

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067655.D
 Acq On : 17 Nov 2020 11:54
 Operator : VA/SY
 Sample : L4768-01
 Misc : 7.27G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-111620

Quant Time: Nov 17 23:57:38 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

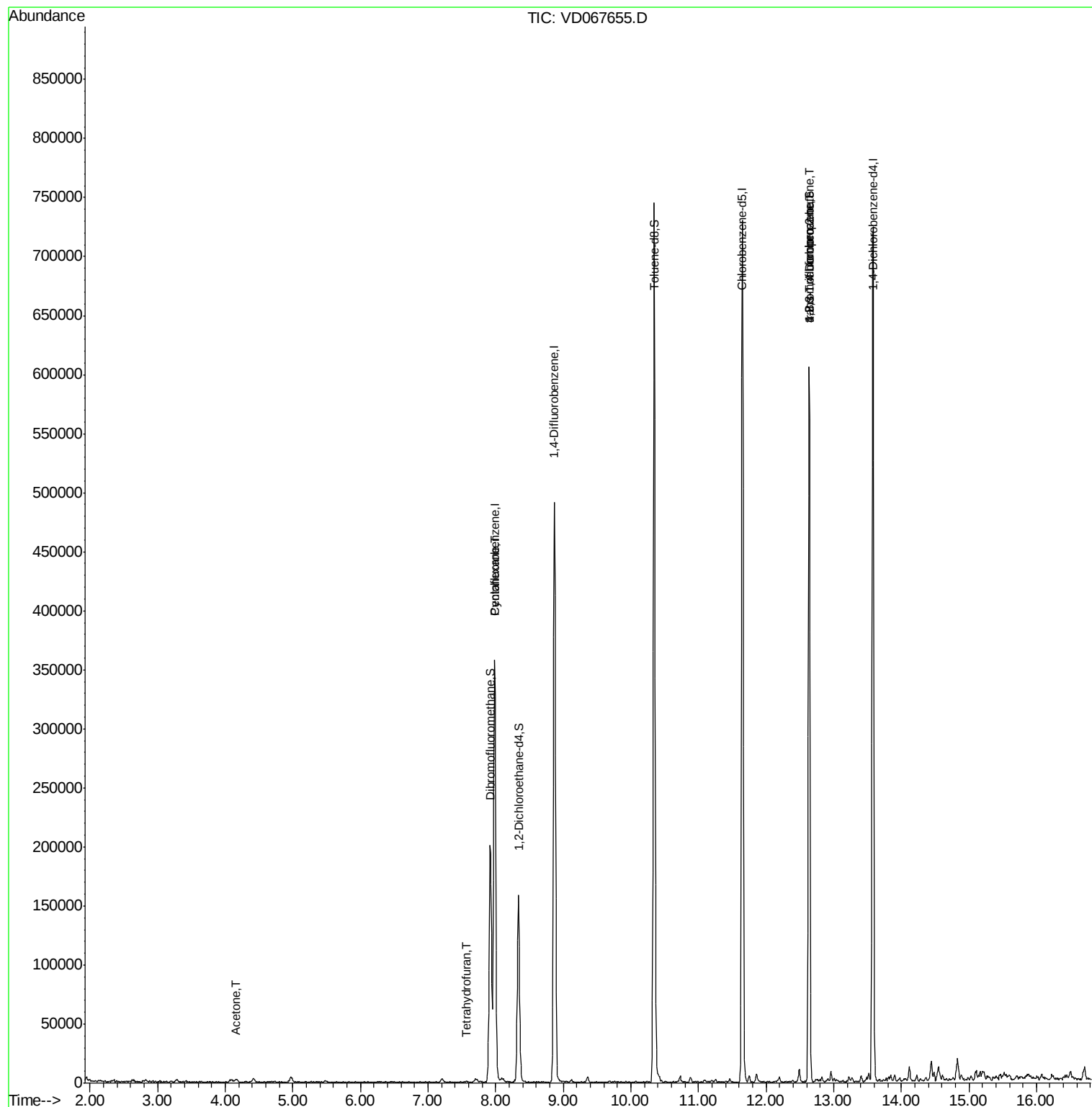
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	270977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	448003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	447516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	204305	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	138073	58.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.54%	
35) Dibromofluoromethane	7.92	113	143113	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
50) Toluene-d8	10.34	98	529050	55.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.54%	
62) 4-Bromofluorobenzene	12.64	95	192161	58.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.36%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	1014	Below Cal		92
11) Tert butyl alcohol	5.23	59	161	Below Cal	#	79
16) Acetone	4.16	43	4952	13.966	ug/l	100
29) Tetrahydrofuran	7.58	42	710	3.129	ug/l #	59
31) Cyclohexane	7.99	56	5959	1.734	ug/l #	25
76) 1,2,3-Trichloropropane	12.64	75	98806	80.168	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	98806	162.763	ug/l #	10

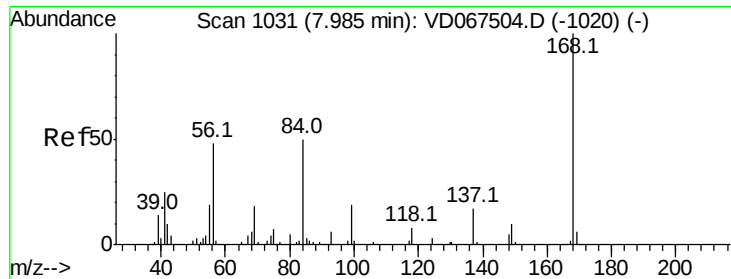
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111720\
Data File : VD067655.D
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Operator : VA/SY
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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# 1031

