

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067570.D
 Acq On : 09 Nov 2020 17:13
 Operator : VA/SY
 Sample : L4681-06
 Misc : 8.76G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 00:20:41 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

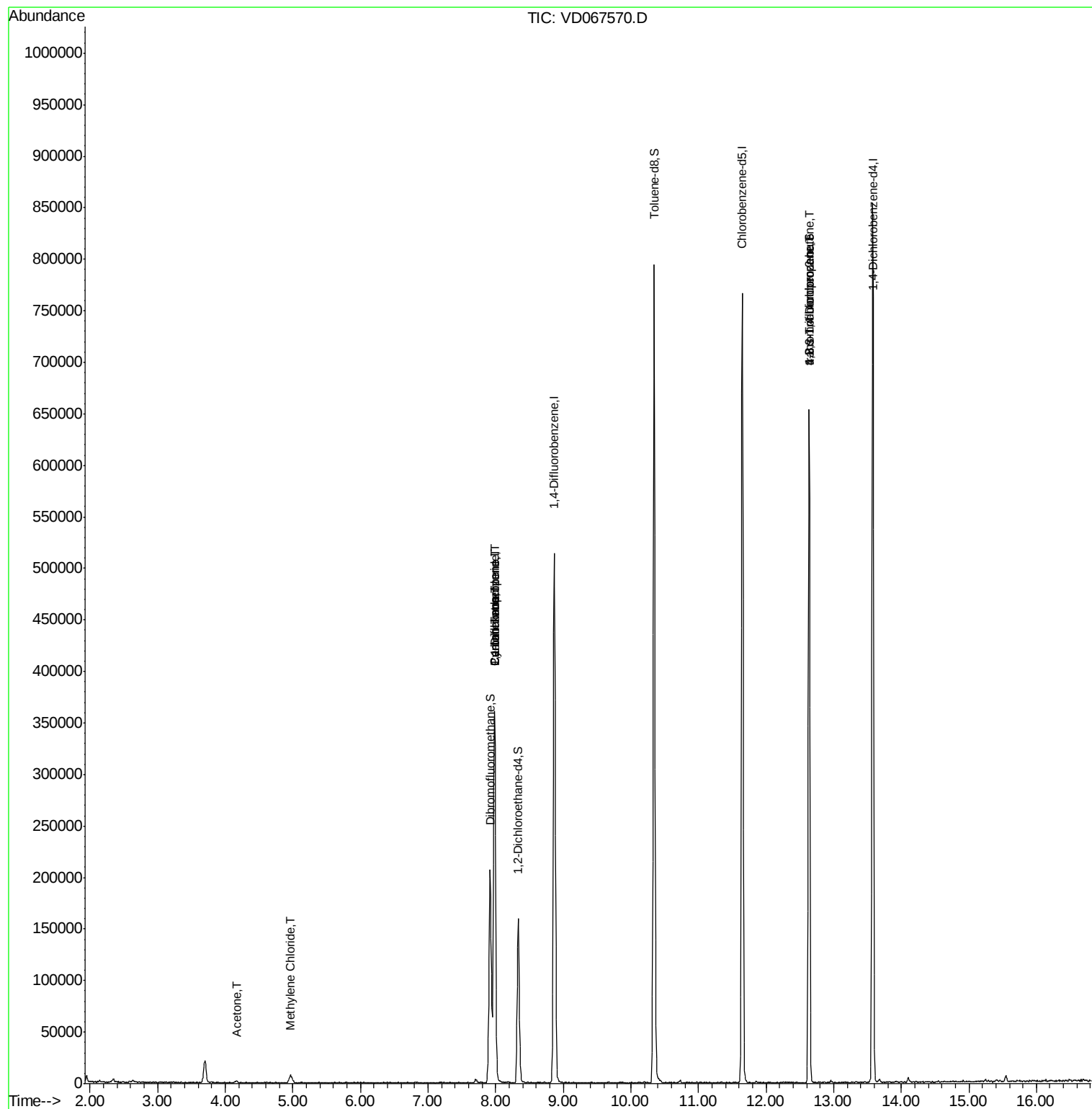
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	275632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	457894	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	471671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	240852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	136011	56.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.86%	
35) Dibromofluoromethane	7.92	113	140868	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	10.34	98	549017	56.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.26%	
62) 4-Bromofluorobenzene	12.64	95	205934	61.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.04%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	2497	6.923	ug/l #	65
20) Methylene Chloride	4.97	84	6810	2.673	ug/l #	74
31) Cyclohexane	7.98	56	5934	1.698	ug/l #	38
36) 1,1-Dichloropropene	7.98	75	18513	4.723	ug/l #	51
38) Carbon Tetrachloride	7.98	117	28630	5.622	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	105741	72.776	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	105741	147.755	ug/l #	10

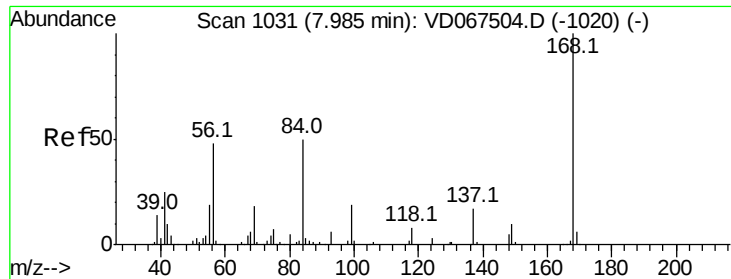
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110920\
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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: VD067570.D

