

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101220\
 Data File : VD067229.D
 Acq On : 12 Oct 2020 13:03
 Operator : VA/SY
 Sample : L4225-05
 Misc : 7.91G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-100920

Quant Time: Oct 13 00:16:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

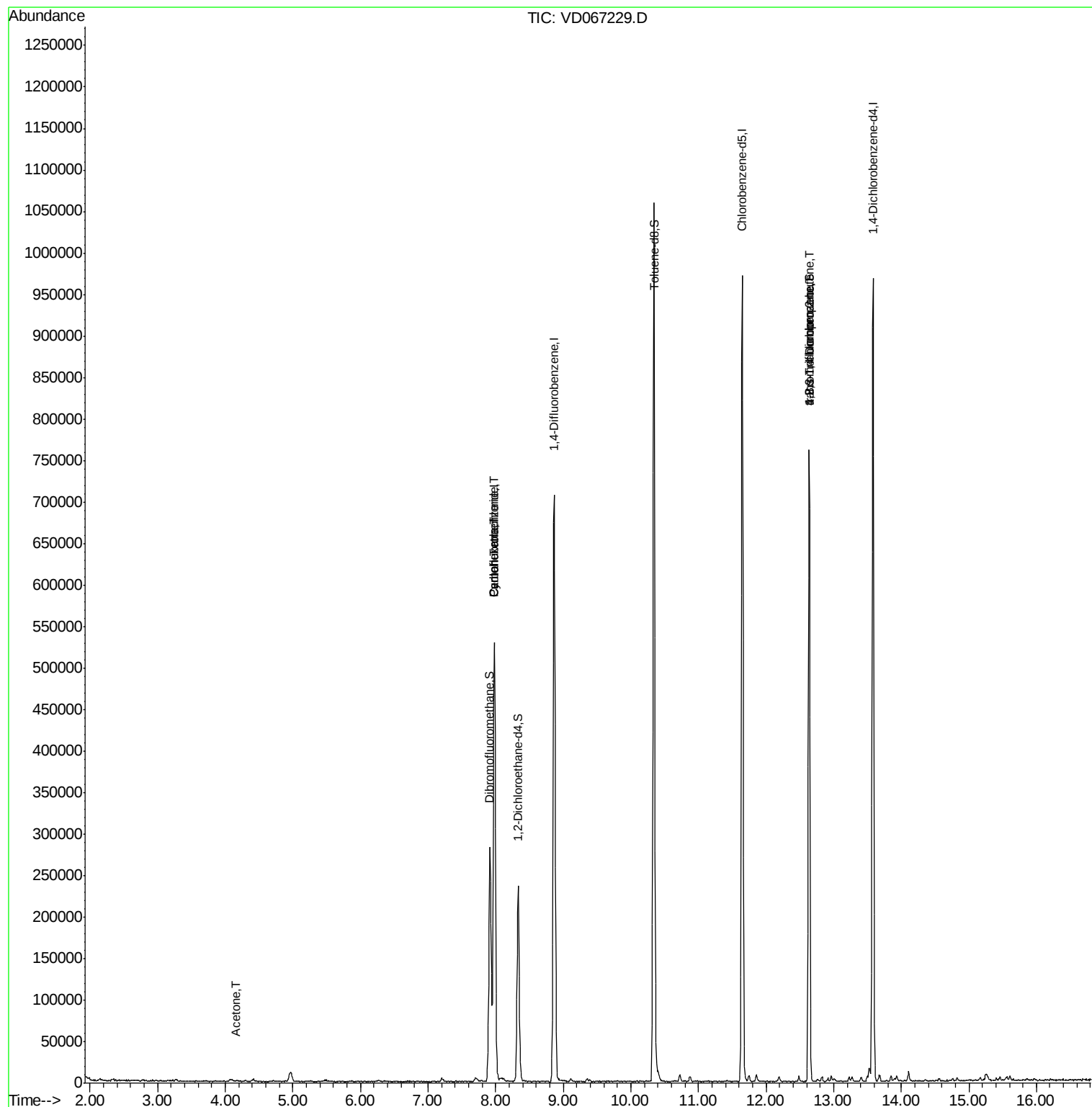
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	398988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	634244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	581726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	269021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	189739	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
35) Dibromofluoromethane	7.91	113	203487	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	10.34	98	726039	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.64	95	244899	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	1297	Below Cal		81
5) Bromomethane	2.77	94	1262	Below Cal	#	59
16) Acetone	4.16	43	1284	2.189	ug/l #	86
20) Methylene Chloride	4.98	84	10438	Below Cal	#	69
26) 2,2-Dichloropropane	7.21	77	1640	Below Cal		82
31) Cyclohexane	7.98	56	8682	1.504	ug/l #	1
38) Carbon Tetrachloride	7.98	117	41712	6.521	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	120878	51.585	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	120878	128.609	ug/l #	12

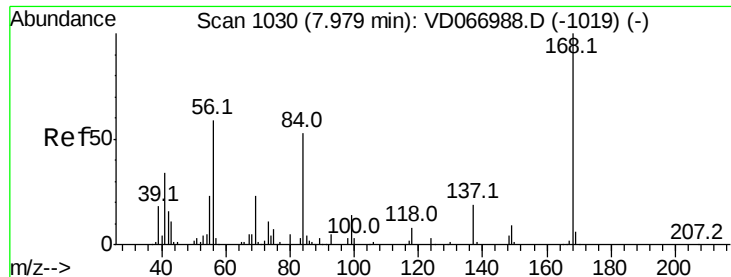
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101220\
Data File : VD067229.D
Acq On : 12 Oct 2020 13:03
Operator : VA/SY
Sample : L4225-05
Misc : 7.91G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-01-100920

Quant Time: Oct 13 00:16:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067229.D

Acq: 12 Oct 2020 13:03

Instrument :

MSVOA_D

ClientSampleId :

