

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082720\
 Data File : VD066435.D
 Acq On : 27 Aug 2020 14:29
 Operator : VA/SY
 Sample : L3806-02
 Misc : 10.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14A-S2

Quant Time: Aug 27 18:01:31 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	195547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	276488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	256715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	131214	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	107328	55.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.96%	
35) Dibromofluoromethane	7.91	113	86646	50.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.24%	
50) Toluene-d8	10.34	98	317120	50.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.63	95	112395	50.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.14%	

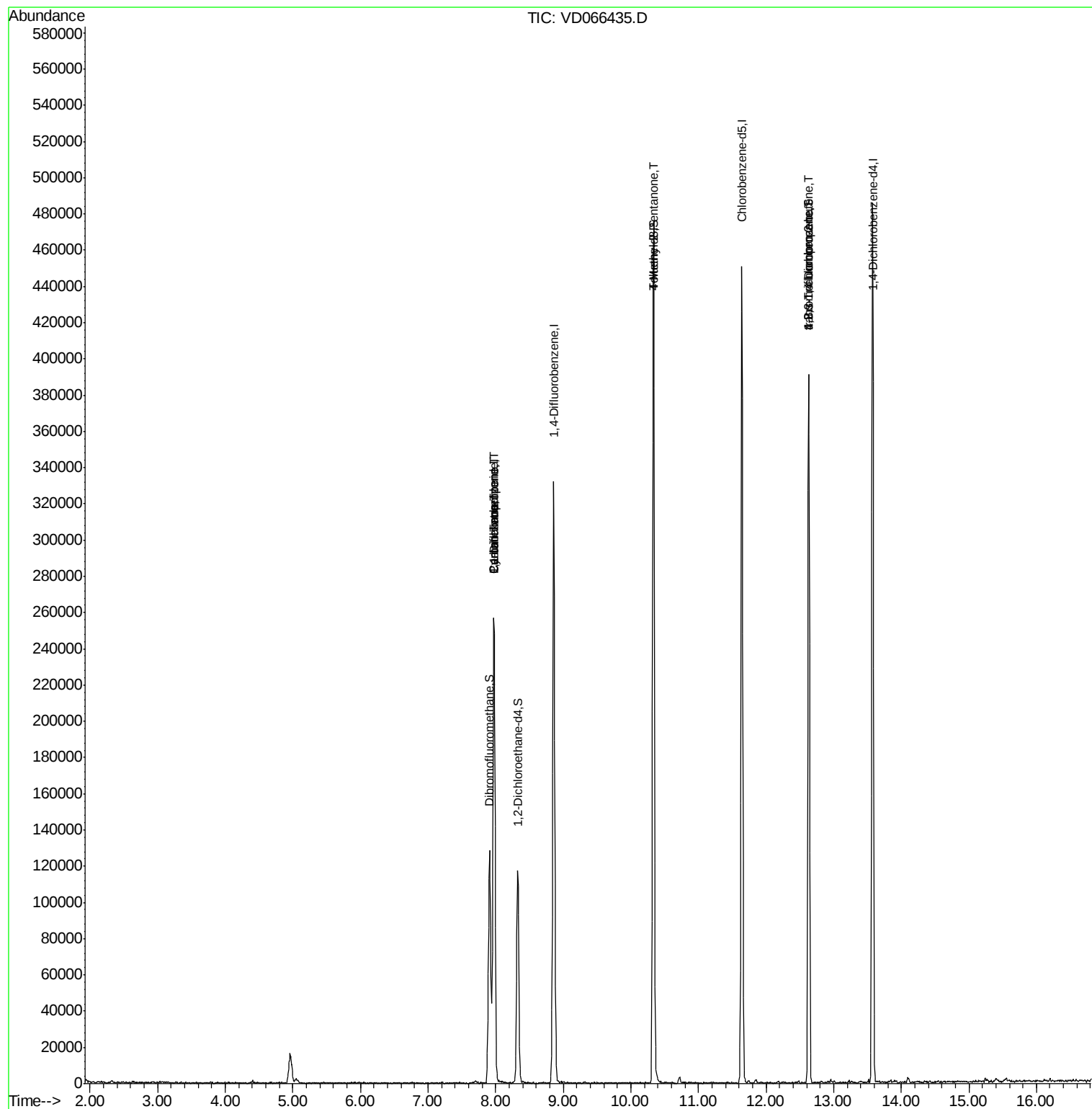
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	7.97	56	4529	1.701	ug/l #	29
36) 1,1-Dichloropropene	7.97	75	13632	5.404	ug/l #	51
38) Carbon Tetrachloride	7.98	117	19359	5.890	ug/l #	13
51) 4-Methyl-2-Pentanone	10.33	43	1398	1.678	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	66259	71.779	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	66259	152.364	ug/l #	6

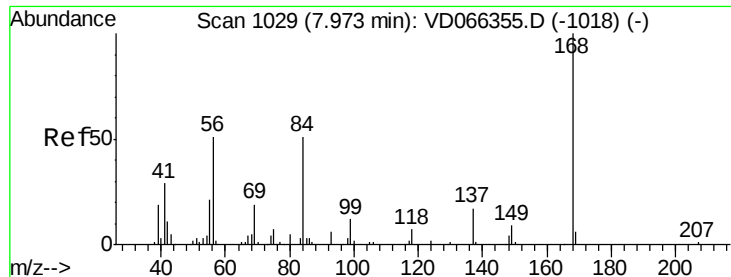
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082720\
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TP-14A-S2