Acq: 09 Nov 2020 17:13

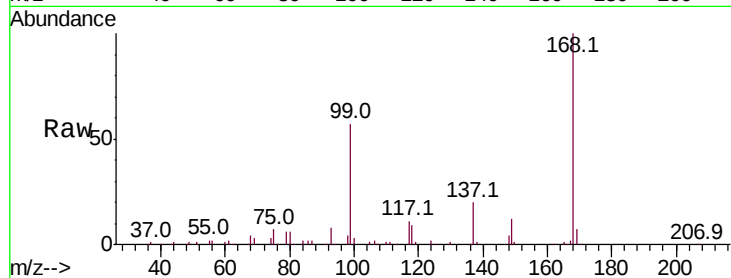
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 275632

Ion Ratio Lower Upper

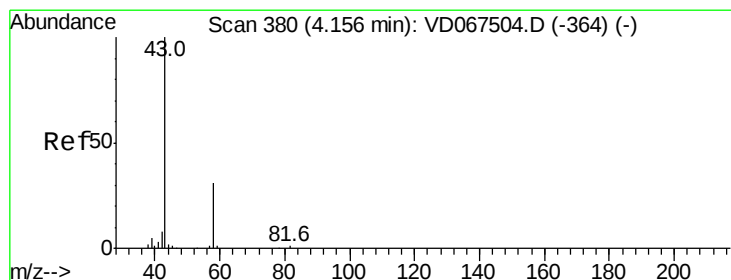
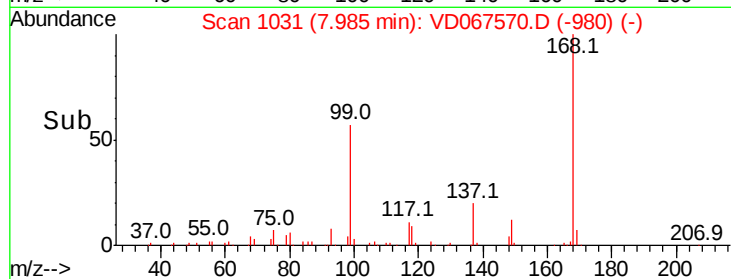
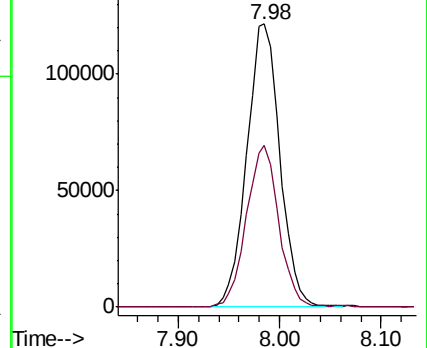
168 100

99 57.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 6.923 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD067570.D

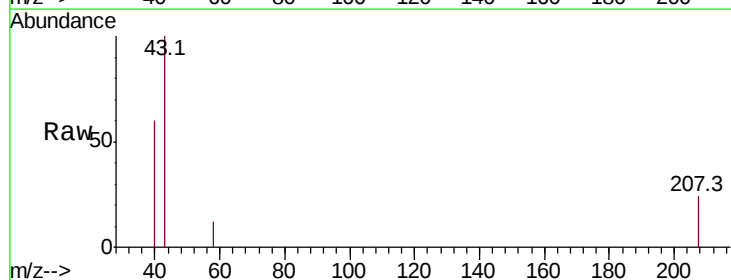
Acq: 09 Nov 2020 17:13

Tgt Ion: 43 Resp: 2497

Ion Ratio Lower Upper

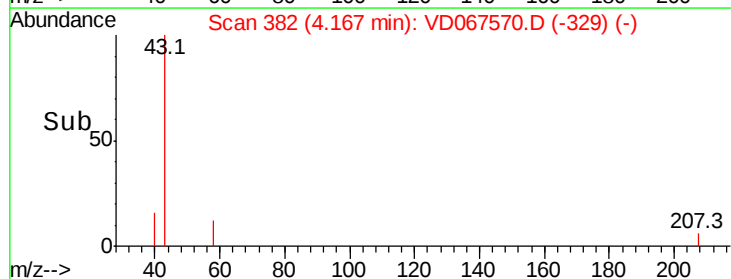
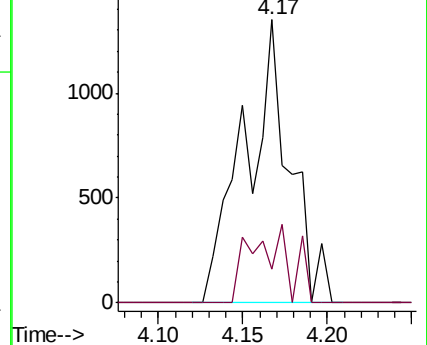
43 100

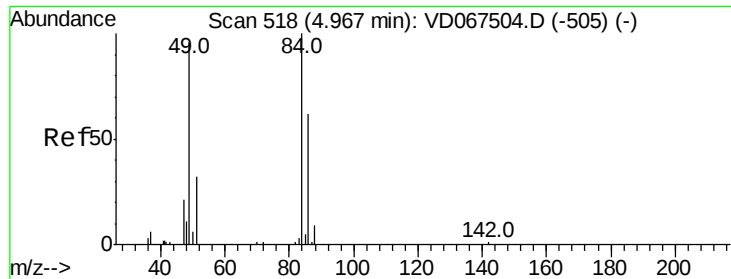
58 12.2 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

