

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067564.D
 Acq On : 09 Nov 2020 14:29
 Operator : VA/SY
 Sample : L4589-01
 Misc : 5.93G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 00:19:50 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

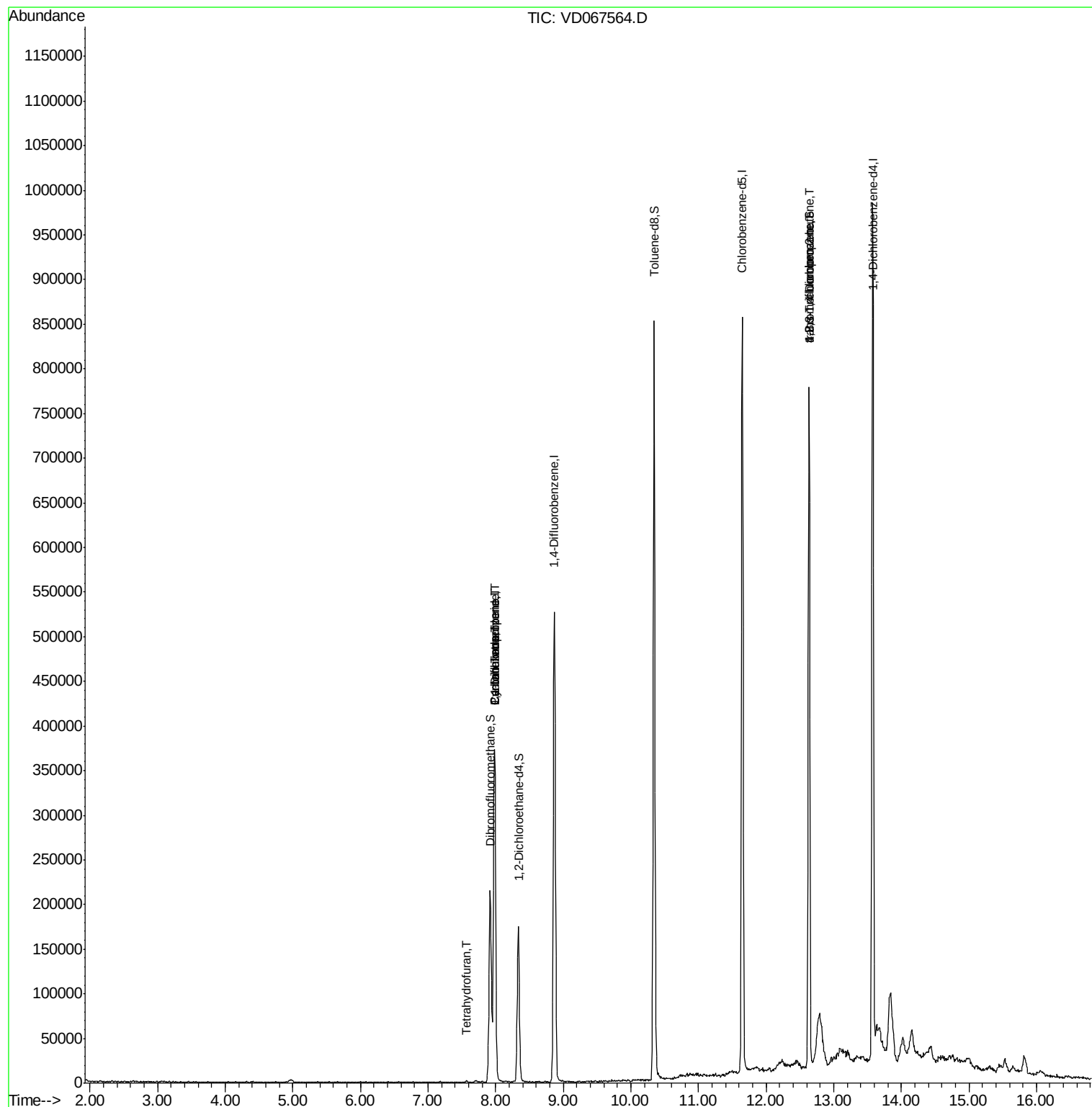
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	299357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	483364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	515391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	270887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	148379	56.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.38%	
35) Dibromofluoromethane	7.92	113	152120	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
50) Toluene-d8	10.34	98	582222	56.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.78%	
62) 4-Bromofluorobenzene	12.64	95	238021	67.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.72%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	151	Below Cal	#	44
29) Tetrahydrofuran	7.57	42	978	3.901	ug/l	88
31) Cyclohexane	7.98	56	5601	1.475	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	20287	4.903	ug/l #	50
38) Carbon Tetrachloride	7.98	117	29727	5.530	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	125249	76.645	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	125249	155.610	ug/l #	10

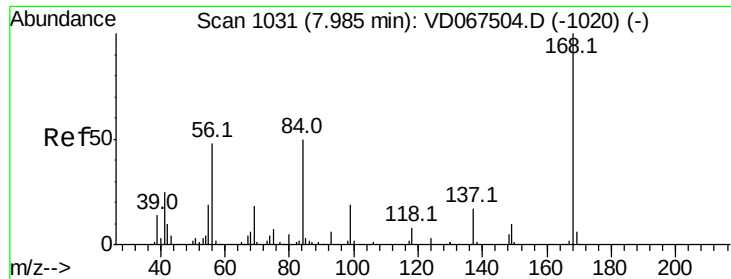
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110920\
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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: VD067564.D

