

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082720\
 Data File : VD066436.D
 Acq On : 27 Aug 2020 14:56
 Operator : VA/SY
 Sample : L3806-06
 Misc : 9.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14A-D2

Quant Time: Aug 28 01:48:13 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	196218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	279060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	252516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	132393	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	102969	53.53	ug/l	0.00
Spiked Amount			Recovery	=	107.06%	
35) Dibromofluoromethane	7.91	113	84096	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
50) Toluene-d8	10.34	98	320012	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.63	95	109865	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	

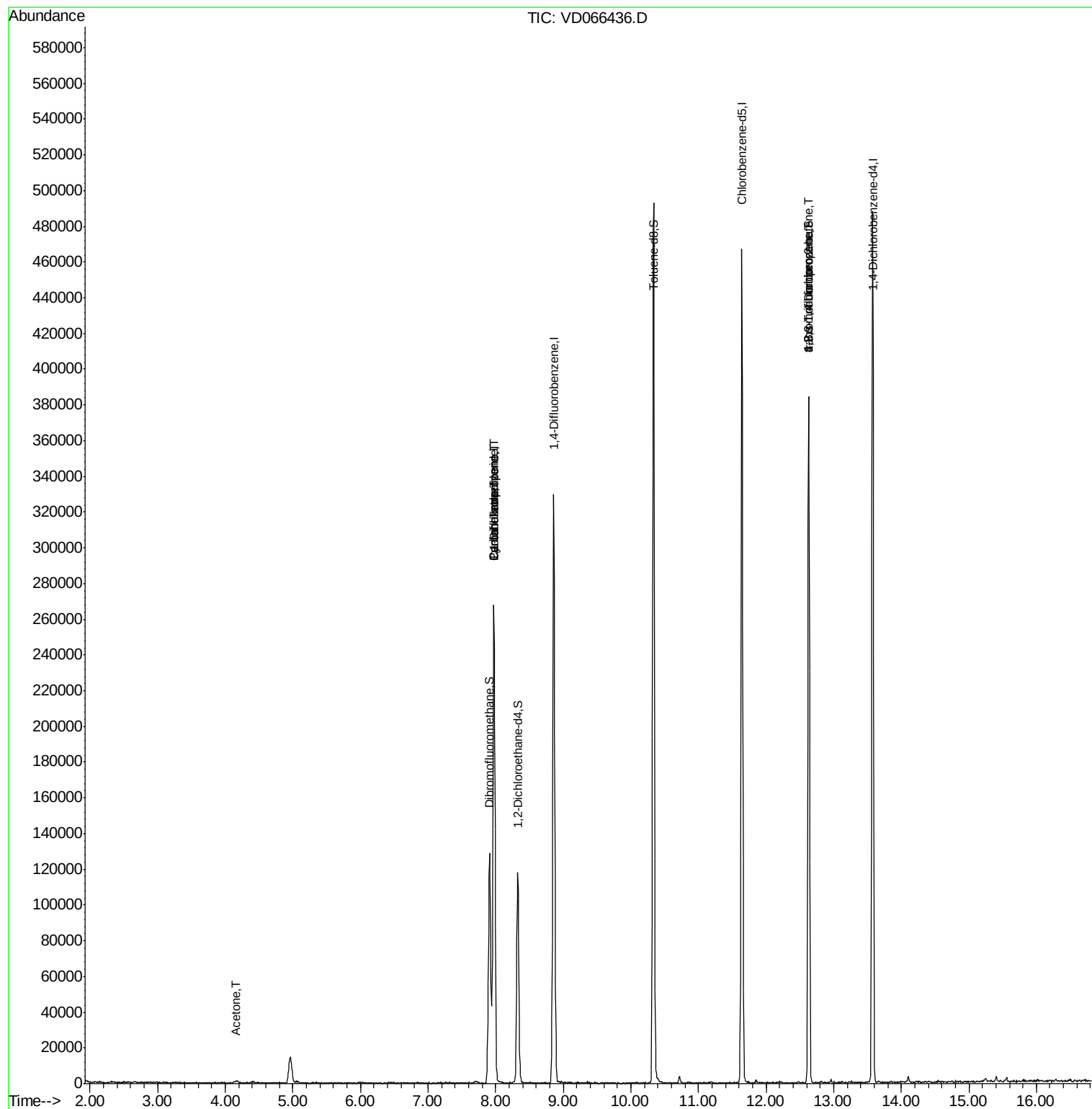
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	1462	4.216	ug/l #	46
20) Methylene Chloride	4.97	84	11657	Below Cal	#	93
31) Cyclohexane	7.98	56	4343	1.626	ug/l #	37
36) 1,1-Dichloropropene	7.97	75	12885	5.060	ug/l #	54
38) Carbon Tetrachloride	7.97	117	19566	5.898	ug/l #	15
76) 1,2,3-Trichloropropane	12.63	75	66150	71.023	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	66150	150.758	ug/l #	6

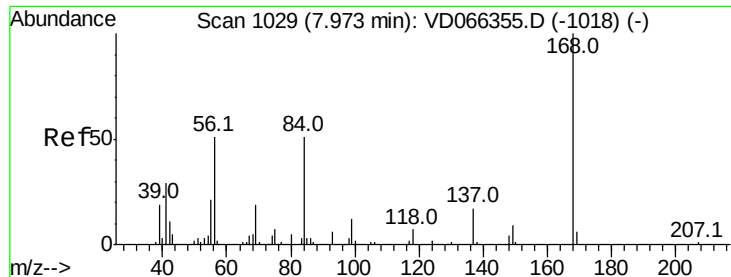
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 28 01:48:13 2020
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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: VD066436.D