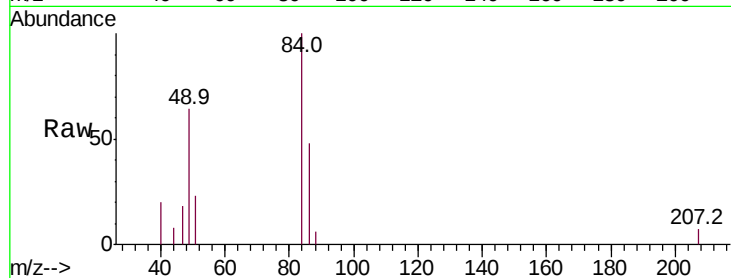




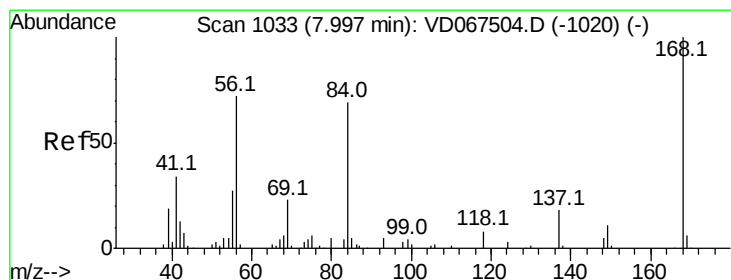
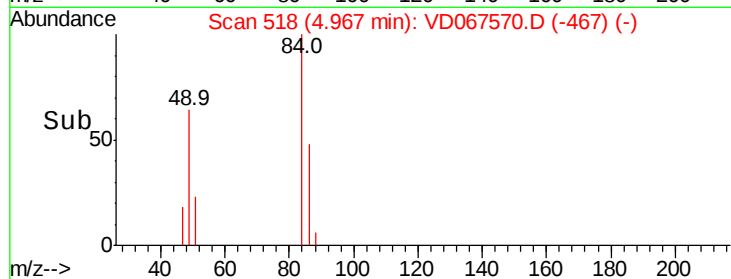
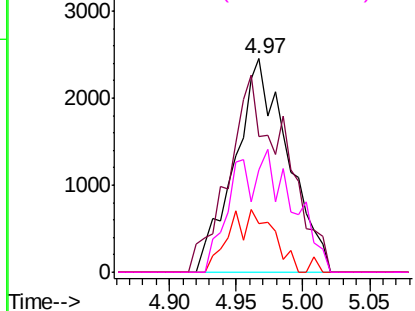
#20
Methvlene Chloride
Concen: 2.673 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067570.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 6810
Ion Ratio Lower Upper
84 100
49 63.6 77.0 115.4#
51 22.5 25.4 38.2#
86 47.8 49.4 74.0#

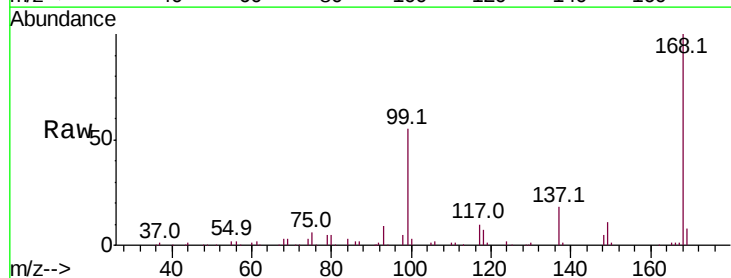


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

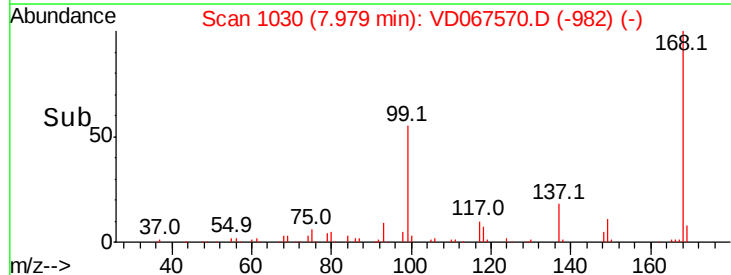
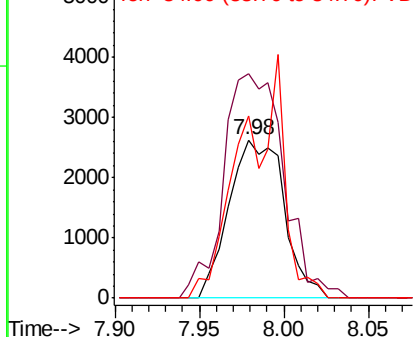


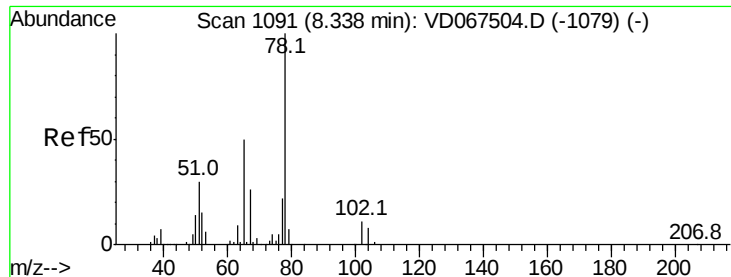
#31
Cyclohexane
Concen: 1.698 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067570.D
Acq: 09 Nov 2020 17:13

Tgt Ion: 56 Resp: 5934
Ion Ratio Lower Upper
56 100
69 135.6 25.9 38.9#
84 115.3 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: 56.434 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067570.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_D