Delta R.T. -0.00 min

Lab File: VD067655.D

Acq: 17 Nov 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

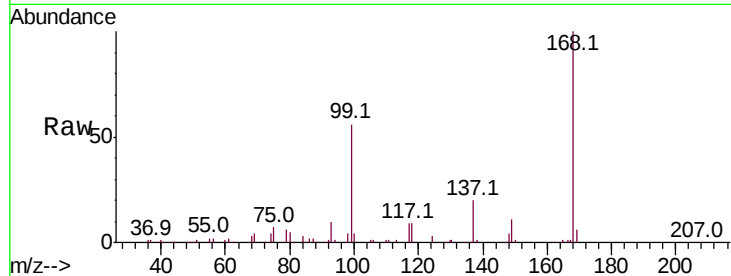
TR-05-111620

Tot Ion:168 Resp: 270977

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

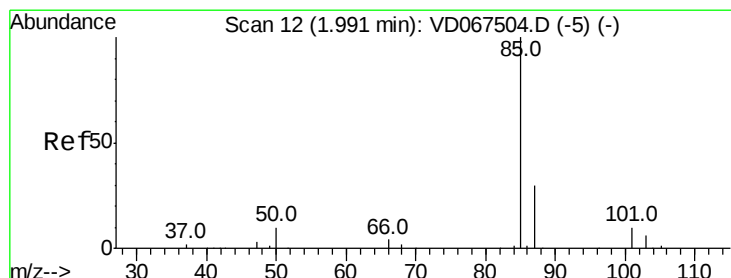
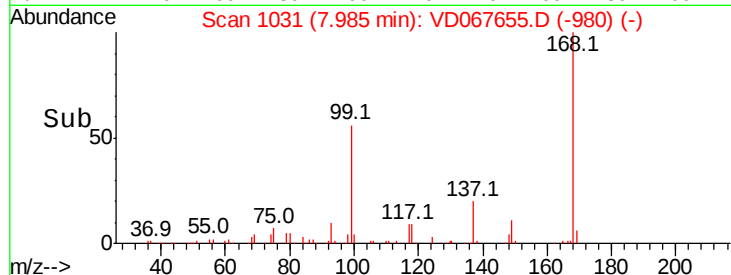
100000

