

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067652.D
 Acq On : 17 Nov 2020 10:27
 Operator : VA/SY
 Sample : VD1117SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1117SBL01

Quant Time: Nov 17 23:56:28 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

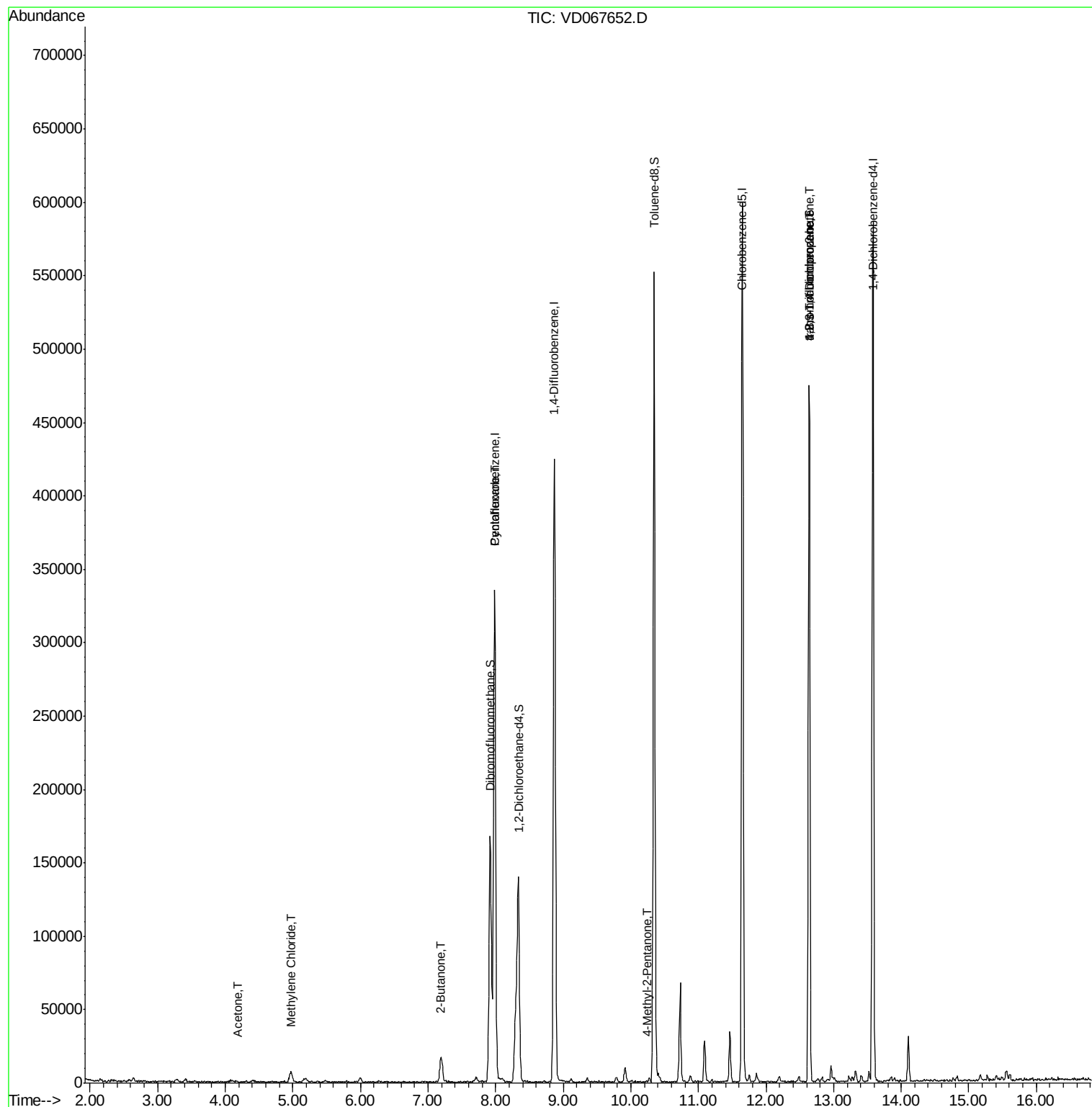
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	251806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	392072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	362278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	167998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	117374	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.62%	
35) Dibromofluoromethane	7.92	113	118119	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
50) Toluene-d8	10.34	98	388254	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
62) 4-Bromofluorobenzene	12.64	95	128657	44.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.78%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	648	Below Cal	#	44
11) Tert butyl alcohol	5.23	59	194	Below Cal	#	79
16) Acetone	4.19	43	1052	3.193	ug/l #	43
20) Methylene Chloride	4.97	84	6342	2.725	ug/l #	77
25) 2-Butanone	7.18	43	431	1.224	ug/l #	42
31) Cyclohexane	7.98	56	4965	1.555	ug/l #	28
51) 4-Methyl-2-Pentanone	10.24	43	955	1.159	ug/l #	82
76) 1,2,3-Trichloropropane	12.64	75	69722	68.796	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	69722	139.674	ug/l #	10

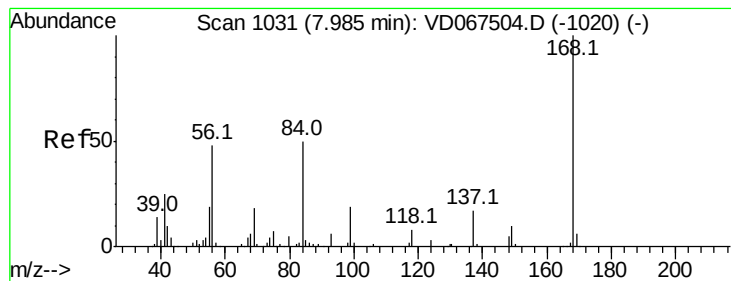
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111720\
Data File : VD067652.D
Acq On : 17 Nov 2020 10:27
Operator : VA/SY
Sample : VD1117SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBL01

Quant Time: Nov 17 23:56:28 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# 1031

Delta R.T. 0.00 min

Lab File: VD067652.D

Acq: 17 Nov 2020 10:27

Instrument :

MSVOA_D

ClientSampleId :