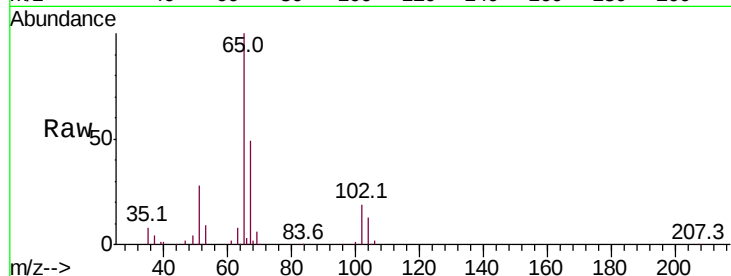
ClientSampleId :

Tot Ion: 65 Resp: 136011

Ion Ratio Lower Upper

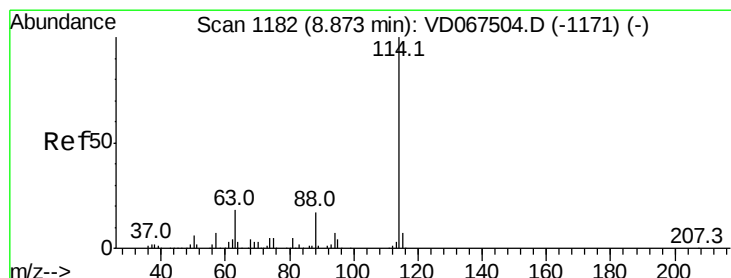
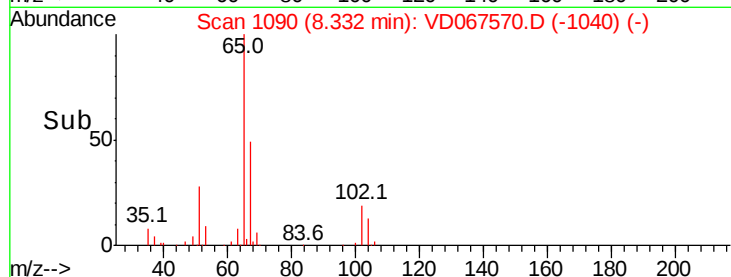
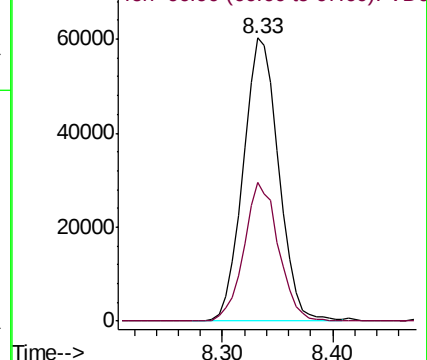
65 100

67 47.8 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: VD067570.D

Acq: 09 Nov 2020 17:13

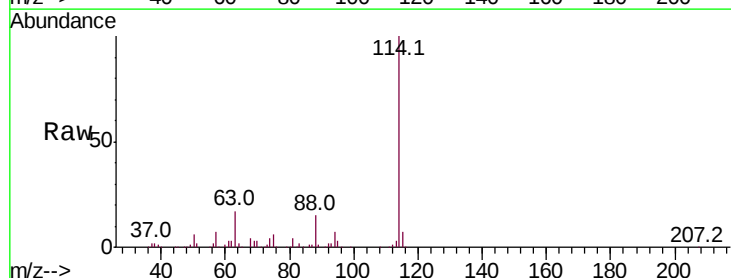
Tgt Ion:114 Resp: 457894

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

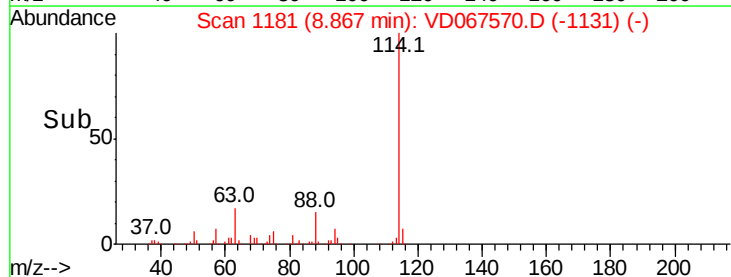
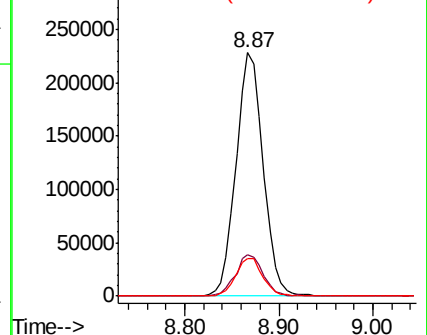
88 15.2 0.0 33.0

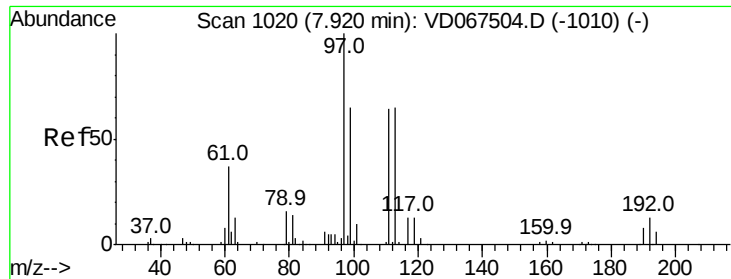


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 51.061 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067570.D

Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_D
ClientSampleId :