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: VD067655.D

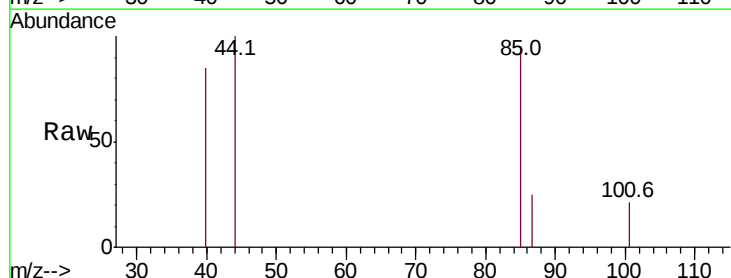
Acq: 17 Nov 2020 11:54

Tgt Ion: 85 Resp: 1014

Ion Ratio Lower Upper

85 100

87 26.2 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

1200

1000

800

600

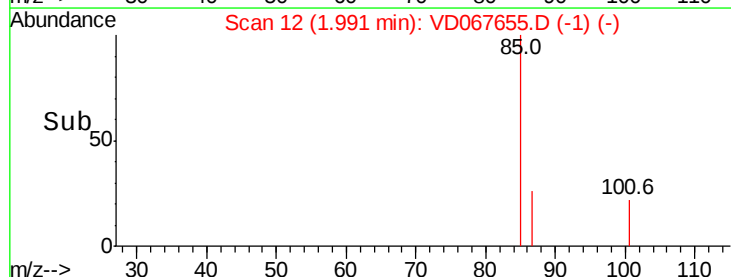
400

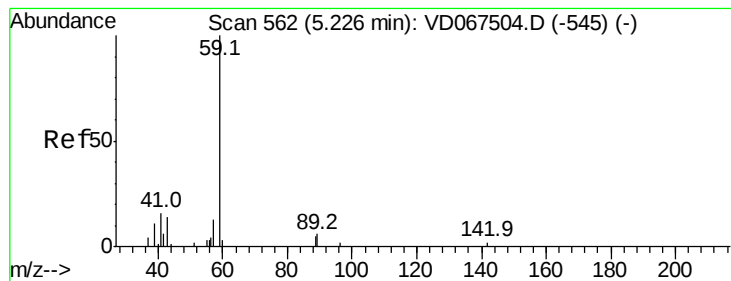
200

0

Time-->

1.96 1.98 2.00 2.02



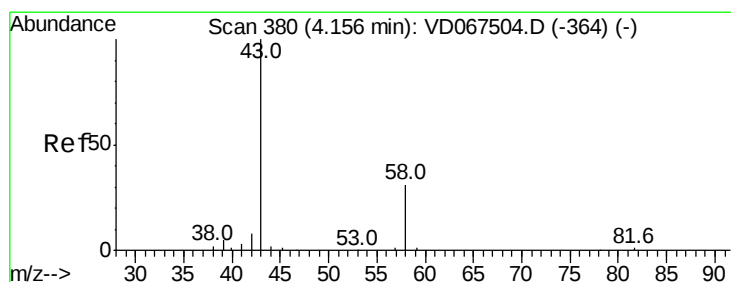
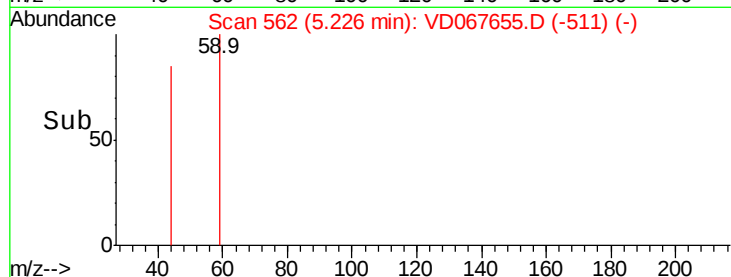
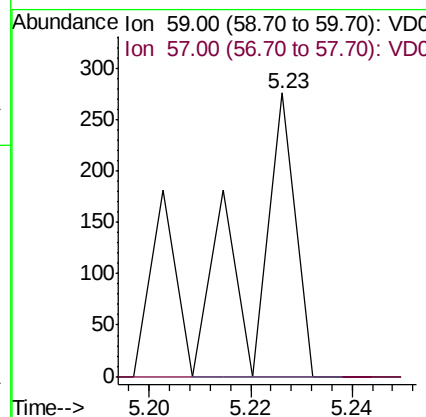
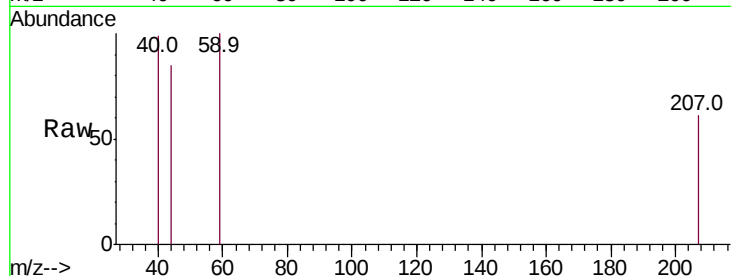


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.23 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VD067655.D
 Acq: 17 Nov 2020 11:54

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-111620

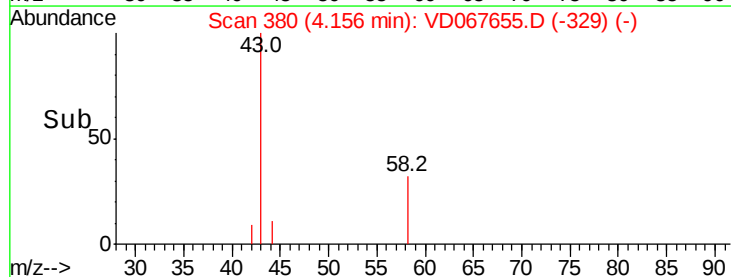
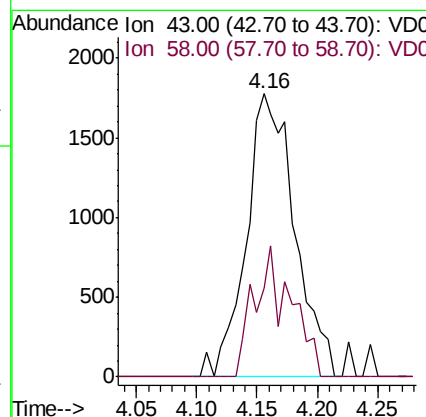
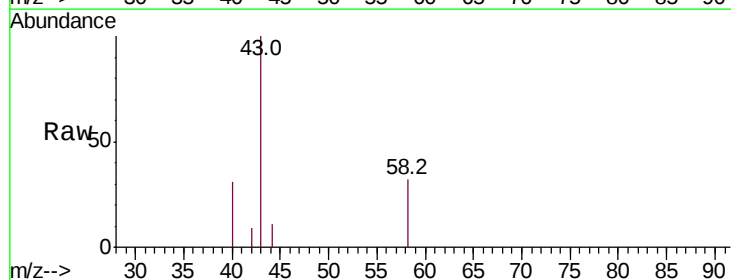
Tot Ion: 59 Resp: 161
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.9 8.9#

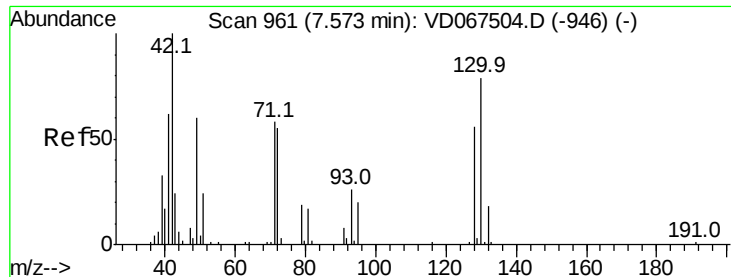


#16

Acetone
 Concen: 13.966 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VD067655.D
 Acq: 17 Nov 2020 11:54