Acq: 09 Nov 2020 14:29

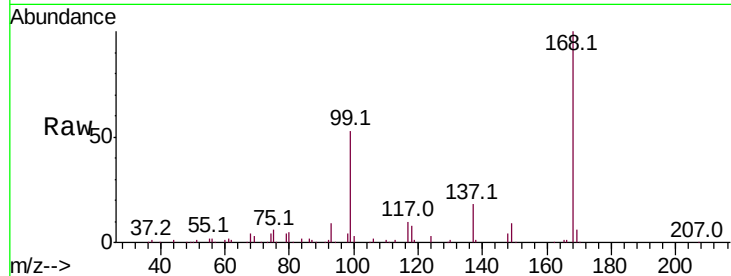
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 299357

Ion Ratio Lower Upper

168 100

99 52.8 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

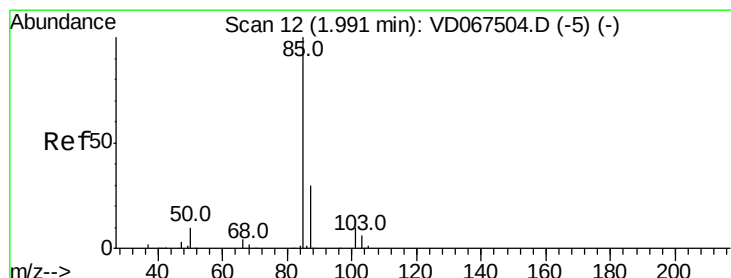
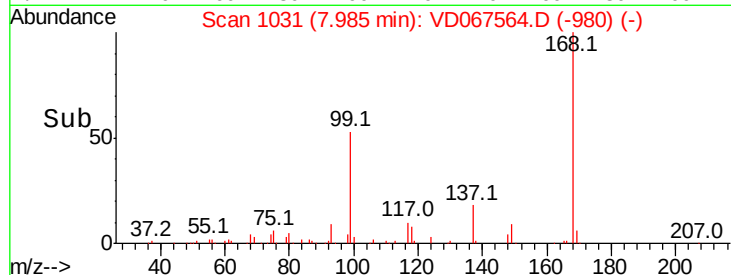
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067564.D