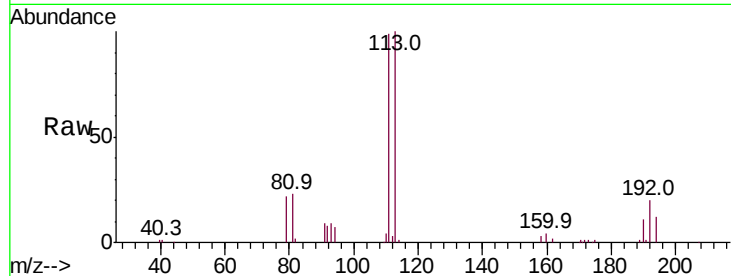
Tot Ion:113 Resp: 140868

Ion Ratio Lower Upper

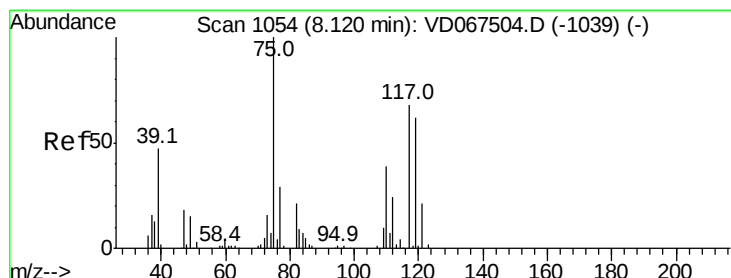
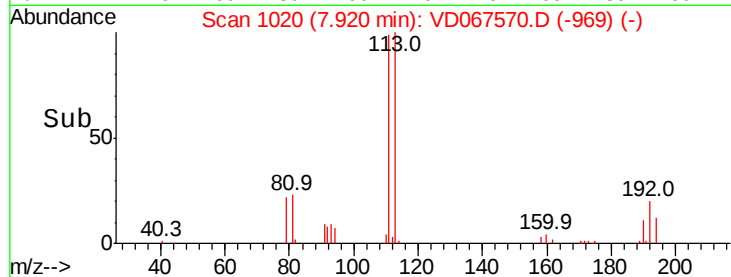
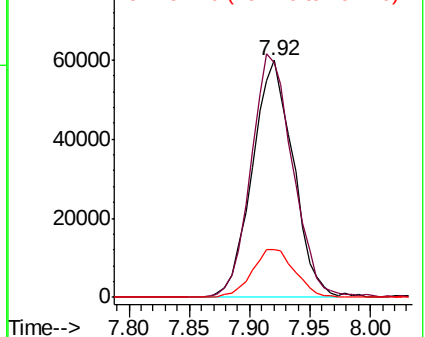
113 100

111 105.4 80.0 120.0

192 21.2 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



#36

1,1-Dichloropropene

Concen: 4.723 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.14 min

Lab File: VD067570.D

Acq: 09 Nov 2020 17:13

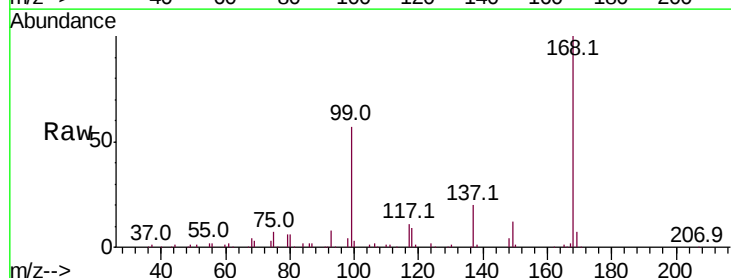
Tgt Ion: 75 Resp: 18513

Ion Ratio Lower Upper

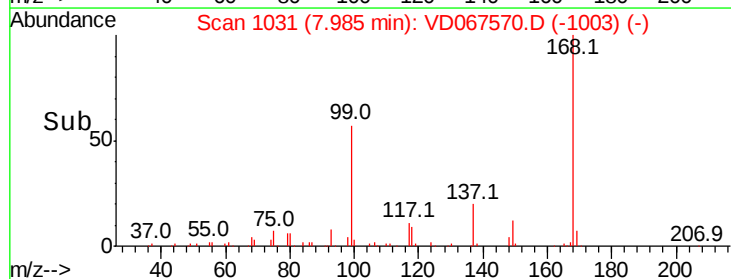
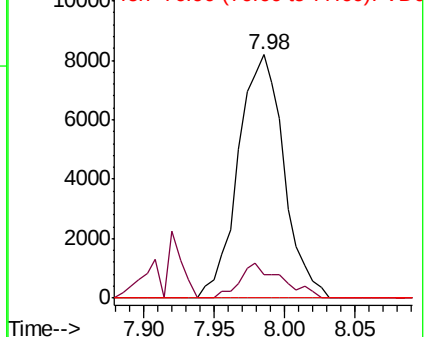
75 100

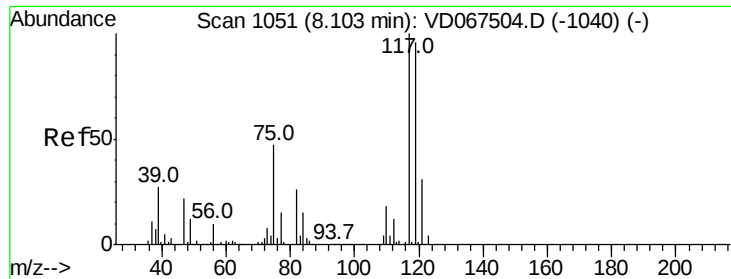
110 13.2 19.9 59.7#

77 0.0 24.8 37.2#



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





#38

Carbon Tetrachloride

Concen: 5.622 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067570.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_D