Acq: 27 Aug 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

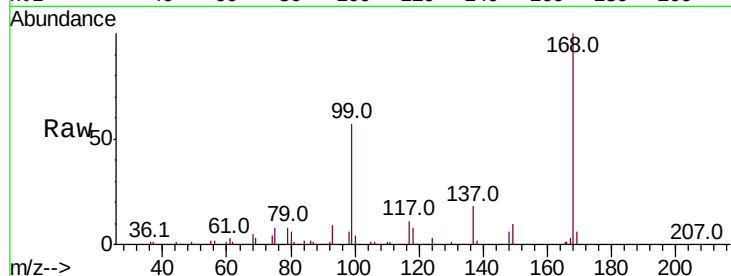
TP-14A-D2

Tot Ion:168 Resp: 196218

Ion Ratio Lower Upper

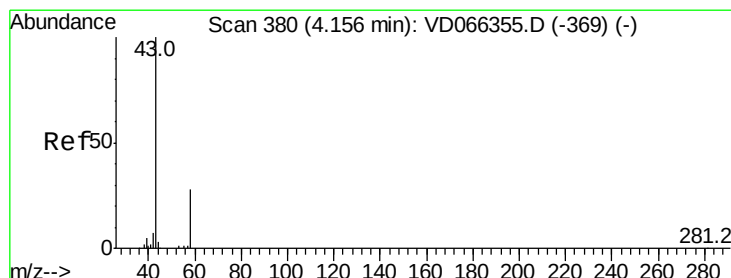
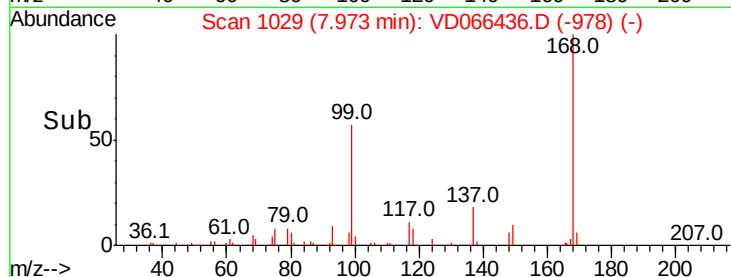
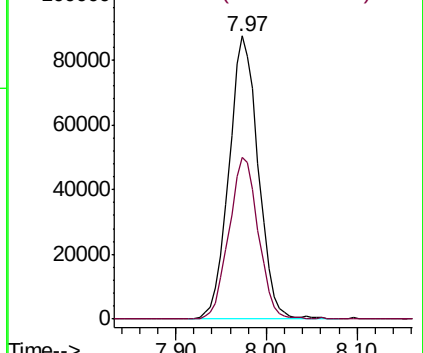
168 100

99 57.2 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 4.216 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066436.D

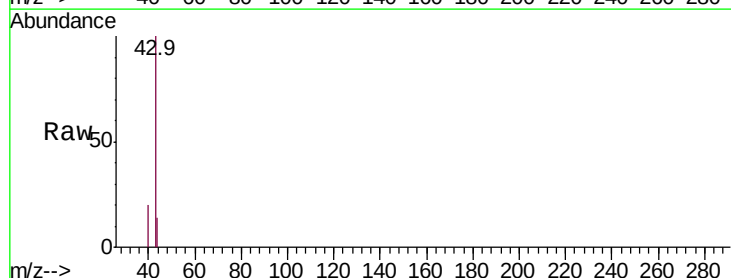
Acq: 27 Aug 2020 14:56

Tgt Ion: 43 Resp: 1462

Ion Ratio Lower Upper

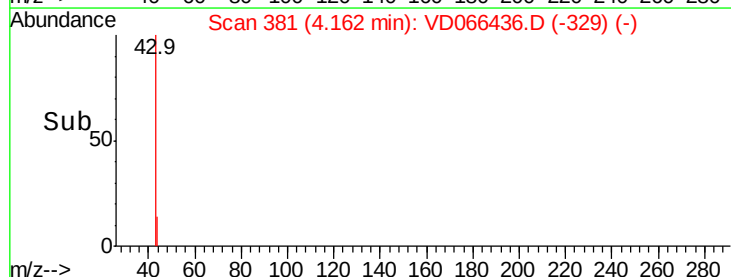
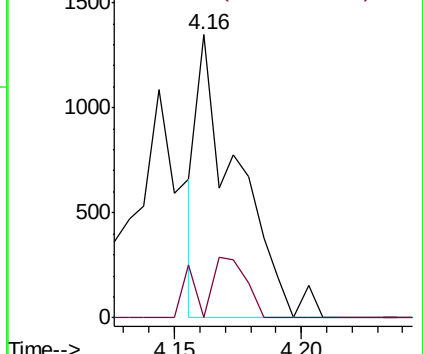
43 100

