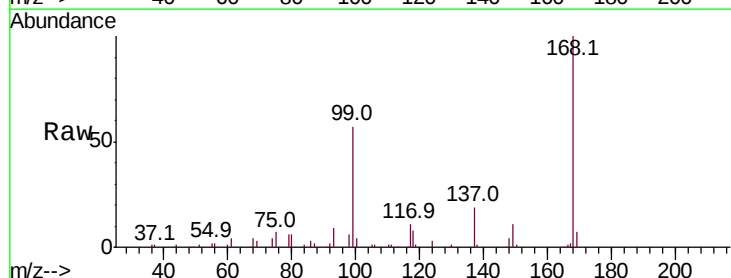
Tgt Ion: 117 Resp: 14904

Ion Ratio Lower Upper

117 100

119 6.8 73.9 110.9#

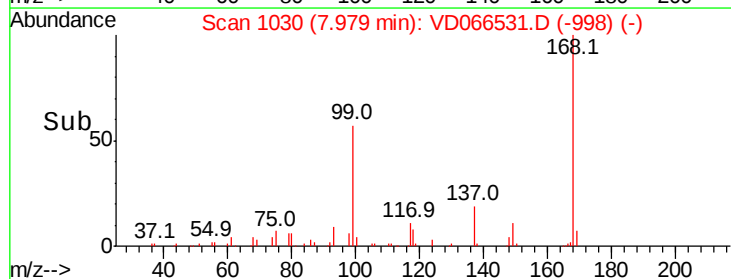
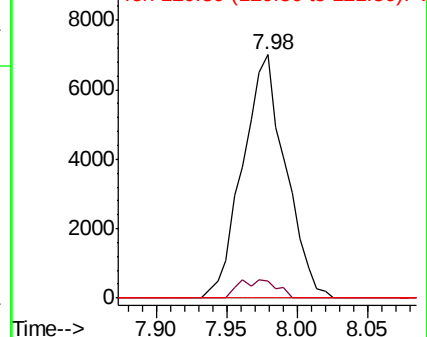
121 0.0 25.6 38.4#

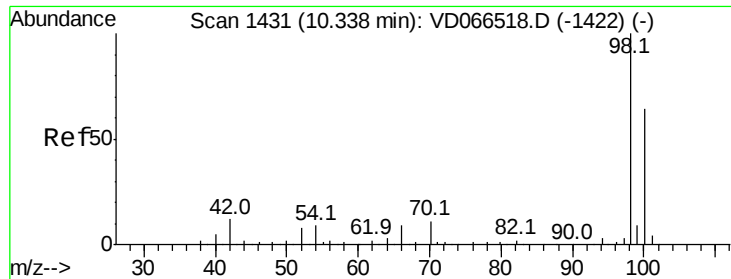


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 48.244 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066531.D