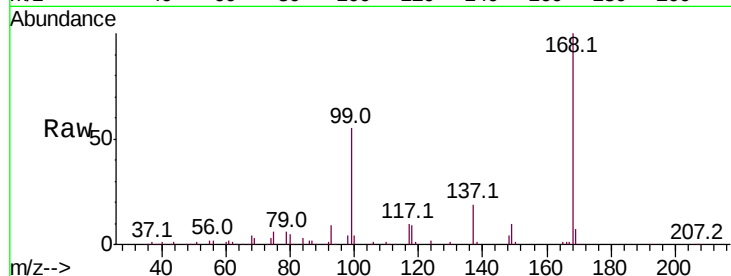
SU-01-100920

Tot Ion:168 Resp: 398988

Ion Ratio Lower Upper

168 100

99 54.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

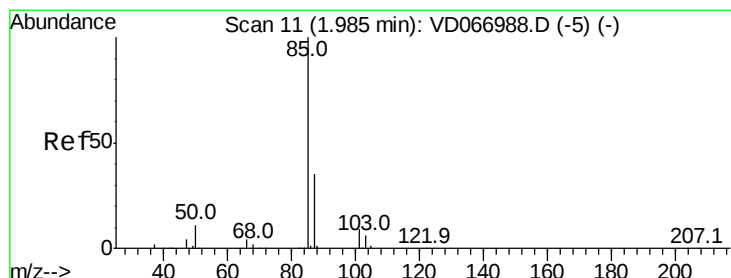
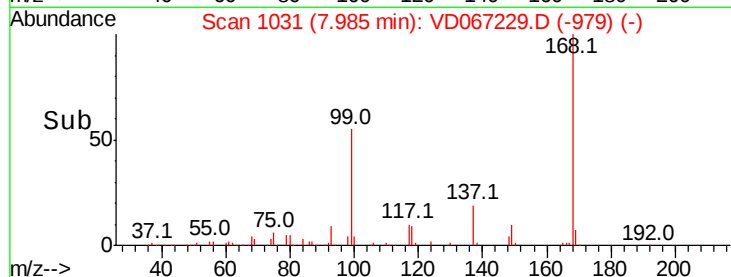
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067229.D

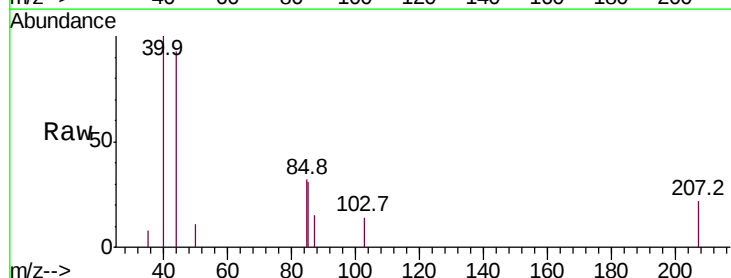
Acq: 12 Oct 2020 13:03

Tgt Ion: 85 Resp: 1297

Ion Ratio Lower Upper

85 100

87 23.4 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

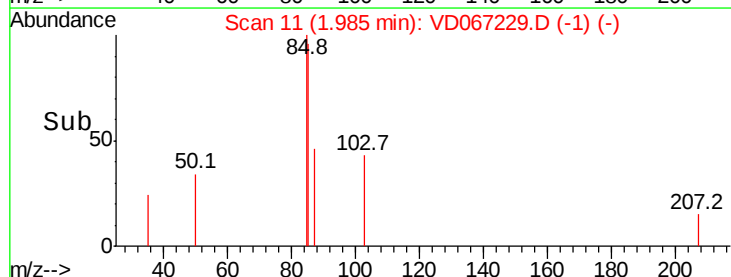
1500

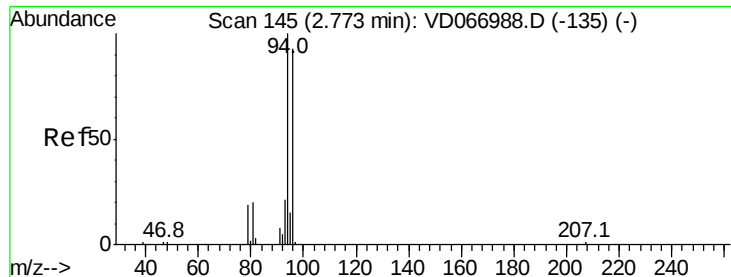
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067229.D

Acq: 12 Oct 2020 13:03

Instrument :

MSVOA_D

ClientSampleId :

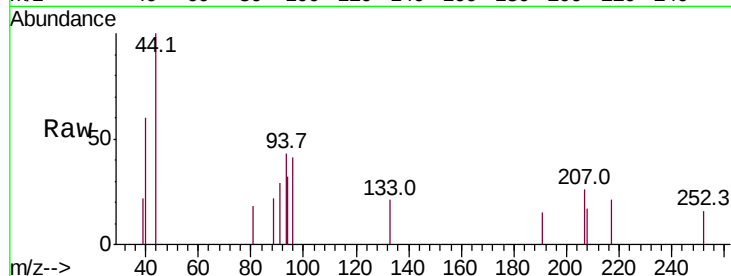
SU-01-100920

Tot Ion: 94 Resp: 1262

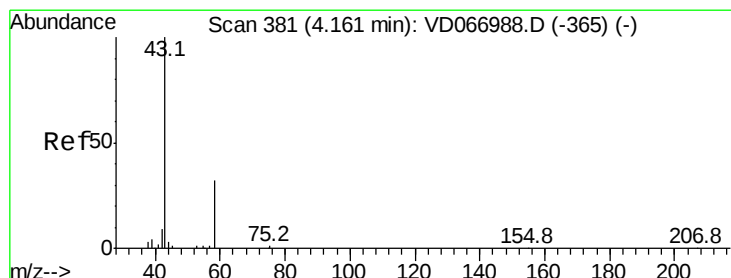
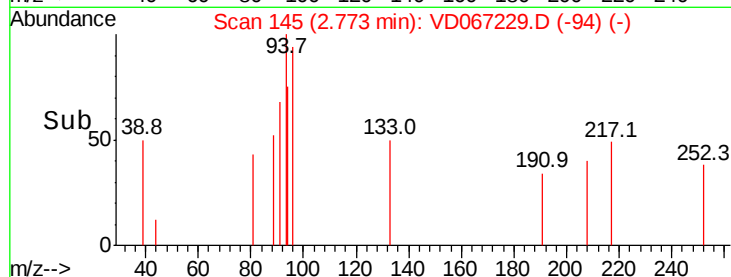
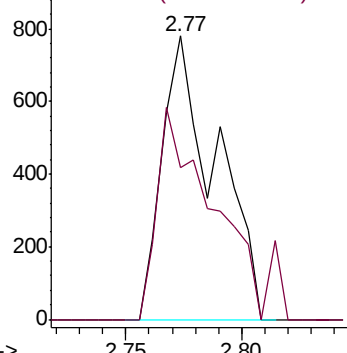
Ion Ratio Lower Upper