ClientSampleId :

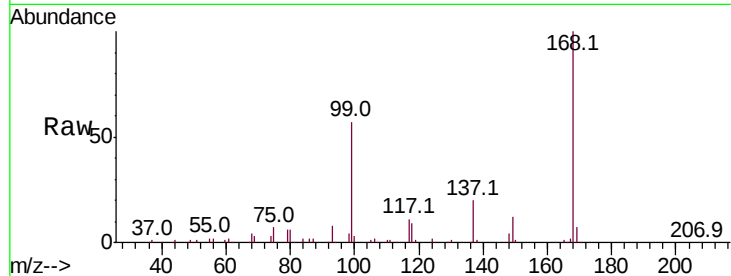
Tot Ion:117 Resp: 28630

Ion Ratio Lower Upper

117 100

119 5.5 76.9 115.3#

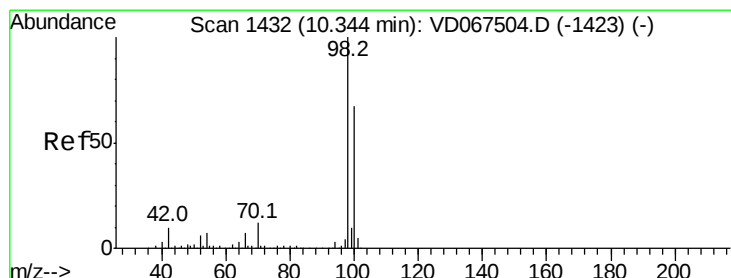
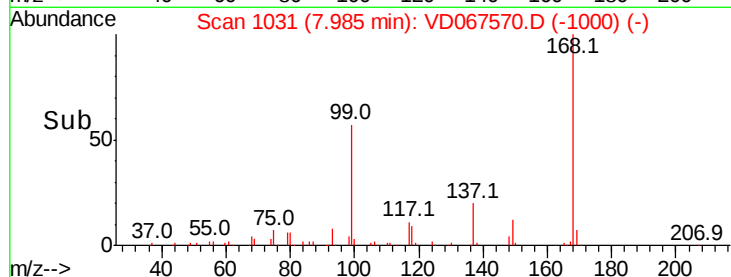
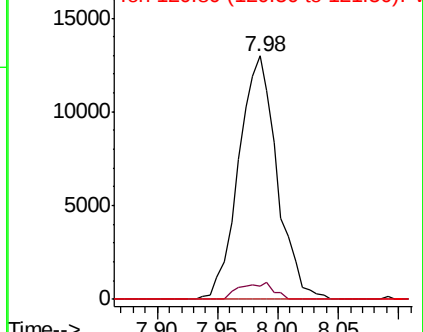
121 0.0 24.5 36.7#



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: 56.628 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067570.D

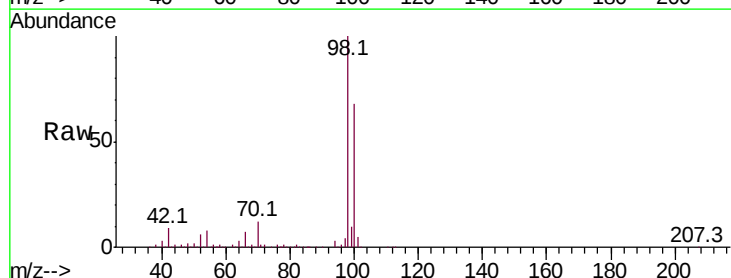
Acq: 09 Nov 2020 17:13

Tgt Ion: 98 Resp: 549017

Ion Ratio Lower Upper

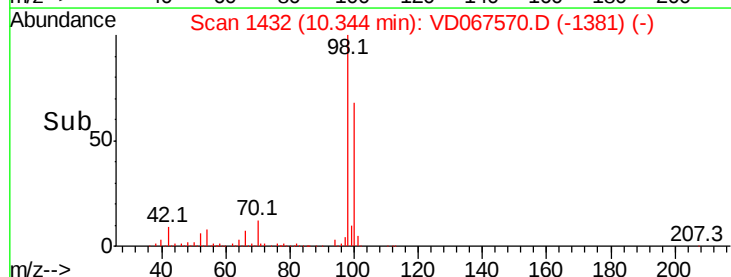
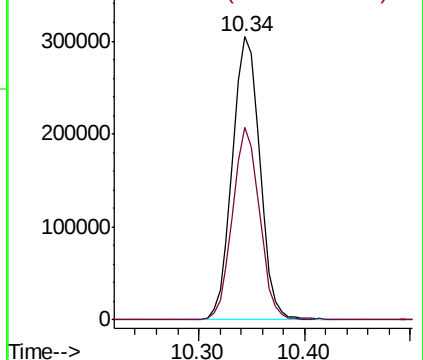
98 100

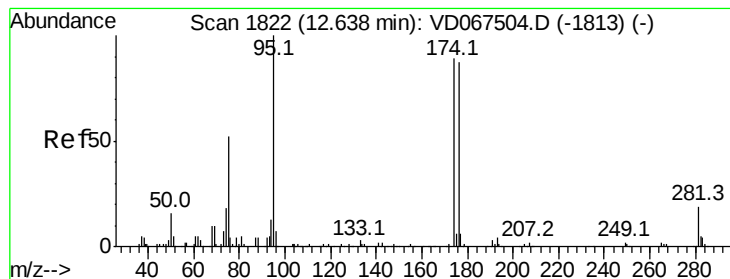
100 66.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 61.525 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067570.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_D