Acq: 02 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

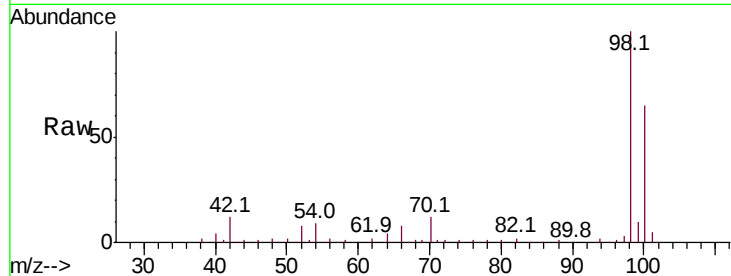
1494

Tot Ion: 98 Resp: 232479

Ion Ratio Lower Upper

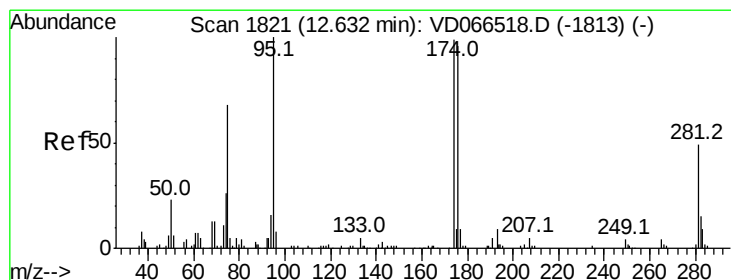
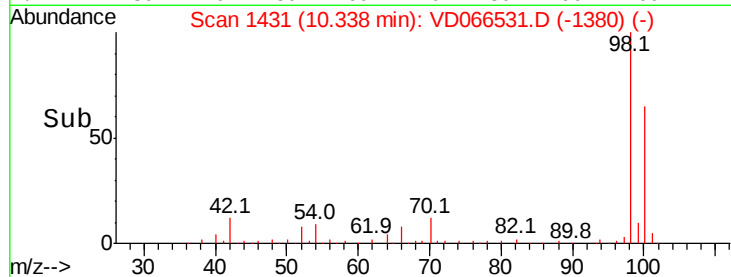
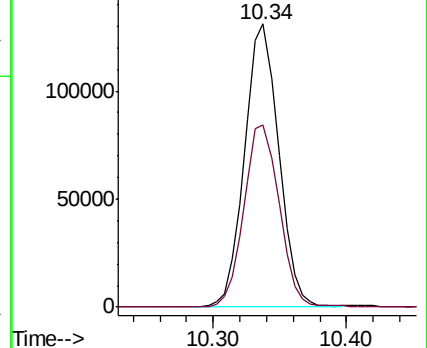
98 100

100 66.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 40.556 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD066531.D

Acq: 02 Sep 2020 19:05

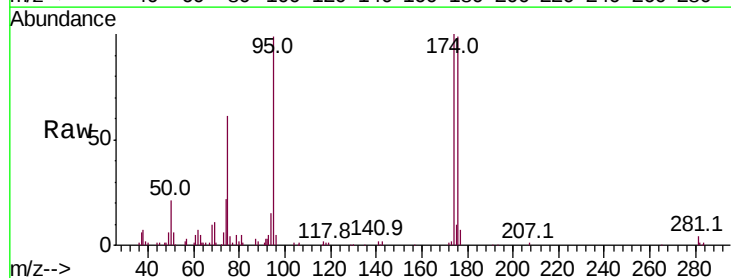
Tgt Ion: 95 Resp: 69666

Ion Ratio Lower Upper

95 100

174 103.9 0.0 203.2

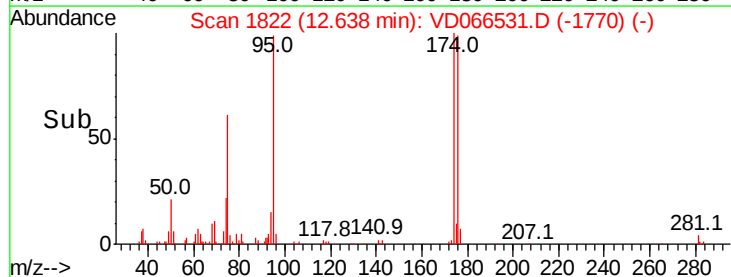
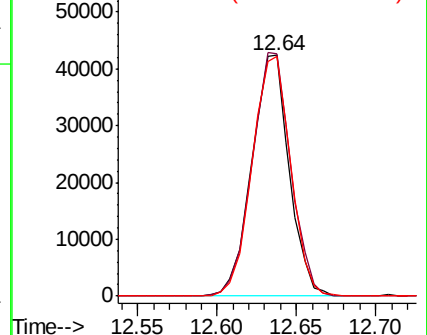
176 101.8 0.0 198.6

