

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120220\
 Data File : VD067836.D
 Acq On : 02 Dec 2020 15:17
 Operator : VA/SY
 Sample : VD1202SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1202SBL01

Quant Time: Dec 03 00:34:43 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	330110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	480272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	419077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	206623	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	159126	44.90	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.80%
35) Dibromofluoromethane	7.92	113	141424	44.01	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.02%
50) Toluene-d8	10.34	98	530036	45.82	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.64%
62) 4-Bromofluorobenzene	12.64	95	177251	44.32	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.64%

Target Compounds

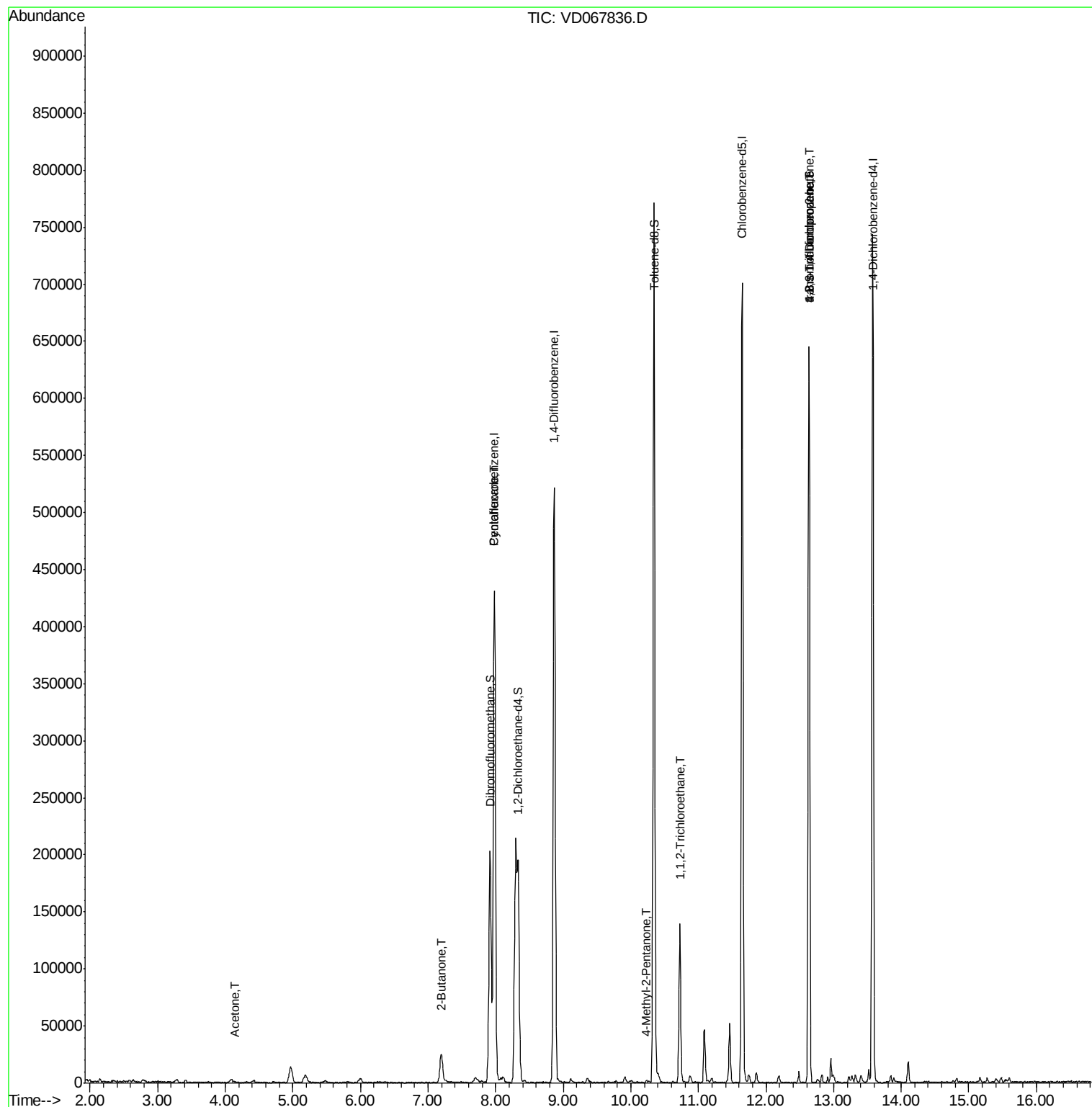
					Qvalue	
11) Tert butyl alcohol	5.19	59	5665	Below Cal	#	74
16) Acetone	4.14	43	902	2.060	ug/l #	47
18) Methyl Acetate	4.52	43	59	Below Cal	#	41
25) 2-Butanone	7.20	43	1442	3.131	ug/l #	36
31) Cyclohexane	7.98	56	7610	2.038	ug/l #	36
51) 4-Methyl-2-Pentanone	10.24	43	1231	1.180	ug/l #	58
55) 1,1,2-Trichloroethane	10.72	97	2275	1.024	ug/l #	18
76) 1,2,3-Trichloropropane	12.64	75	98648	65.560	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.64	75	98648	156.826	ug/l #	7

