

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120820\
 Data File : VD067914.D
 Acq On : 08 Dec 2020 16:00
 Operator : VA/SY
 Sample : L4982-01
 Misc : 4.46G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-36-5-WC

Quant Time: Dec 09 04:28:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	245839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	337407	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	297508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	147811	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	116025	43.96	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.92%
35) Dibromofluoromethane	7.92	113	102484	45.39	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.78%
50) Toluene-d8	10.34	98	382398	47.05	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.10%
62) 4-Bromofluorobenzene	12.64	95	124381	44.27	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.54%

Target Compounds

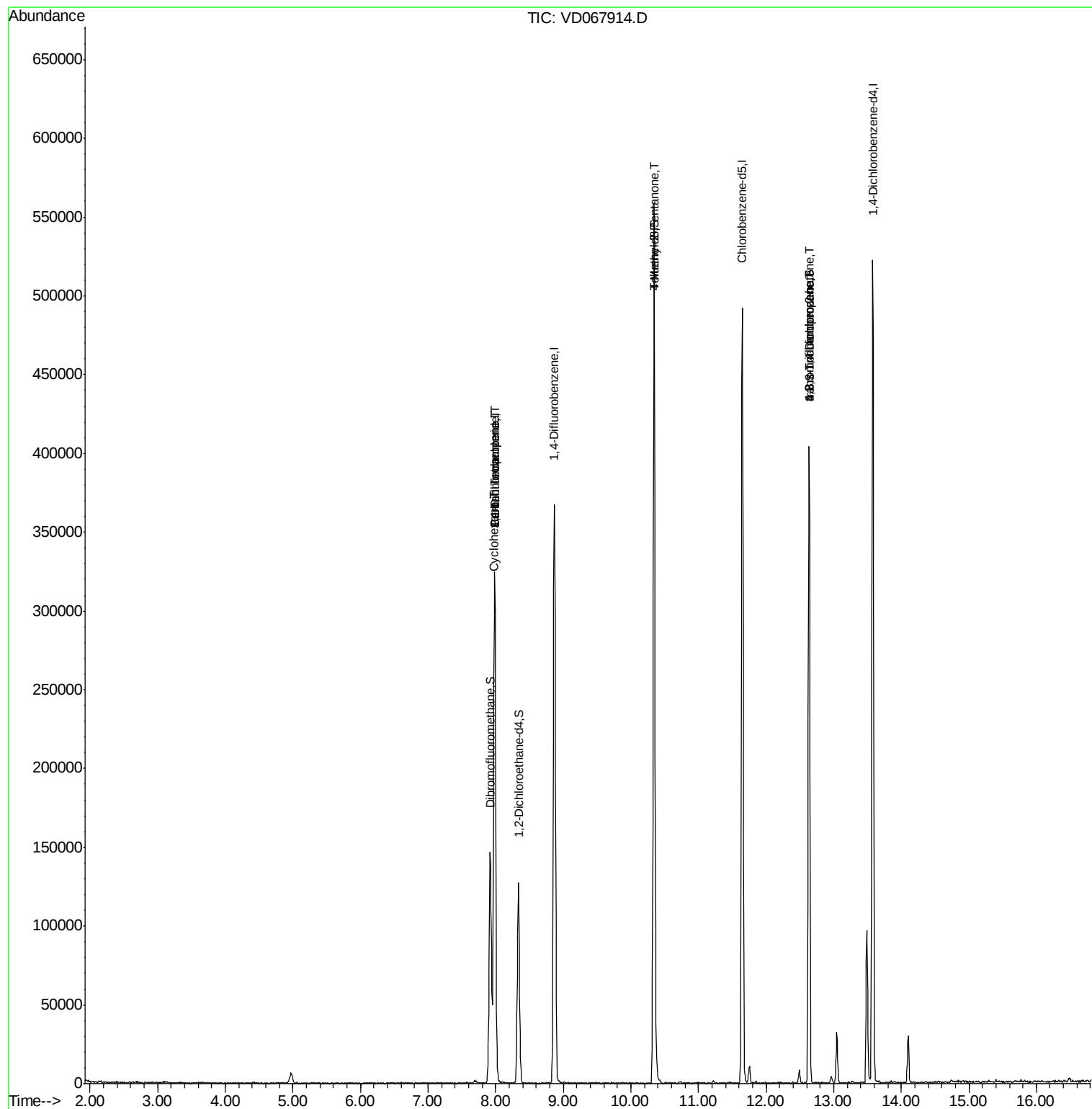
					Qvalue
20) Methylene Chloride	4.97	84	6731	Below Cal	89
31) Cyclohexane	7.97	56	4307	1.549 ug/l #	43
36) 1,1-Dichloropropene	7.98	75	17033	5.831 ug/l #	50
38) Carbon Tetrachloride	7.98	117	25368	5.740 ug/l #	13
51) 4-Methyl-2-Pentanone	10.34	43	1232	1.681 ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	67909	63.089 ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.64	75	67909	150.914 ug/l #	7

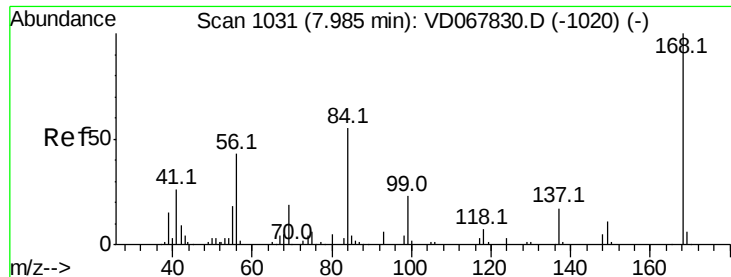
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120820\
Data File : VD067914.D
Acq On : 08 Dec 2020 16:00
Operator : VA/SY
Sample : L4982-01
Misc : 4.46G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleID :
R-LA-36-5-WC

