

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067556.D
 Acq On : 09 Nov 2020 10:41
 Operator : VA/SY
 Sample : VD1109SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 00:18:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

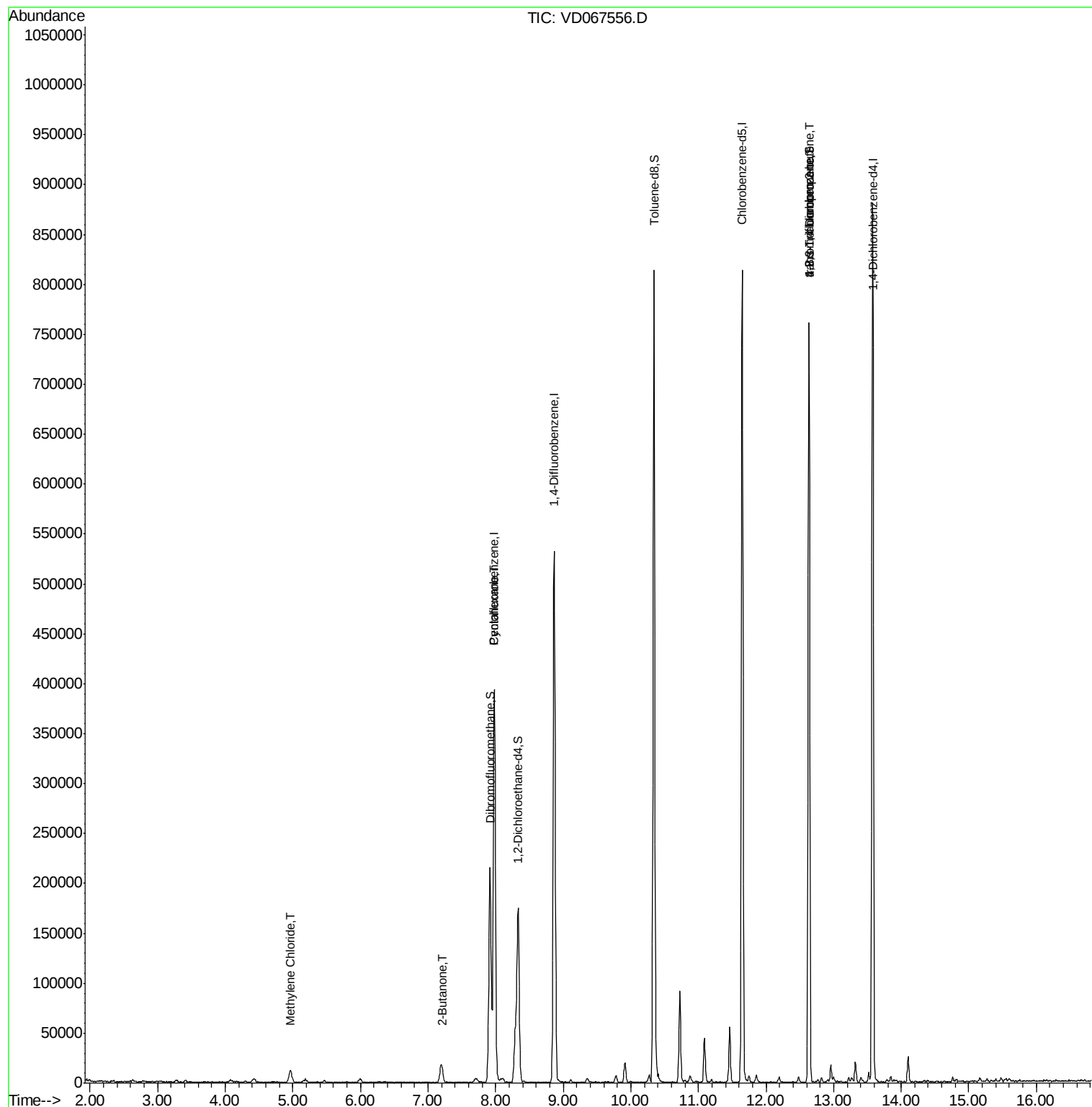
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	301227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	473957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	487974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	246739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	152137	57.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.52%	
35) Dibromofluoromethane	7.92	113	150852	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
50) Toluene-d8	10.34	98	559779	55.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.56%	
62) 4-Bromofluorobenzene	12.64	95	212509	61.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.68%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	1098	Below Cal	#	52
11) Tert butyl alcohol	5.24	59	318	Below Cal	#	79
20) Methylene Chloride	4.96	84	10386	3.730	ug/l #	85
25) 2-Butanone	7.22	43	997	2.367	ug/l #	42
31) Cyclohexane	7.98	56	7797	2.041	ug/l #	57
76) 1,2,3-Trichloropropane	12.64	75	113802	76.456	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	113802	155.225	ug/l #	10

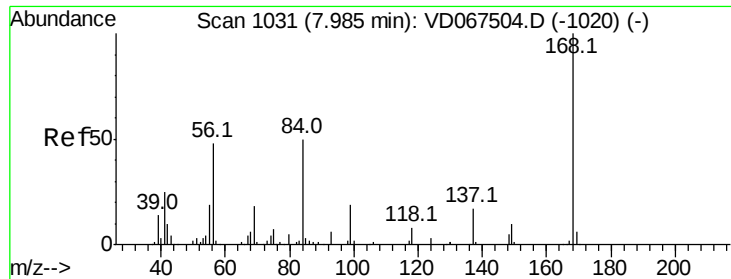
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110920\
Data File : VD067556.D
Acq On : 09 Nov 2020 10:41
Operator : VA/SY
Sample : VD1109SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 10 00:18:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067556.D