94 100

96 53.7 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC



#16

Acetone

Concen: 2.189 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067229.D

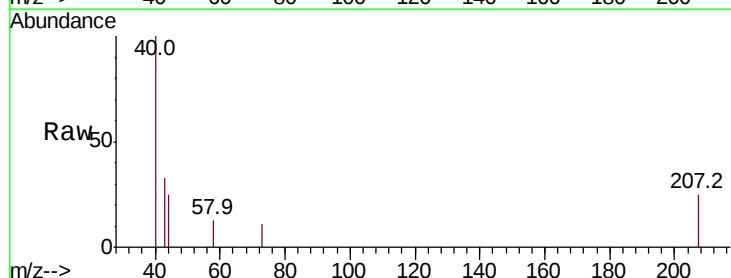
Acq: 12 Oct 2020 13:03

Tgt Ion: 43 Resp: 1284

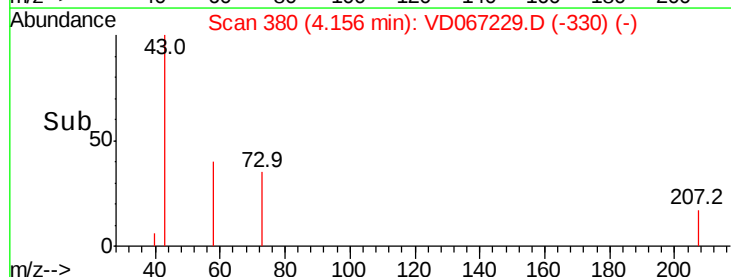
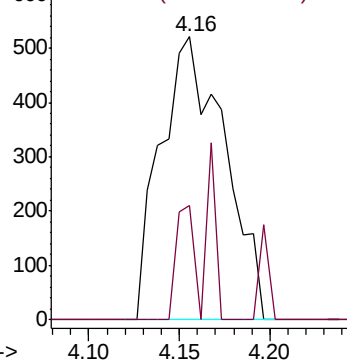
Ion Ratio Lower Upper

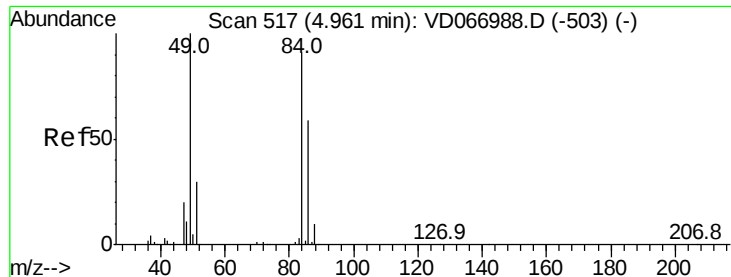
43 100

58 40.3 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

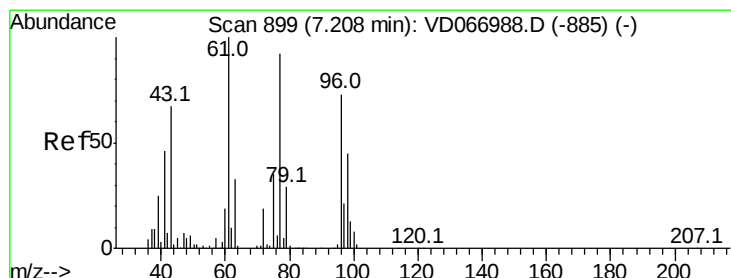
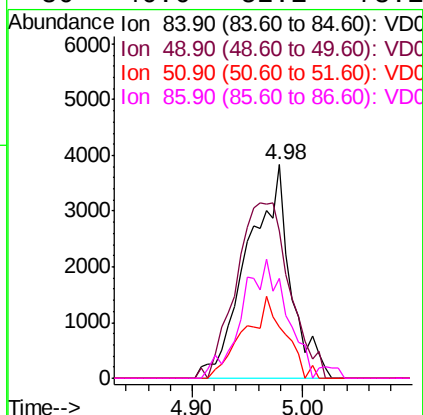
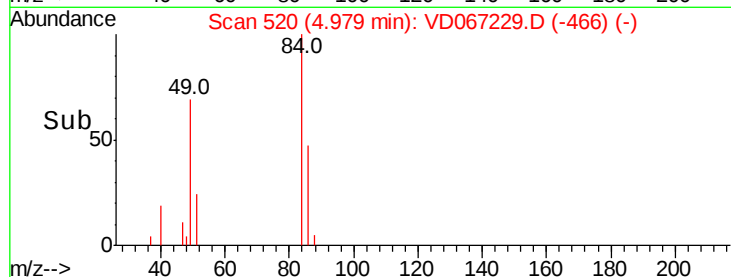
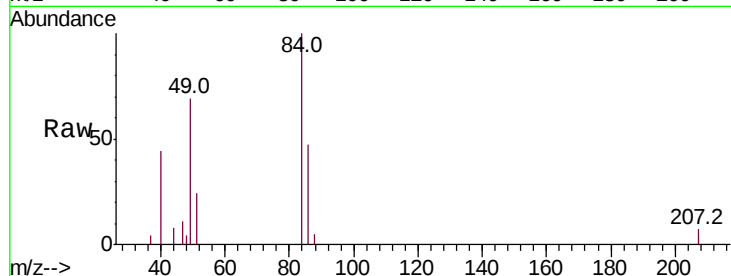




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.98 min Scan# 520
Delta R.T. 0.02 min
Lab File: VD067229.D
Acq: 12 Oct 2020 13:03