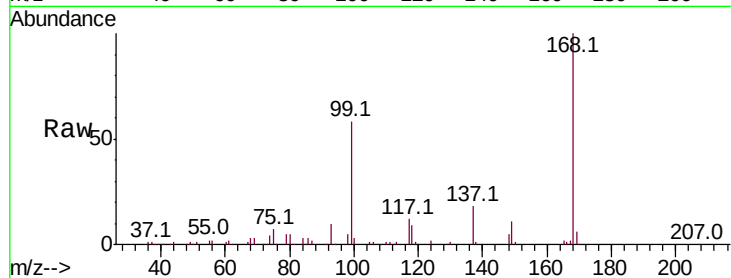
VD1117SBL01

Tot Ion:168 Resp: 251806

Ion Ratio Lower Upper

168 100

99 57.5 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

120000

100000

80000

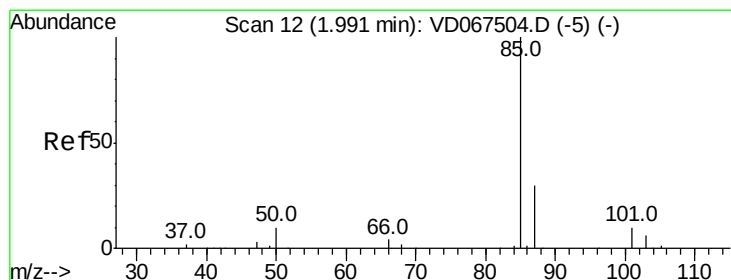
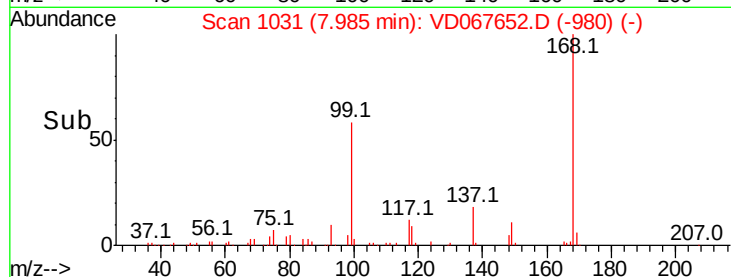
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067652.D

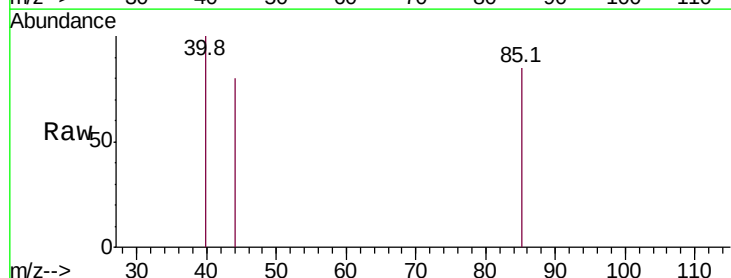
Acq: 17 Nov 2020 10:27

Tgt Ion: 85 Resp: 648

Ion Ratio Lower Upper

85 100

87 0.0 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

800

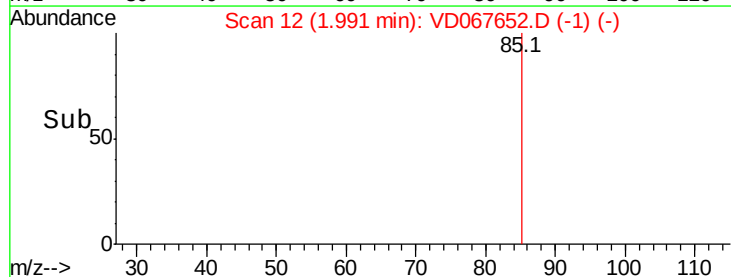
600

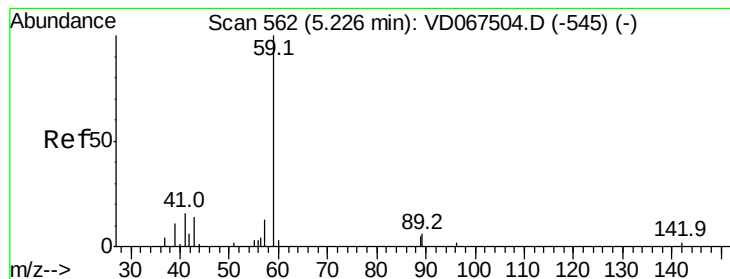
400

200

0

Time-->



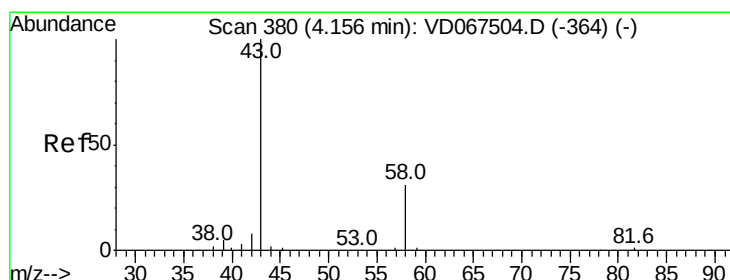
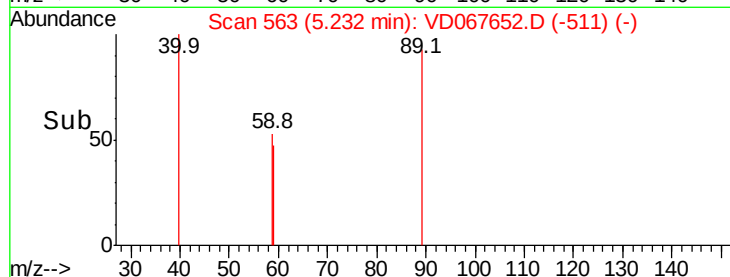
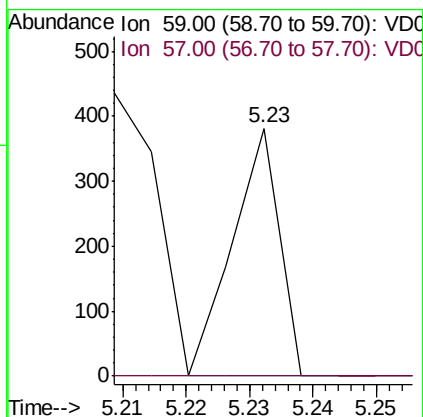
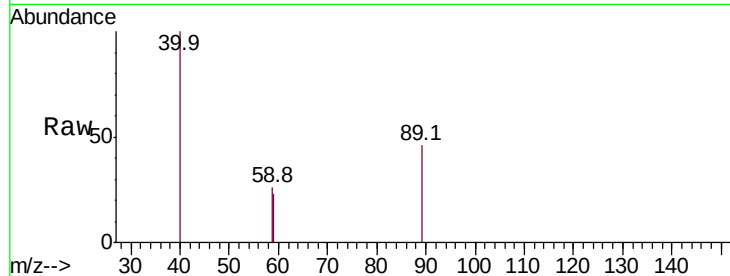