Acq: 09 Nov 2020 10:41

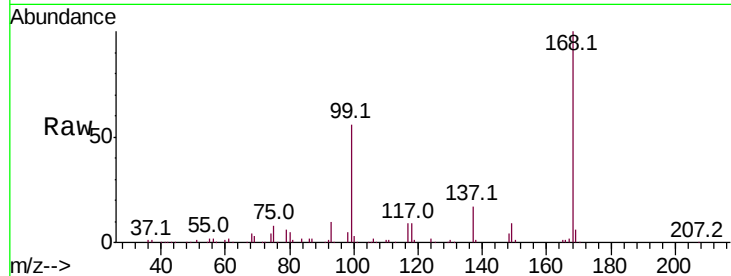
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 301227

Ion Ratio Lower Upper

168 100

99 55.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

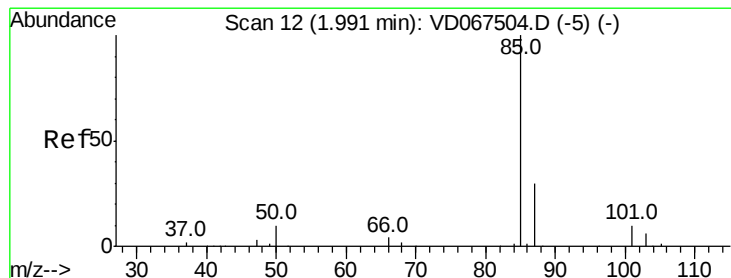
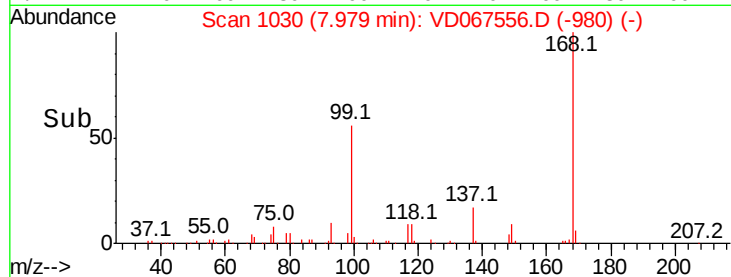
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067556.D