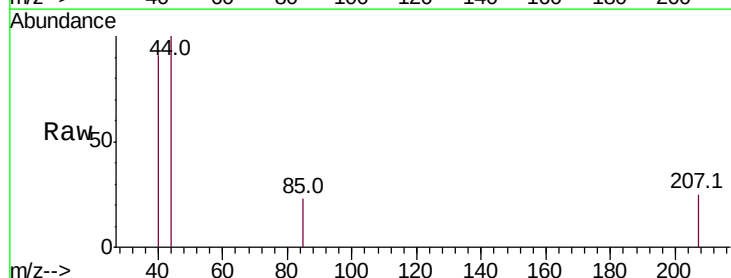
Acq: 09 Nov 2020 14:29

Tgt Ion: 85 Resp: 151

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

250

200

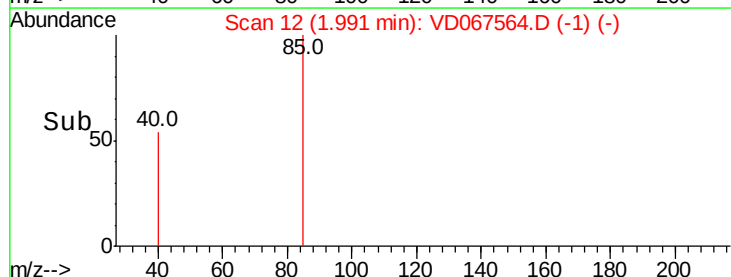
150

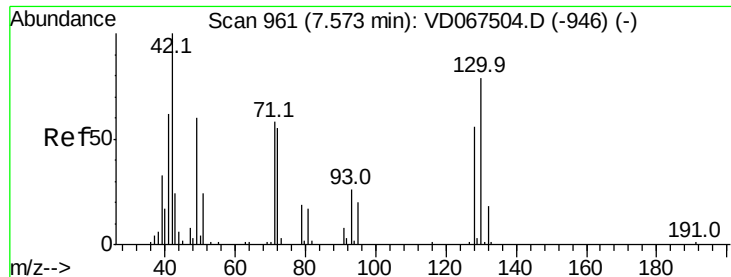
100

50

0

Time-->

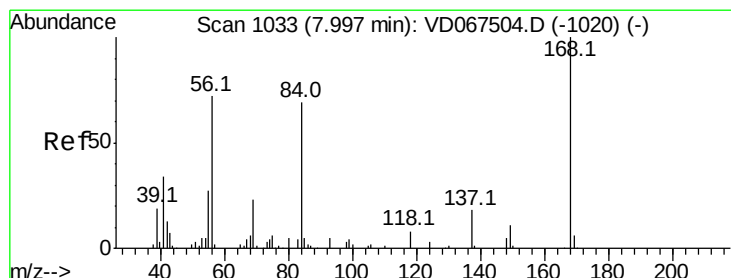
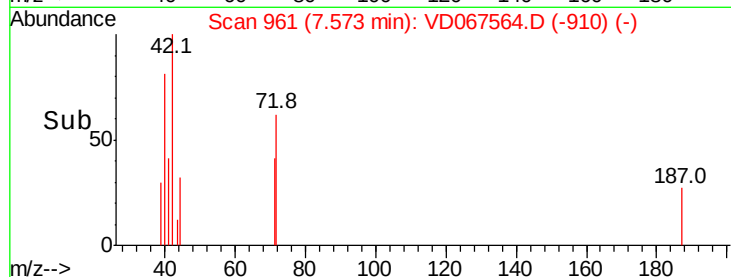
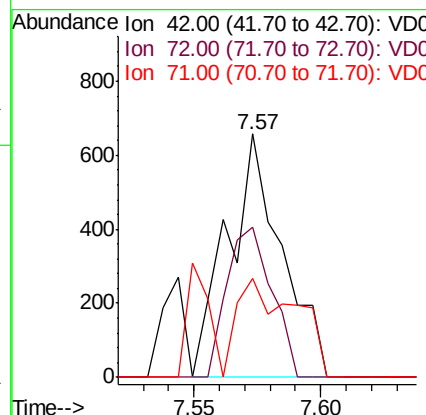
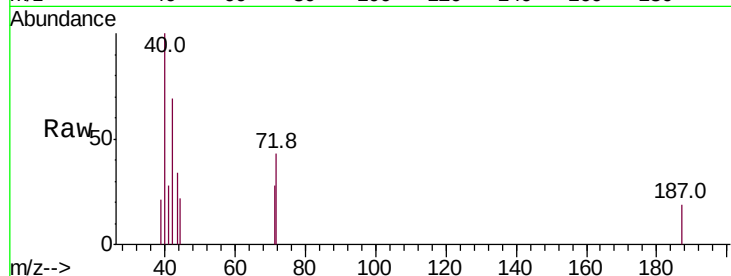




#29
Tetrahydrofuran
Concen: 3.901 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD067564.D
Acq: 09 Nov 2020 14:29

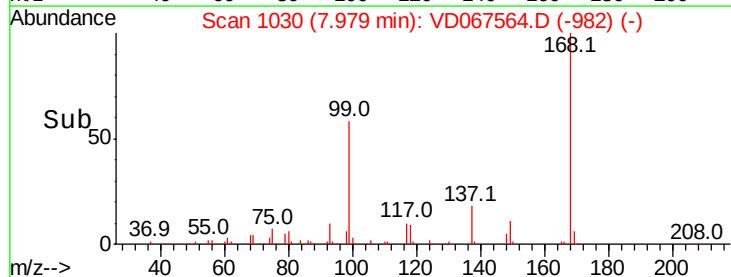
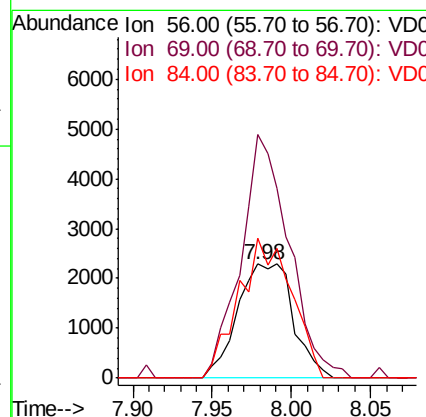
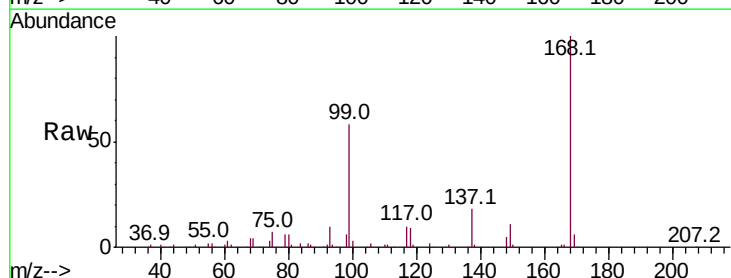
Instrument :
MSVOA_D
ClientSampled :

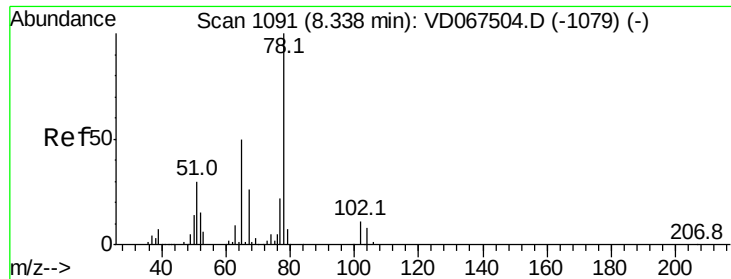
Tot Ion: 42 Resp: 978
Ion Ratio Lower Upper
42 100
72 51.2 46.3 69.5
71 44.1 44.0 66.0



#31
Cyclohexane
Concen: 1.475 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067564.D
Acq: 09 Nov 2020 14:29

Tgt Ion: 56 Resp: 5601
Ion Ratio Lower Upper
56 100
69 214.0 25.9 38.9#
84 123.5 76.2 114.4#