Quant Time: Dec 09 04:28:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 02 08:05:58 2020
Response via : Initial Calibration



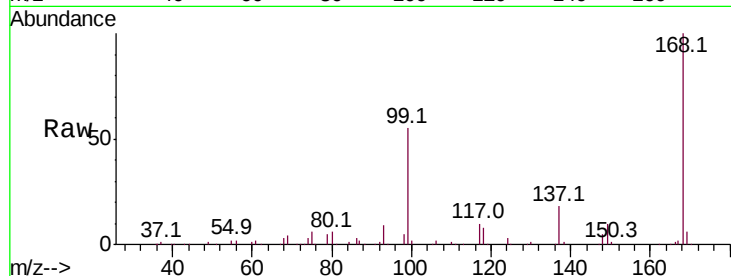


#1

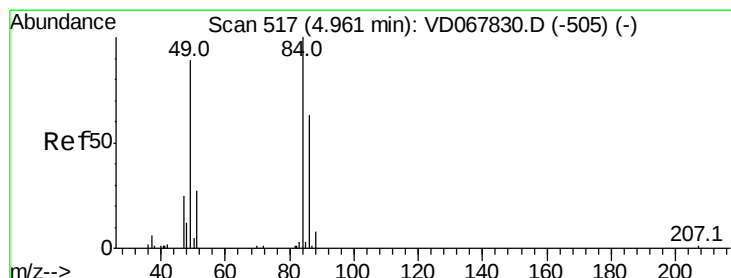
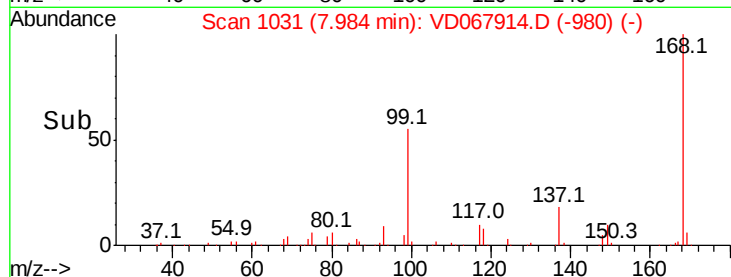
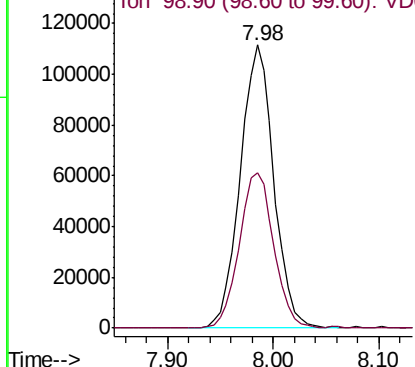
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VD067914.D
 Acq: 08 Dec 2020 16:00

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-36-5-WC

Tot Ion:168 Resp: 245839
 Ion Ratio Lower Upper
 168 100
 99 55.0 47.1 70.7



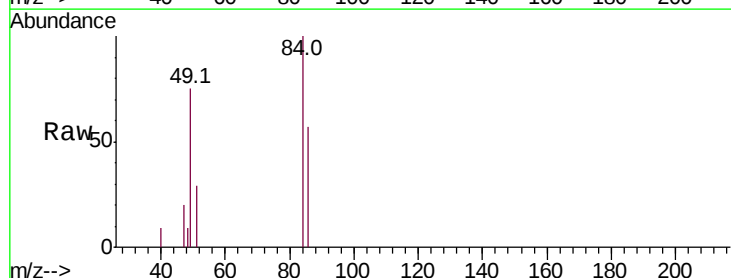
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VDC



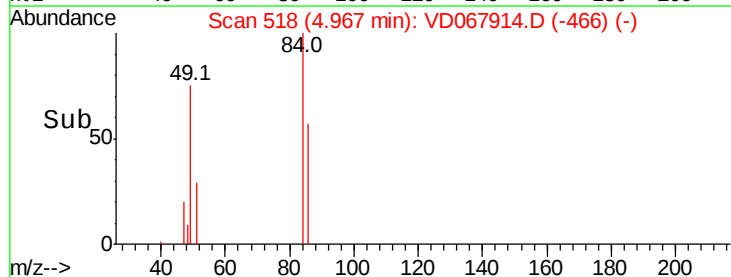
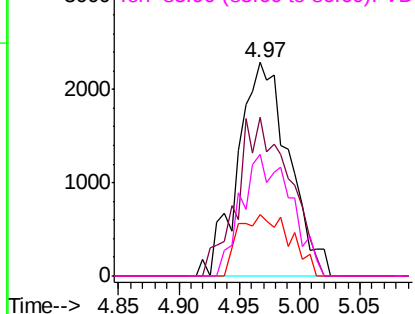
#20

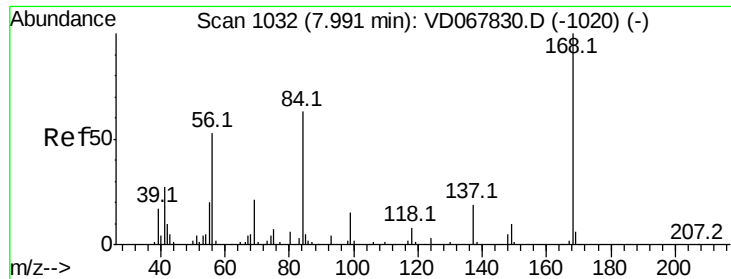
Methylene Chloride
 Concen: Below Cal
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD067914.D
 Acq: 08 Dec 2020 16:00

Tgt Ion: 84 Resp: 6731
 Ion Ratio Lower Upper
 84 100
 49 74.6 71.4 107.0
 51 28.6 21.8 32.8
 86 57.1 50.6 75.8