Tgt Ion: 43 Resp: 4952
 Ion Ratio Lower Upper
 43 100
 58 31.5 25.2 37.8





#29

Tetrahydrofuran

Concen: 3.129 ug/l

RT: 7.58 min Scan# 962

Delta R.T. 0.01 min

Lab File: VD067655.D

Acq: 17 Nov 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

TR-05-111620

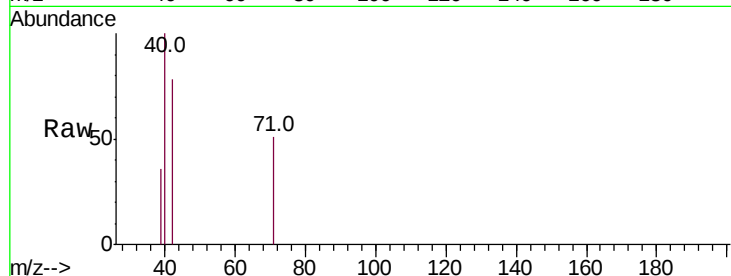
Tot Ion: 42 Resp: 710

Ion Ratio Lower Upper

42 100

72 17.7 46.3 69.5#

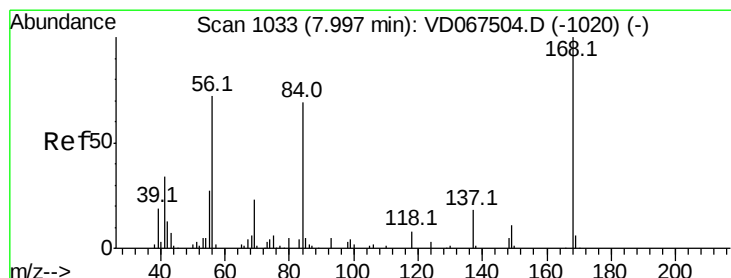
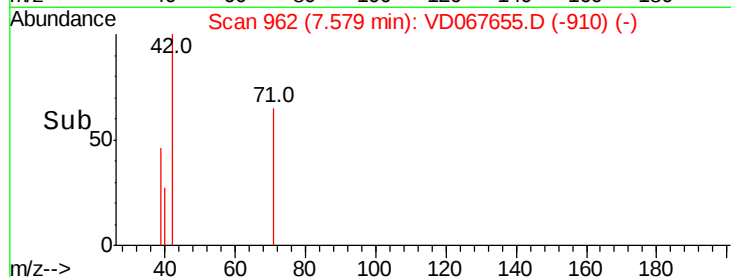
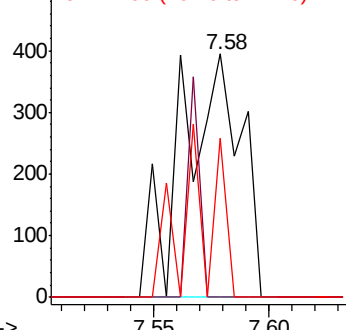
71 36.1 44.0 66.0#



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#31

Cyclohexane

Concen: 1.734 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VD067655.D

Acq: 17 Nov 2020 11:54

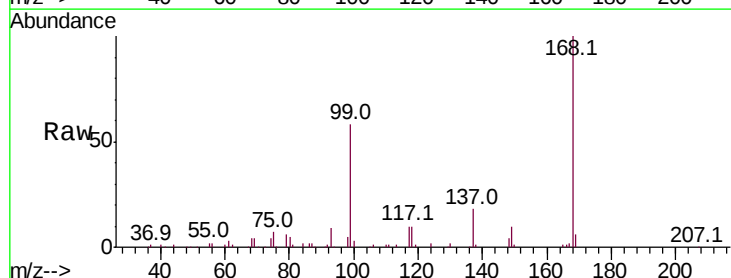
Tgt Ion: 56 Resp: 5959

Ion Ratio Lower Upper

56 100

69 173.1 25.9 38.9#

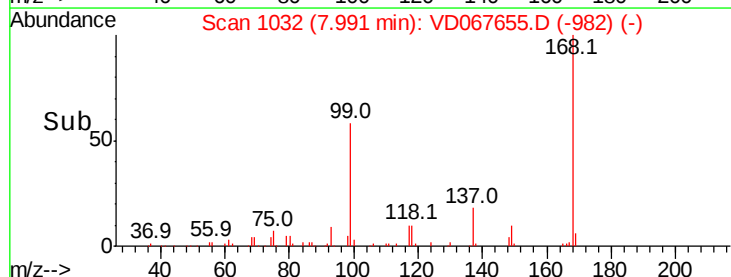
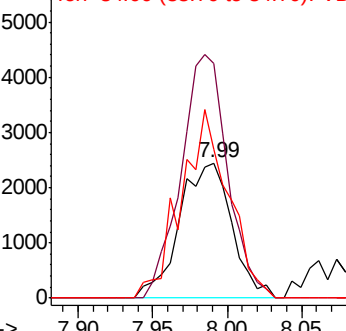
84 109.7 76.2 114.4

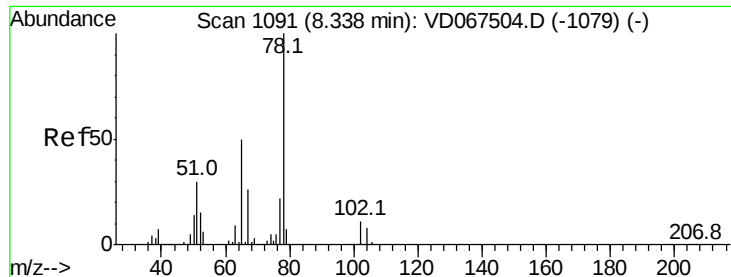


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 58.274 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067655.D