Quant Time: Aug 27 18:01:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
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: VD066435.D

Acq: 27 Aug 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

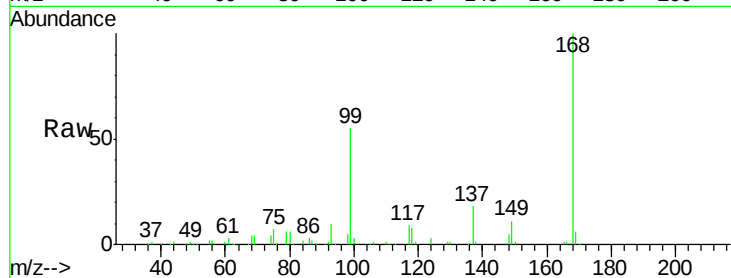
TP-14A-S2

Tgt Ion:168 Resp: 195547

Ion Ratio Lower Upper

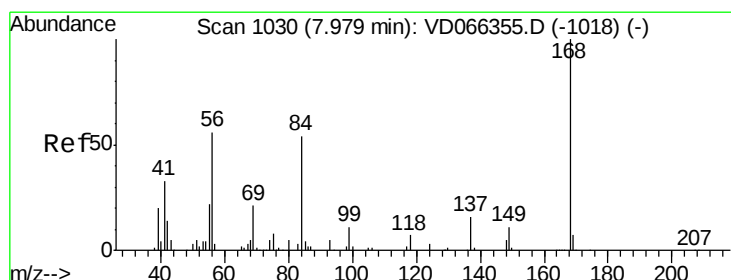
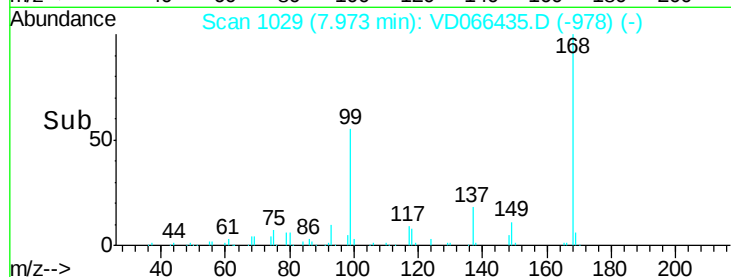
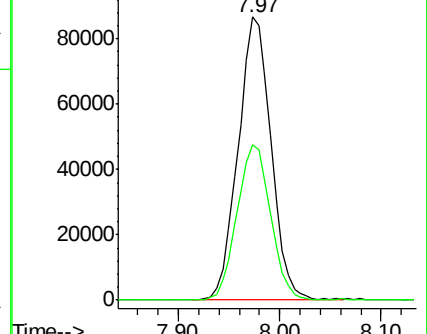
168 100

99 54.9 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#31

Cyclohexane

Concen: 1.701 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066435.D

Acq: 27 Aug 2020 14:29

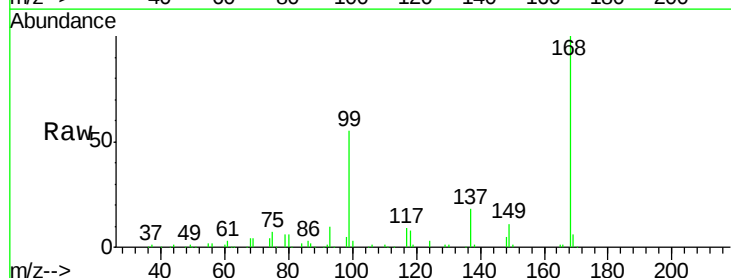
Tgt Ion: 56 Resp: 4529

Ion Ratio Lower Upper

56 100

69 157.6 29.6 44.4#

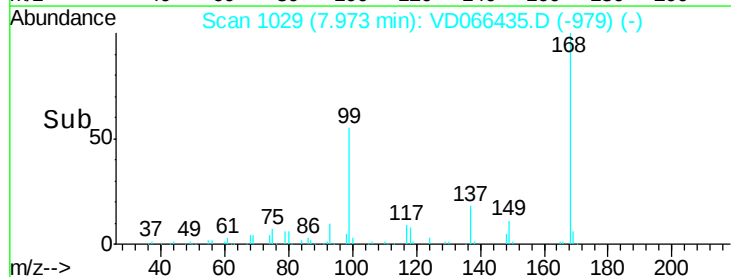
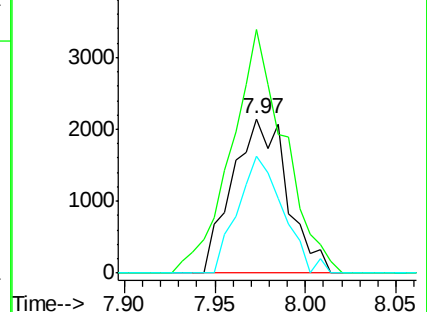
84 75.5 76.6 115.0#