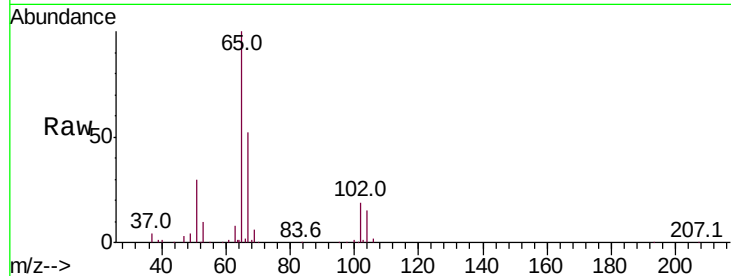




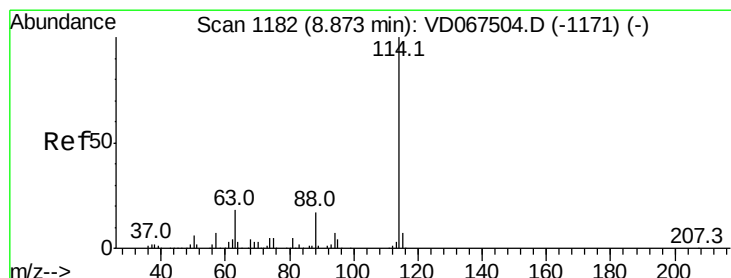
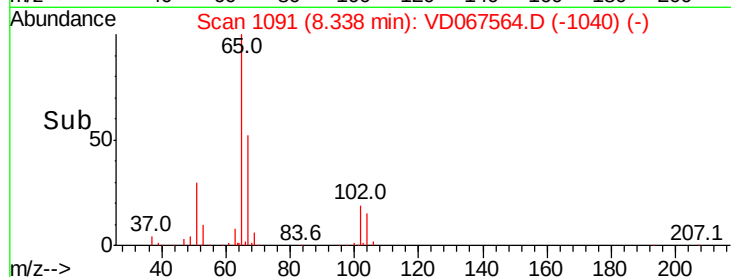
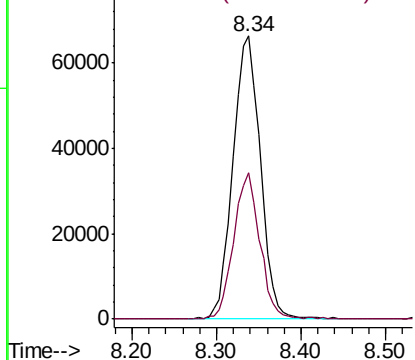
#33
 1,2-Dichloroethane-d4
 Concen: 56.686 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067564.D
 Acq: 09 Nov 2020 14:29

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 65 Resp: 148379
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 99.4

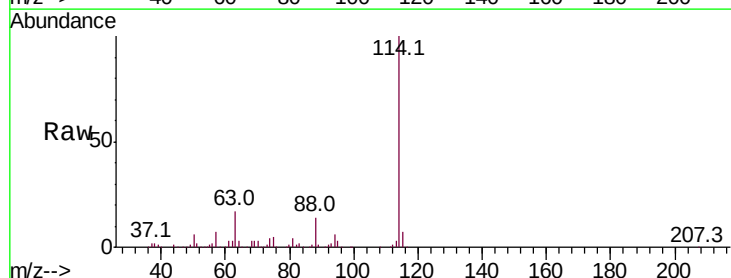


Abundance Ion 64.90 (64.60 to 65.60): VDC
 Ion 66.90 (66.60 to 67.60): VDC

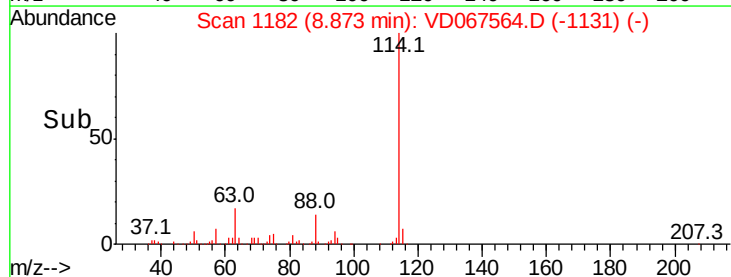
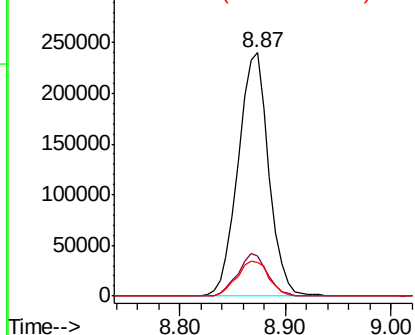


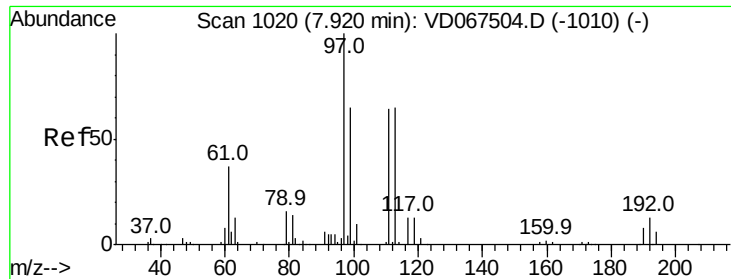
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VD067564.D
 Acq: 09 Nov 2020 14:29

Tgt Ion: 114 Resp: 483364
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 35.0
 88 13.6 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: 52.234 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067564.D

Acq: 09 Nov 2020 14:29

Instrument :
MSVOA_D
ClientSampleId :