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

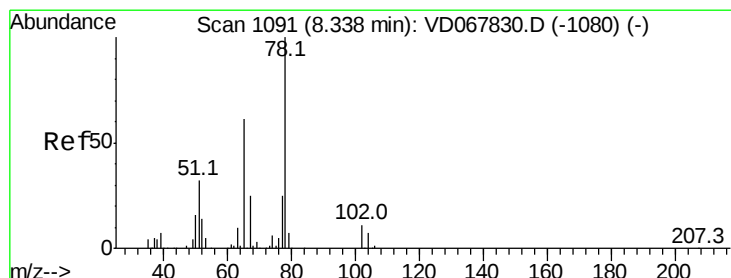
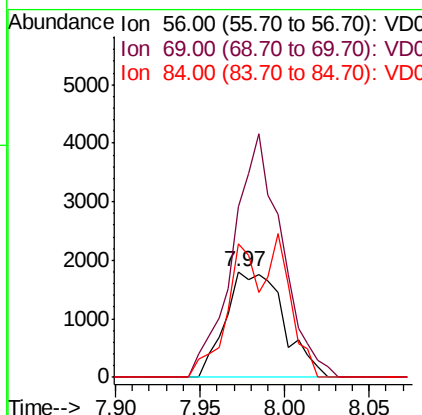
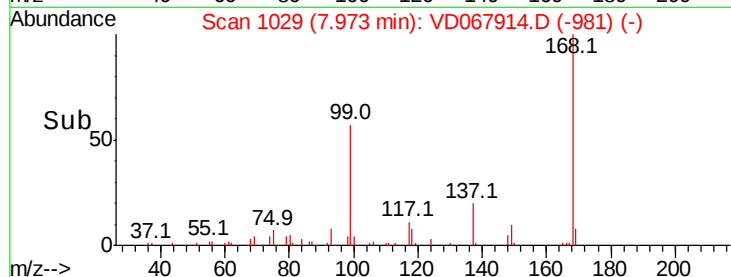
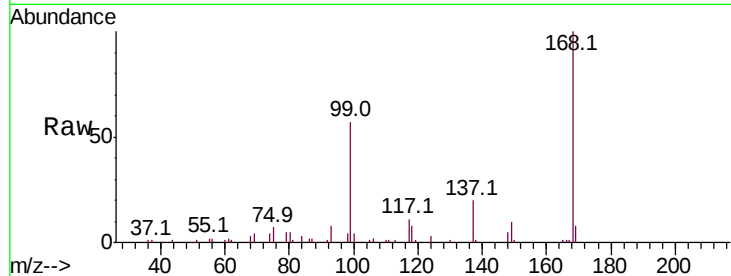




#31
Cyclohexane
Concen: 1.549 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.02 min
Lab File: VD067914.D
Acq: 08 Dec 2020 16:00

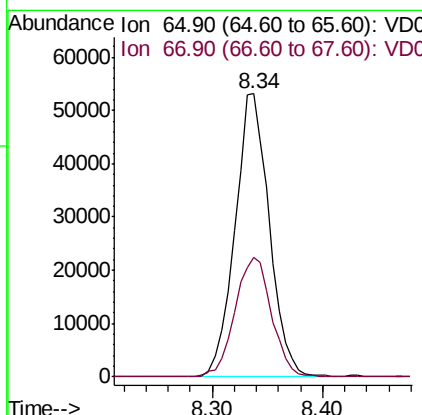
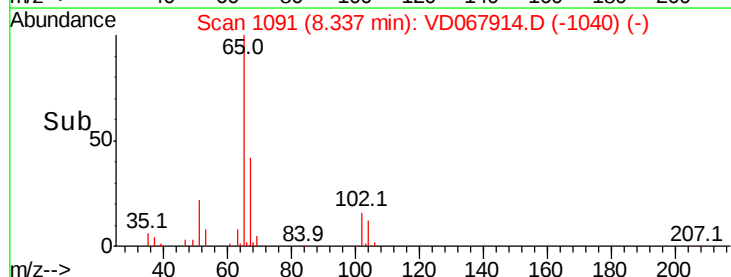
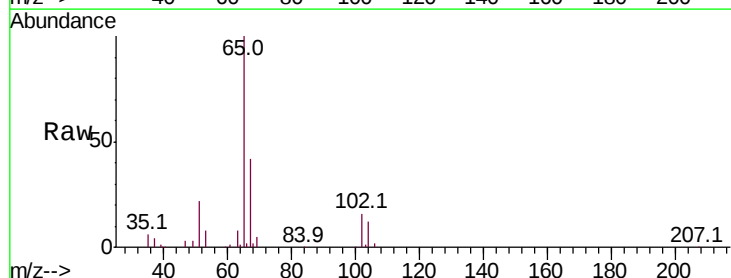
Instrument :
MSVOA_D
ClientSampleID :
R-LA-36-5-WC

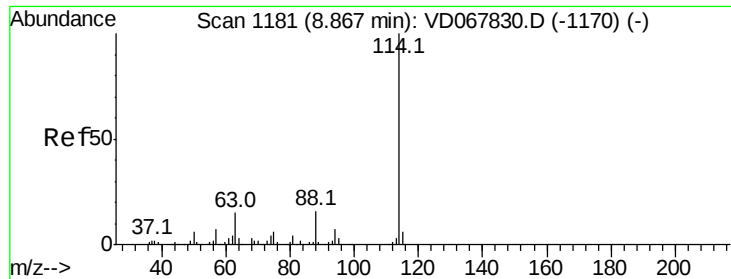
Tot Ion: 56 Resp: 4307
Ion Ratio Lower Upper
56 100
69 160.9 32.1 48.1#
84 126.5 93.2 139.8