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.23 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: VD067652.D
 Acq: 17 Nov 2020 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1117SBL01

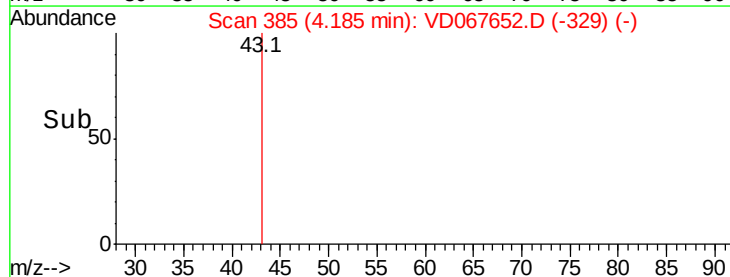
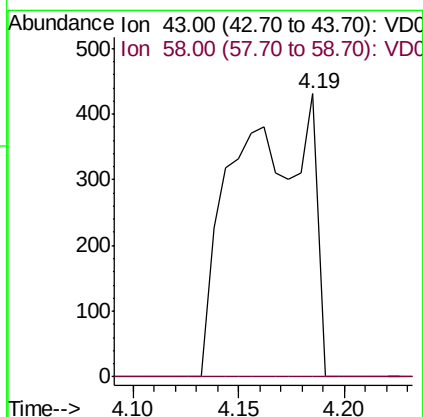
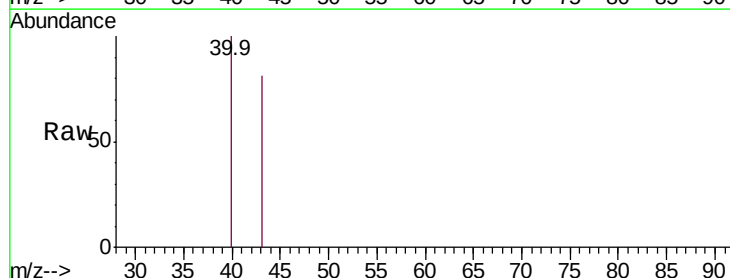
Tot Ion: 59 Resp: 194
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.9 8.9#

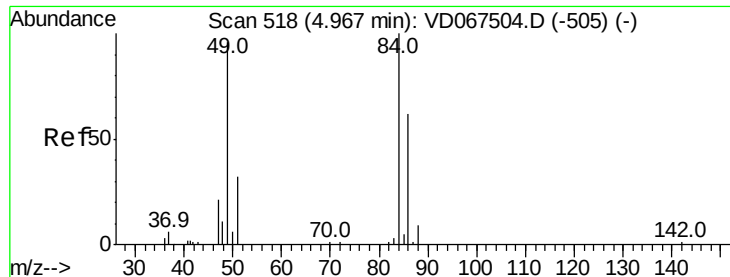


#16

Acetone
 Concen: 3.193 ug/l
 RT: 4.19 min Scan# 385
 Delta R.T. 0.03 min
 Lab File: VD067652.D
 Acq: 17 Nov 2020 10:27

Tgt Ion: 43 Resp: 1052
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.2 37.8#

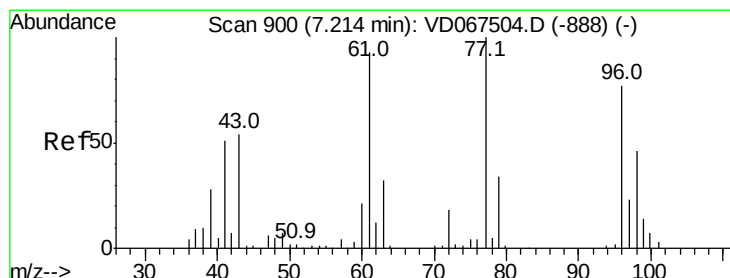
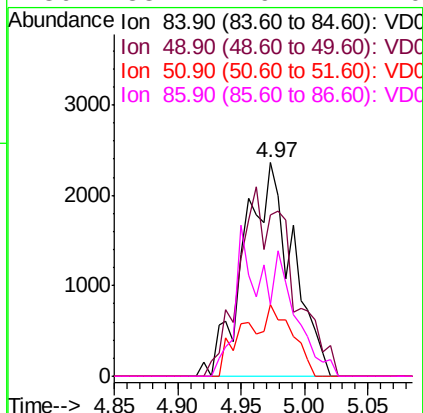
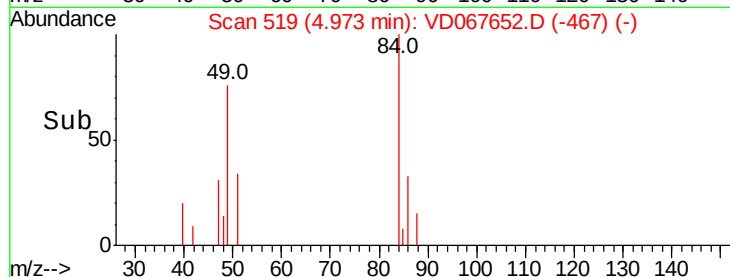
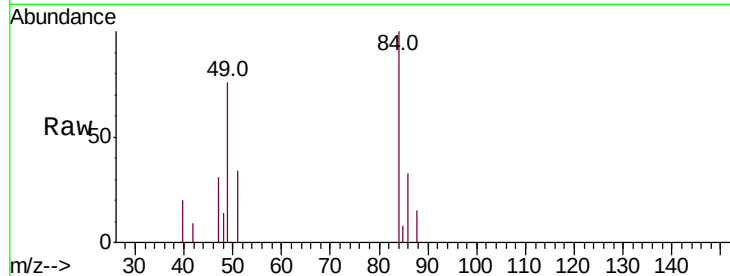




#20
Methylene Chloride
Concen: 2.725 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067652.D
Acq: 17 Nov 2020 10:27