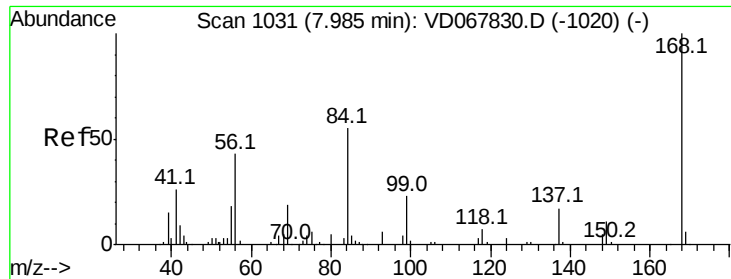
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120220\
Data File : VD067836.D
Acq On : 02 Dec 2020 15:17
Operator : VA/SY
Sample : VD1202SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1202SBL01

Quant Time: Dec 03 00:34:43 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# 1030

Delta R.T. -0.01 min

Lab File: VD067836.D

Acq: 02 Dec 2020 15:17

Instrument :

MSVOA_D

ClientSampleId :

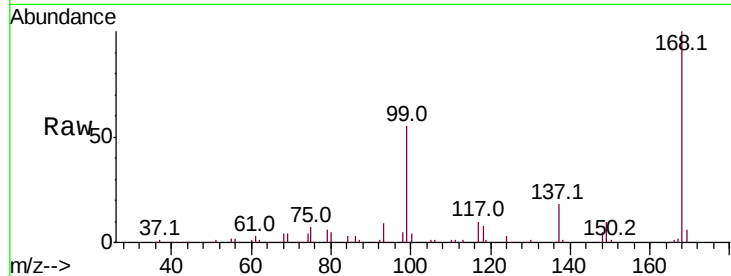
VD1202SBL01

Tot Ion:168 Resp: 330110

Ion Ratio Lower Upper

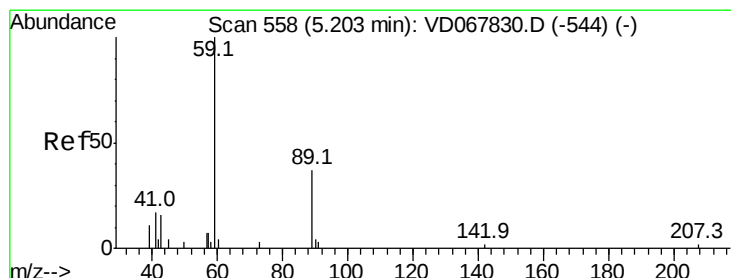
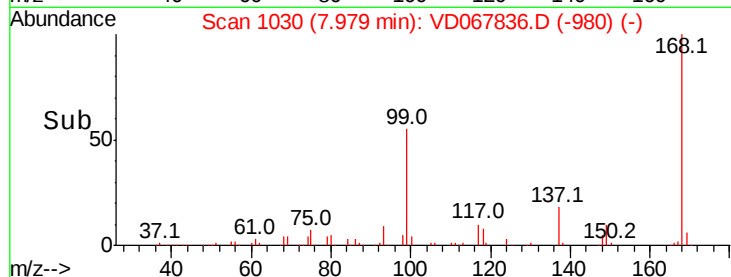
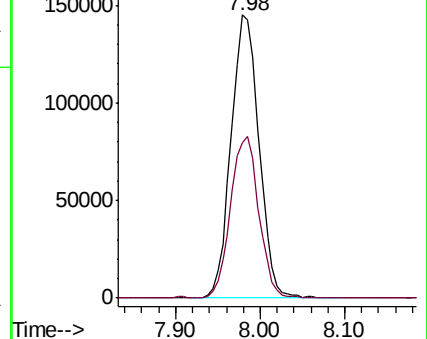
168 100