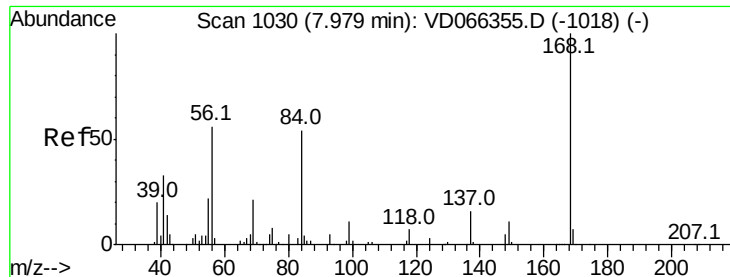
58 0.0 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

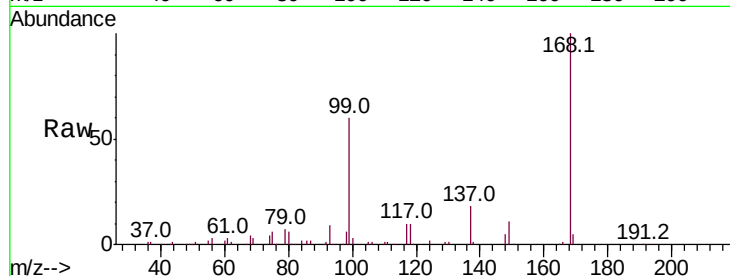




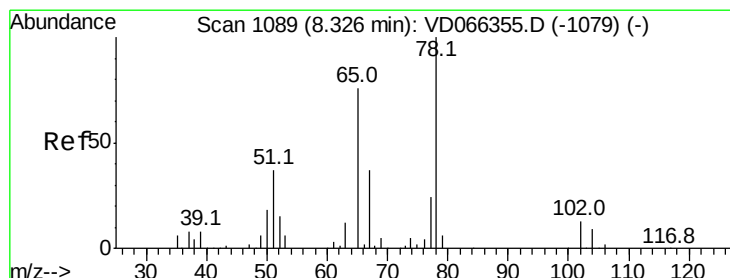
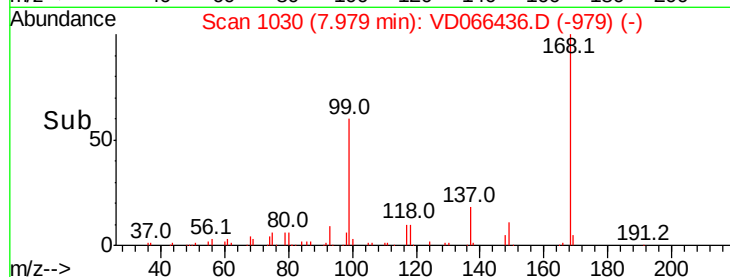
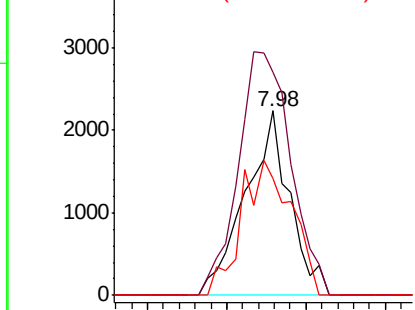
#31
Cyclohexane
Concen: 1.626 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066436.D
Acq: 27 Aug 2020 14:56

Instrument :
MSVOA_D
ClientSampleID :
TP-14A-D2

Tot Ion: 56 Resp: 4343
Ion Ratio Lower Upper
56 100
69 121.2 29.6 44.4#
84 63.2 76.6 115.0#

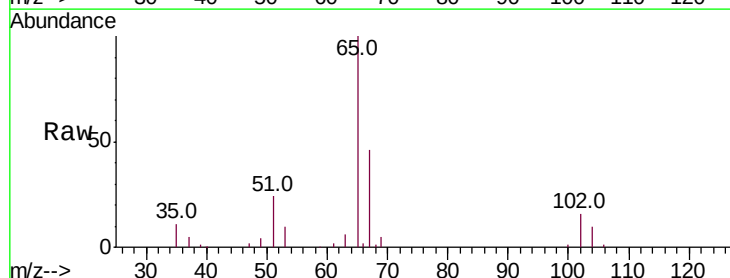


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

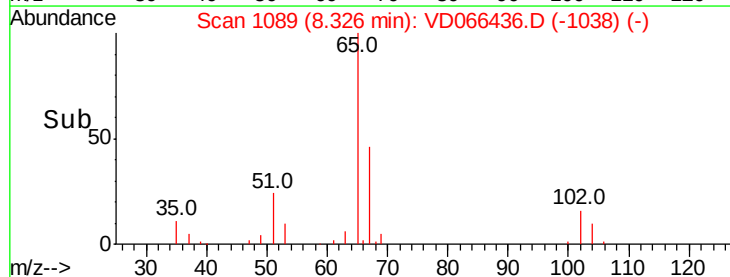
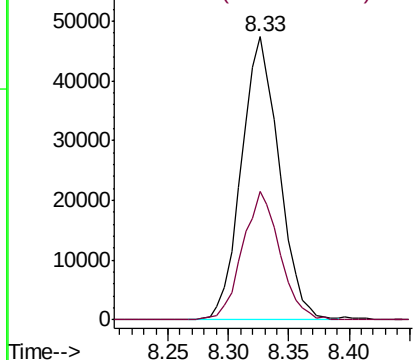