Acq: 17 Nov 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

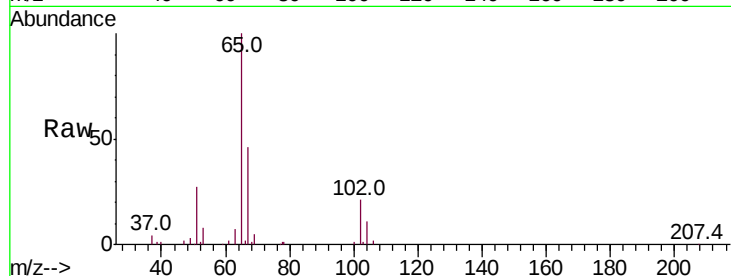
TR-05-111620

Tot Ion: 65 Resp: 138073

Ion Ratio Lower Upper

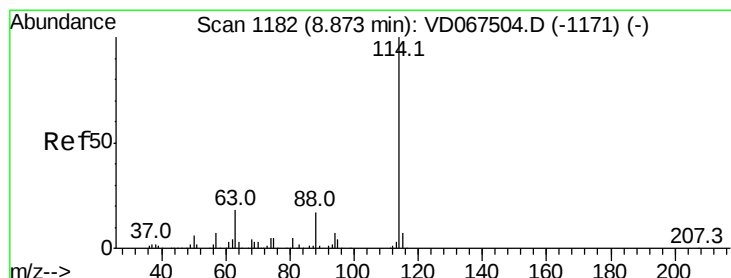
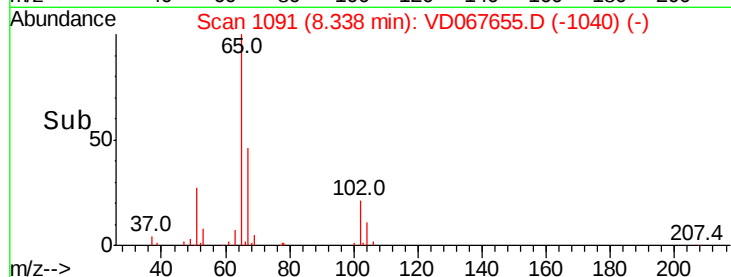
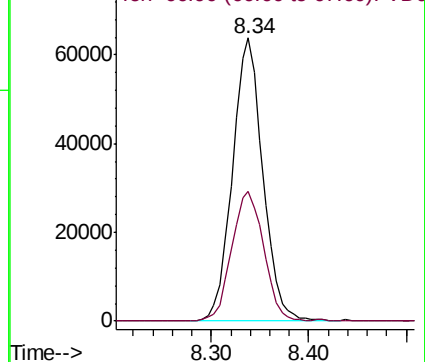
65 100

67 48.5 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# 1182

Delta R.T. -0.00 min

Lab File: VD067655.D

Acq: 17 Nov 2020 11:54

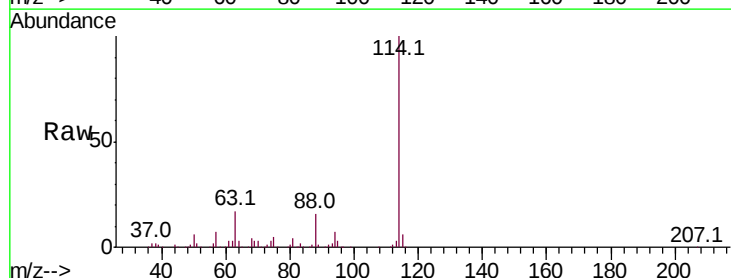
Tgt Ion: 114 Resp: 448003

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

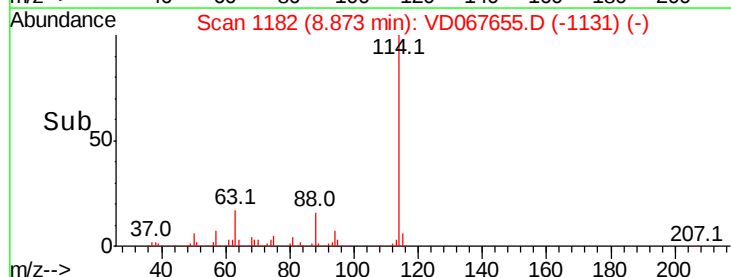
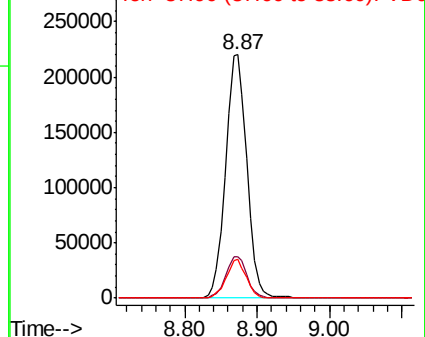
88 15.9 0.0 33.0