ClientSampleId :

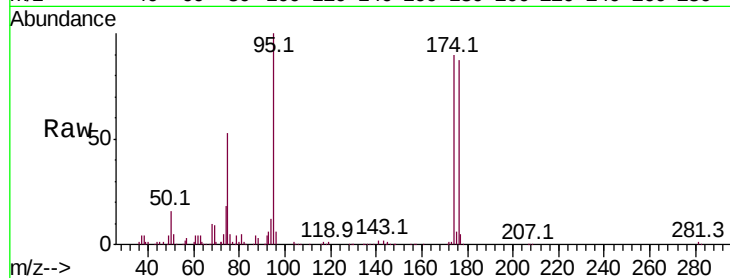
Tot Ion: 95 Resp: 205934

Ion Ratio Lower Upper

95 100

174 89.9 0.0 177.8

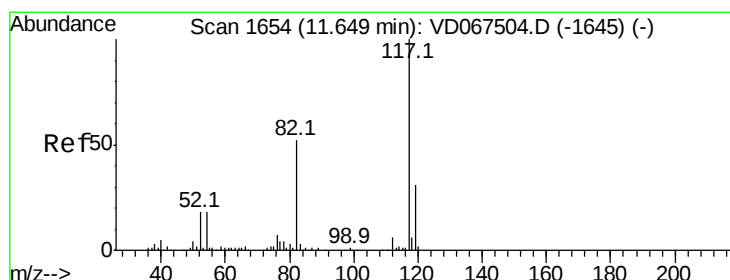
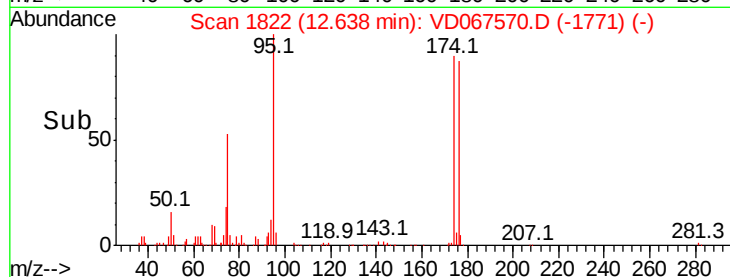
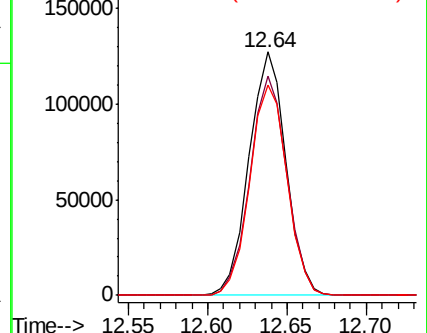
176 87.4 0.0 172.0



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: VD067570.D

Acq: 09 Nov 2020 17:13

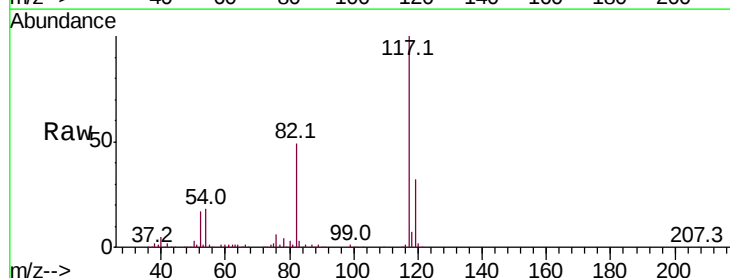
Tgt Ion: 117 Resp: 471671

Ion Ratio Lower Upper

117 100

82 49.0 41.6 62.4

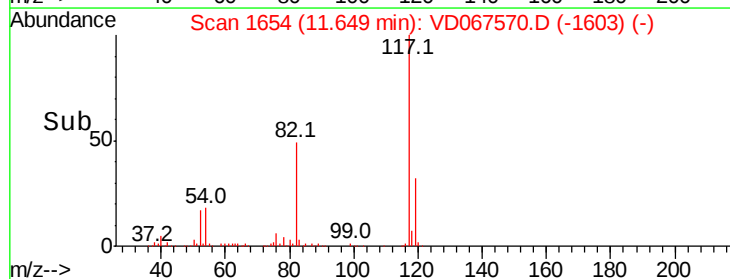
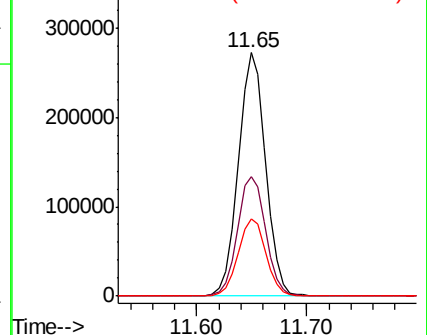
119 31.6 25.1 37.7

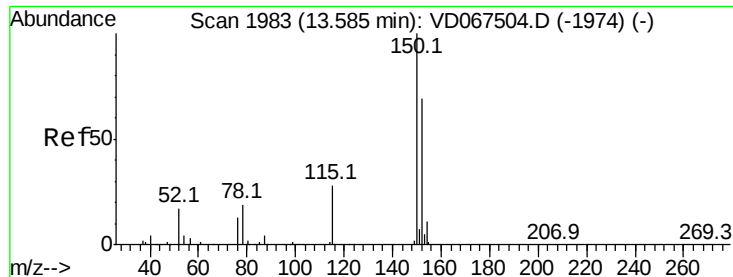


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD067570.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_D

ClientSampleId :