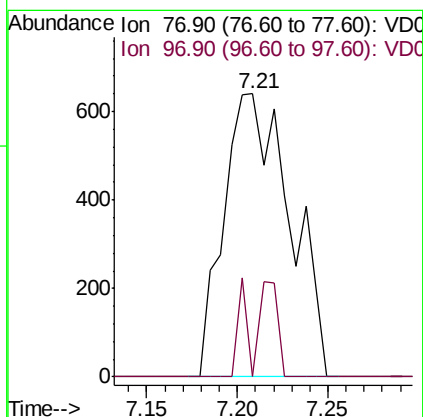
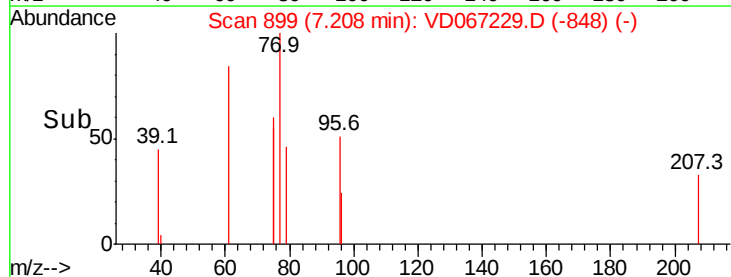
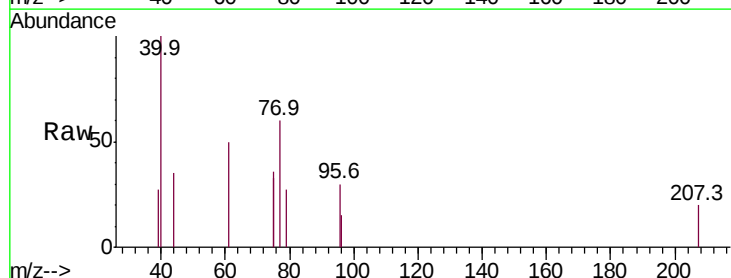
Instrument :
MSVOA_D
ClientSampleId :
SU-01-100920

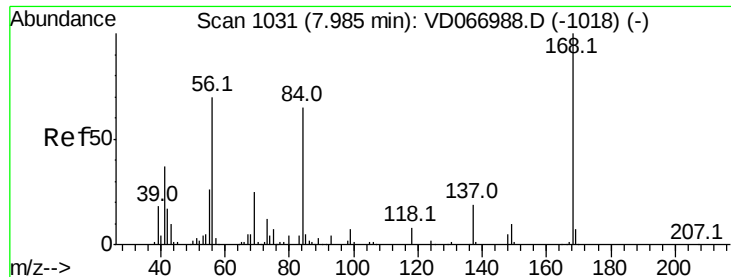
Tot Ion: 84 Resp: 10438
Ion Ratio Lower Upper
84 100
49 68.8 88.2 132.2#
51 23.9 26.6 39.8#
86 46.6 52.1 78.1#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067229.D
Acq: 12 Oct 2020 13:03

Tgt Ion: 77 Resp: 1640
Ion Ratio Lower Upper
77 100
97 14.0 11.4 34.2

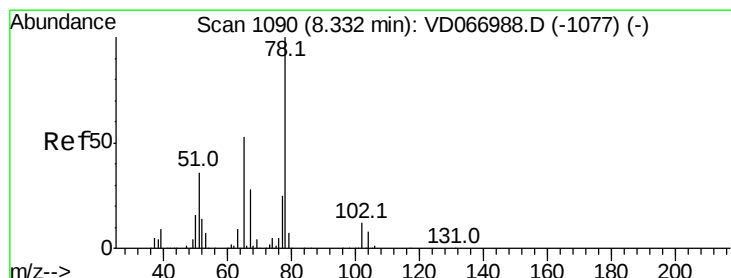
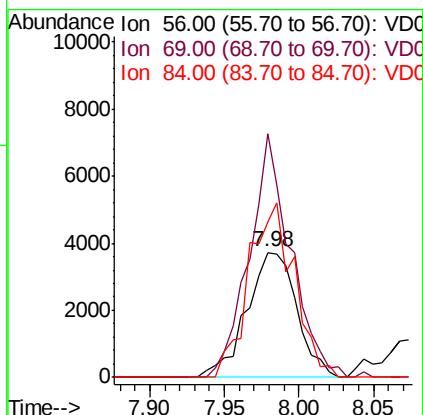
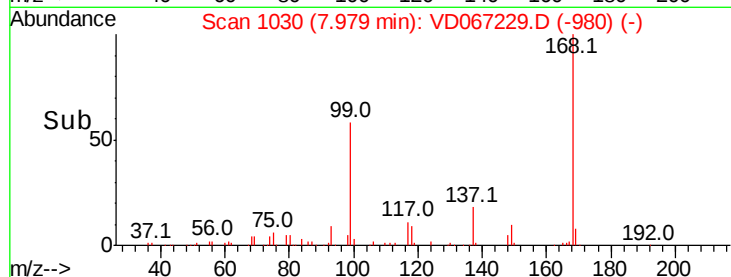
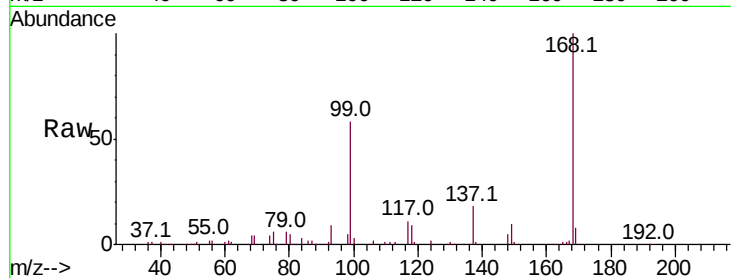




#31
Cyclohexane
Concen: 1.504 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067229.D
Acq: 12 Oct 2020 13:03