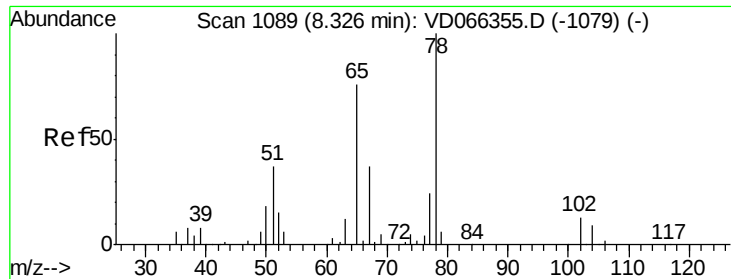


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

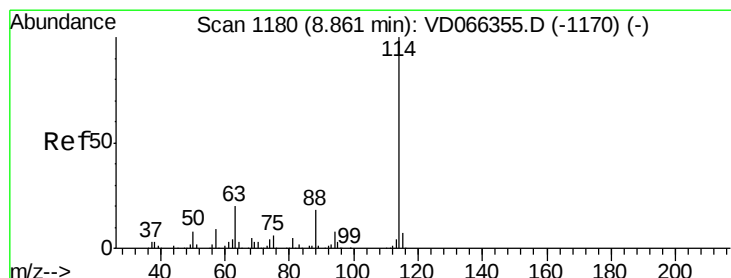
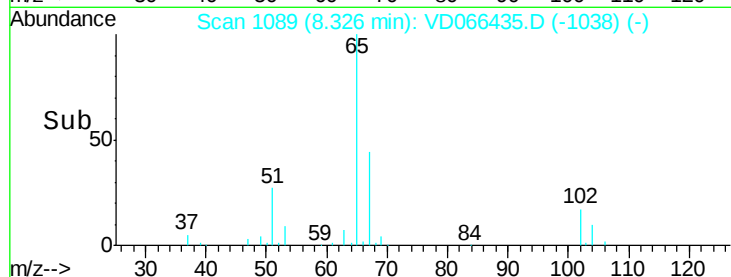
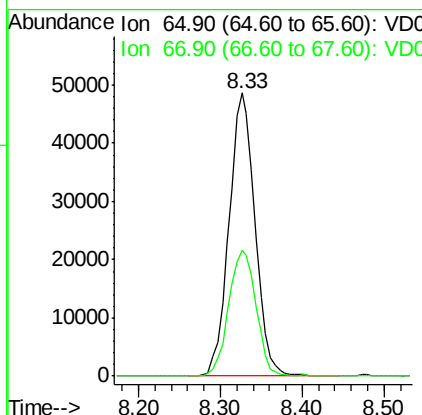
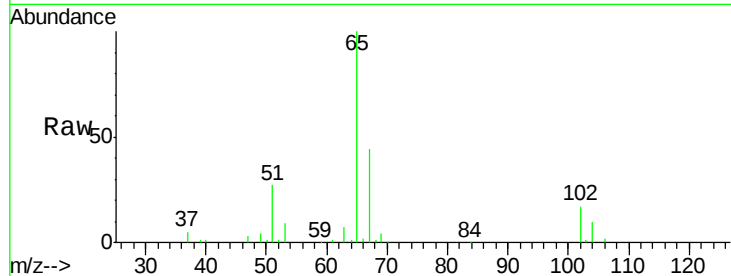




#33
 1,2-Dichloroethane-d4
 Concen: 55.984 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066435.D
 Acq: 27 Aug 2020 14:29

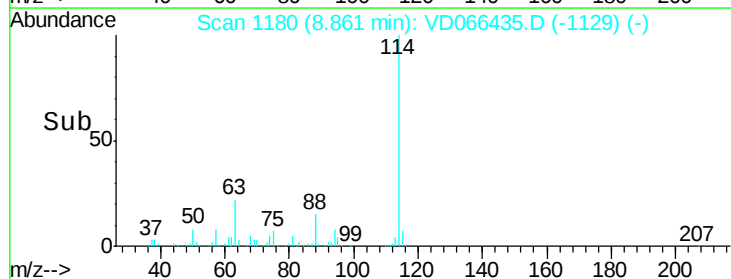
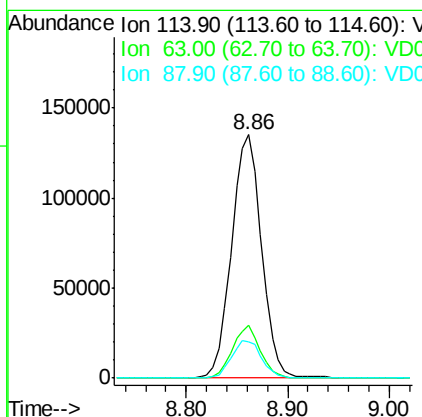
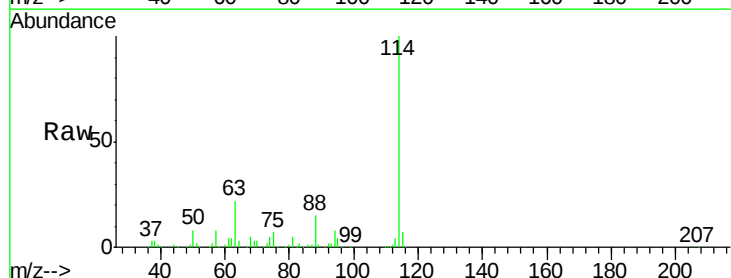
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14A-S2