#33
1,2-Dichloroethane-d4
Concen: 43.962 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD067914.D
Acq: 08 Dec 2020 16:00

Tgt Ion: 65 Resp: 116025
Ion Ratio Lower Upper
65 100
67 44.8 0.0 92.0

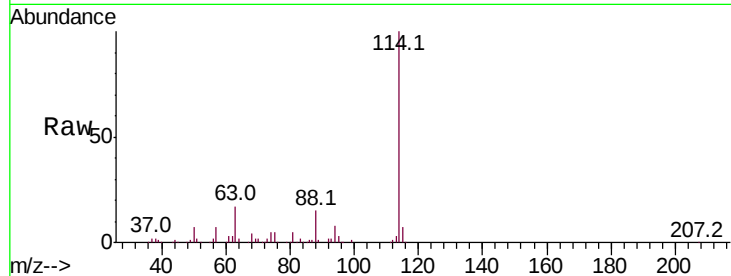




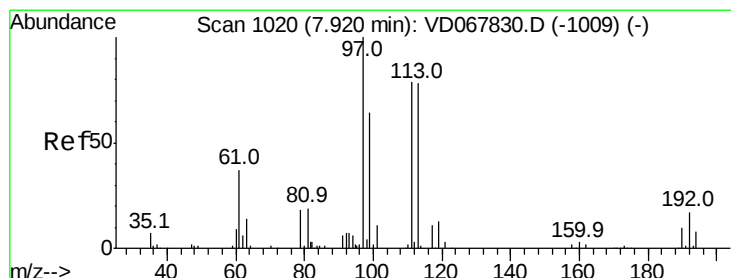
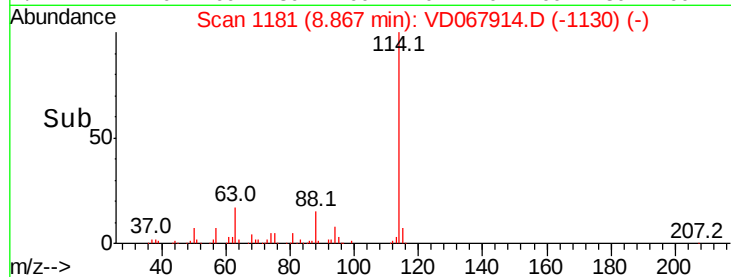
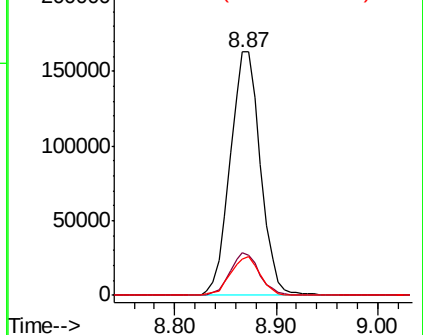
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067914.D
 Acq: 08 Dec 2020 16:00

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-36-5-WC

Tot Ion:114 Resp: 337407
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 30.8
 88 15.2 0.0 31.8

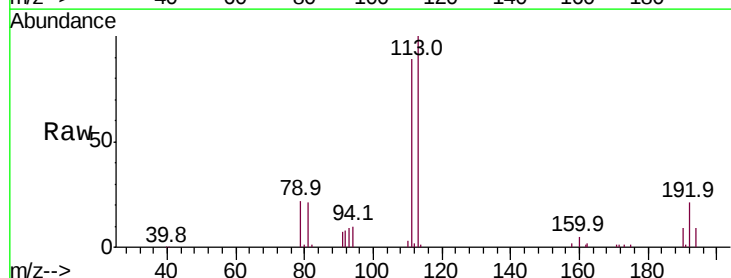


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

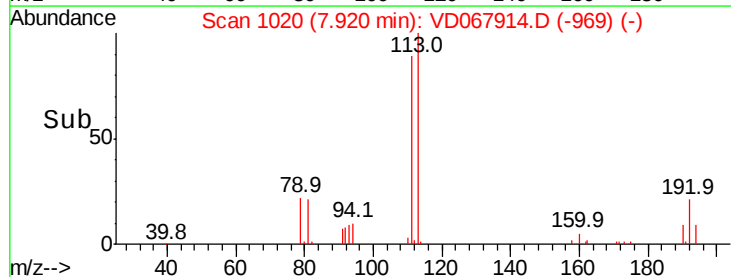
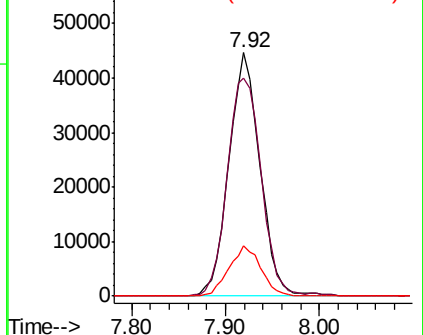


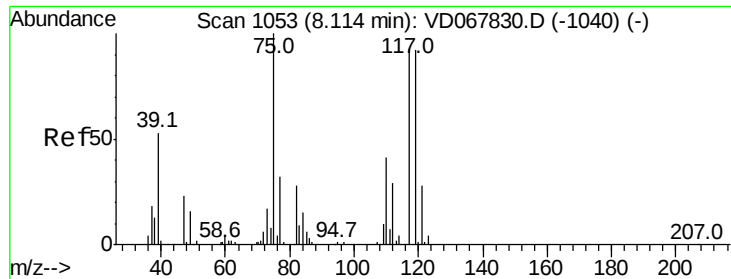
#35
 Dibromofluoromethane
 Concen: 45.392 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067914.D
 Acq: 08 Dec 2020 16:00

Tgt Ion:113 Resp: 102484
 Ion Ratio Lower Upper
 113 100
 111 98.5 81.2 121.8
 192 21.1 16.8 25.2