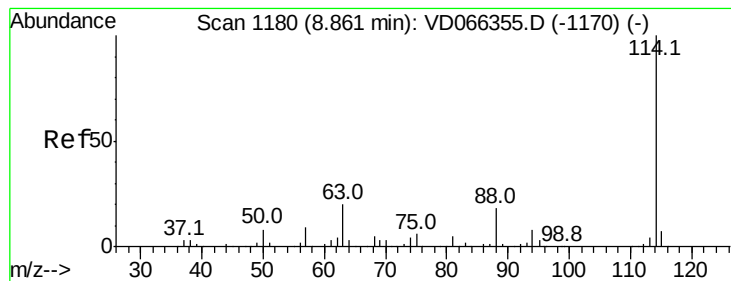
#33
1,2-Dichloroethane-d4
Concen: 53.526 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066436.D
Acq: 27 Aug 2020 14:56

Tgt Ion: 65 Resp: 102969
Ion Ratio Lower Upper
65 100
67 44.8 0.0 101.6



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: VD066436.D

Acq: 27 Aug 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

TP-14A-D2

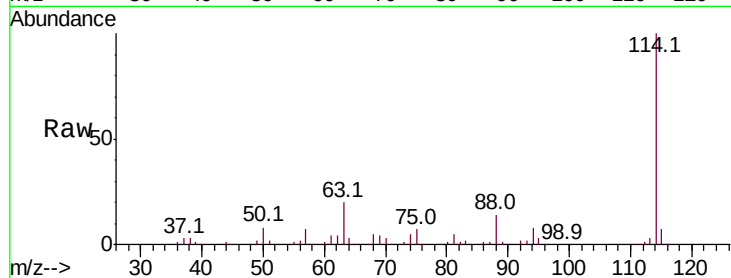
Tot Ion:114 Resp: 279060

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

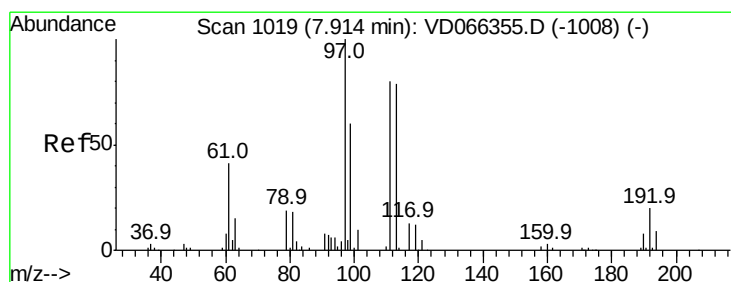
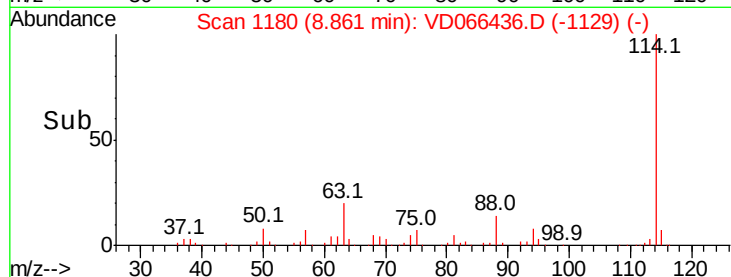
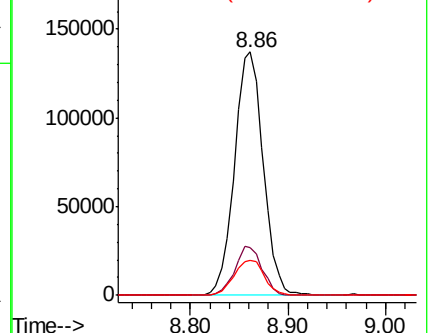
88 14.2 0.0 35.4



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: 48.193 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066436.D

Acq: 27 Aug 2020 14:56

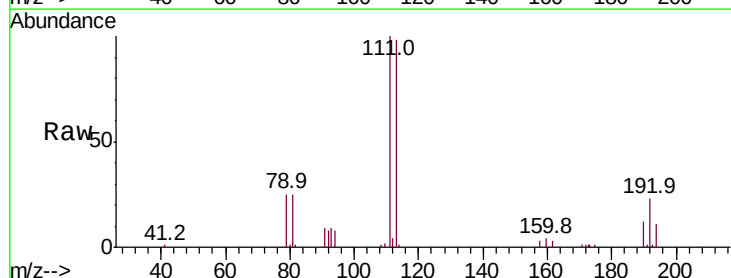
Tgt Ion:113 Resp: 84096

Ion Ratio Lower Upper

113 100

111 102.6 80.3 120.5

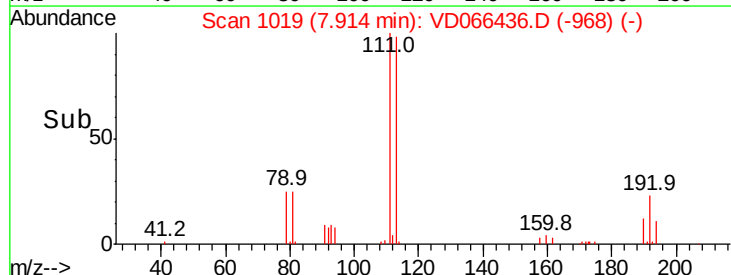
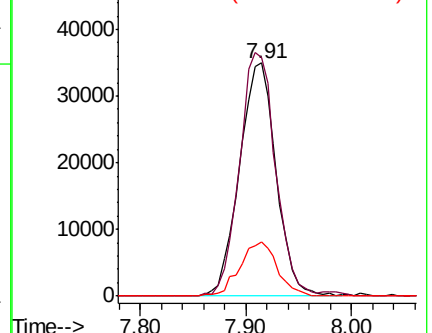
192 23.7 19.0 28.6