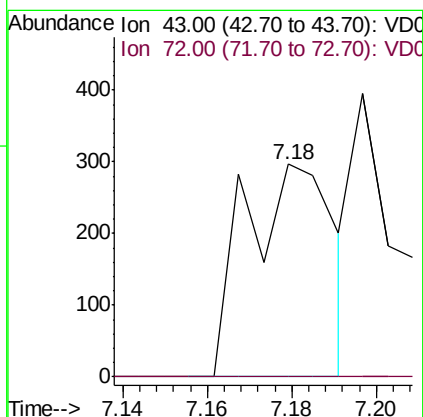
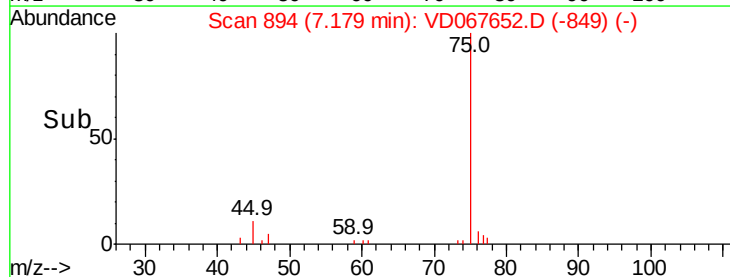
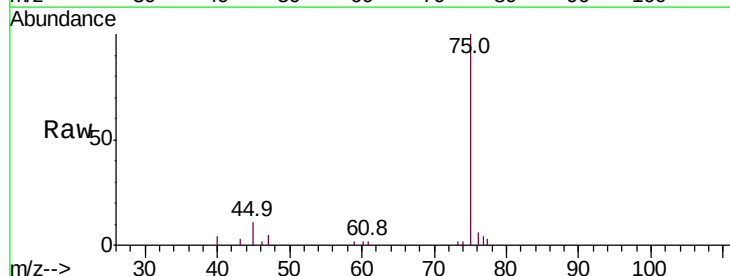
Instrument :
MSVOA_D
ClientSampleId :
VD1117SBL01

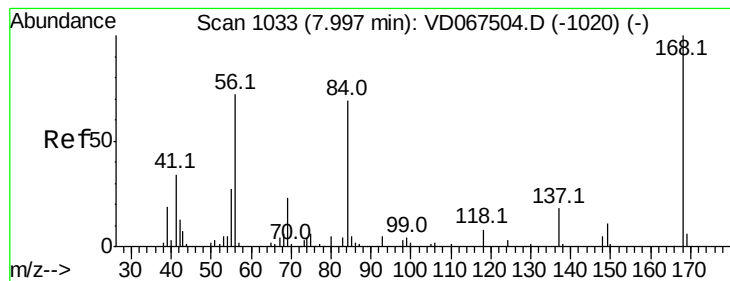
Tot Ion: 84 Resp: 6342
Ion Ratio Lower Upper
84 100
49 75.7 77.0 115.4#
51 33.6 25.4 38.2
86 33.4 49.4 74.0#



#25
2-Butanone
Concen: 1.224 ug/l
RT: 7.18 min Scan# 894
Delta R.T. -0.04 min
Lab File: VD067652.D
Acq: 17 Nov 2020 10:27

Tgt Ion: 43 Resp: 431
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#

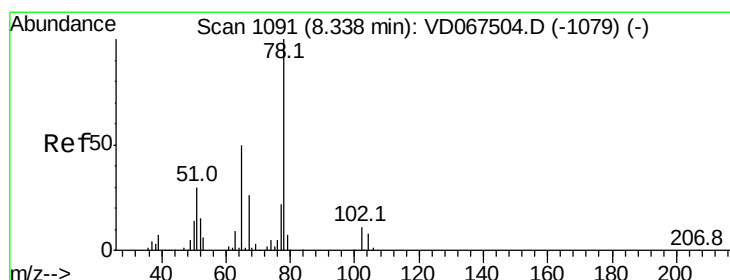
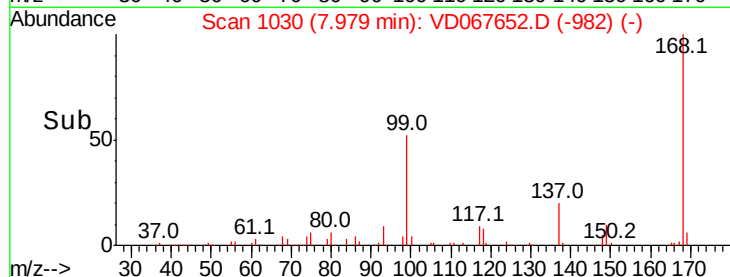
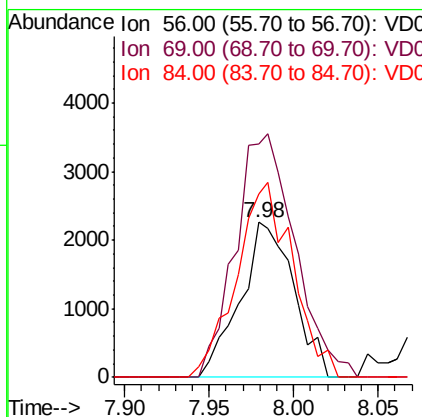
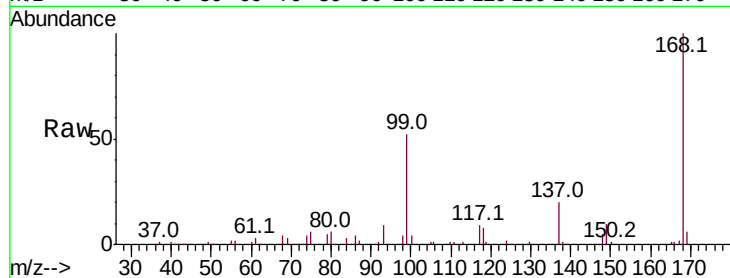




#31
Cyclohexane
Concen: 1.555 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067652.D
Acq: 17 Nov 2020 10:27