99 54.7 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.19 min Scan# 556

Delta R.T. -0.01 min

Lab File: VD067836.D

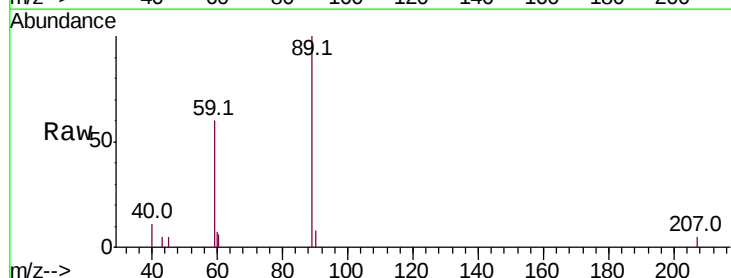
Acq: 02 Dec 2020 15:17

Tgt Ion: 59 Resp: 5665

Ion Ratio Lower Upper

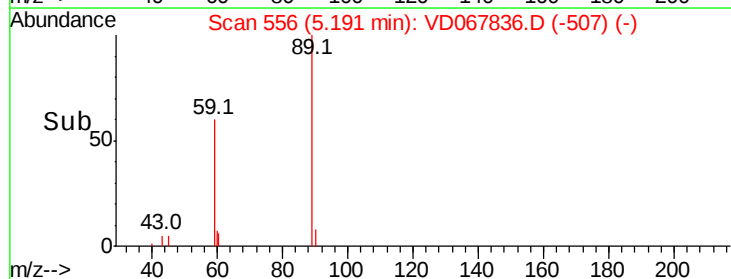
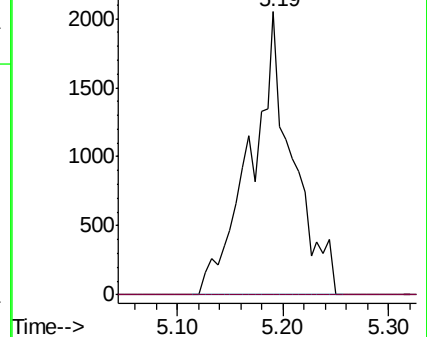
59 100

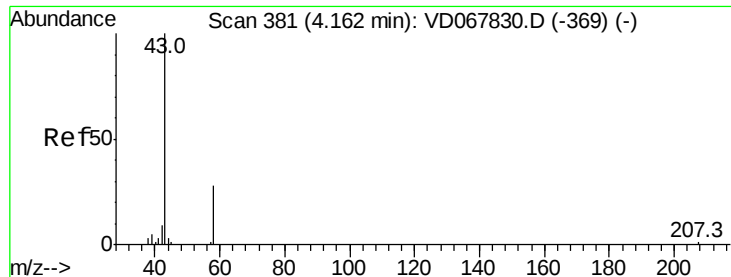
57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 2.060 ug/l

RT: 4.14 min Scan# 378

Delta R.T. -0.02 min

Lab File: VD067836.D

Acq: 02 Dec 2020 15:17

Instrument :

MSVOA_D

ClientSampleId :