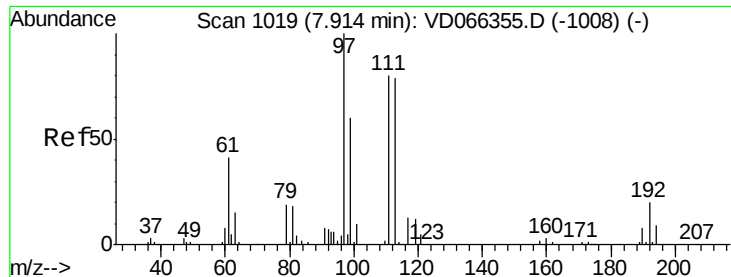
Tgt Ion: 65 Resp: 107328
 Ion Ratio Lower Upper
 65 100
 67 46.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066435.D
 Acq: 27 Aug 2020 14:29

Tgt Ion: 114 Resp: 276488
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 40.8
 88 15.1 0.0 35.4

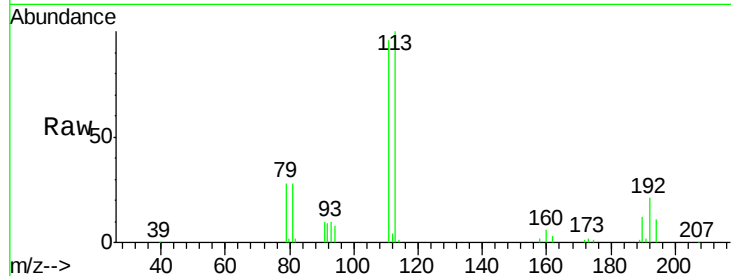




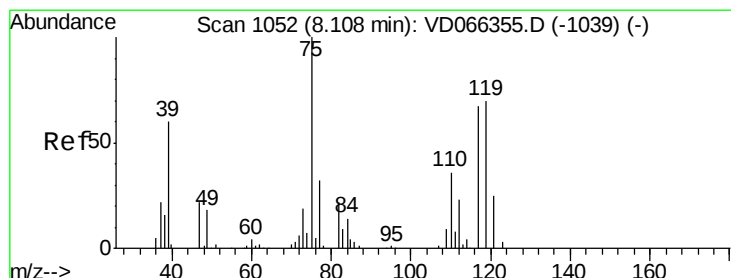
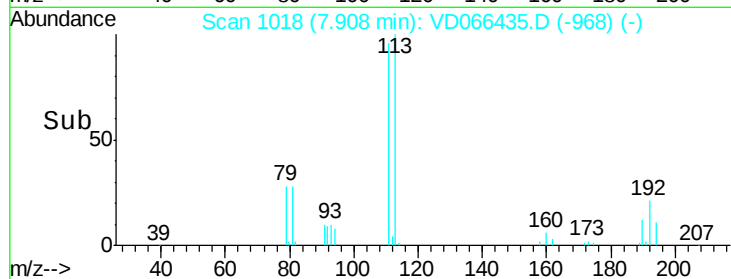
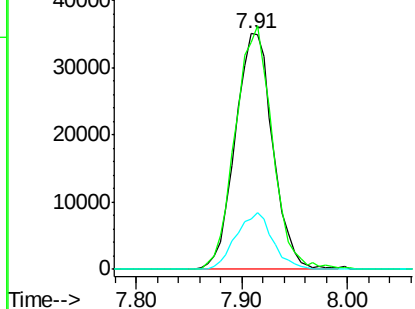
#35
Dibromofluoromethane
Concen: 50.116 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD066435.D
Acq: 27 Aug 2020 14:29

Instrument :
MSVOA_D
ClientSampleId :
TP-14A-S2

Tgt Ion:113 Resp: 86646
Ion Ratio Lower Upper
113 100
111 101.6 80.3 120.5
192 23.4 19.0 28.6

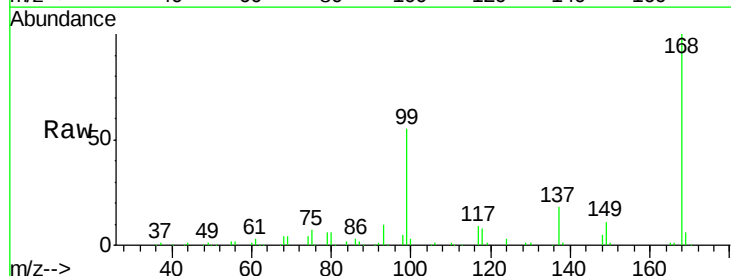


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

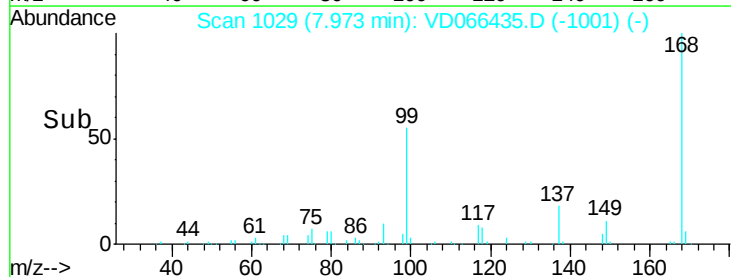
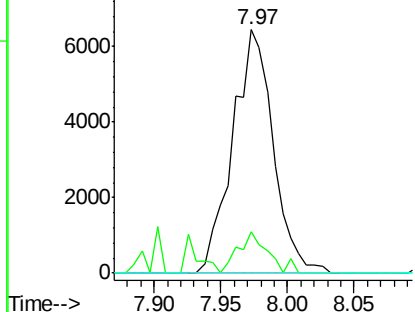