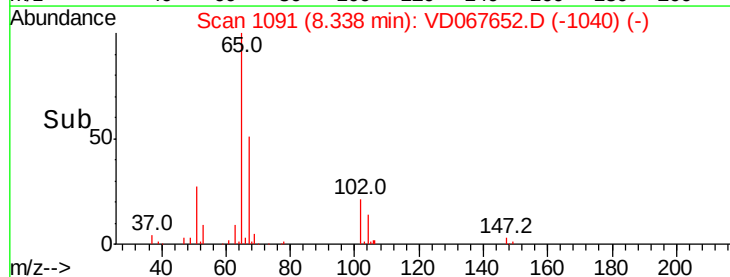
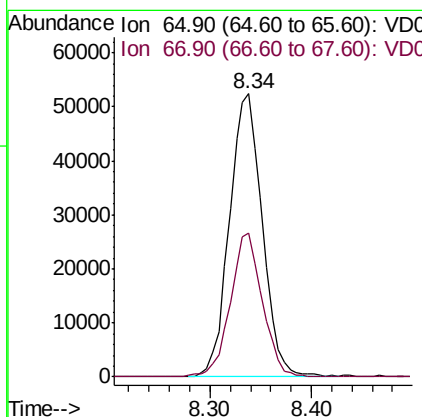
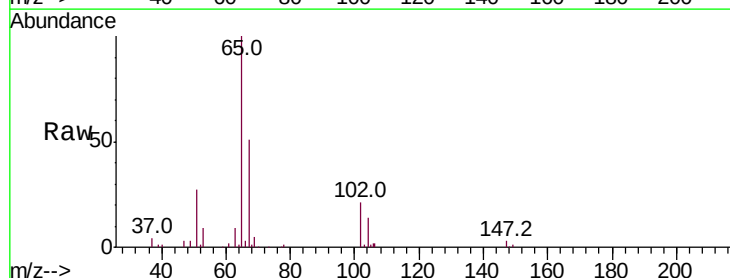
Instrument :
MSVOA_D
ClientSampleId :
VD1117SBL01

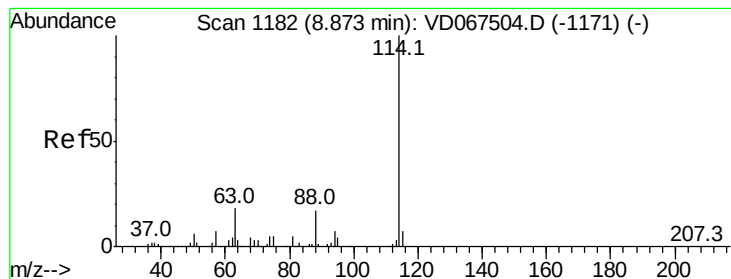
Tot Ion: 56 Resp: 4965
Ion Ratio Lower Upper
56 100
69 150.7 25.9 38.9#
84 118.9 76.2 114.4#



#33
1,2-Dichloroethane-d4
Concen: 53.309 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD067652.D
Acq: 17 Nov 2020 10:27

Tgt Ion: 65 Resp: 117374
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067652.D

Acq: 17 Nov 2020 10:27

Instrument :

MSVOA_D

ClientSampleId :

VD1117SBL01

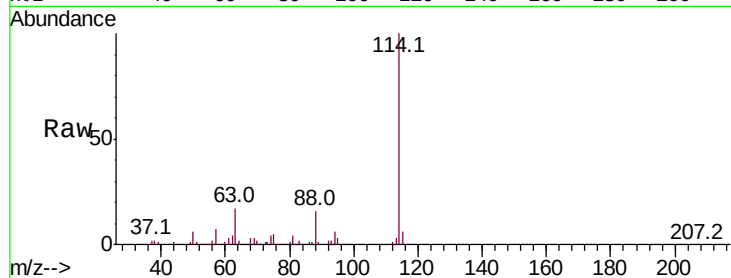
Tot Ion:114 Resp: 392072

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

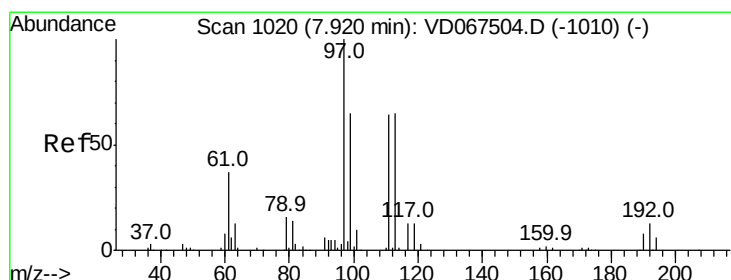
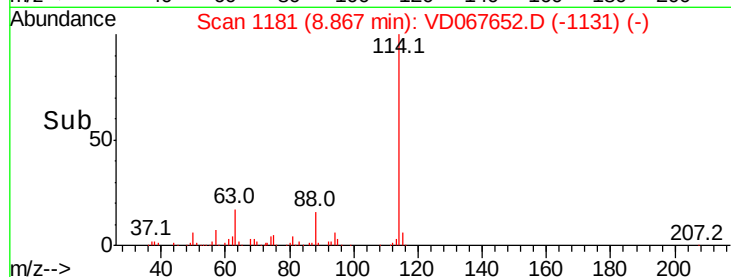
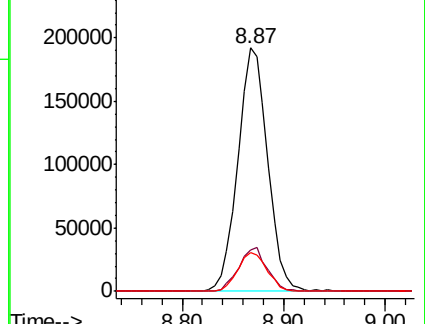
88 15.8 0.0 33.0



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: 50.003 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067652.D

Acq: 17 Nov 2020 10:27

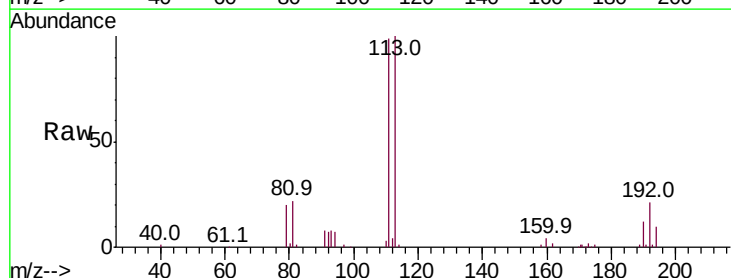
Tgt Ion:113 Resp: 118119

Ion Ratio Lower Upper

113 100

111 102.4 80.0 120.0

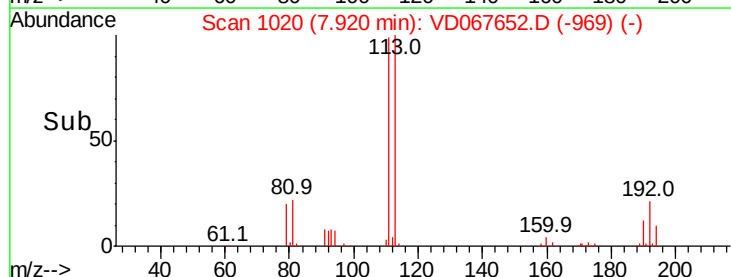
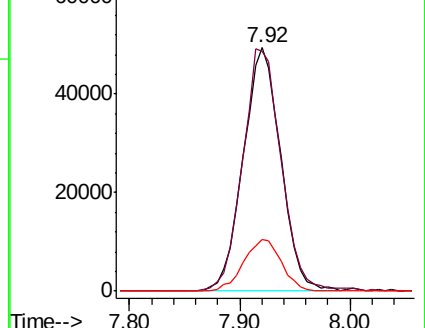
192 21.3 16.3 24.5