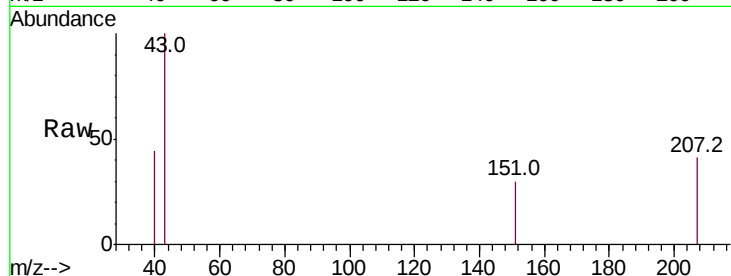
VD1202SBL01

Tot Ion: 43 Resp: 902

Ion Ratio Lower Upper

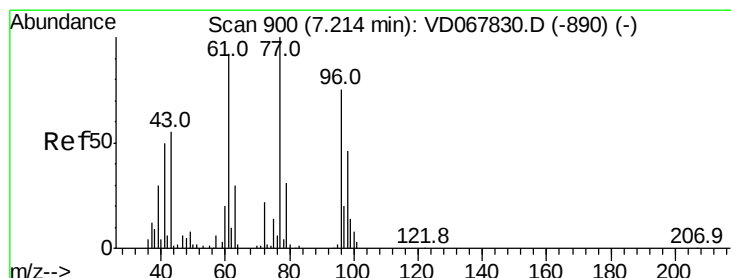
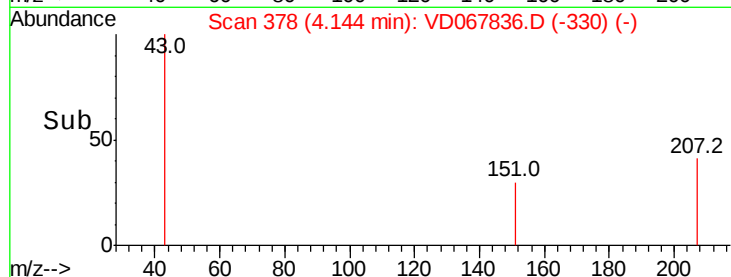
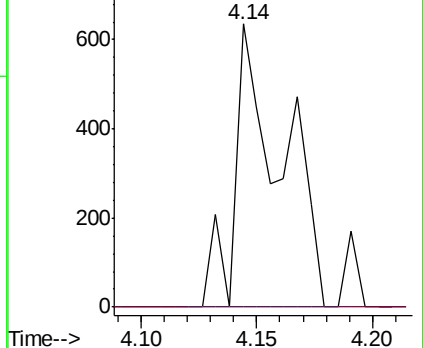
43 100

58 0.0 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#25

2-Butanone

Concen: 3.131 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD067836.D

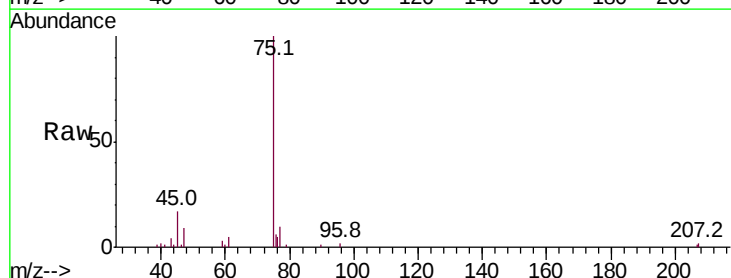
Acq: 02 Dec 2020 15:17

Tgt Ion: 43 Resp: 1442

Ion Ratio Lower Upper

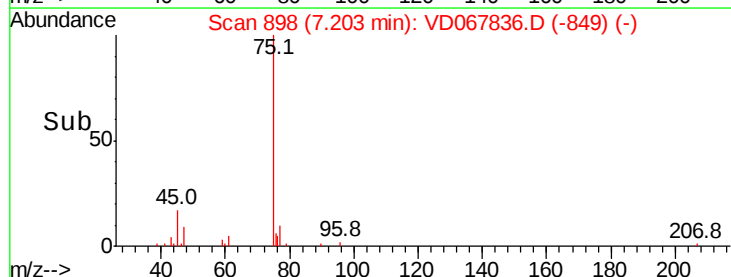
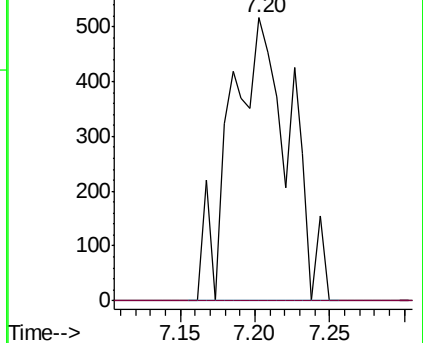
43 100