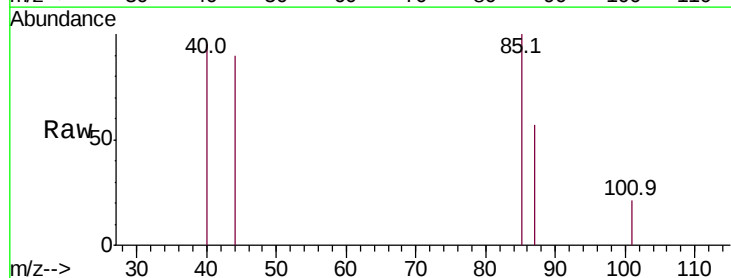
Acq: 09 Nov 2020 10:41

Tgt Ion: 85 Resp: 1098

Ion Ratio Lower Upper

85 100

87 57.0 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

1000

800

600

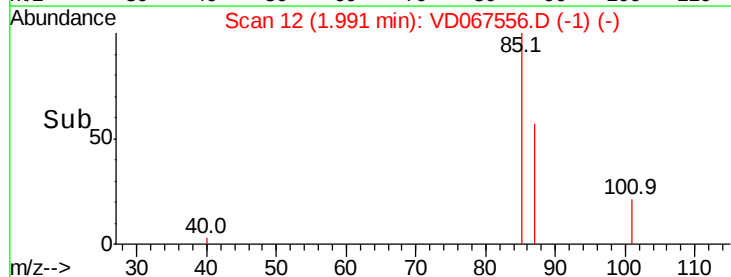
400

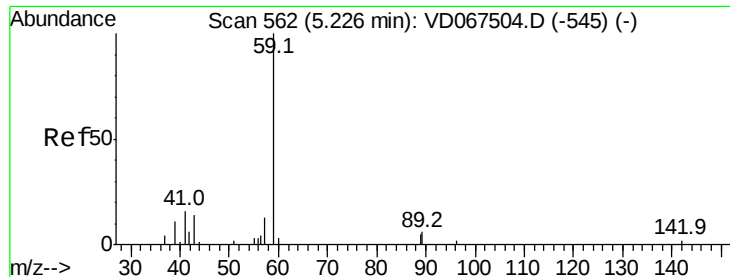
200

0

Time-->

1.94 1.96 1.98 2.00 2.02



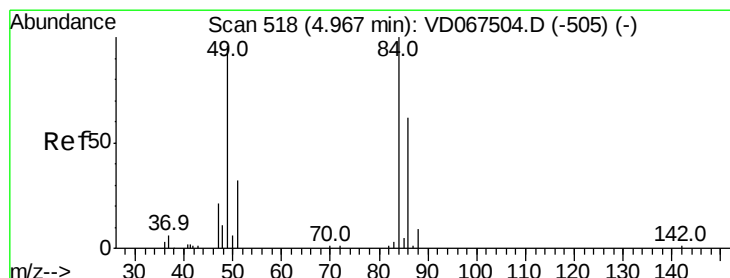
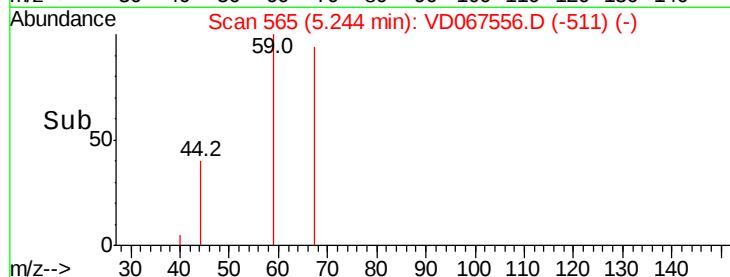
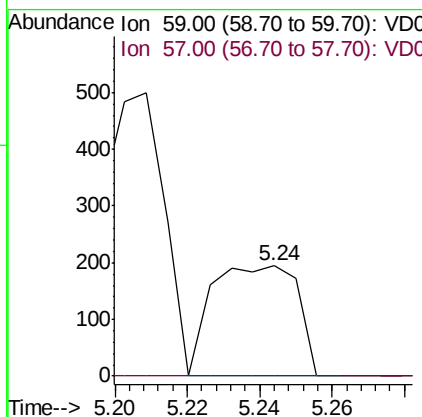
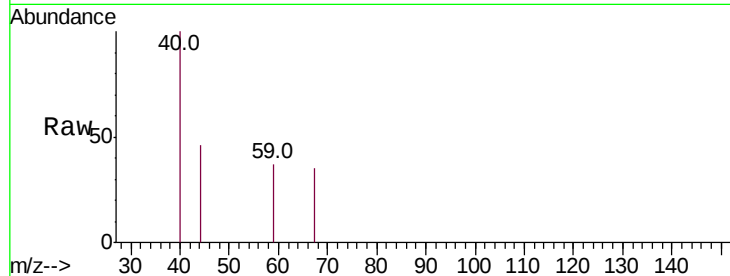


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.24 min Scan# 565
 Delta R.T. 0.02 min
 Lab File: VD067556.D
 Acq: 09 Nov 2020 10:41

Instrument :
 MSVOA_D
 ClientSampled :

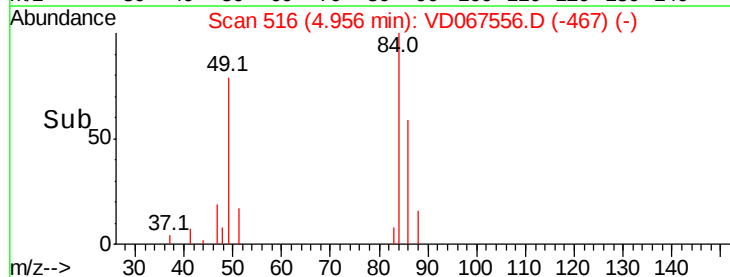
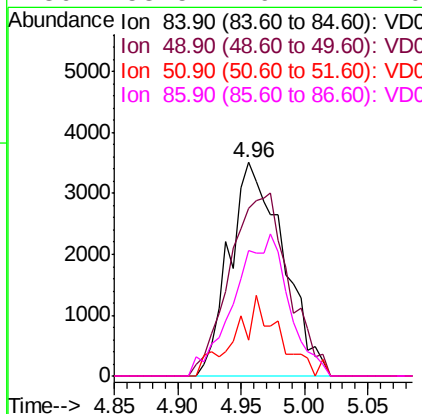
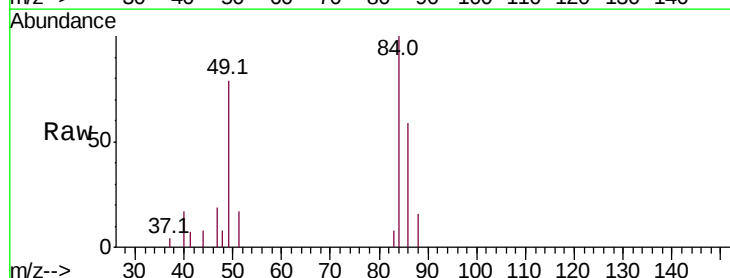
Tot Ion: 59 Resp: 318
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.9 8.9#

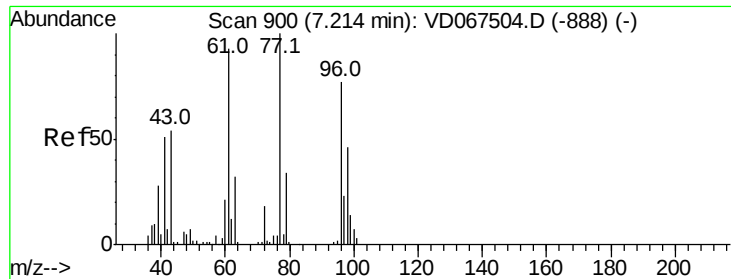


#20

Methylene Chloride
 Concen: 3.730 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: VD067556.D
 Acq: 09 Nov 2020 10:41

Tgt Ion: 84 Resp: 10386
 Ion Ratio Lower Upper
 84 100
 49 78.7 77.0 115.4
 51 17.0 25.4 38.2#
 86 58.5 49.4 74.0





#25

2-Butanone

Concen: 2.367 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067556.D

Acq: 09 Nov 2020 10:41

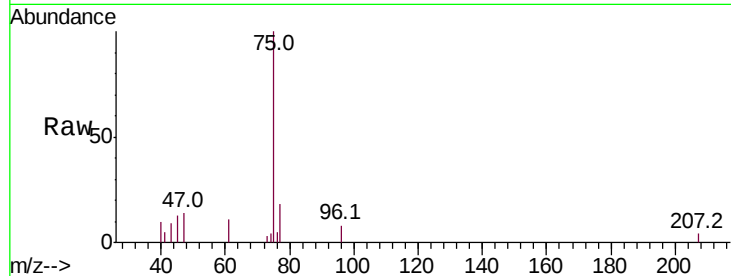
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 997