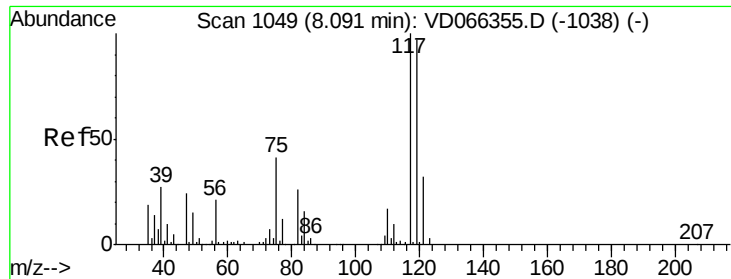
#36
1,1-Dichloropropene
Concen: 5.404 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.14 min
Lab File: VD066435.D
Acq: 27 Aug 2020 14:29

Tgt Ion: 75 Resp: 13632
Ion Ratio Lower Upper
75 100
110 12.4 18.7 56.1#
77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VDC





#38

Carbon Tetrachloride

Concen: 5.890 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066435.D

Acq: 27 Aug 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

TP-14A-S2

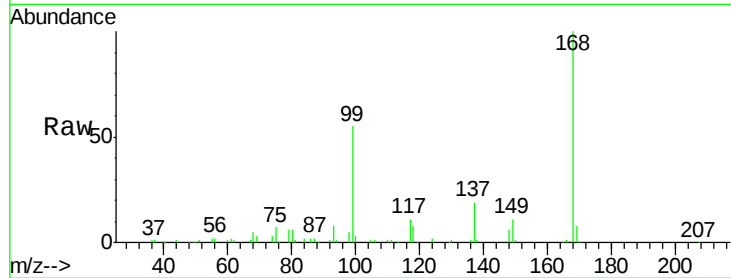
Tgt Ion: 117 Resp: 19359

Ion Ratio Lower Upper

117 100

119 1.7 77.2 115.8#

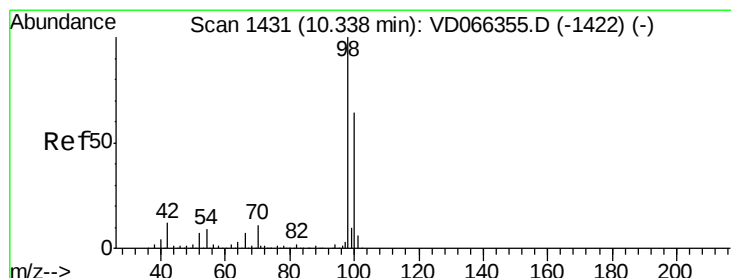
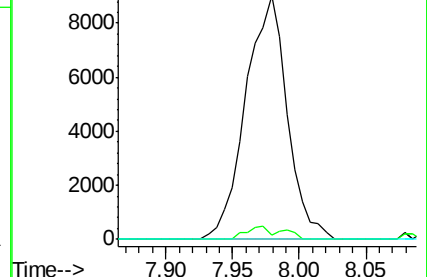
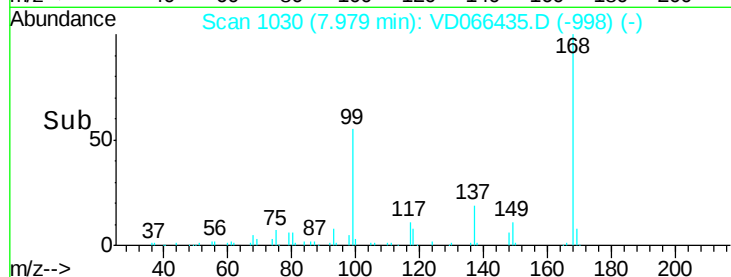
121 0.0 25.8 38.8#



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: 50.131 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066435.D

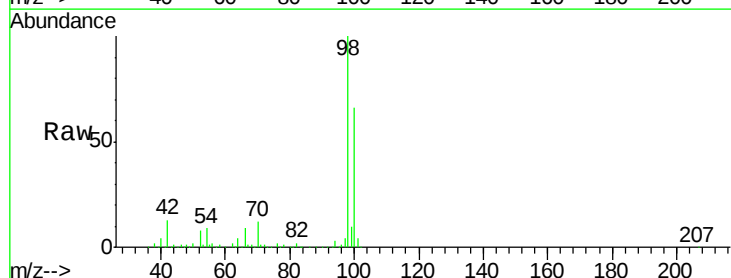
Acq: 27 Aug 2020 14:29

Tgt Ion: 98 Resp: 317120

Ion Ratio Lower Upper

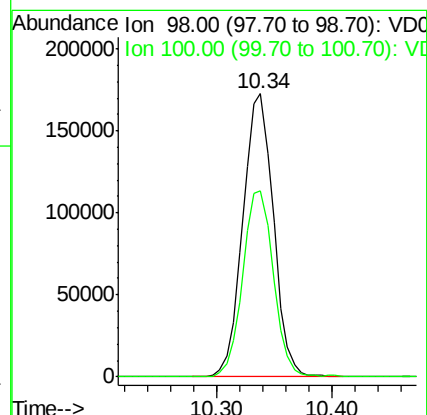
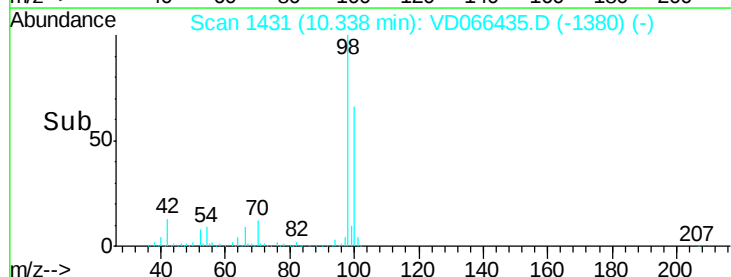
98 100