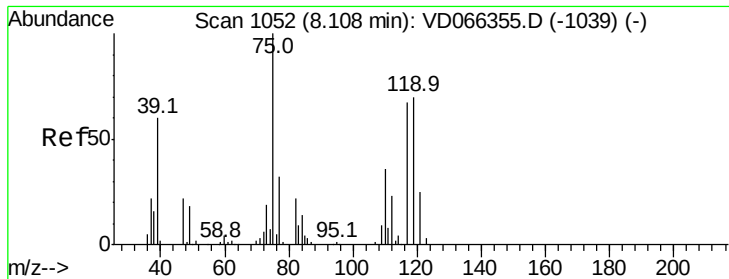


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.060 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066436.D

Acq: 27 Aug 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

TP-14A-D2

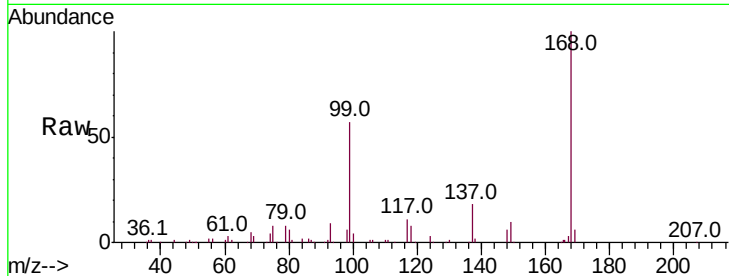
Tot Ion: 75 Resp: 12885

Ion Ratio Lower Upper

75 100

110 15.5 18.7 56.1#

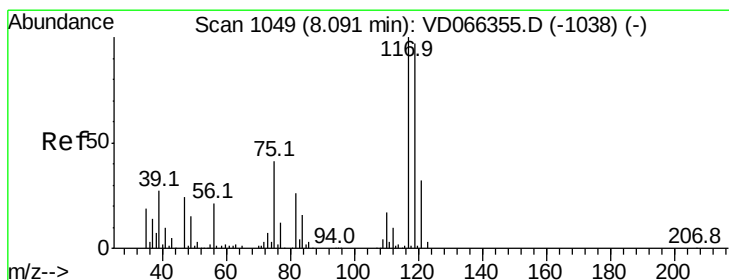
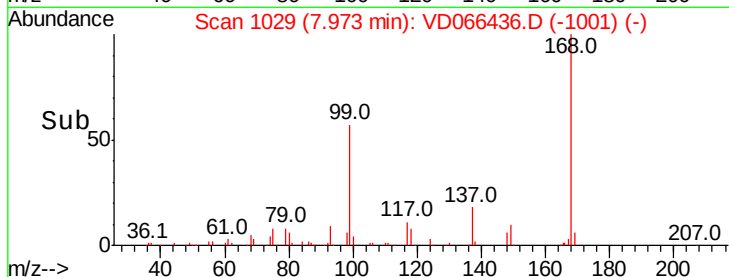
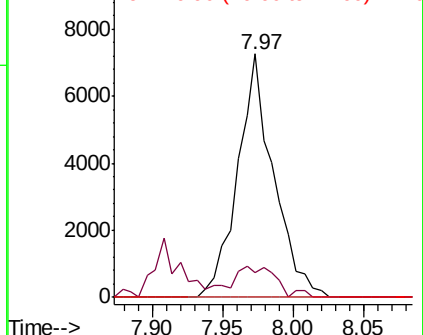
77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#38

Carbon Tetrachloride

Concen: 5.898 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066436.D

Acq: 27 Aug 2020 14:56

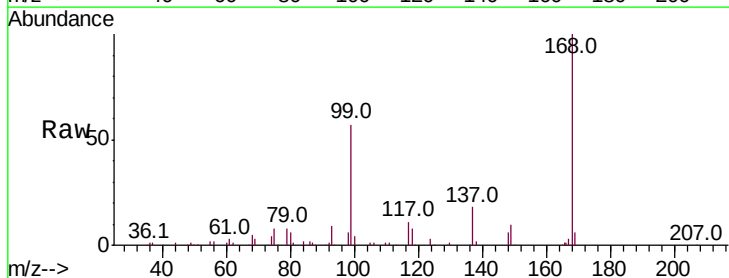
Tgt Ion: 117 Resp: 19566

Ion Ratio Lower Upper

117 100

119 4.5 77.2 115.8#

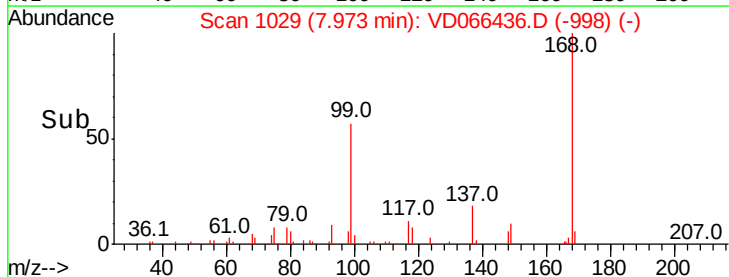
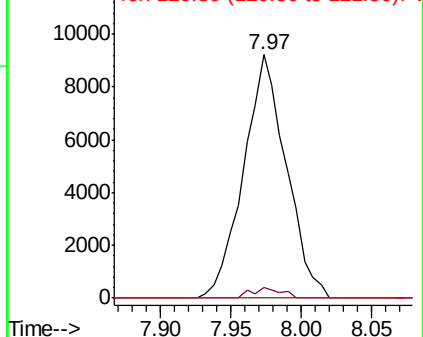
121 0.0 25.8 38.8#