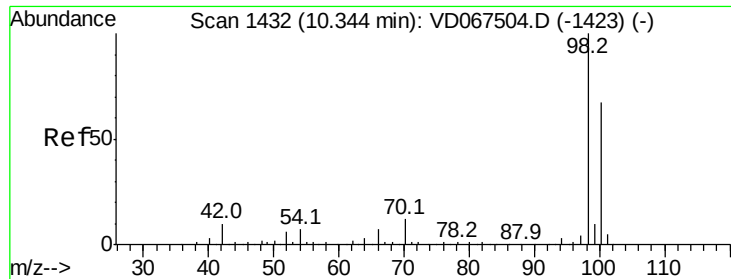


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.770 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067652.D

Acq: 17 Nov 2020 10:27

Instrument :

MSVOA_D

ClientSampleId :

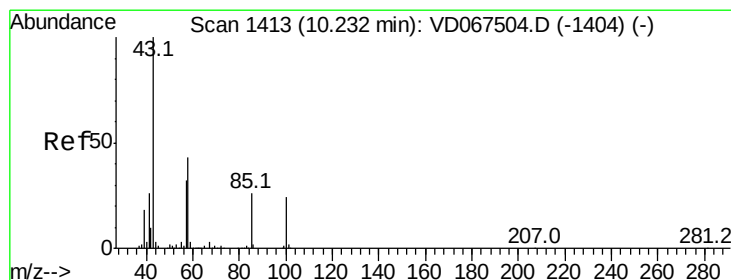
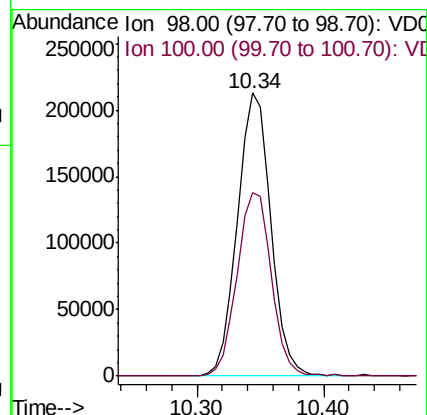
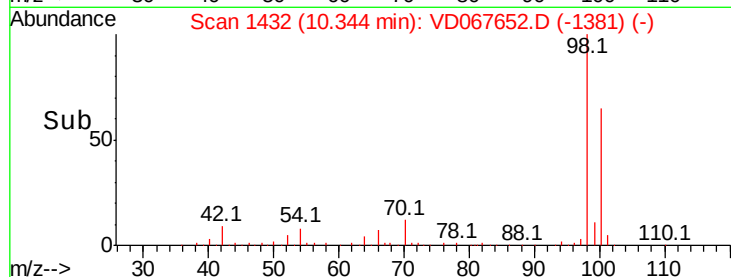
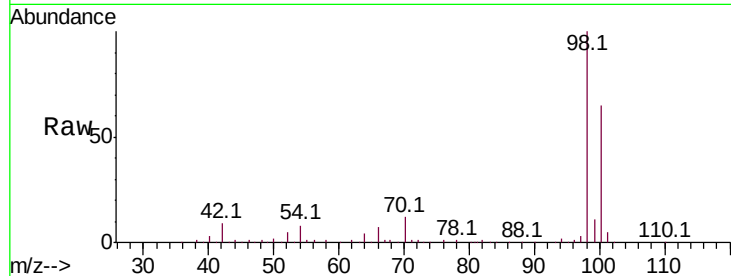
VD1117SBL01

Tot Ion: 98 Resp: 388254

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.6



#51

4-Methyl-2-Pentanone

Concen: 1.159 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. 0.01 min

Lab File: VD067652.D

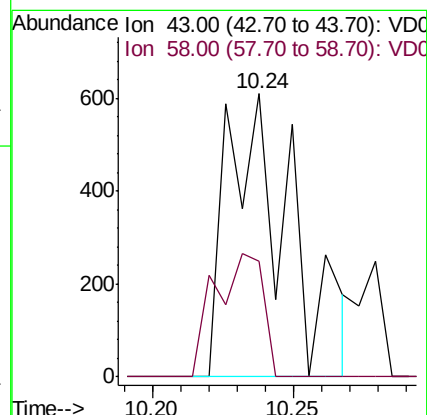
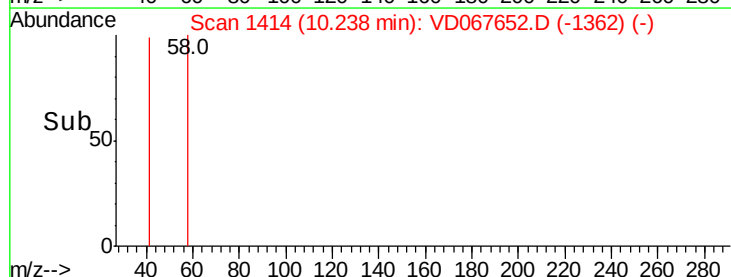
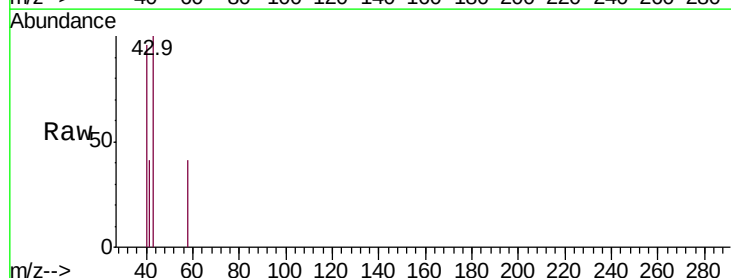
Acq: 17 Nov 2020 10:27