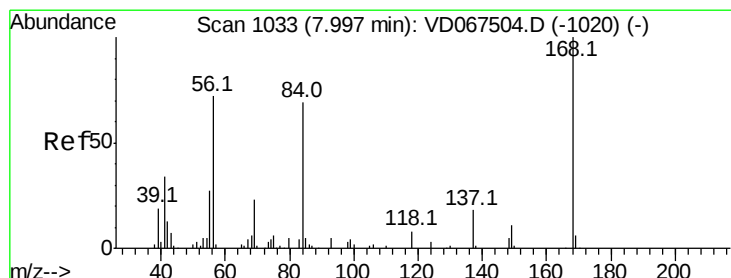
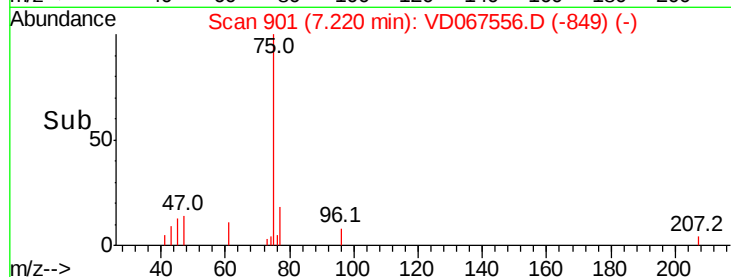
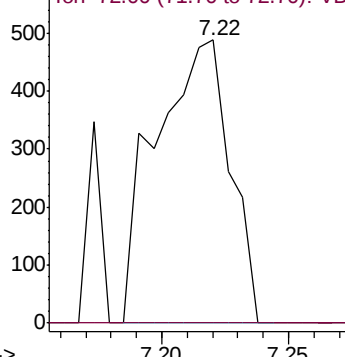
Ion Ratio Lower Upper

43 100

72 0.0 26.4 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 2.041 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.02 min

Lab File: VD067556.D

Acq: 09 Nov 2020 10:41

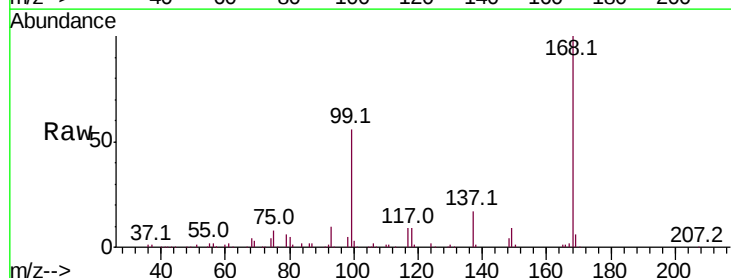
Tgt Ion: 56 Resp: 7797

Ion Ratio Lower Upper

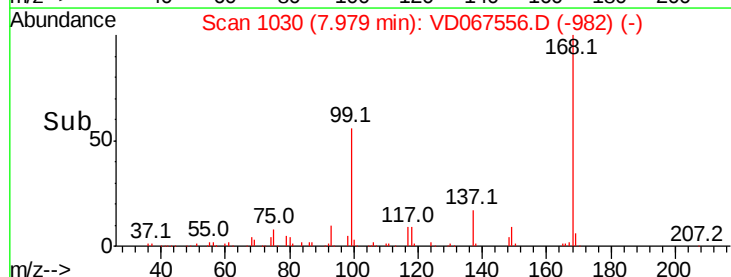
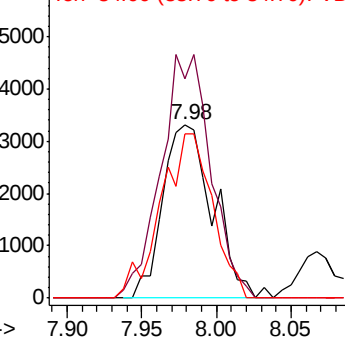
56 100

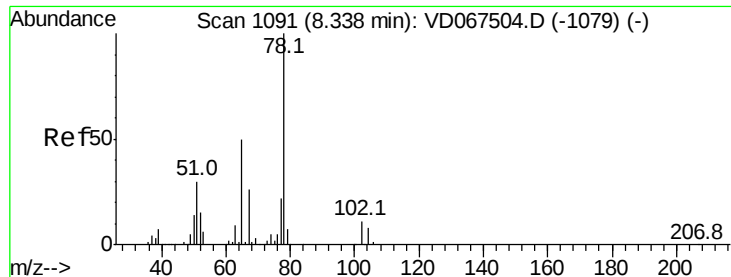
69 126.5 25.9 38.9#

84 94.3 76.2 114.4



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: 57.761 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067556.D

Acq: 09 Nov 2020 10:41

Instrument :

MSVOA_D

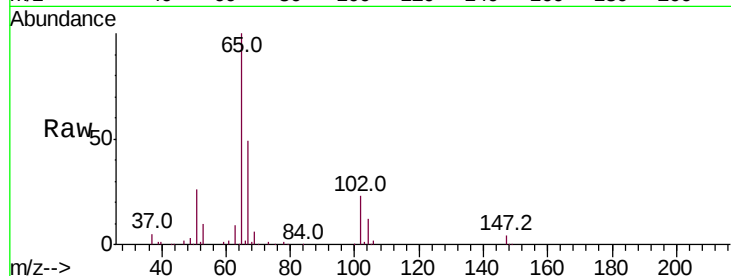
ClientSampleId :