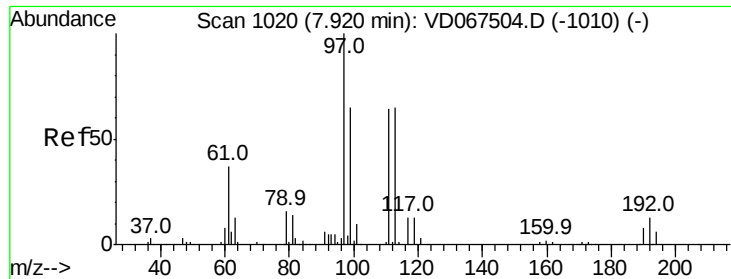


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

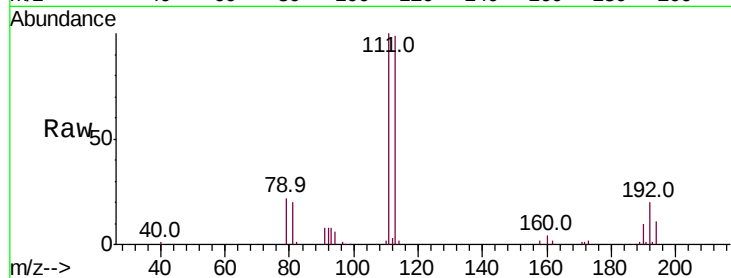




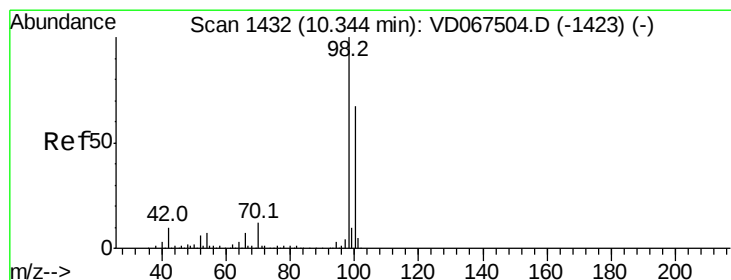
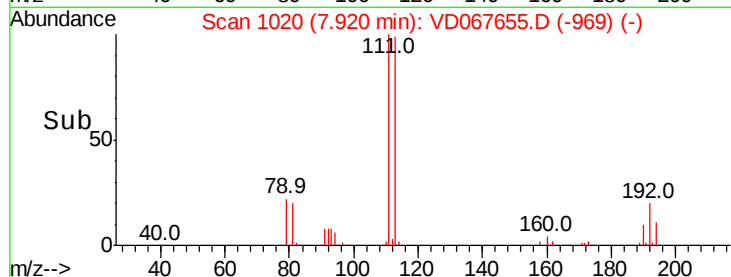
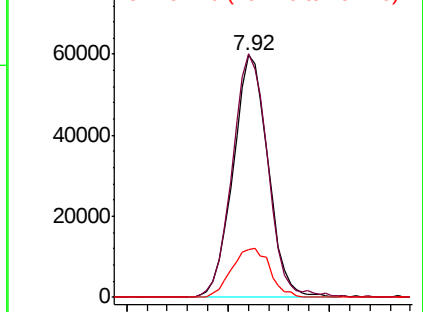
#35
 Dibromofluoromethane
 Concen: 53.020 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067655.D
 Acq: 17 Nov 2020 11:54

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-111620

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.0	120.0
192	22.0	16.3	24.5

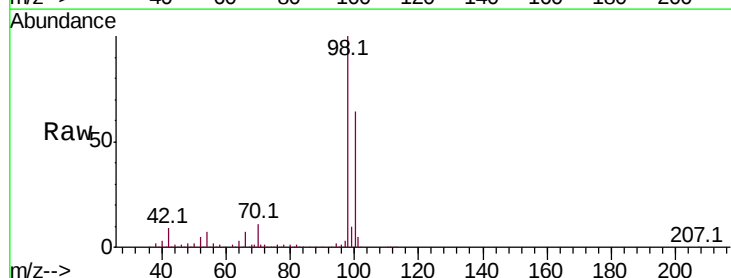


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

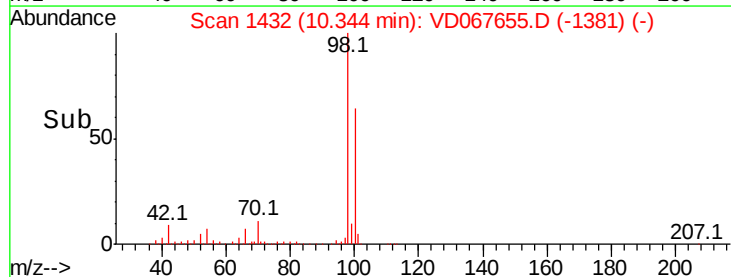
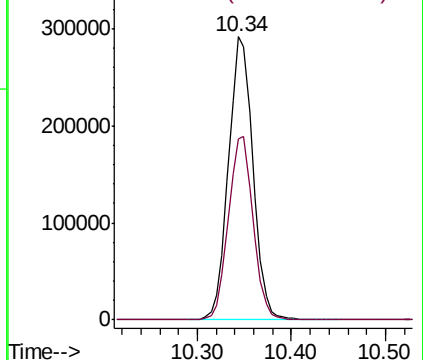


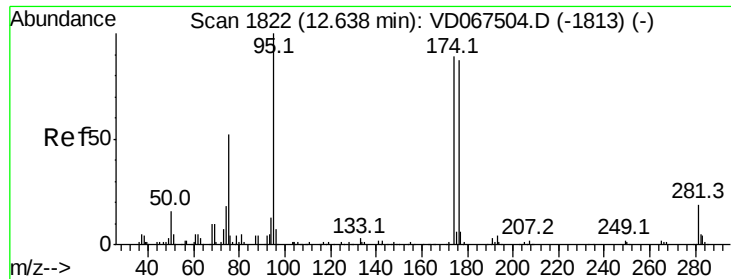
#50
 Toluene-d8
 Concen: 55.774 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067655.D
 Acq: 17 Nov 2020 11:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VD