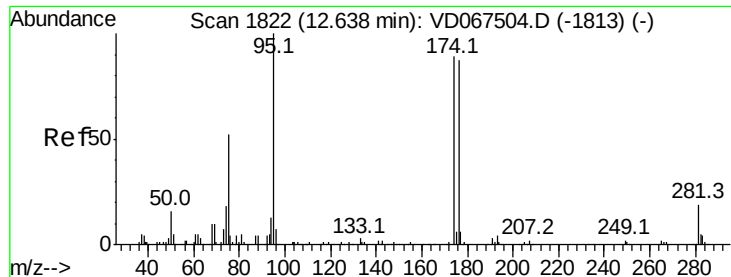
Tgt Ion: 43 Resp: 955

Ion Ratio Lower Upper

43 100

58 32.9 35.6 53.4#

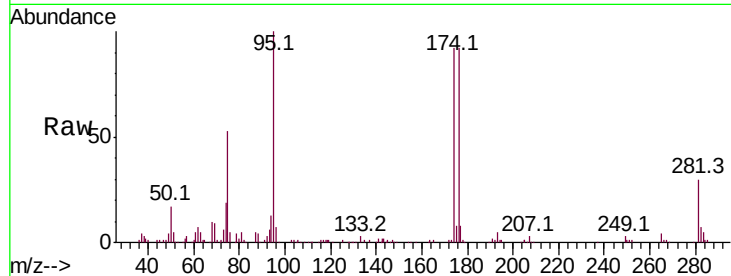




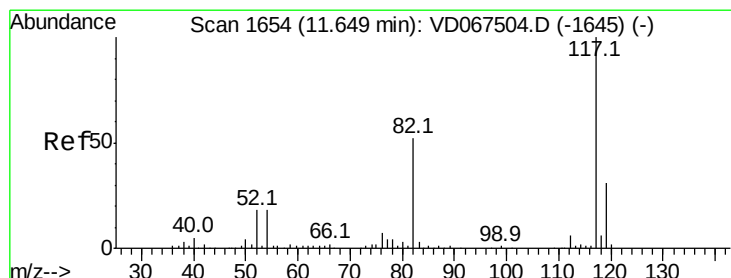
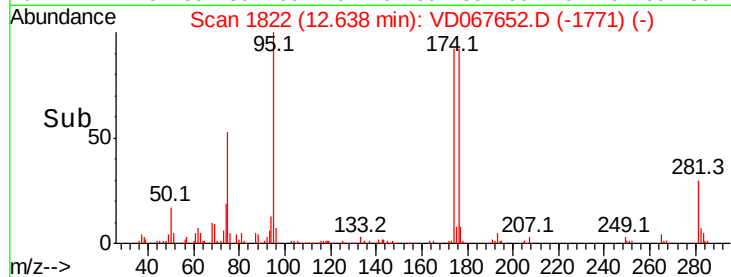
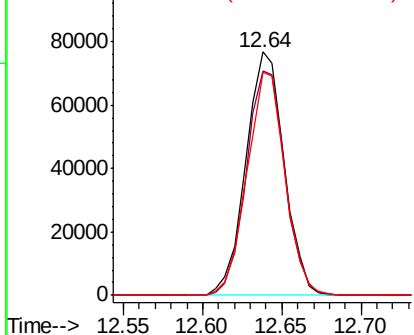
#62
4-Bromofluorobenzene
Concen: 44.890 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067652.D
Acq: 17 Nov 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBL01

Tot Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	177.8
176	91.3	0.0	172.0

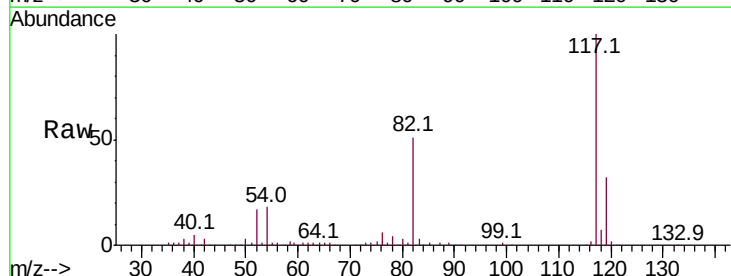


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

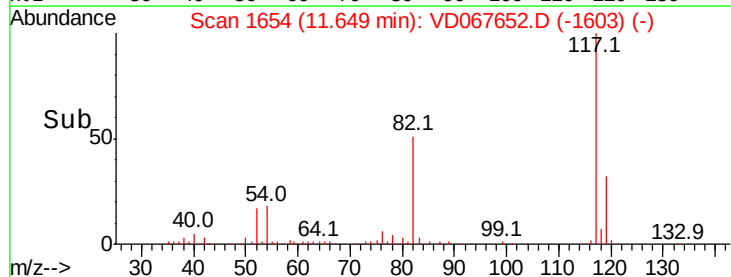
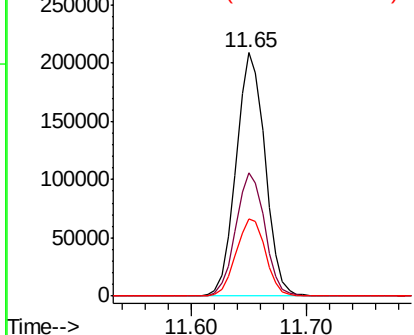


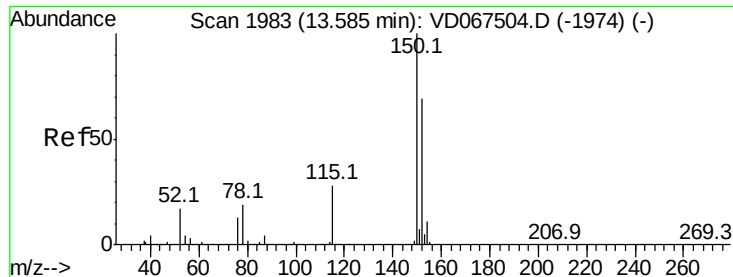
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067652.D
Acq: 17 Nov 2020 10:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.6	62.4
119	31.9	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: VD067652.D

Acq: 17 Nov 2020 10:27

Instrument :

MSVOA_D

ClientSampleId :