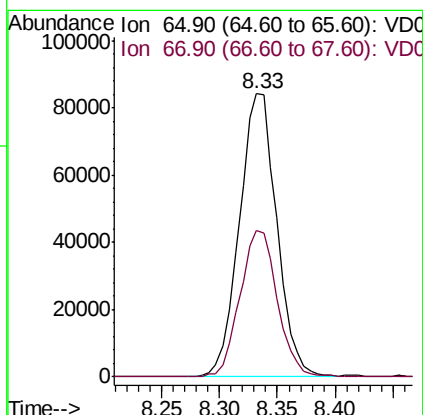
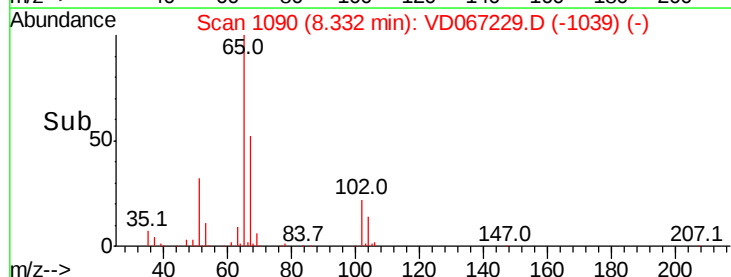
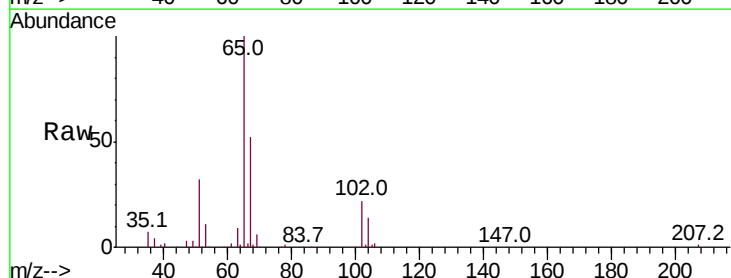
Instrument :
MSVOA_D
ClientSampleId :
SU-01-100920

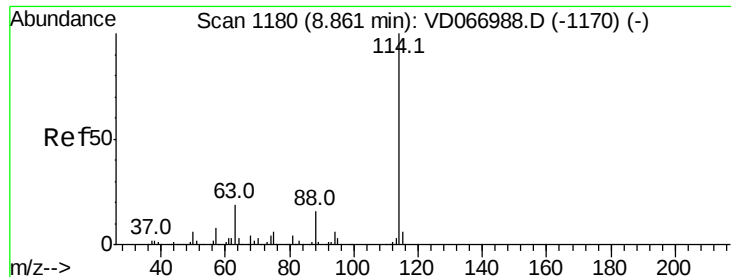
Tot Ion: 56 Resp: 8682
Ion Ratio Lower Upper
56 100
69 194.5 29.0 43.6#
84 124.1 74.2 111.2#



#33
1,2-Dichloroethane-d4
Concen: 49.372 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067229.D
Acq: 12 Oct 2020 13:03

Tgt Ion: 65 Resp: 189739
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.8

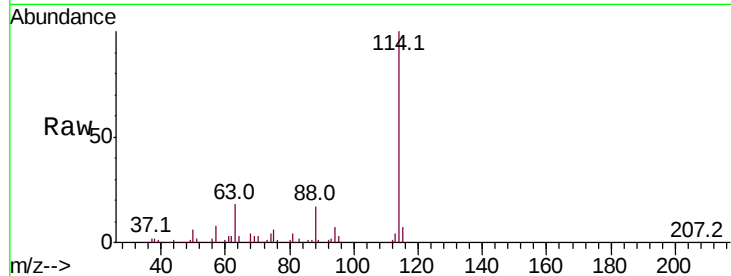




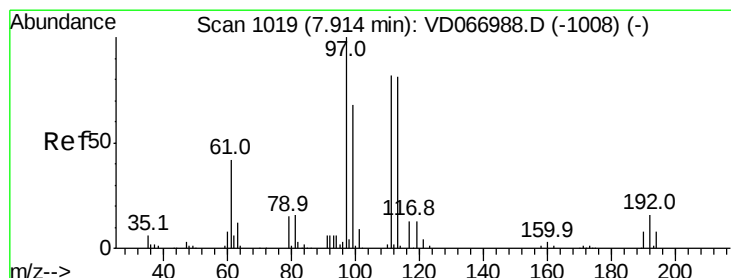
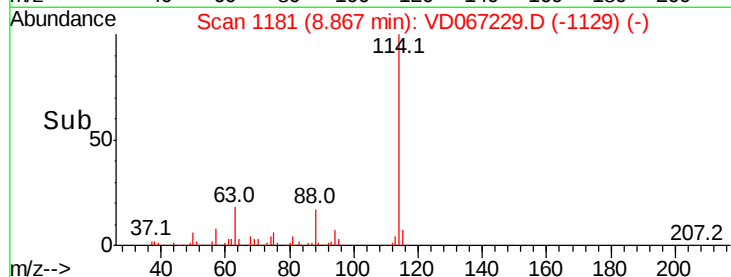
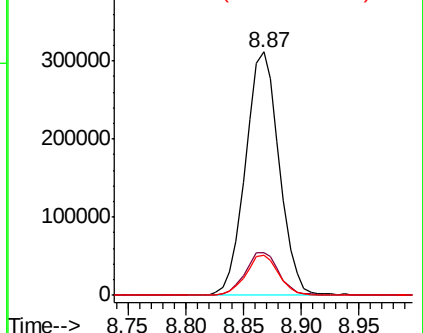
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VD067229.D
Acq: 12 Oct 2020 13:03

Instrument :
MSVOA_D
ClientSampleId :
SU-01-100920

Tot Ion:114 Resp: 634244
Ion Ratio Lower Upper
114 100
63 17.8 0.0 38.4
88 16.5 0.0 31.2

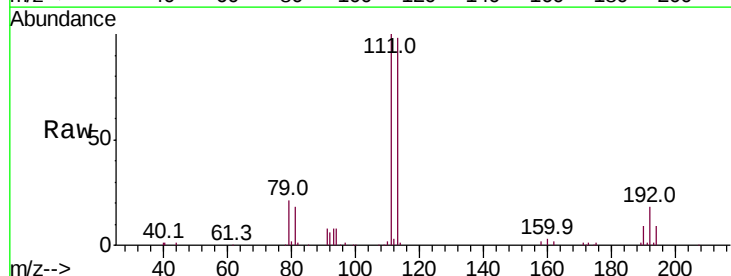


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

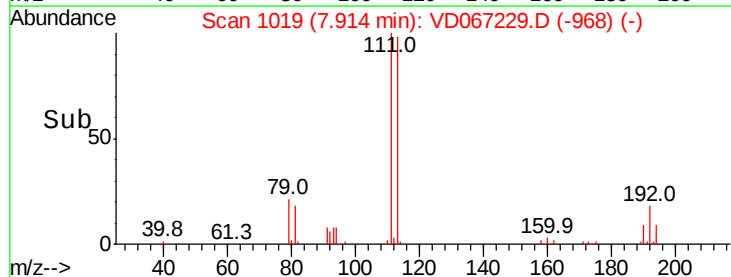
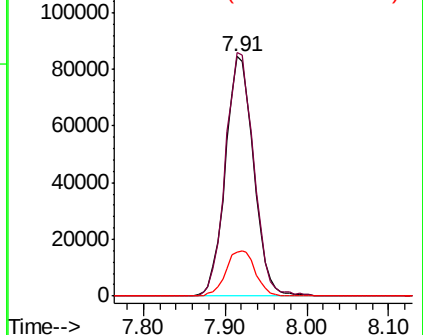