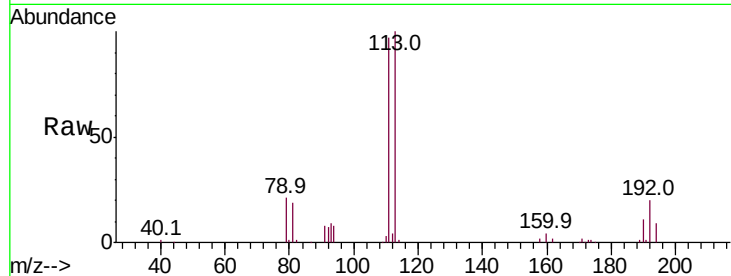
Tot Ion:113 Resp: 152120

Ion Ratio Lower Upper

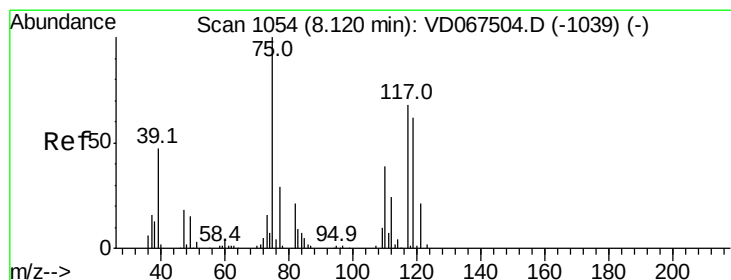
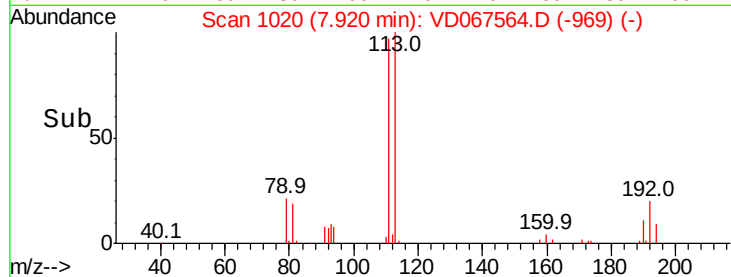
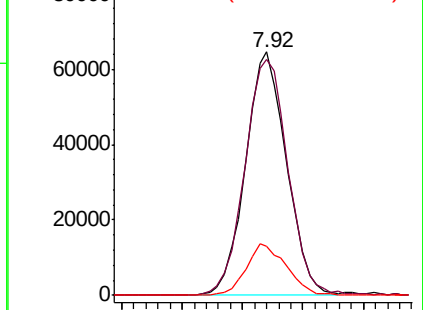
113 100

111 102.2 80.0 120.0

192 20.8 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: 4.903 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD067564.D

Acq: 09 Nov 2020 14:29

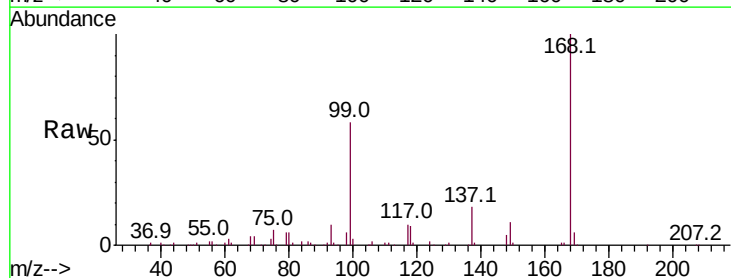
Tgt Ion: 75 Resp: 20287

Ion Ratio Lower Upper

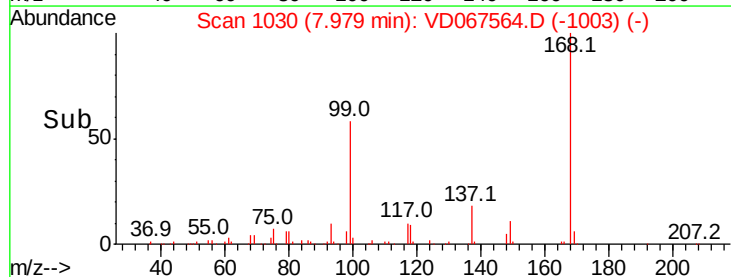
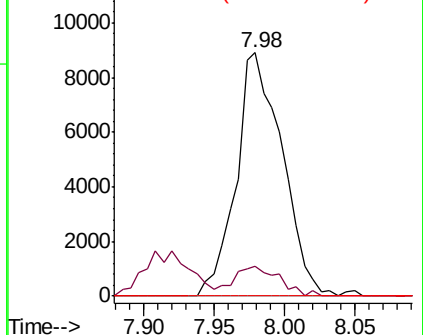
75 100

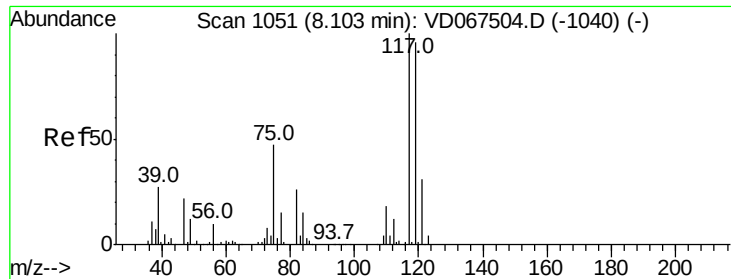
110 12.2 19.9 59.7#

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: 5.530 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067564.D

Acq: 09 Nov 2020 14:29

Instrument :

MSVOA_D

ClientSampled :