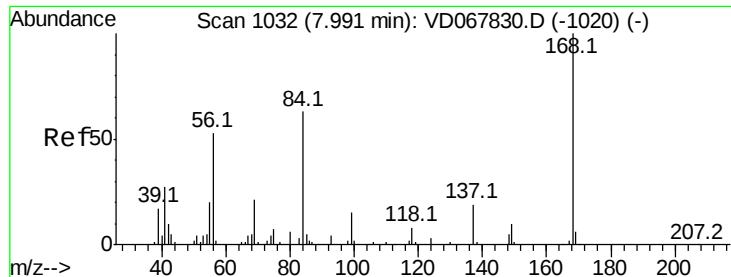
72 0.0 31.3 46.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

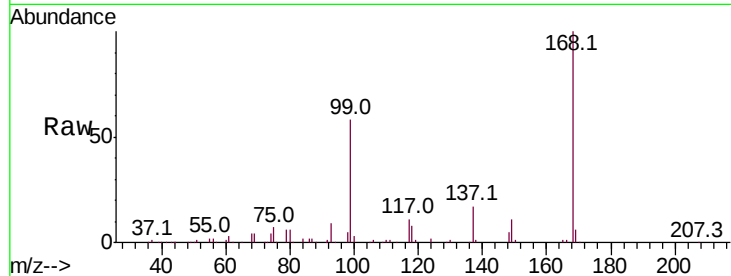




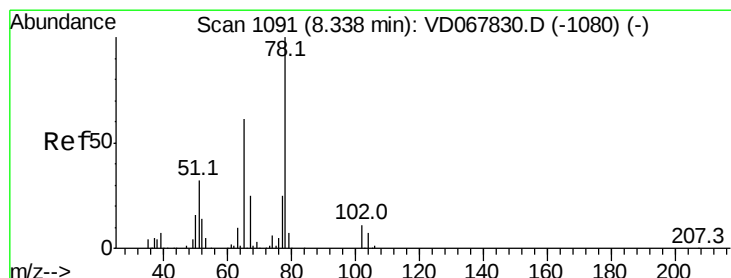
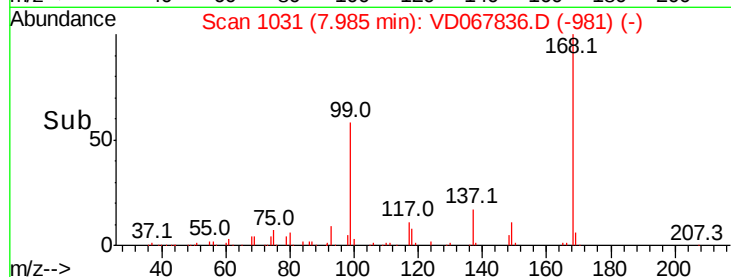
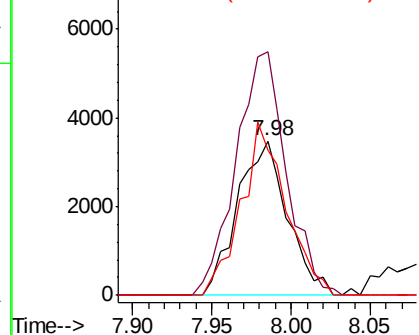
#31
Cyclohexane
Concen: 2.038 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067836.D
Acq: 02 Dec 2020 15:17

Instrument :
MSVOA_D
ClientSampleId :
VD1202SBL01

Tot Ion: 56 Resp: 7610
Ion Ratio Lower Upper
56 100
69 157.6 32.1 48.1#
84 93.9 93.2 139.8