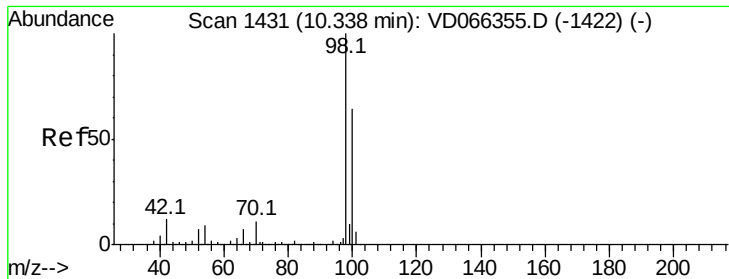


Abundance Ion 116.80 (116.50 to 117.50): VDC

Ion 118.80 (118.50 to 119.50): VDC

Ion 120.80 (120.50 to 121.50): VDC

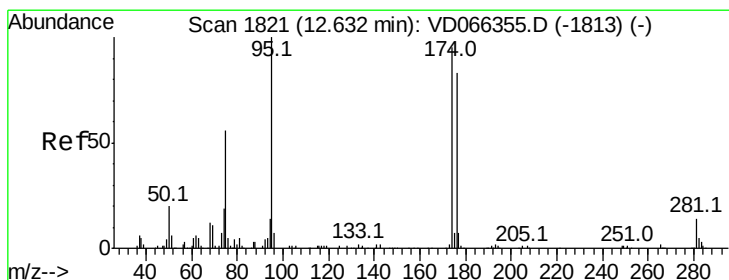
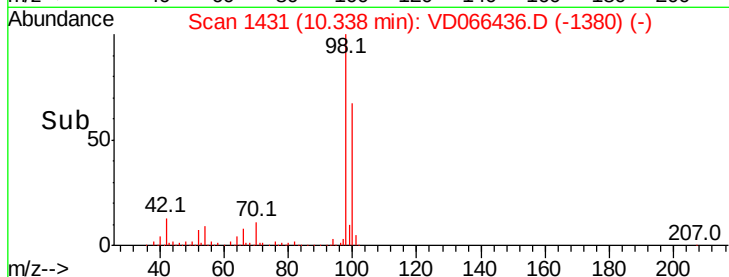
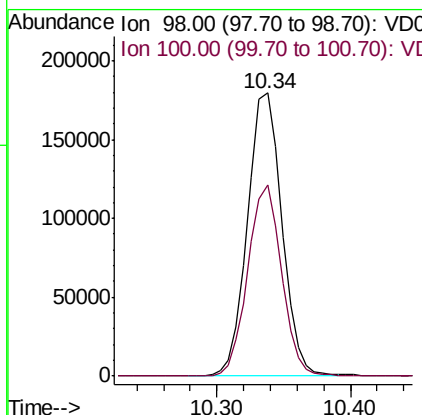
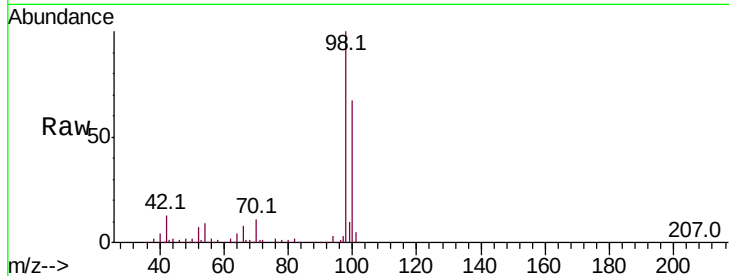




#50
Toluene-d8
Concen: 50.122 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066436.D
Acq: 27 Aug 2020 14:56