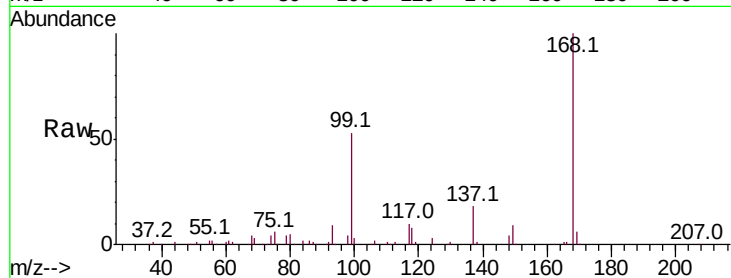
Tot Ion:117 Resp: 29727

Ion Ratio Lower Upper

117 100

119 5.7 76.9 115.3#

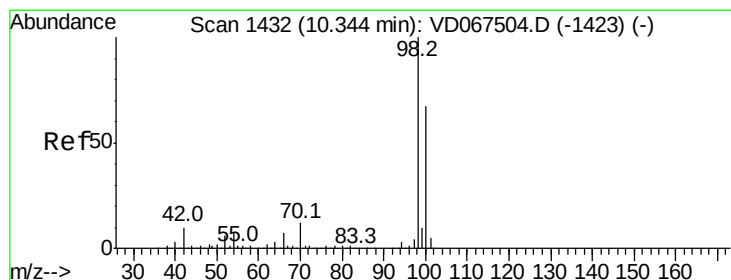
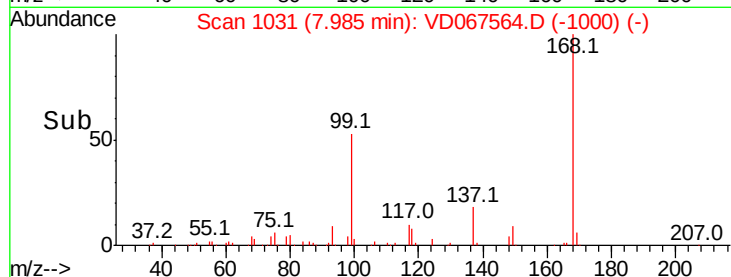
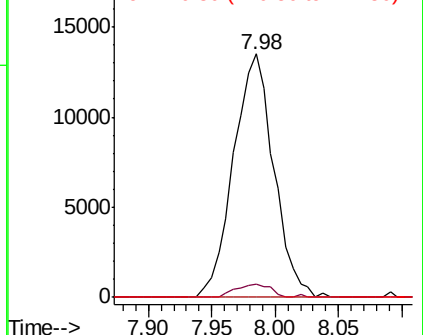
121 0.0 24.5 36.7#



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: 56.889 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067564.D

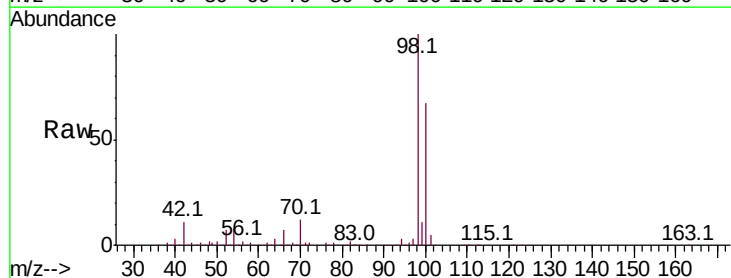
Acq: 09 Nov 2020 14:29

Tgt Ion: 98 Resp: 582222

Ion Ratio Lower Upper

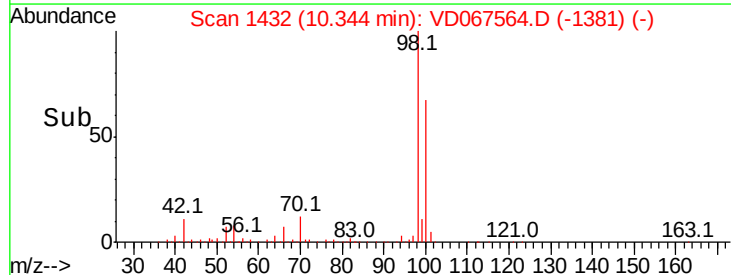
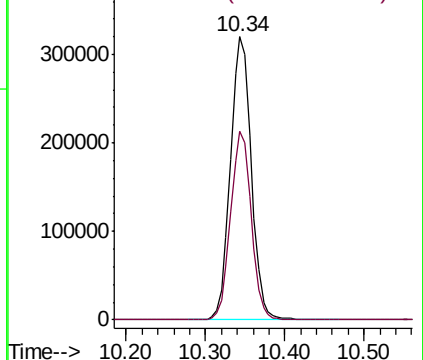
98 100

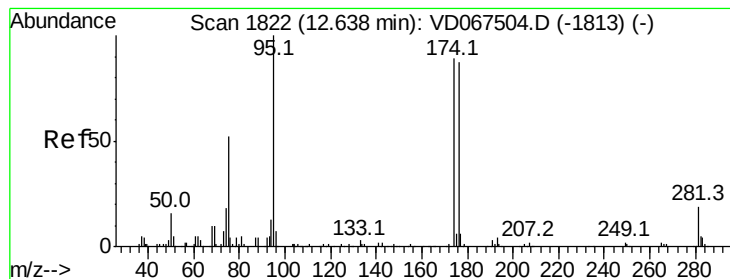
100 66.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 67.364 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067564.D