VD1117SBL01

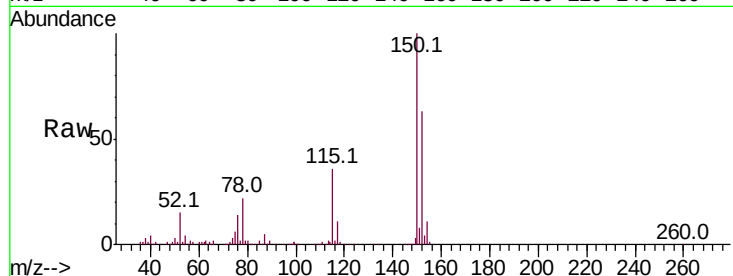
Tot Ion:152 Resp: 167998

Ion Ratio Lower Upper

152 100

115 60.1 29.3 88.0

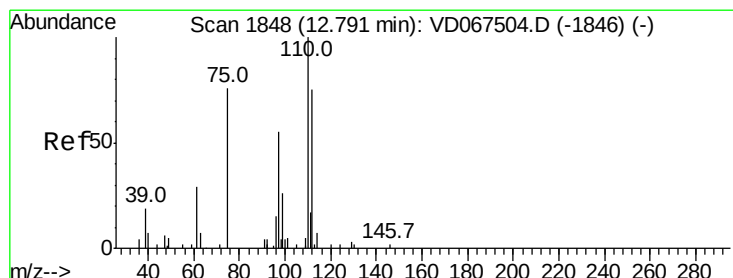
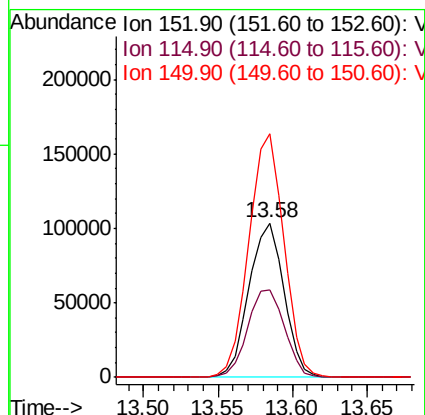
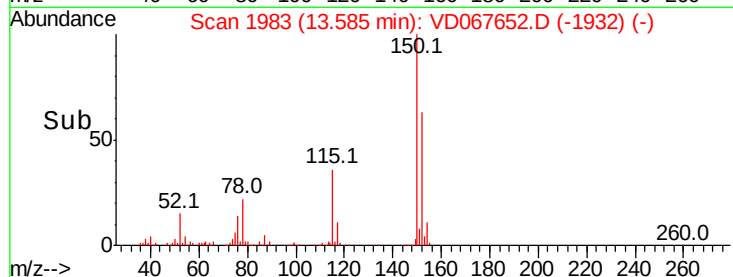
150 157.6 0.0 338.2



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: 68.796 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067652.D

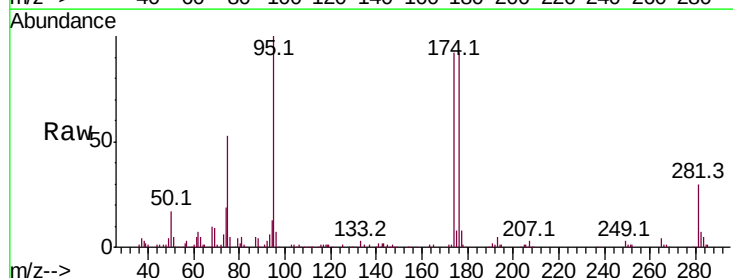
Acq: 17 Nov 2020 10:27

Tgt Ion: 75 Resp: 69722

Ion Ratio Lower Upper

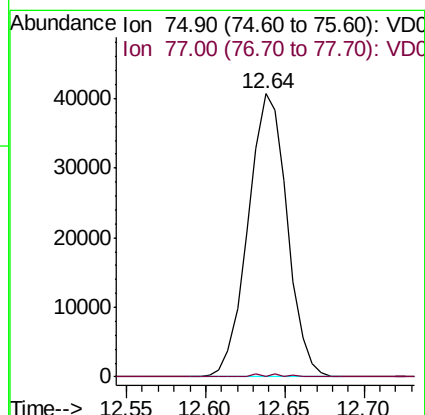
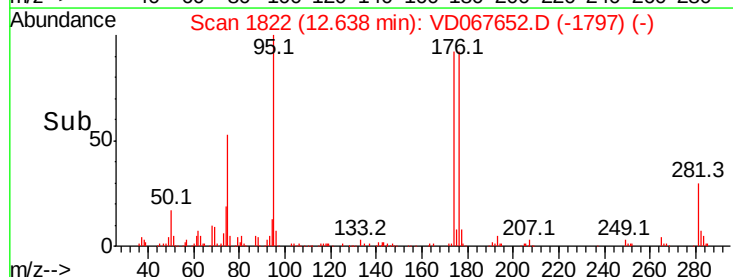
75 100

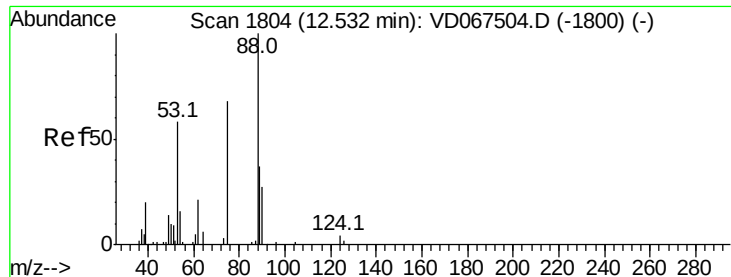
77 0.2 0.0 0.0#



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: 139.674 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067652.D

Acq: 17 Nov 2020 10:27

Instrument :

MSVOA_D

ClientSampleId :

VD1117SBL01

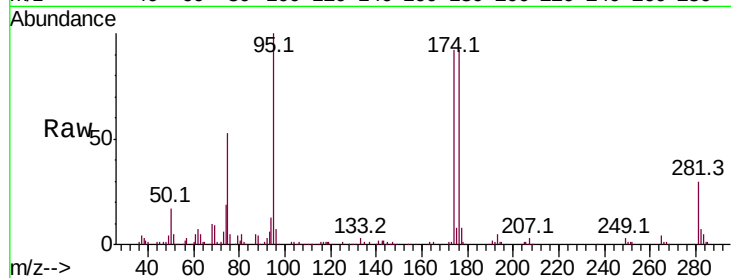
Tot Ion: 75 Resp: 69722

Ion Ratio Lower Upper

75 100

53 0.2 75.9 113.9#

89 0.5 44.6 67.0#



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