Tot Ion: 65 Resp: 152137

Ion Ratio Lower Upper

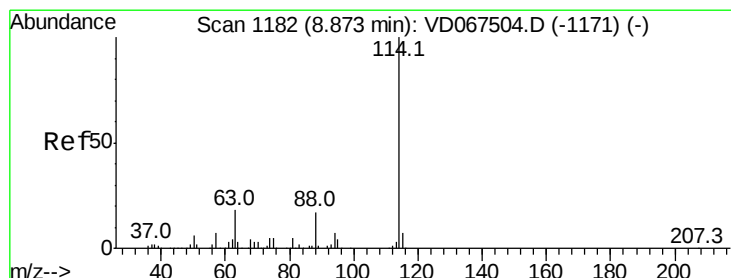
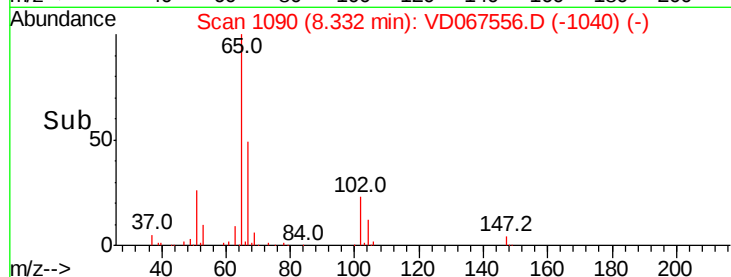
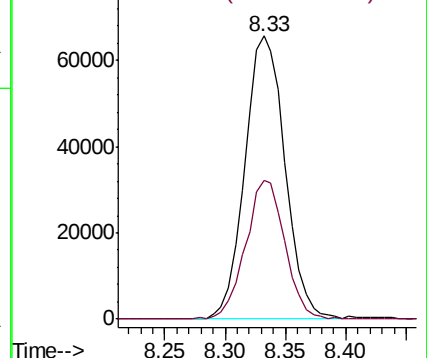
65 100

67 48.2 0.0 99.4



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: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067556.D

Acq: 09 Nov 2020 10:41

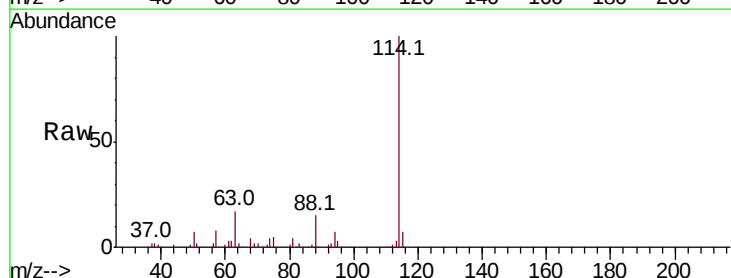
Tgt Ion: 114 Resp: 473957

Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

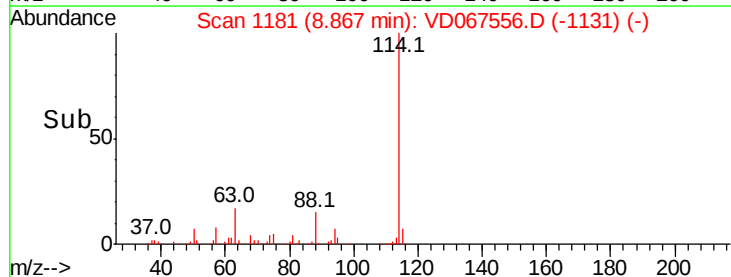
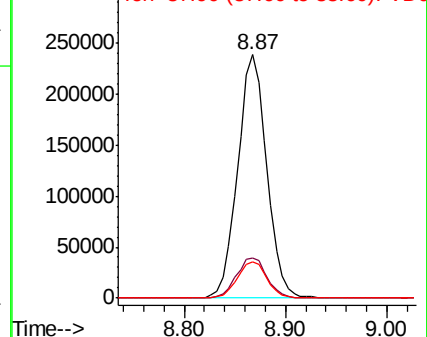
88 14.9 0.0 33.0