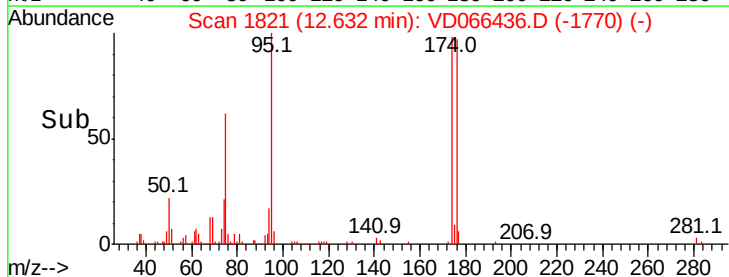
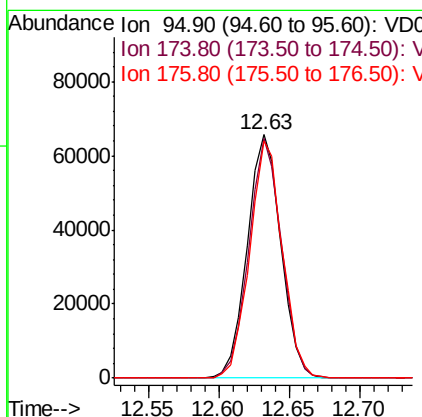
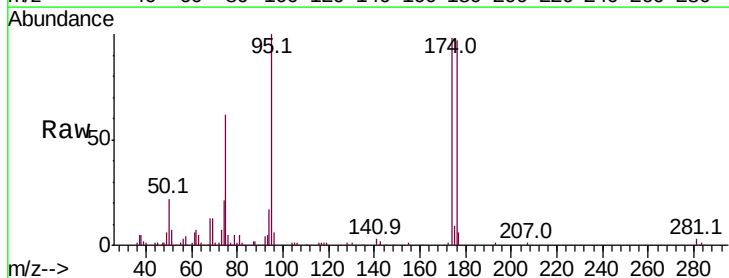
Instrument :
MSVOA_D
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TP-14A-D2

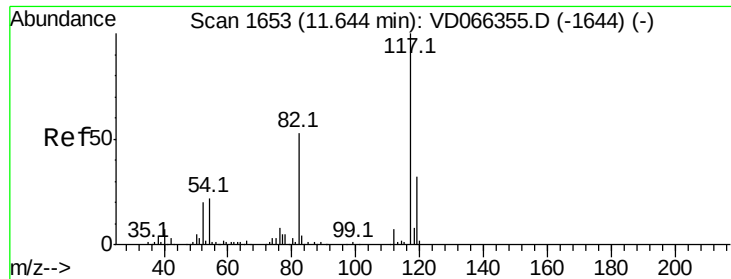
Tot Ion: 98 Resp: 320012
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.494 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066436.D
Acq: 27 Aug 2020 14:56

Tgt Ion: 95 Resp: 109865
Ion Ratio Lower Upper
95 100
174 96.4 0.0 183.4
176 94.7 0.0 173.8

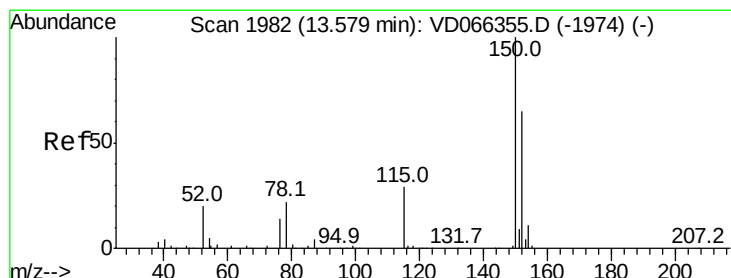
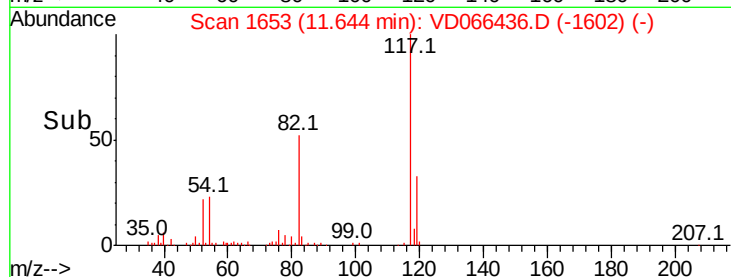
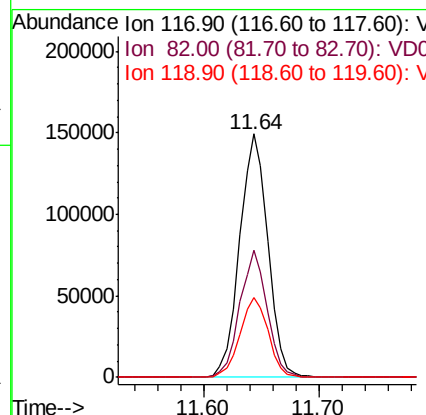
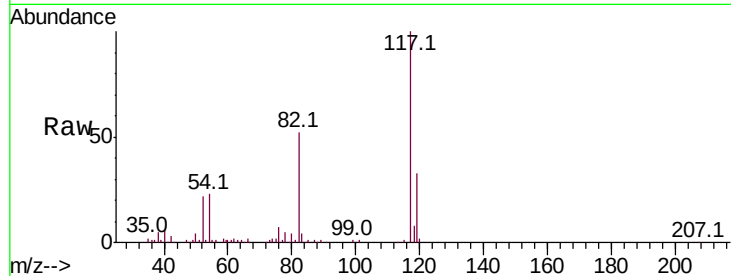




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066436.D
Acq: 27 Aug 2020 14:56