Acq: 09 Nov 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

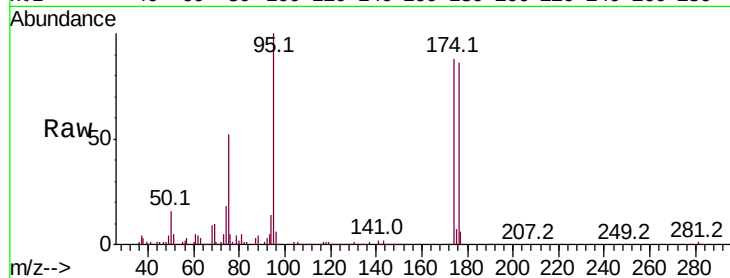
Tot Ion: 95 Resp: 238021

Ion Ratio Lower Upper

95 100

174 88.5 0.0 177.8

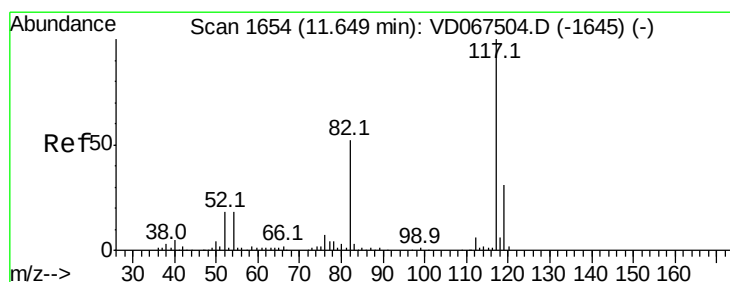
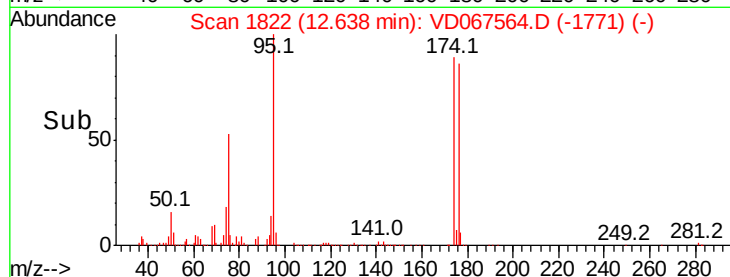
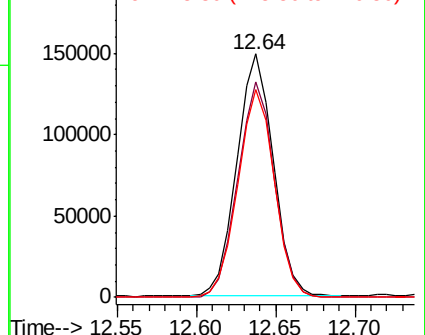
176 85.7 0.0 172.0



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: VD067564.D

Acq: 09 Nov 2020 14:29

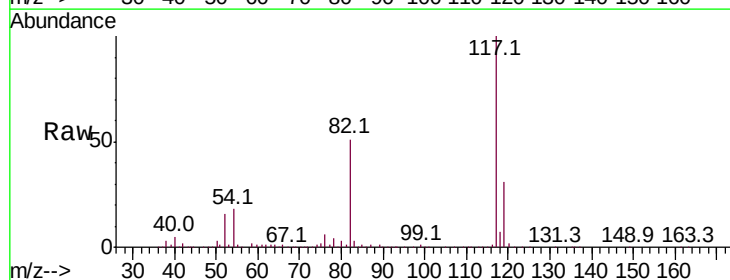
Tgt Ion: 117 Resp: 515391

Ion Ratio Lower Upper

117 100

82 50.8 41.6 62.4

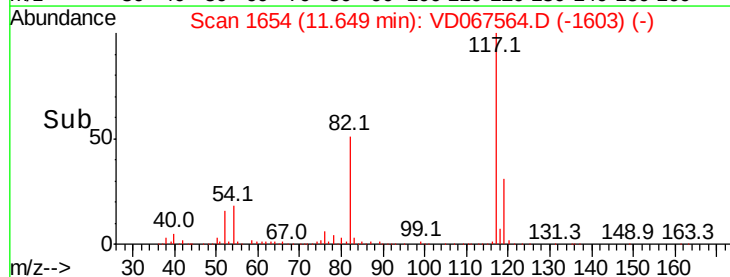
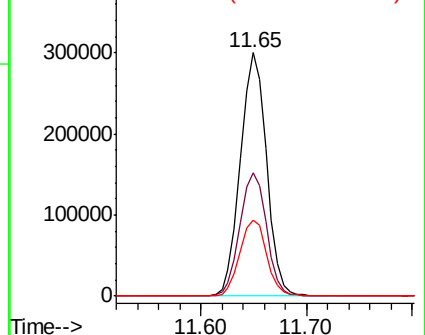
119 31.4 25.1 37.7