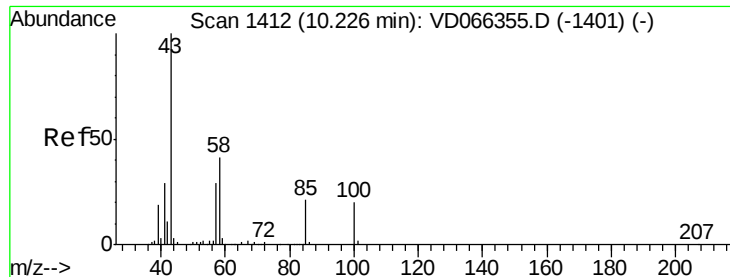
100 66.0 53.0 79.4



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: 1.678 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. 0.11 min

Lab File: VD066435.D

Acq: 27 Aug 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

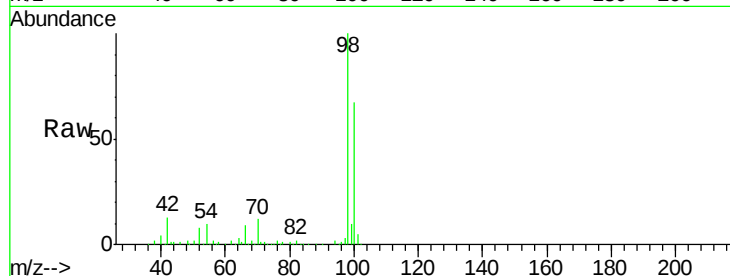
TP-14A-S2

Tgt Ion: 43 Resp: 1398

Ion Ratio Lower Upper

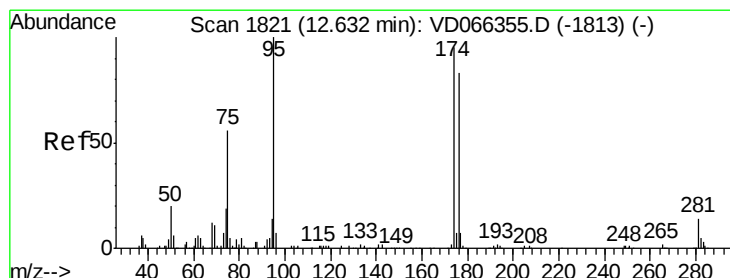
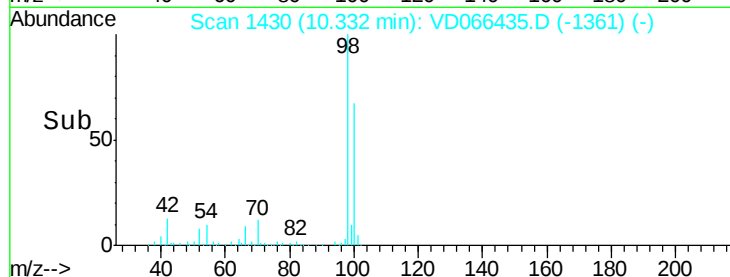
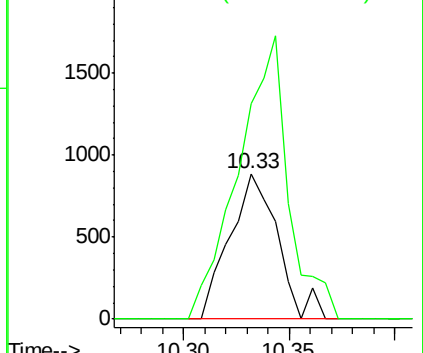
43 100

58 203.9 31.4 47.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 50.072 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066435.D