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

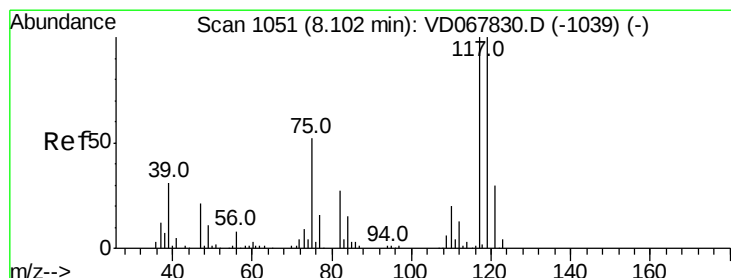
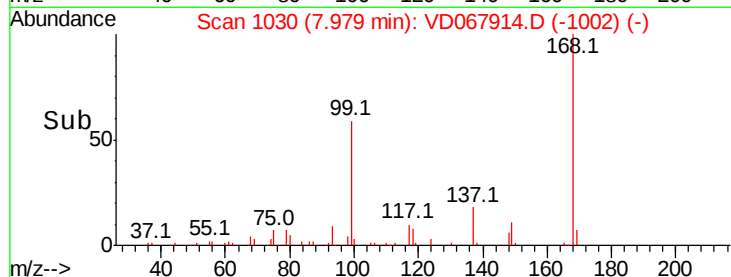
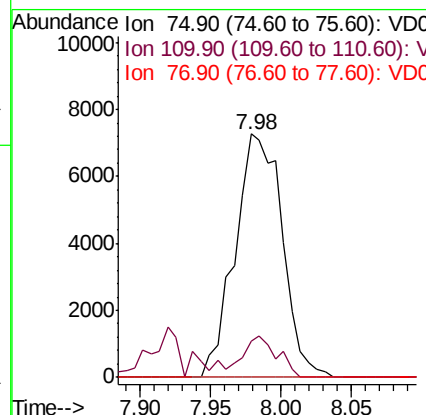
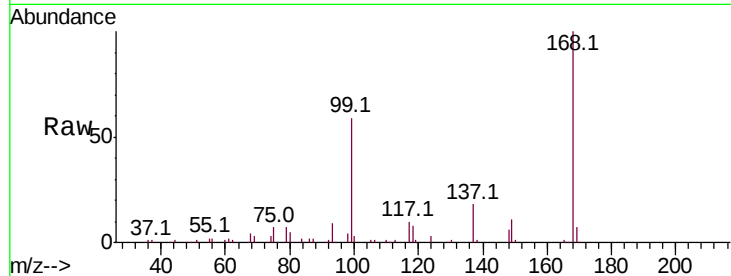




#36
 1,1-Dichloropropene
 Concen: 5.831 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD067914.D
 Acq: 08 Dec 2020 16:00

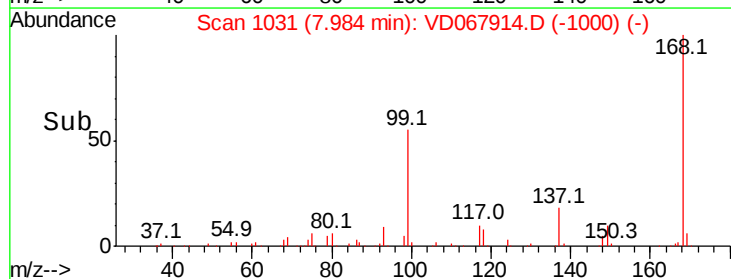
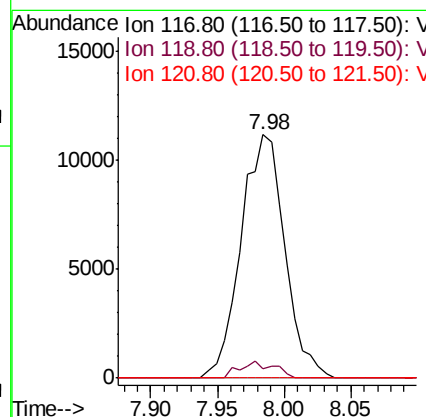
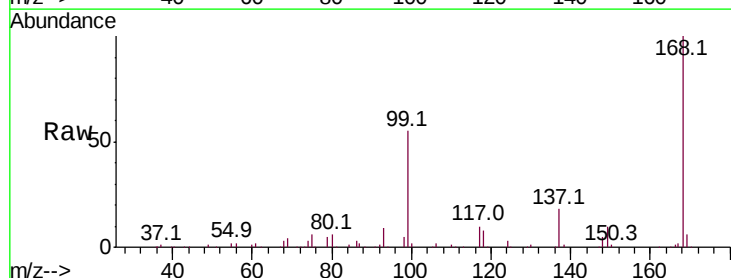
Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-36-5-WC

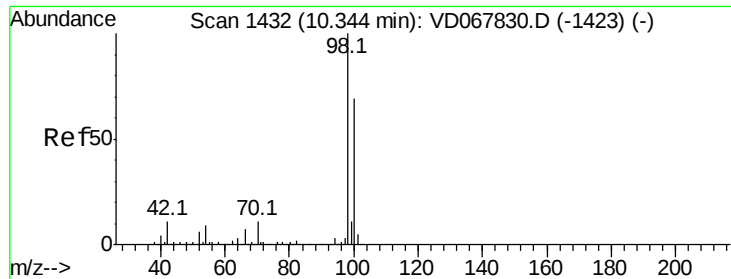
Tot Ion: 75 Resp: 17033
 Ion Ratio Lower Upper
 75 100
 110 12.3 20.3 61.0#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.740 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VD067914.D
 Acq: 08 Dec 2020 16:00

Tgt Ion: 117 Resp: 25368
 Ion Ratio Lower Upper
 117 100
 119 3.7 79.7 119.5#
 121 0.0 23.8 35.6#