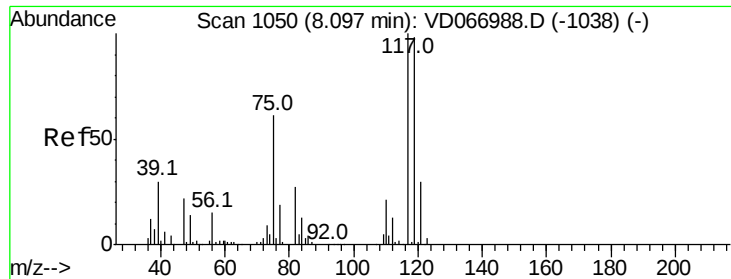
#35
Dibromofluoromethane
Concen: 49.006 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067229.D
Acq: 12 Oct 2020 13:03

Tgt Ion:113 Resp: 203487
Ion Ratio Lower Upper
113 100
111 101.8 83.0 124.4
192 19.7 15.5 23.3



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





#38

Carbon Tetrachloride

Concen: 6.521 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD067229.D

Acq: 12 Oct 2020 13:03

Instrument :

MSVOA_D

ClientSampleId :

SU-01-100920

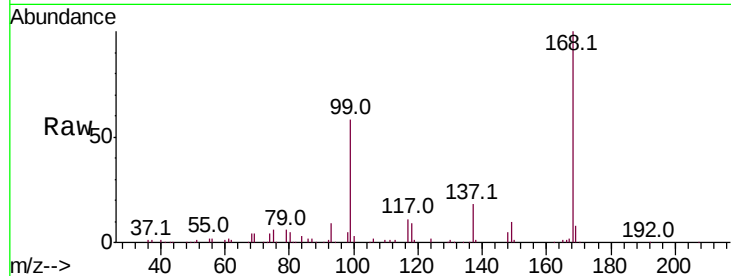
Tot Ion:117 Resp: 41712

Ion Ratio Lower Upper

117 100

119 7.0 78.7 118.1#

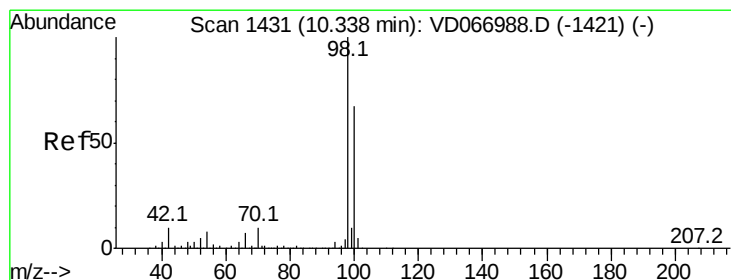
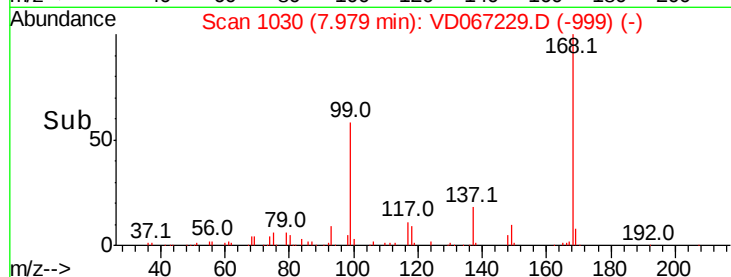
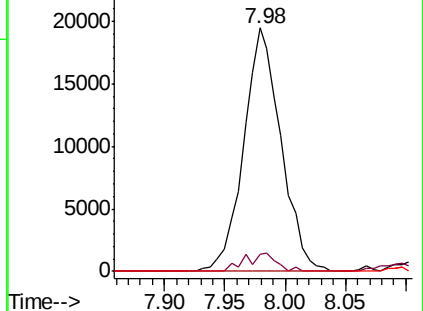
121 0.0 24.2 36.2#



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: 47.985 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD067229.D

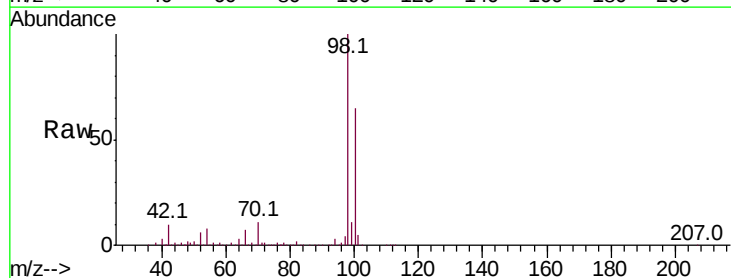
Acq: 12 Oct 2020 13:03

Tgt Ion: 98 Resp: 726039

Ion Ratio Lower Upper

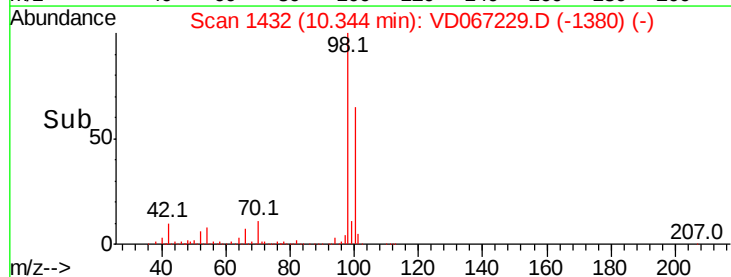
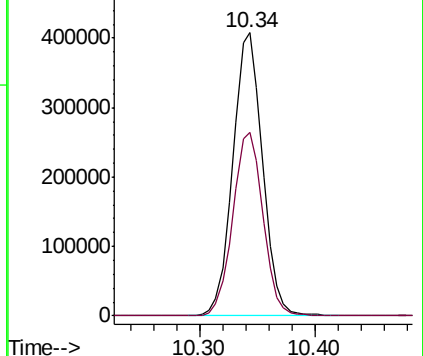
98 100