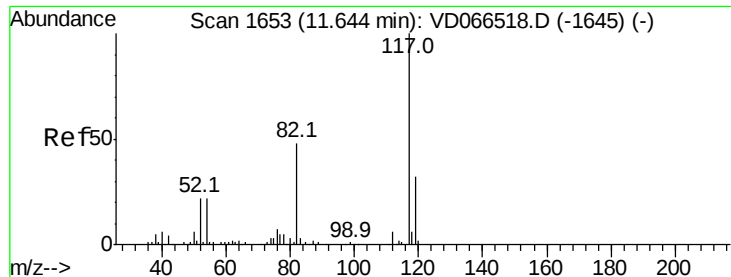


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

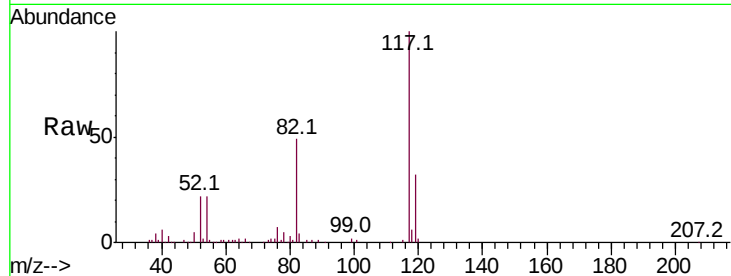




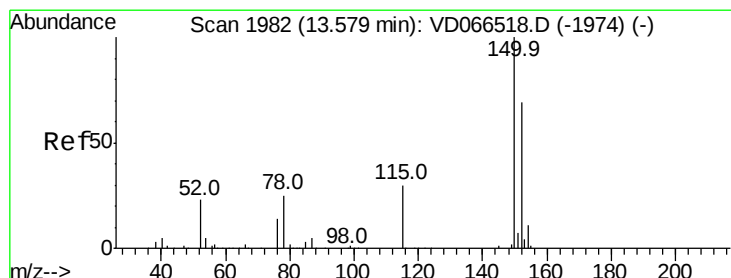
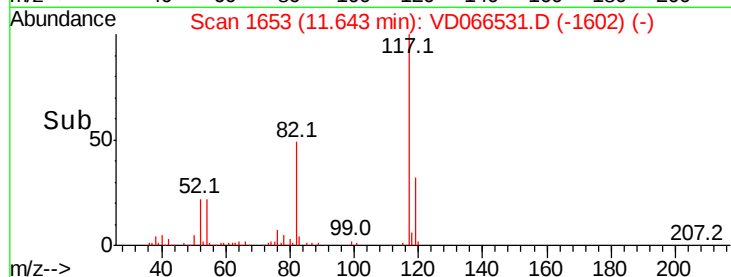
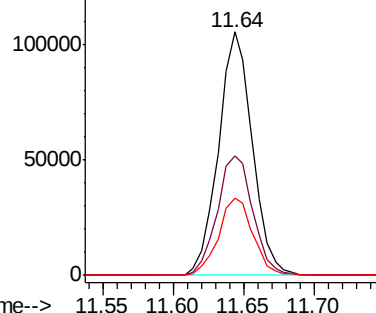
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066531.D
Acq: 02 Sep 2020 19:05

Instrument :
MSVOA_D
ClientSampleId :
1494

Tot Ion:117 Resp: 177420
Ion Ratio Lower Upper
117 100
82 49.1 38.5 57.7
119 31.5 25.9 38.9

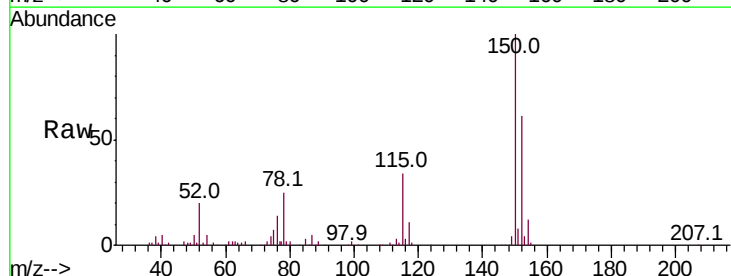


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

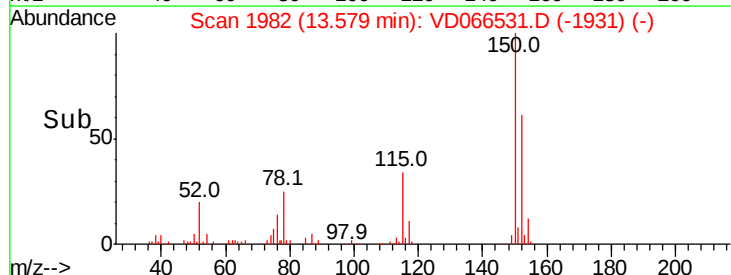
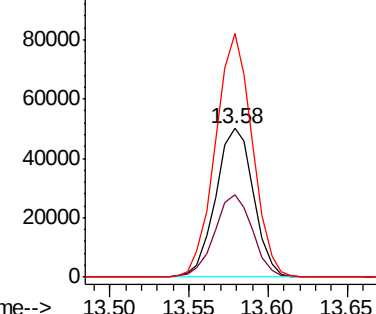