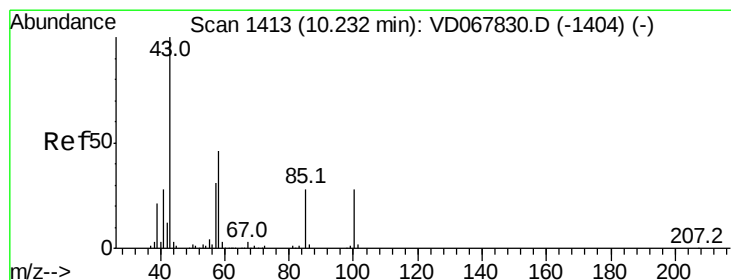
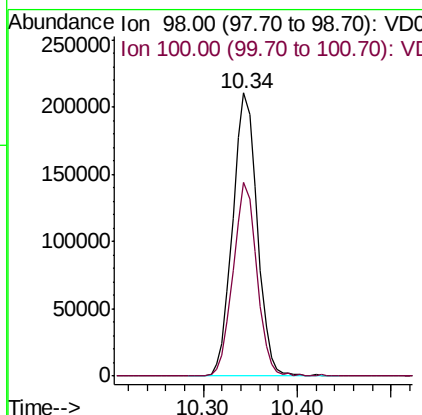
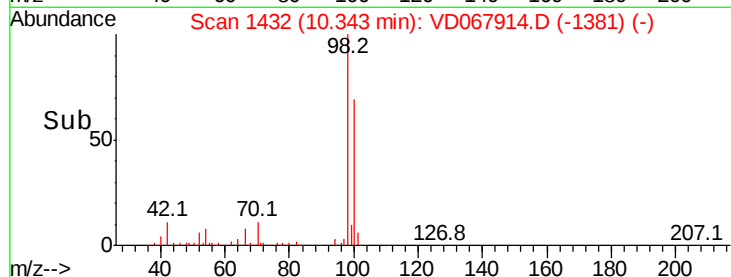
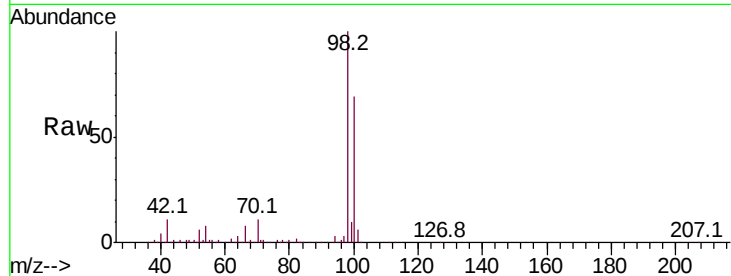




#50
Toluene-d8
Concen: 47.050 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067914.D
Acq: 08 Dec 2020 16:00

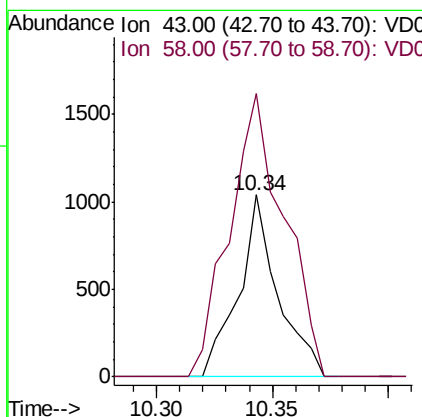
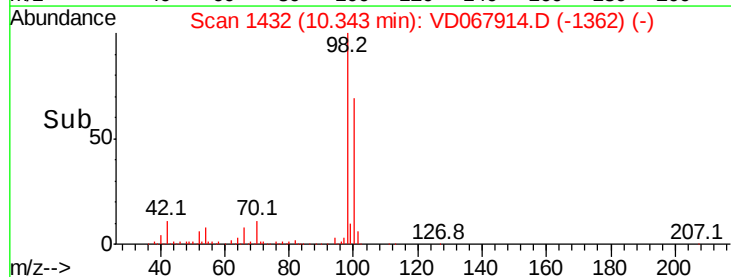
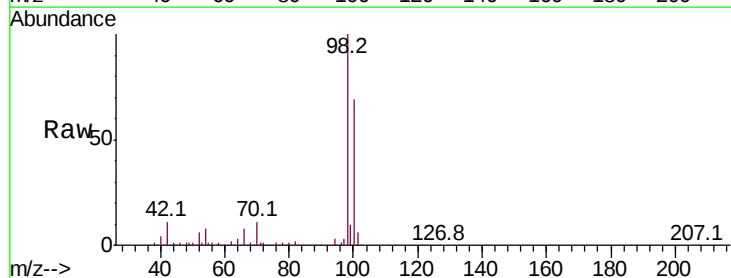
Instrument :
MSVOA_D
ClientSampleId :
R-LA-36-5-WC

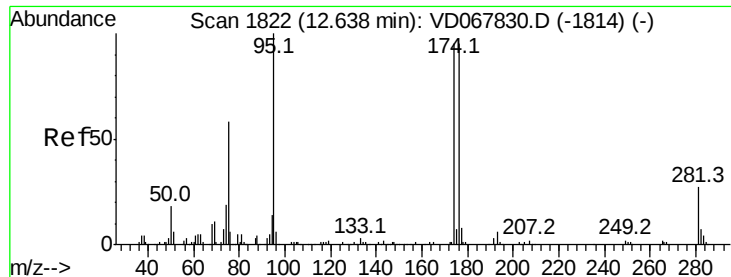
Tot Ion: 98 Resp: 382398
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 1.681 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.11 min
Lab File: VD067914.D
Acq: 08 Dec 2020 16:00