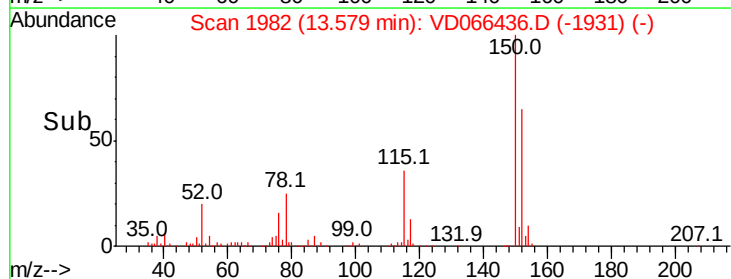
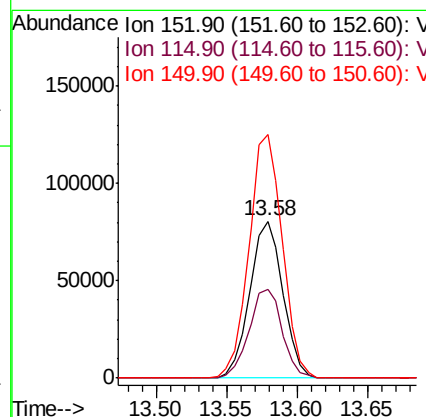
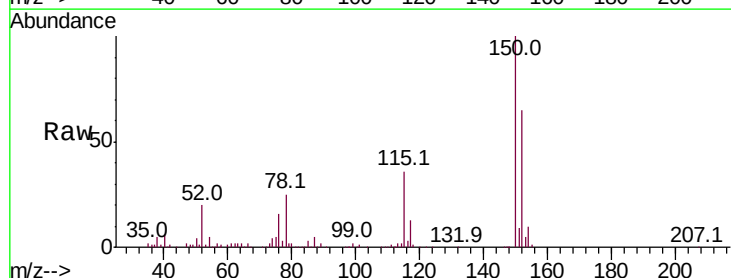
Instrument :
MSVOA_D
ClientSampleId :
TP-14A-D2

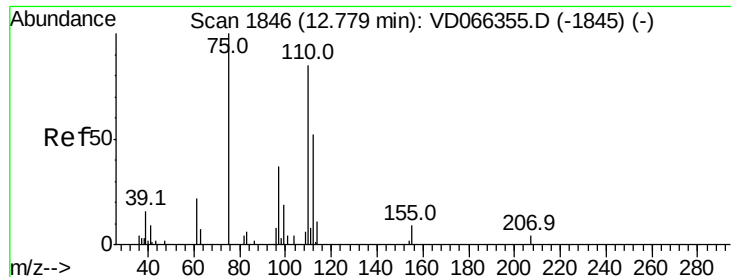
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.8	64.2
119	32.6	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066436.D
Acq: 27 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.3	85.0
150	155.9	0.0	343.2





#76

1,2,3-Trichloropropane

Concen: 71.023 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066436.D

Acq: 27 Aug 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

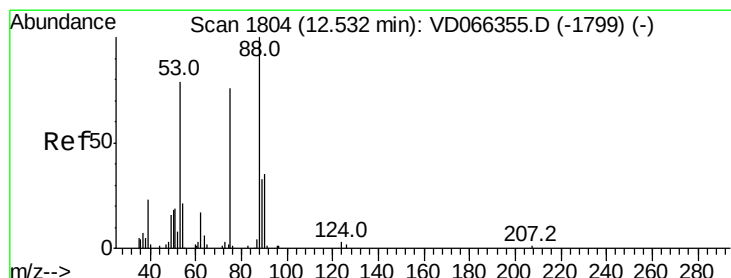
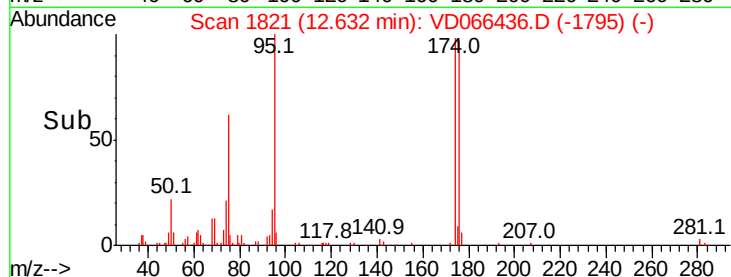
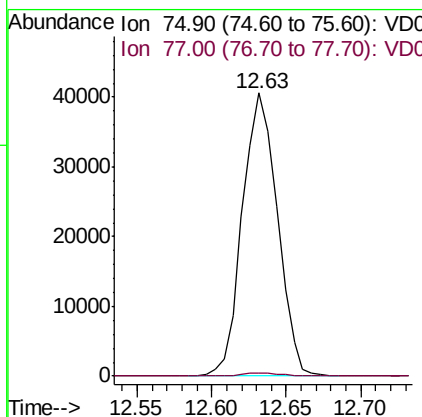
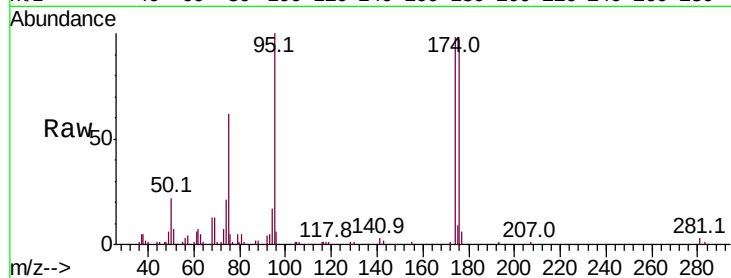
TP-14A-D2

Tot Ion: 75 Resp: 66150

Ion Ratio Lower Upper

75 100

77 1.2 182.9 548.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 150.758 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066436.D

Acq: 27 Aug 2020 14:56

Tgt Ion: 75 Resp: 66150

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.0 39.4 59.0#