#62

4-Bromofluorobenzene

Concen: 58.677 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067655.D

Acq: 17 Nov 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

TR-05-111620

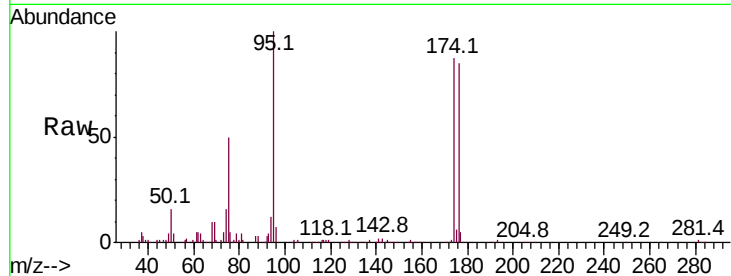
Tot Ion: 95 Resp: 192161

Ion Ratio Lower Upper

95 100

174 90.8 0.0 177.8

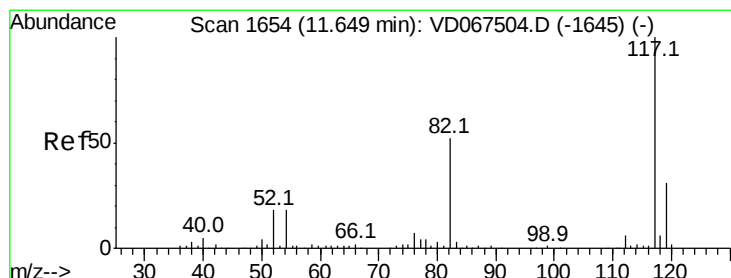
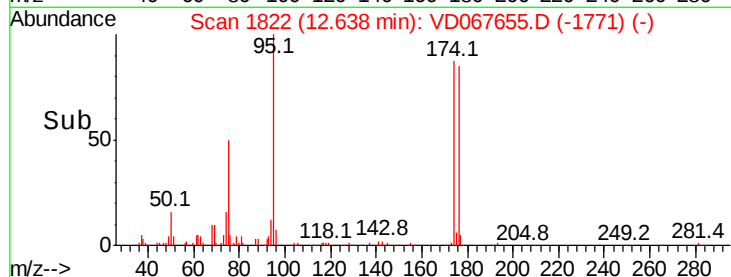
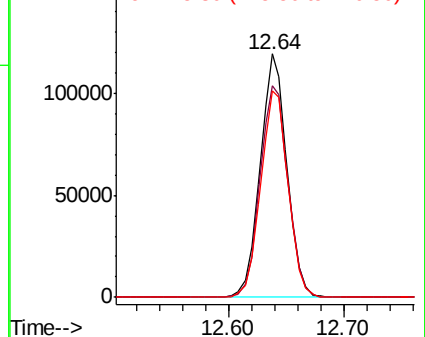
176 87.1 0.0 172.0



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: VD067655.D

Acq: 17 Nov 2020 11:54

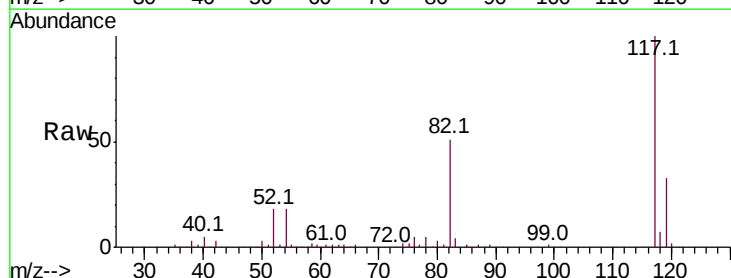
Tgt Ion: 117 Resp: 447516

Ion Ratio Lower Upper

117 100

82 51.3 41.6 62.4

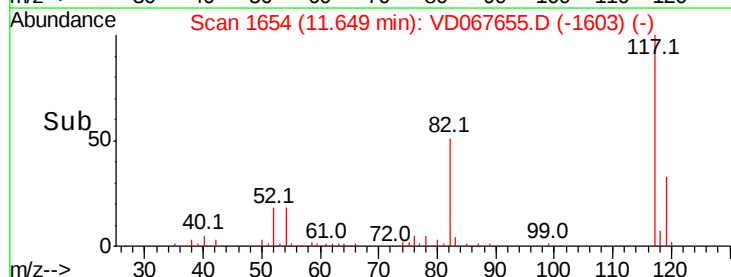
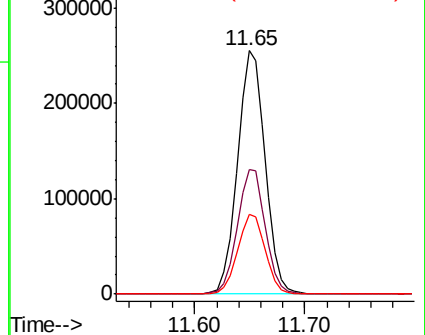
119 32.9 25.1 37.7