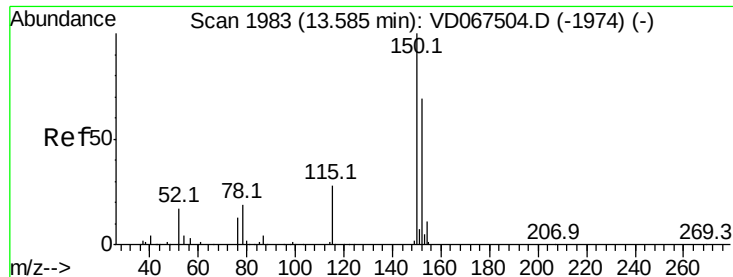


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



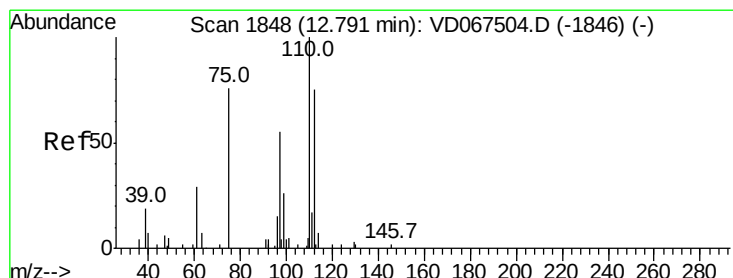
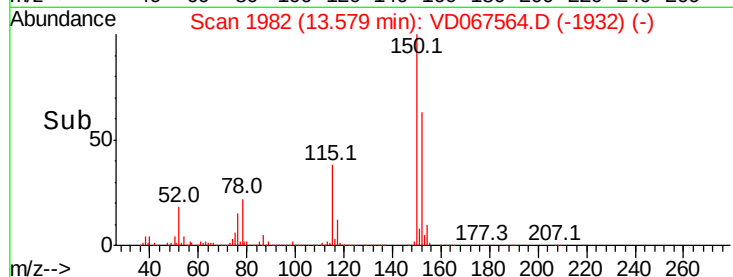
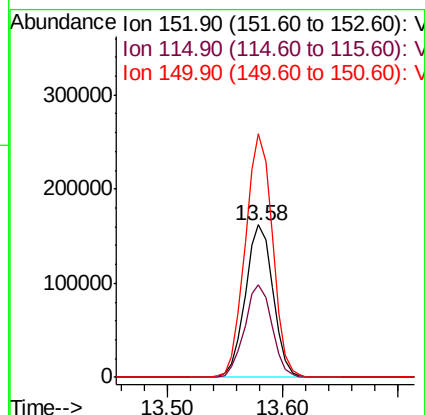
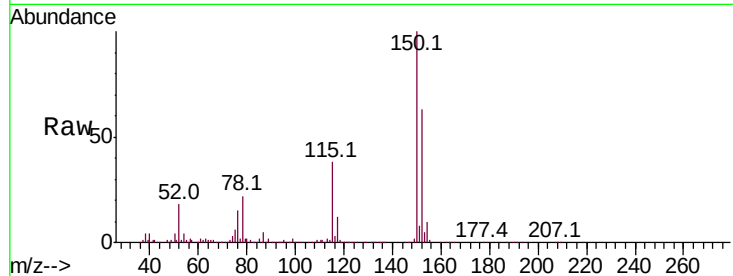


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067564.D
Acq: 09 Nov 2020 14:29

Instrument :
MSVOA_D
ClientSampleId :

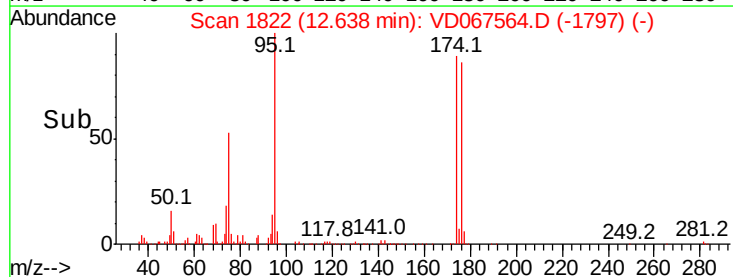
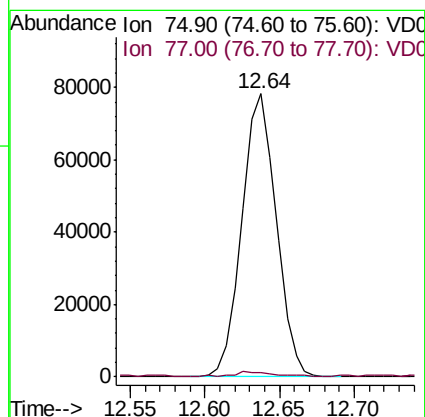
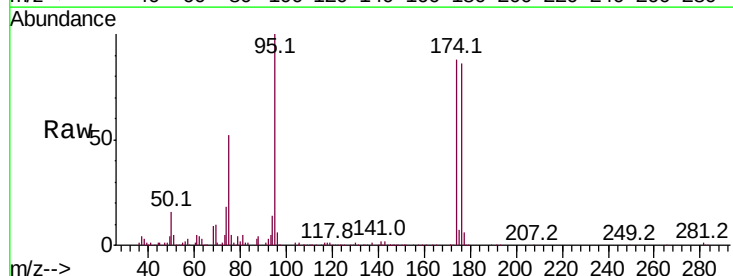
Tot Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.3	88.0
150	156.9	0.0	338.2

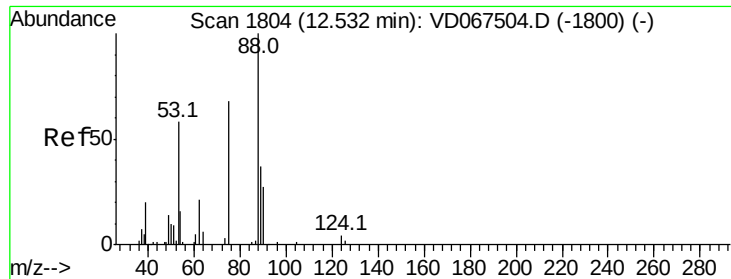


#76

1,2,3-Trichloropropane
Concen: 76.645 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067564.D
Acq: 09 Nov 2020 14:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	2.1	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 155.610 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067564.D

Acq: 09 Nov 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

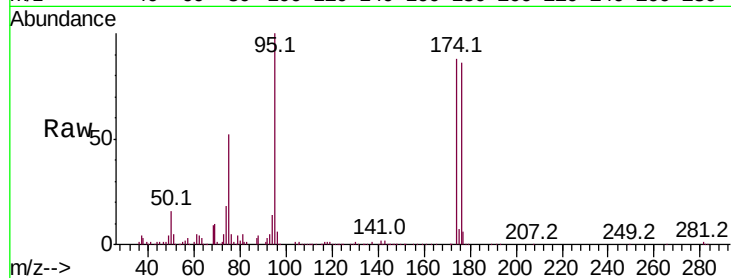
Tot Ion: 75 Resp: 125249

Ion Ratio Lower Upper

75 100

53 0.2 75.9 113.9#

89 0.0 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