Acq: 27 Aug 2020 14:29

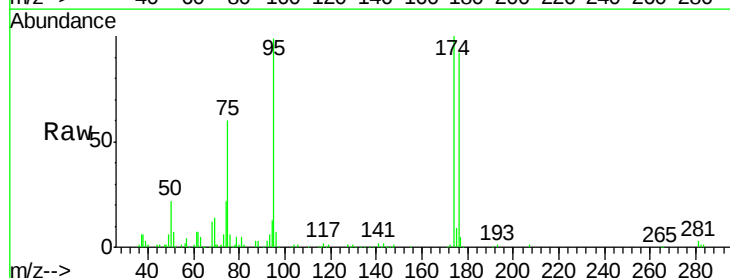
Tgt Ion: 95 Resp: 112395

Ion Ratio Lower Upper

95 100

174 100.4 0.0 183.4

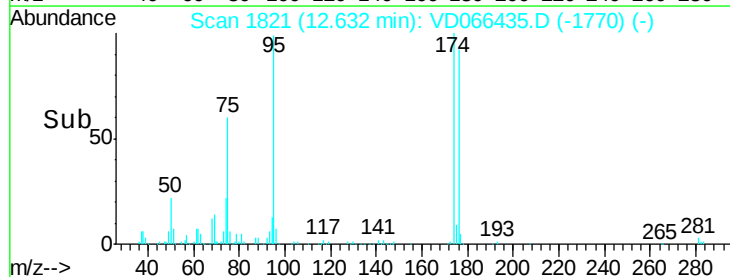
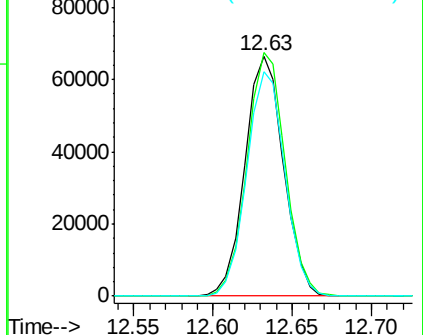
176 92.6 0.0 173.8

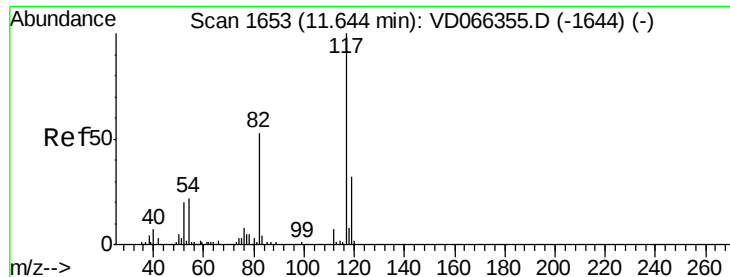


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

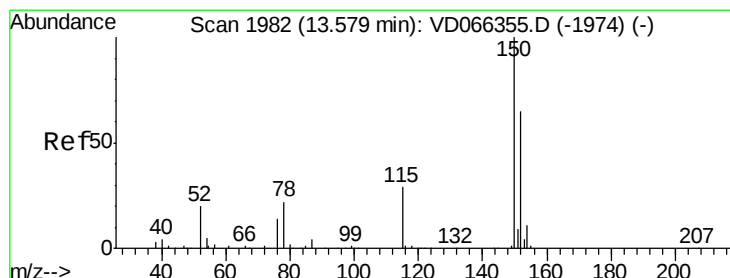
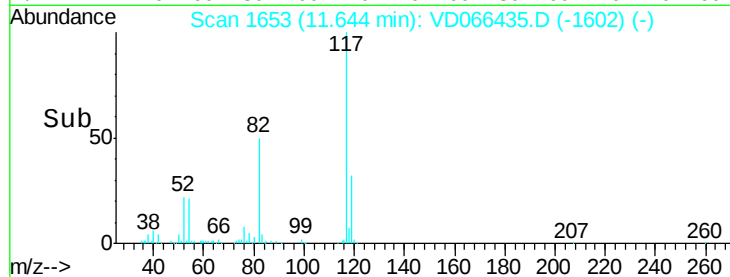
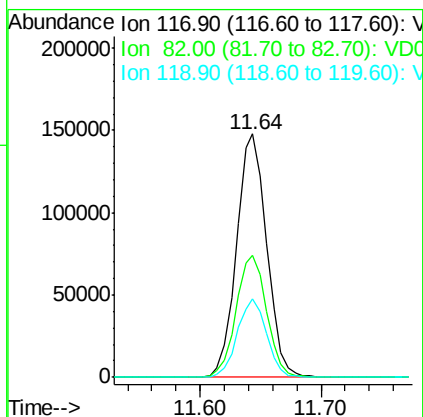
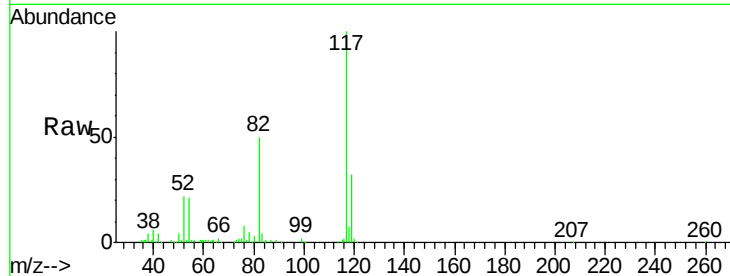




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066435.D
Acq: 27 Aug 2020 14:29