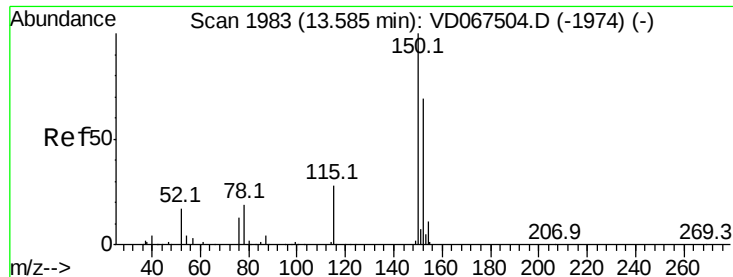


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1983

Delta R.T. -0.00 min

Lab File: VD067655.D

Acq: 17 Nov 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

TR-05-111620

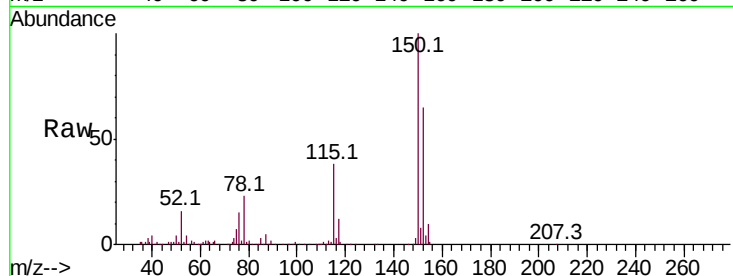
Tot Ion:152 Resp: 204305

Ion Ratio Lower Upper

152 100

115 59.6 29.3 88.0

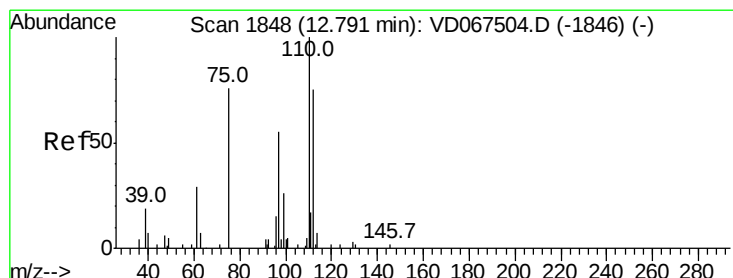
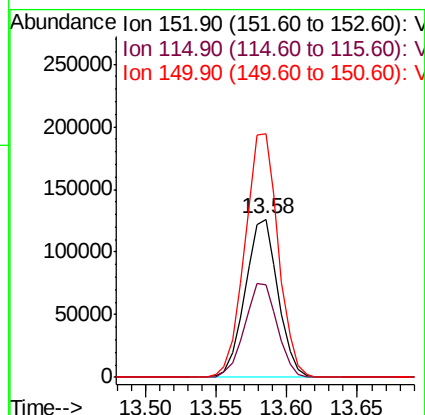
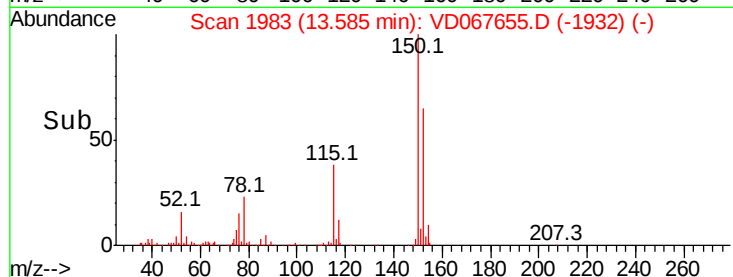
150 157.3 0.0 338.2



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: 80.168 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067655.D

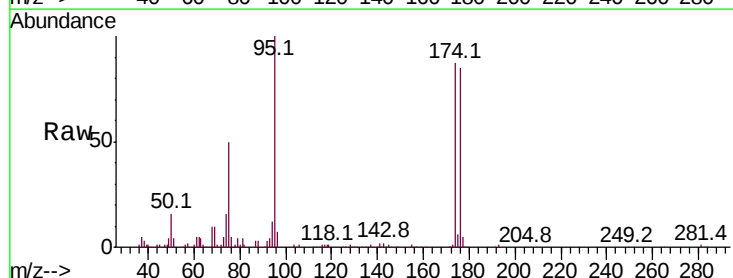
Acq: 17 Nov 2020 11:54

Tgt Ion: 75 Resp: 98806

Ion Ratio Lower Upper

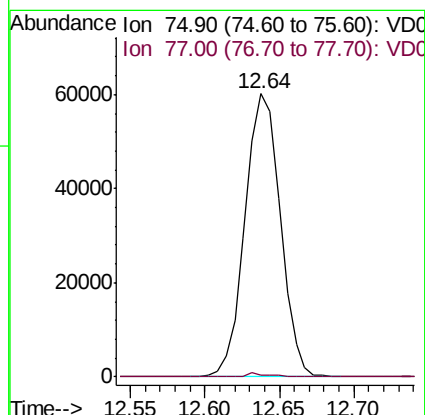
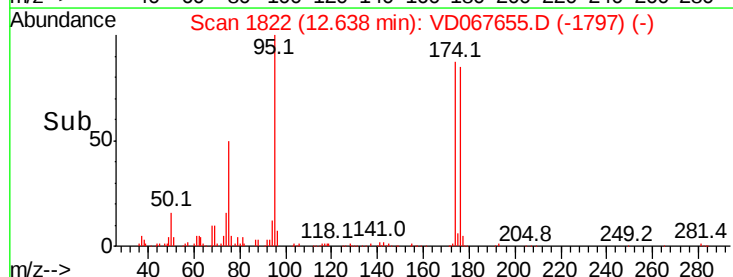
75 100

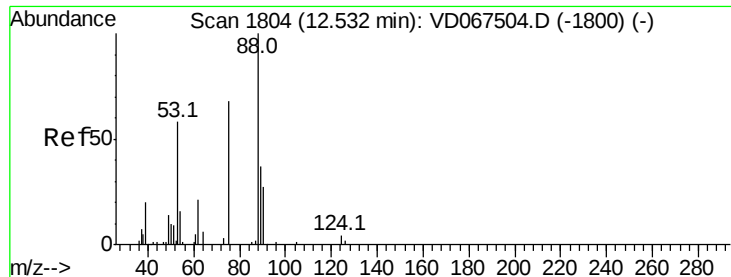
77 0.9 0.0 0.0#



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: 162.763 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067655.D

Acq: 17 Nov 2020 11:54

Instrument :

MSVOA_D

ClientSampleId :

TR-05-111620

Tot Ion: 75 Resp: 98806

Ion Ratio Lower Upper

75 100

53 0.1 75.9 113.9#

89 0.0 44.6 67.0#