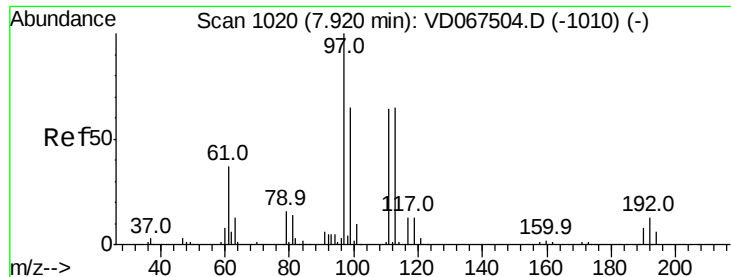


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

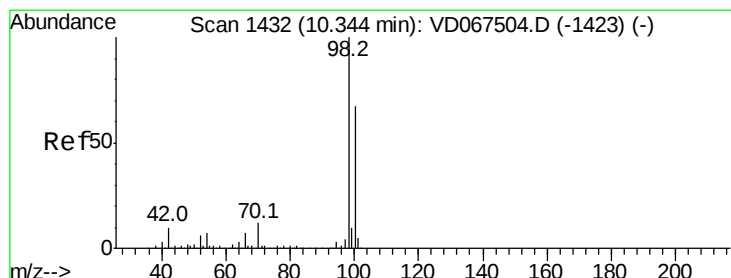
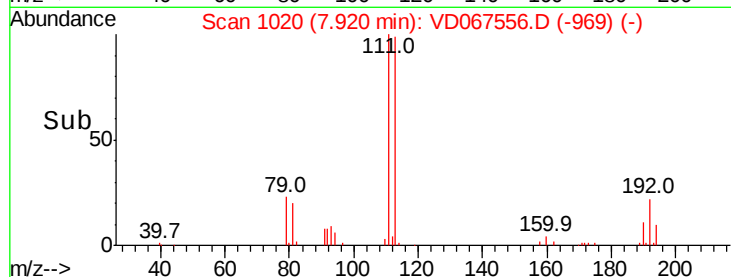
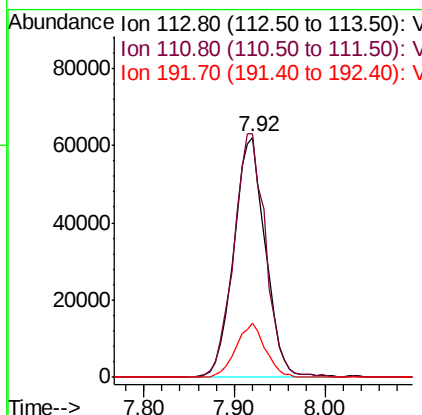
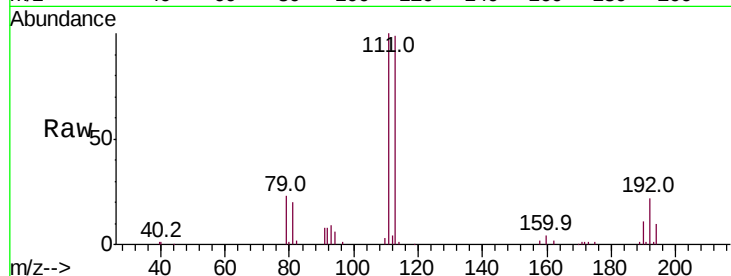




#35
 Dibromofluoromethane
 Concen: 52.827 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067556.D
 Acq: 09 Nov 2020 10:41

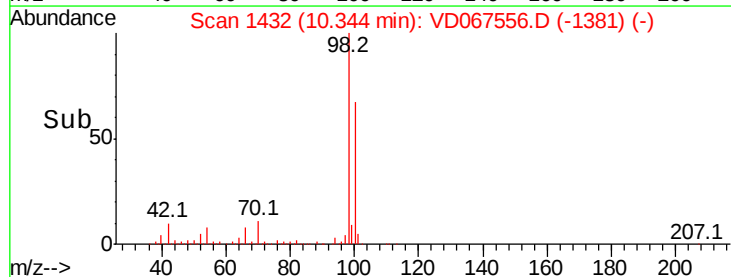
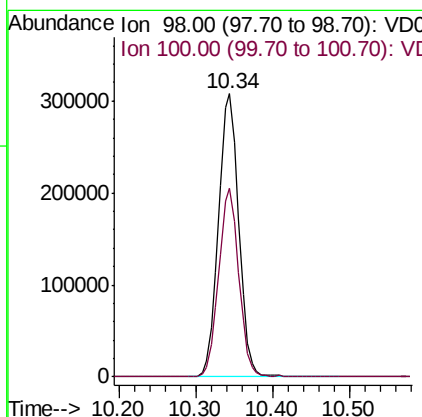
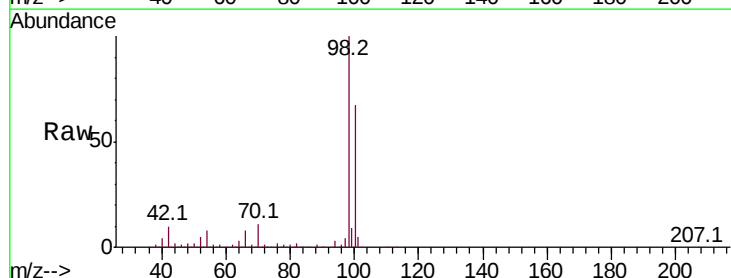
Instrument :
 MSVOA_D
 ClientSampleId :

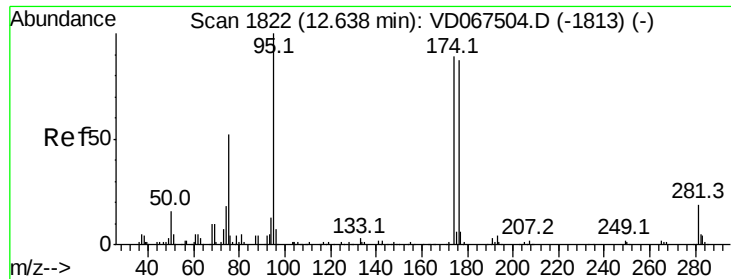
Tot Ion:113 Resp: 150852
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.0 120.0
 192 21.0 16.3 24.5



#50
 Toluene-d8
 Concen: 55.782 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067556.D
 Acq: 09 Nov 2020 10:41

Tgt Ion: 98 Resp: 559779
 Ion Ratio Lower Upper
 98 100
 100 65.7 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 61.337 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067556.D