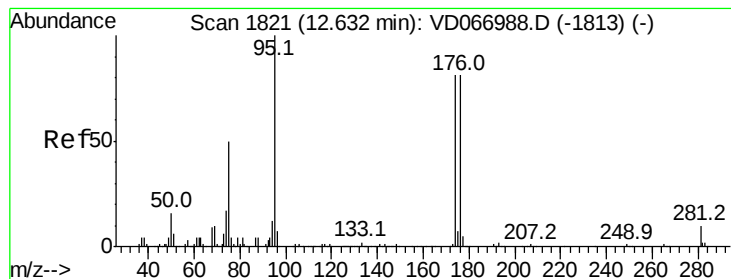
100 65.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.679 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067229.D

Acq: 12 Oct 2020 13:03

Instrument :

MSVOA_D

ClientSampleId :

SU-01-100920

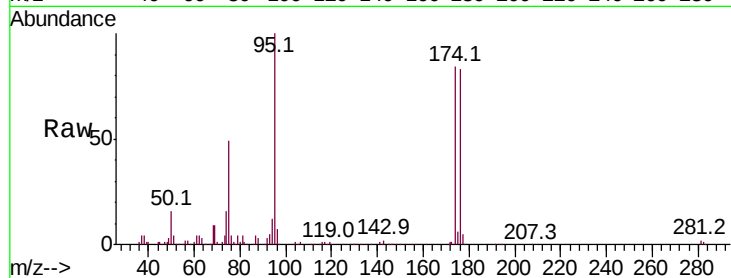
Tot Ion: 95 Resp: 244899

Ion Ratio Lower Upper

95 100

174 85.8 0.0 167.6

176 84.8 0.0 162.4



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

12.64

200000

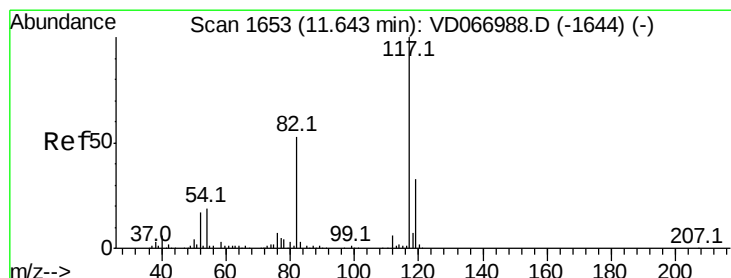
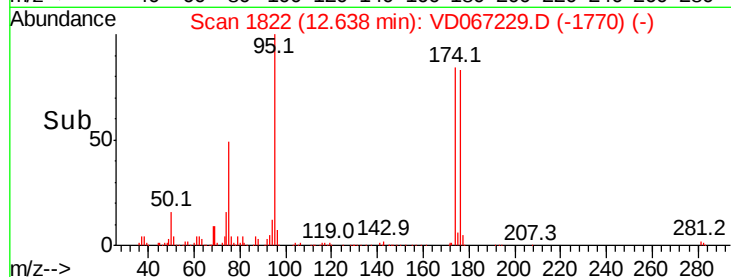
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD067229.D

Acq: 12 Oct 2020 13:03

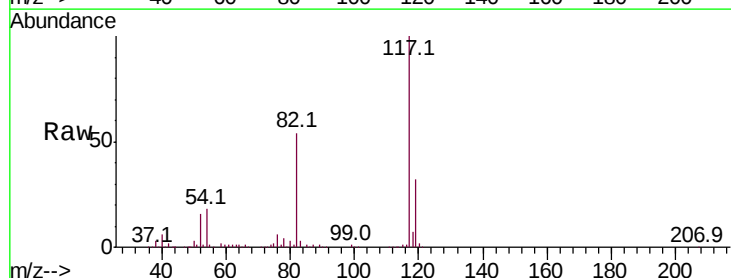
Tgt Ion: 117 Resp: 581726

Ion Ratio Lower Upper

117 100

82 53.6 42.6 63.8

119 32.0 26.3 39.5



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

11.65

400000

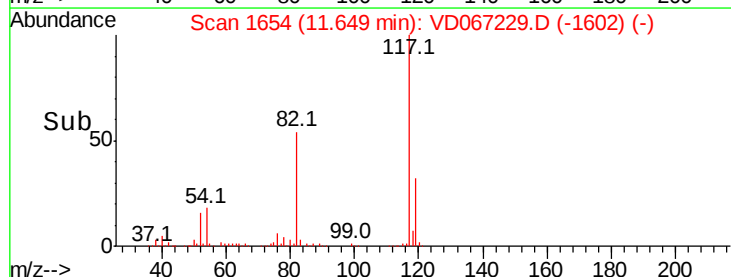
300000

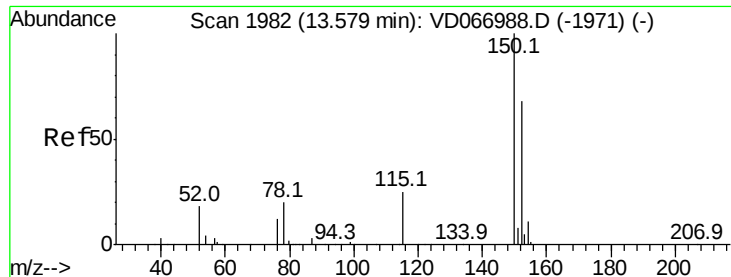
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD067229.D

Acq: 12 Oct 2020 13:03

Instrument :

MSVOA_D

ClientSampleId :