Tgt Ion: 43 Resp: 1232
Ion Ratio Lower Upper
43 100
58 216.0 35.7 53.5#





#62

4-Bromofluorobenzene

Concen: 44.266 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067914.D

Acq: 08 Dec 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

R-LA-36-5-WC

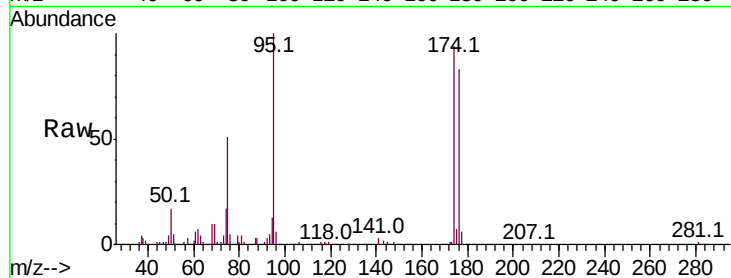
Tot Ion: 95 Resp: 124381

Ion Ratio Lower Upper

95 100

174 95.0 0.0 186.0

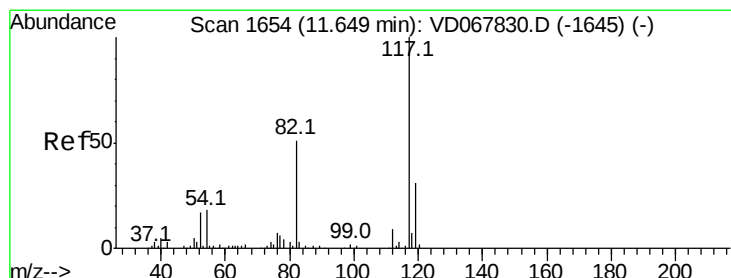
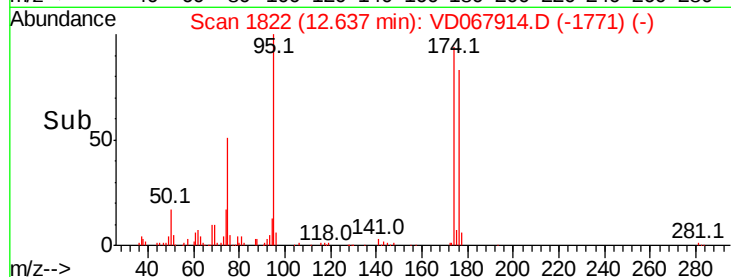
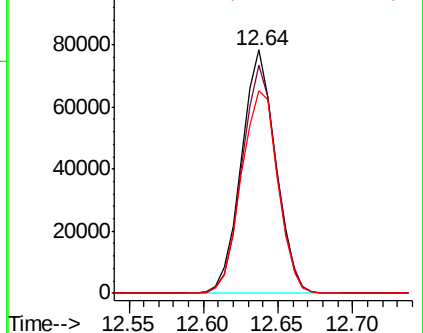
176 88.8 0.0 184.2



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: VD067914.D

Acq: 08 Dec 2020 16:00

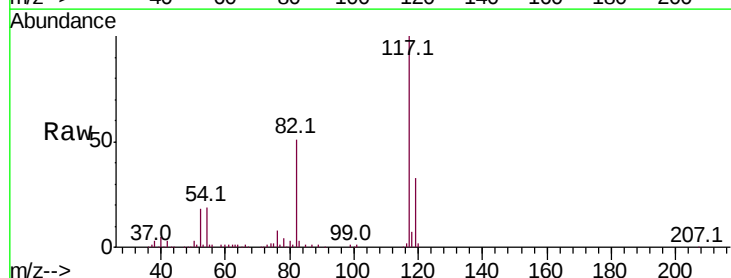
Tgt Ion: 117 Resp: 297508

Ion Ratio Lower Upper

117 100

82 50.6 40.6 60.8

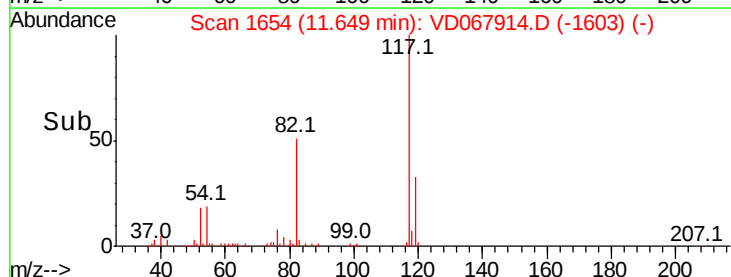
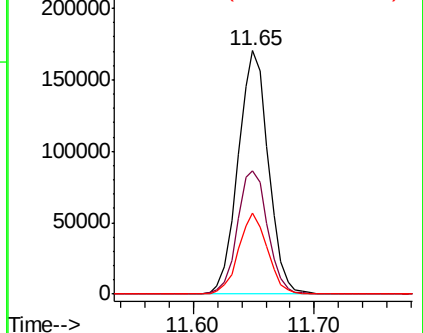
119 33.1 25.1 37.7