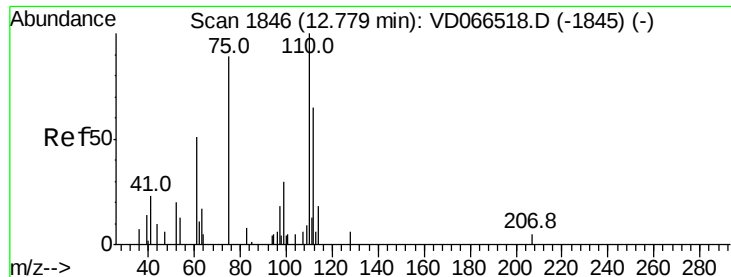
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066531.D
Acq: 02 Sep 2020 19:05

Tgt Ion:152 Resp: 83258
Ion Ratio Lower Upper
152 100
115 55.4 28.9 86.8
150 158.7 0.0 339.6



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: 83.046 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.14 min

Lab File: VD066531.D

Acq: 02 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

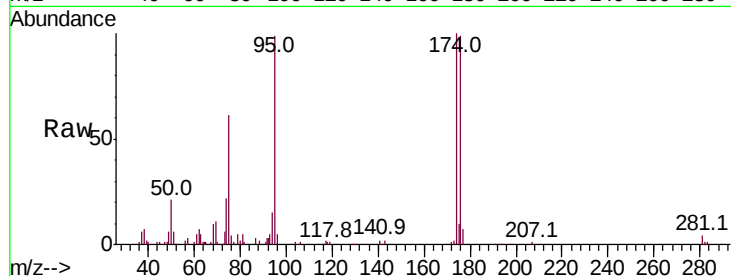
1494

Tot Ion: 75 Resp: 43495

Ion Ratio Lower Upper

75 100

77 0.9 196.9 590.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.64

25000

20000

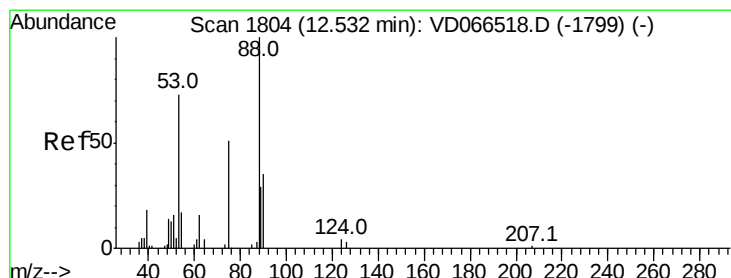
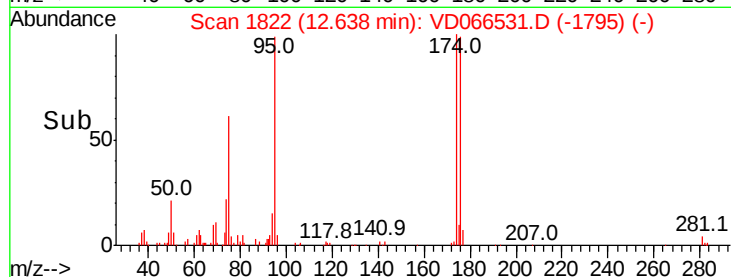
15000

10000

5000

0

Time--> 12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 184.935 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD066531.D

Acq: 02 Sep 2020 19:05

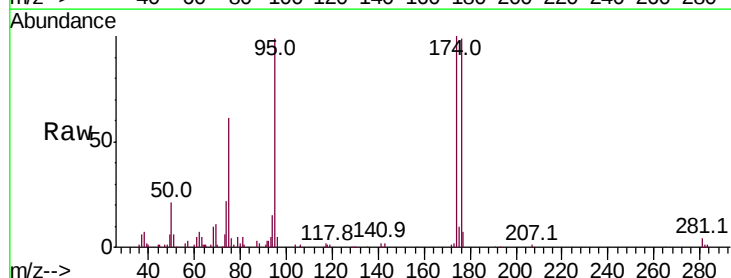
Tgt Ion: 75 Resp: 43495

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.8#

89 0.0 46.0 69.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

12.64

30000

20000

10000

0

Time--> 12.55 12.60 12.65 12.70