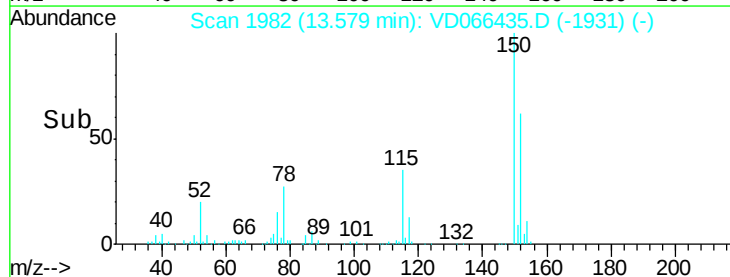
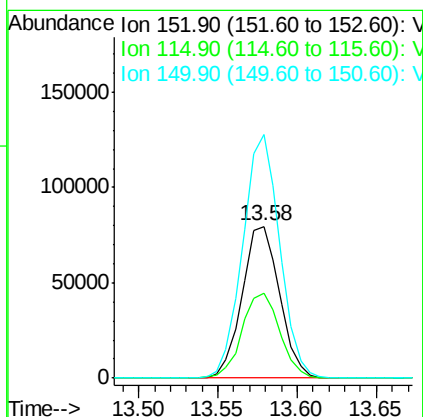
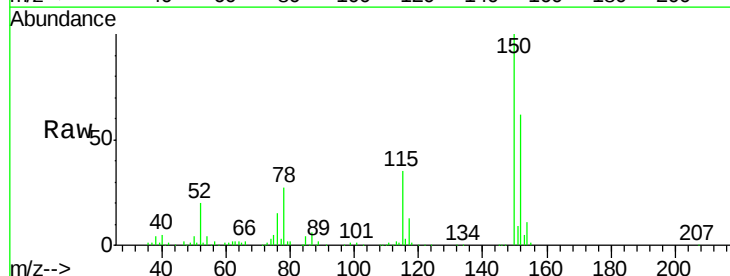
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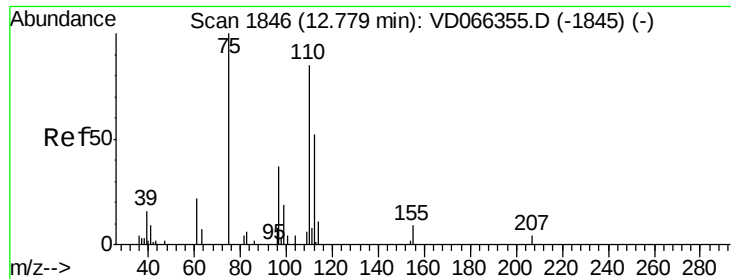
Tgt Ion:117 Resp: 256715
Ion Ratio Lower Upper
117 100
82 50.1 42.8 64.2
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066435.D
Acq: 27 Aug 2020 14:29

Tgt Ion:152 Resp: 131214
Ion Ratio Lower Upper
152 100
115 56.4 28.3 85.0
150 158.0 0.0 343.2





#76

1,2,3-Trichloropropane

Concen: 71.779 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066435.D

Acq: 27 Aug 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

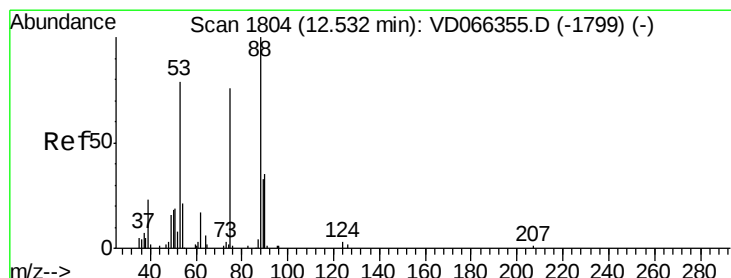
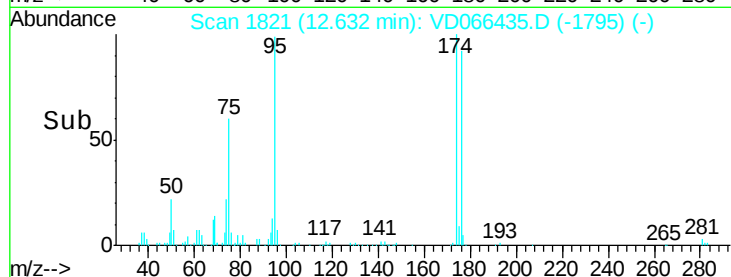
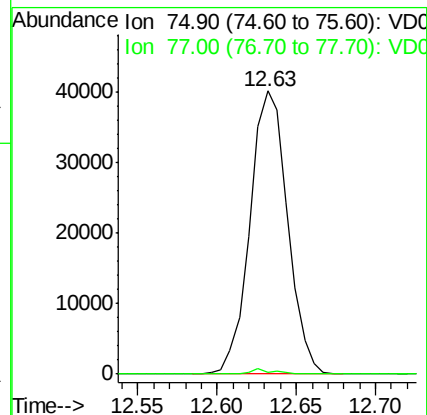
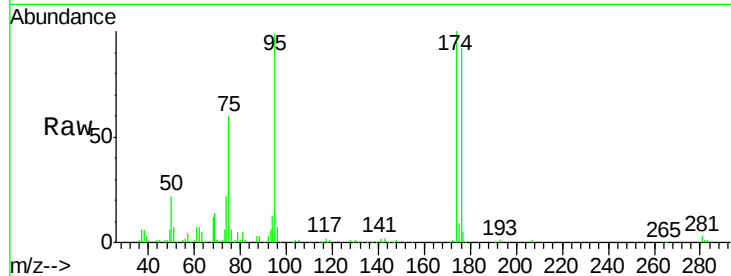
TP-14A-S2

Tgt Ion: 75 Resp: 66259

Ion Ratio Lower Upper

75 100

77 1.0 182.9 548.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 152.364 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066435.D

Acq: 27 Aug 2020 14:29

Tgt Ion: 75 Resp: 66259

Ion Ratio Lower Upper

75 100

53 0.1 87.4 131.2#

89 0.0 39.4 59.0#