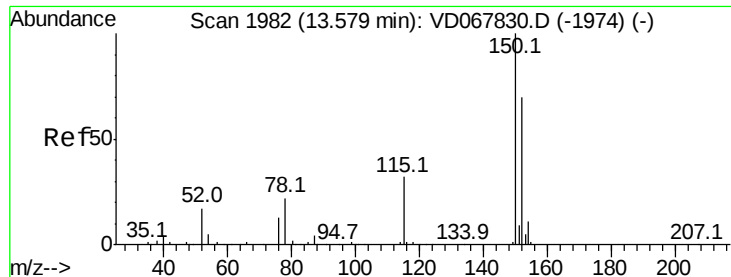


Abundance Ion 116.90 (116.60 to 117.60): V

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. -0.00 min

Lab File: VD067914.D

Acq: 08 Dec 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

R-LA-36-5-WC

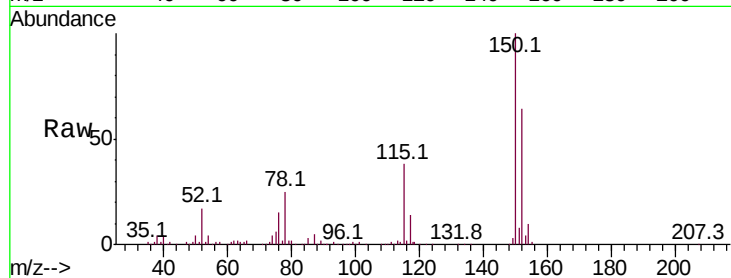
Tot Ion:152 Resp: 147811

Ion Ratio Lower Upper

152 100

115 58.0 29.1 87.4

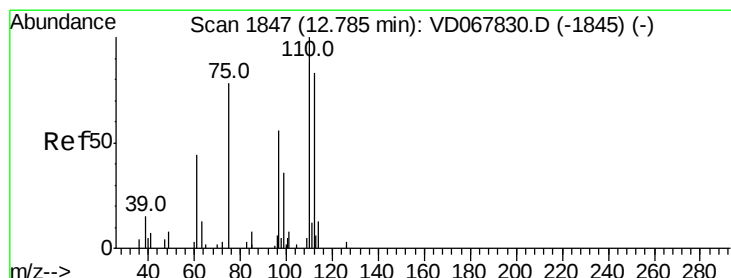
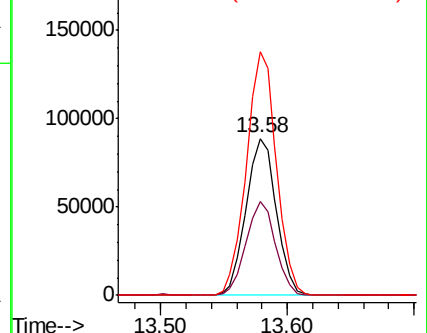
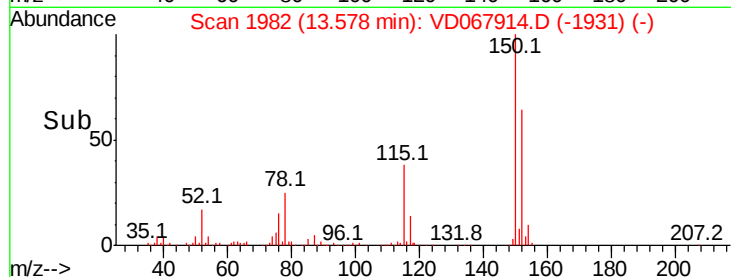
150 153.0 0.0 339.0



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: 63.089 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067914.D

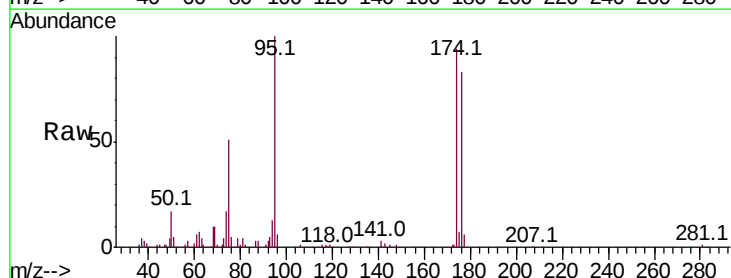
Acq: 08 Dec 2020 16:00

Tgt Ion: 75 Resp: 67909

Ion Ratio Lower Upper

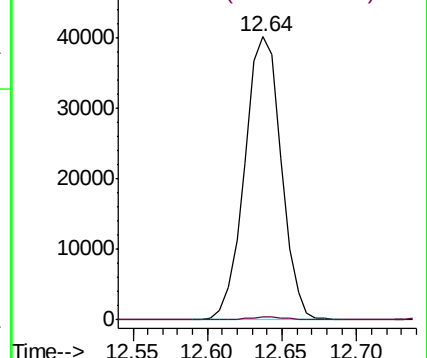
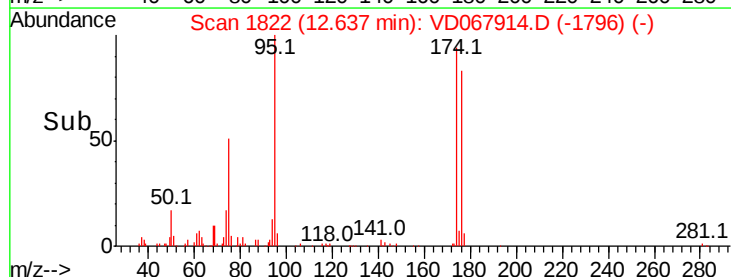
75 100

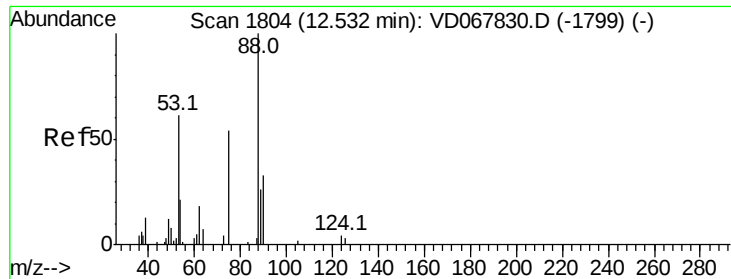
77 0.9 175.9 527.7#



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: 150.914 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067914.D

Acq: 08 Dec 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

R-LA-36-5-WC

Tot Ion: 75 Resp: 67909

Ion Ratio Lower Upper

75 100

53 0.0 84.6 127.0#

89 0.0 41.0 61.6#