SU-01-100920

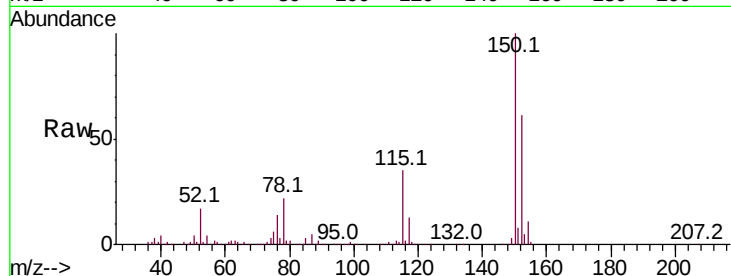
Tot Ion:152 Resp: 269021

Ion Ratio Lower Upper

152 100

115 59.1 29.6 88.8

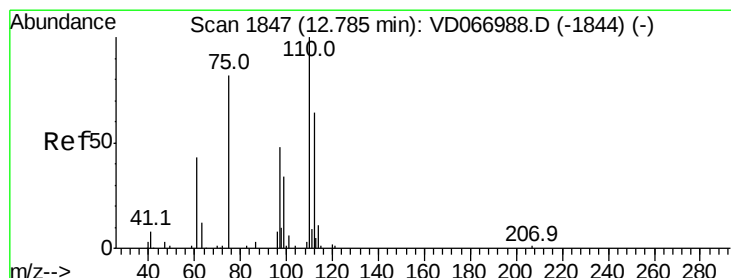
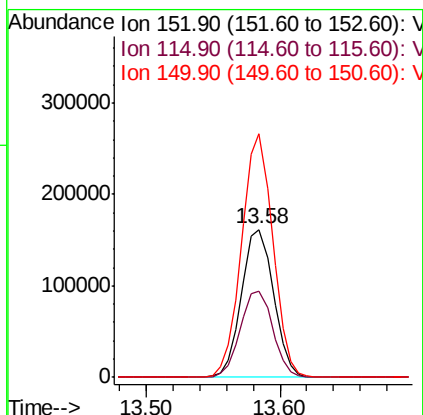
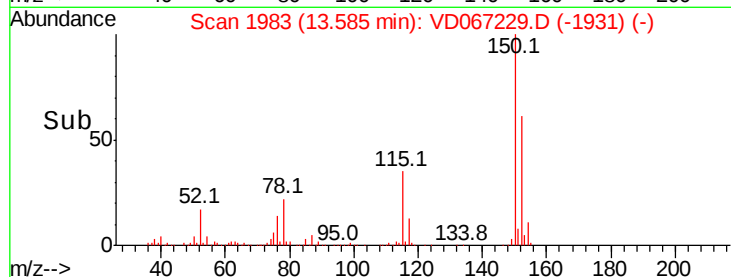
150 159.9 0.0 344.8



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: 51.585 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067229.D

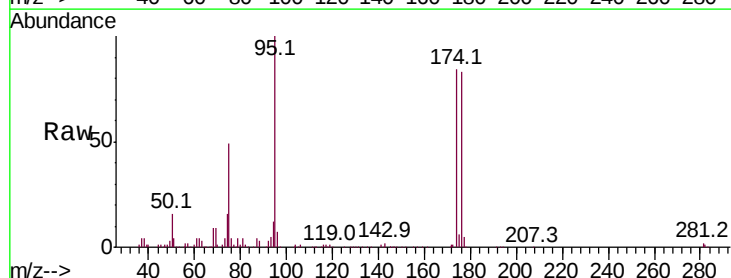
Acq: 12 Oct 2020 13:03

Tgt Ion: 75 Resp: 120878

Ion Ratio Lower Upper

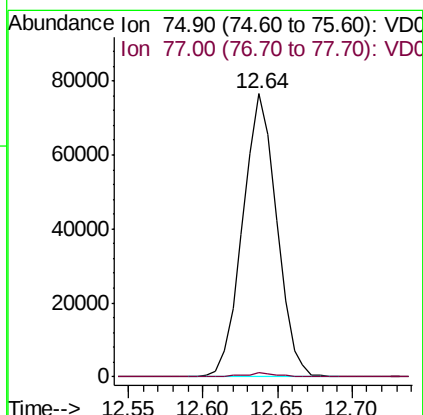
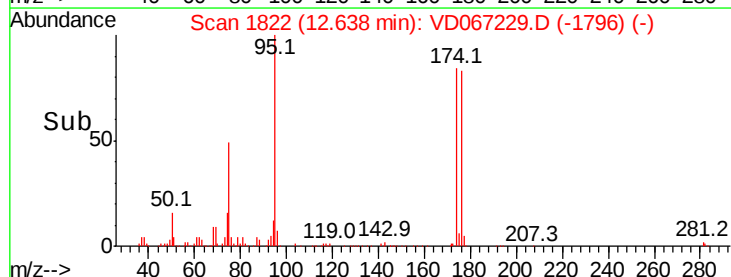
75 100

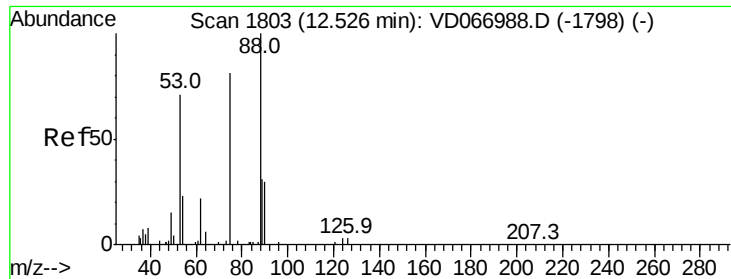
77 1.4 0.0 0.0#



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: 128.609 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067229.D

Acq: 12 Oct 2020 13:03

Instrument :

MSVOA_D

ClientSampleId :

SU-01-100920

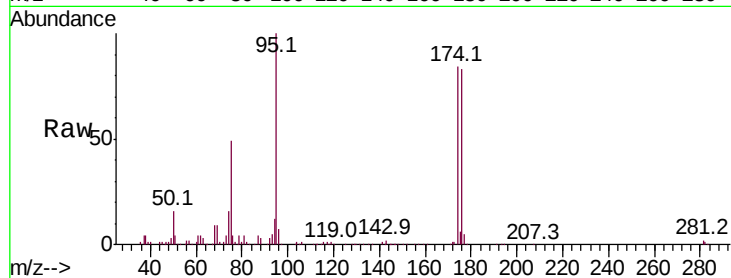
Tot Ion: 75 Resp: 120878

Ion Ratio Lower Upper

75 100

53 0.1 73.8 110.6#

89 0.1 38.9 58.3#



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