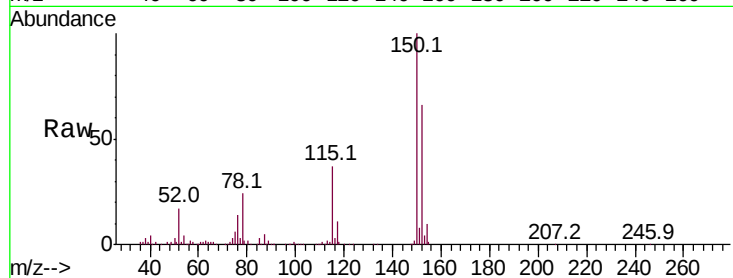
Tot Ion:152 Resp: 240852

Ion Ratio Lower Upper

152 100

115 58.2 29.3 88.0

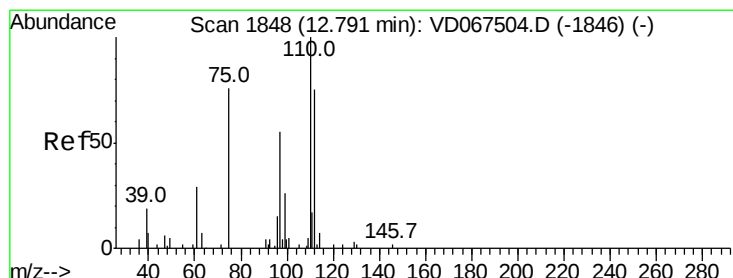
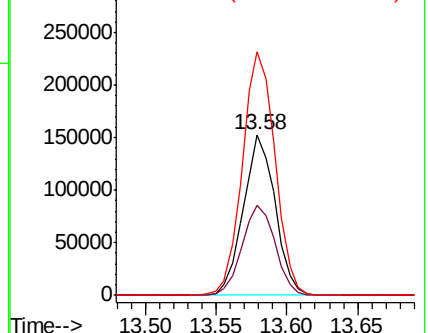
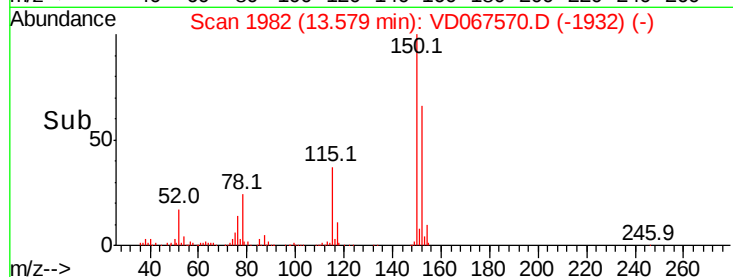
150 156.0 0.0 338.2



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: 72.776 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067570.D

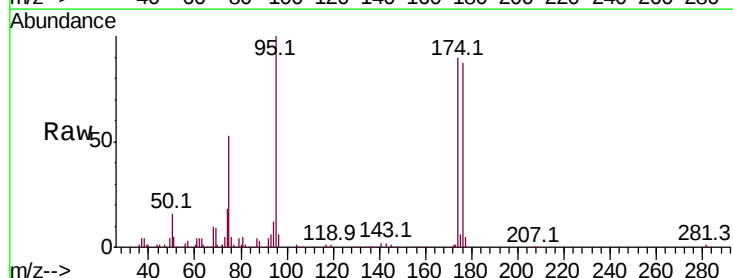
Acq: 09 Nov 2020 17:13

Tgt Ion: 75 Resp: 105741

Ion Ratio Lower Upper

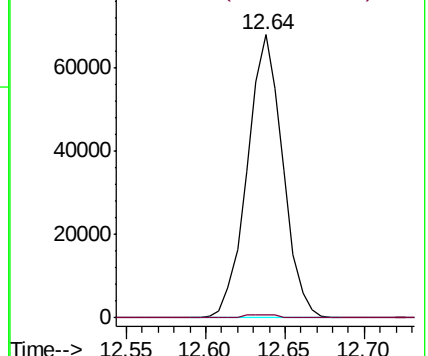
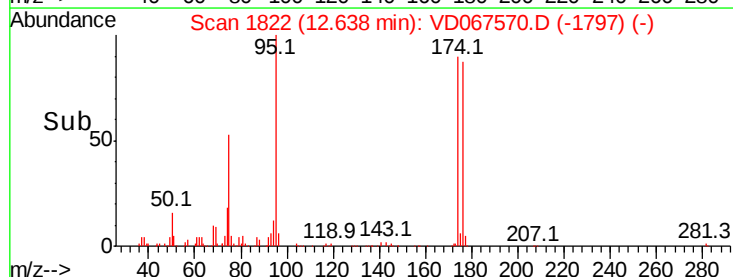
75 100

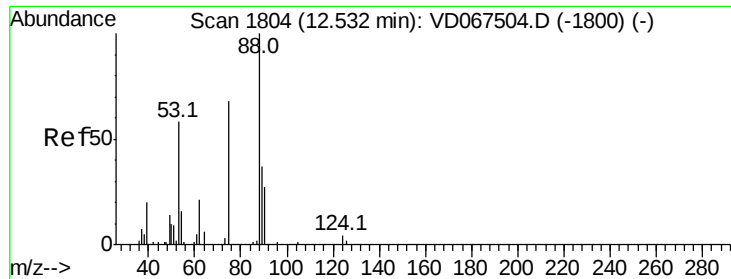
77 1.0 0.0 0.0#



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: 147.755 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067570.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 105741

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#