Acq: 09 Nov 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

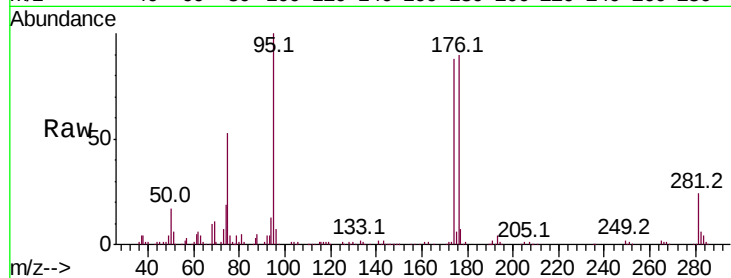
Tot Ion: 95 Resp: 212509

Ion Ratio Lower Upper

95 100

174 89.2 0.0 177.8

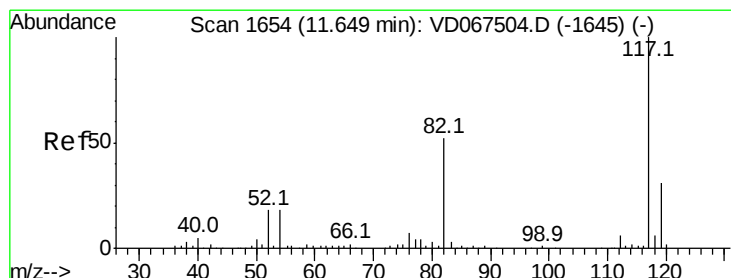
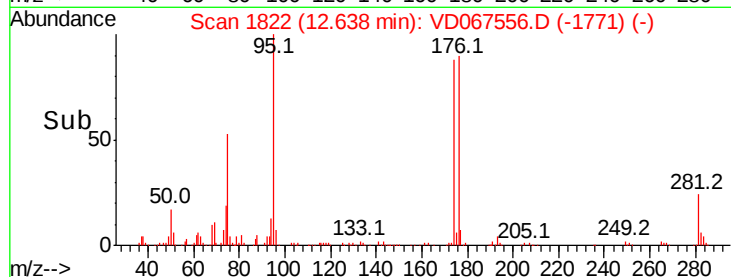
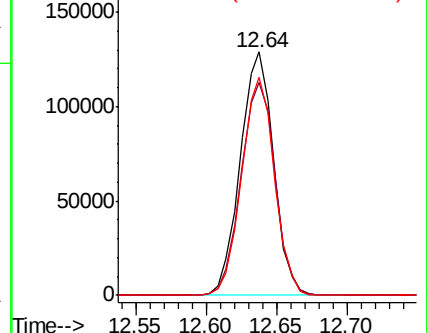
176 88.2 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): V

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: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067556.D

Acq: 09 Nov 2020 10:41

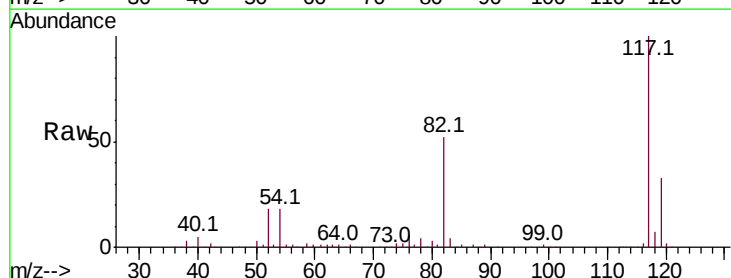
Tgt Ion: 117 Resp: 487974

Ion Ratio Lower Upper

117 100

82 52.4 41.6 62.4

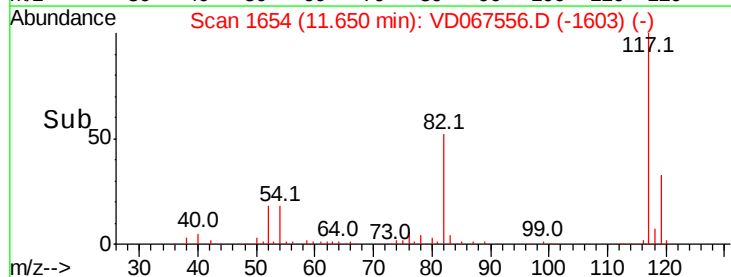
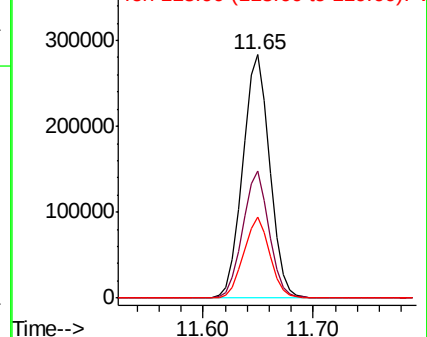
119 33.5 25.1 37.7

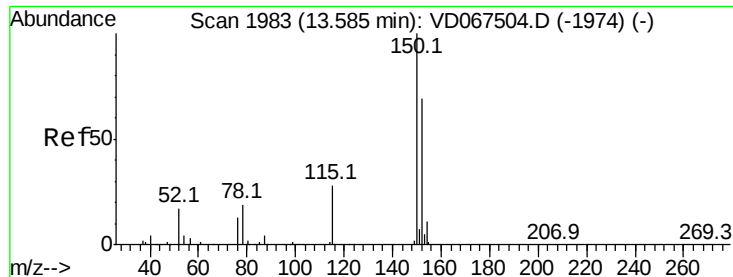


Abundance Ion 116.90 (116.60 to 117.60): V

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. -0.01 min

Lab File: VD067556.D

Acq: 09 Nov 2020 10:41

Instrument :

MSVOA_D

ClientSampled :

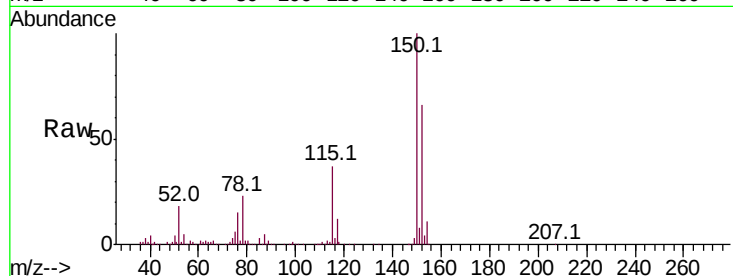
Tot Ion:152 Resp: 246739

Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

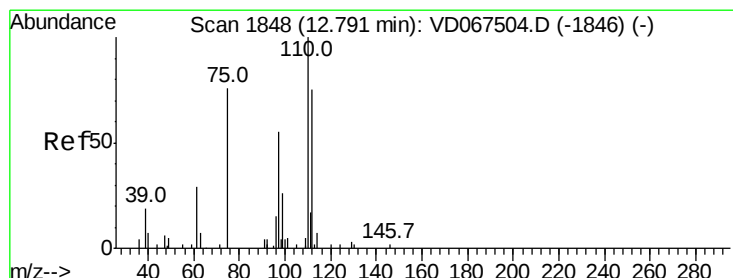
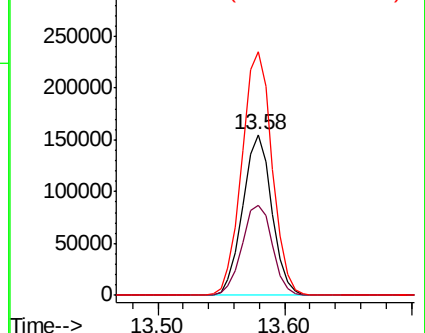
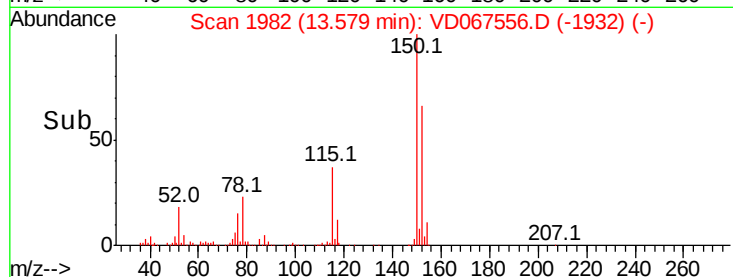
150 157.4 0.0 338.2



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: 76.456 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067556.D

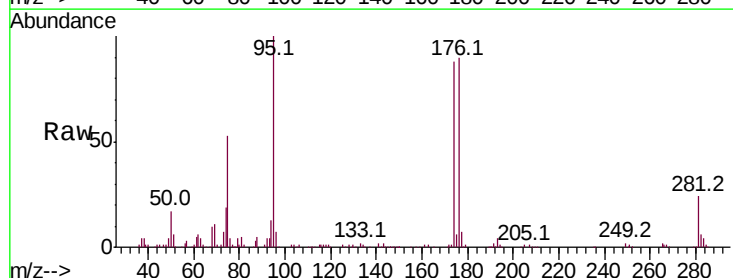
Acq: 09 Nov 2020 10:41

Tgt Ion: 75 Resp: 113802

Ion Ratio Lower Upper

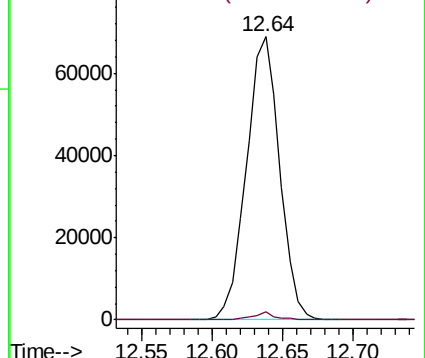
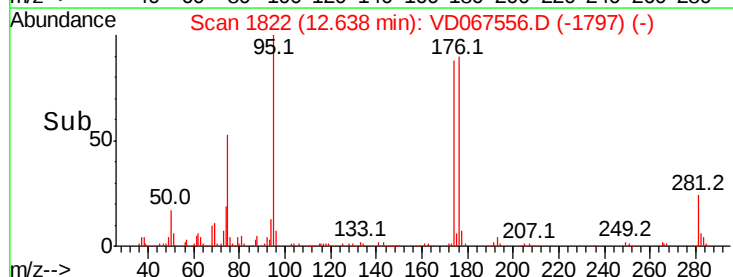
75 100

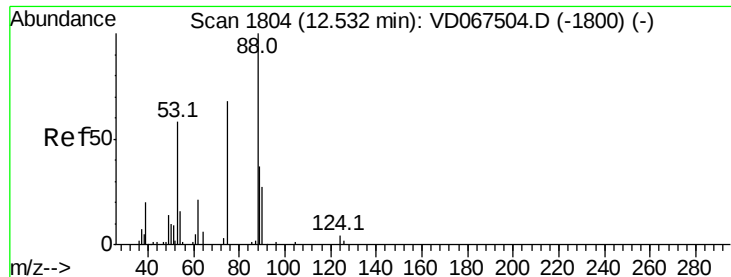
77 1.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 155.225 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067556.D

Acq: 09 Nov 2020 10:41

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 113802

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#