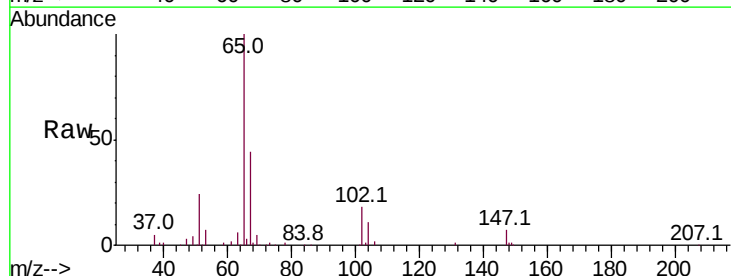


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

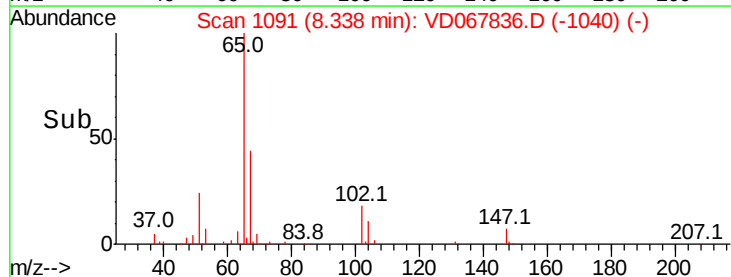
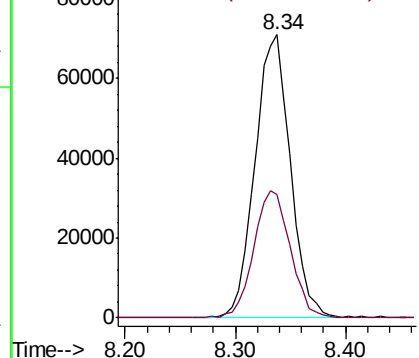


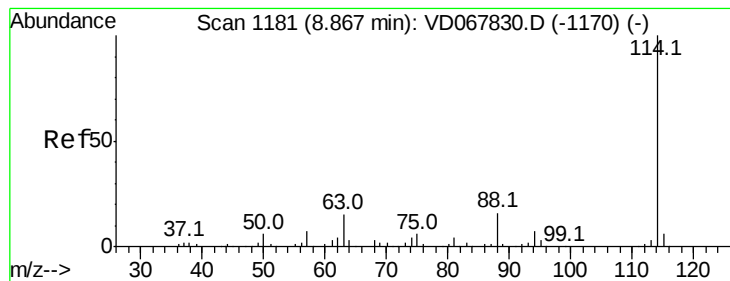
#33
1,2-Dichloroethane-d4
Concen: 44.902 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD067836.D
Acq: 02 Dec 2020 15:17

Tgt Ion: 65 Resp: 159126
Ion Ratio Lower Upper
65 100
67 46.5 0.0 92.0



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. 0.00 min

Lab File: VD067836.D

Acq: 02 Dec 2020 15:17

Instrument :

MSVOA_D

ClientSampleId :

VD1202SBL01

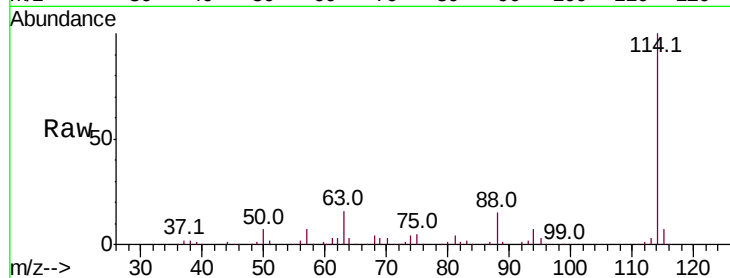
Tot Ion:114 Resp: 480272

Ion Ratio Lower Upper

114 100

63 16.1 0.0 30.8

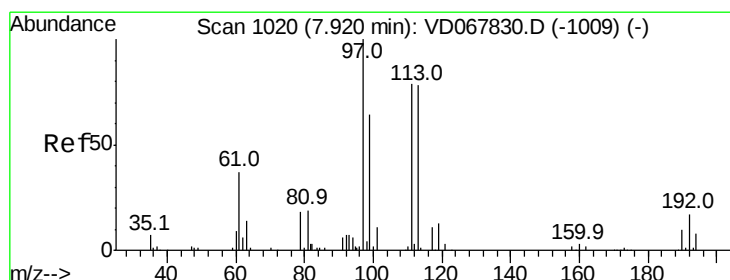
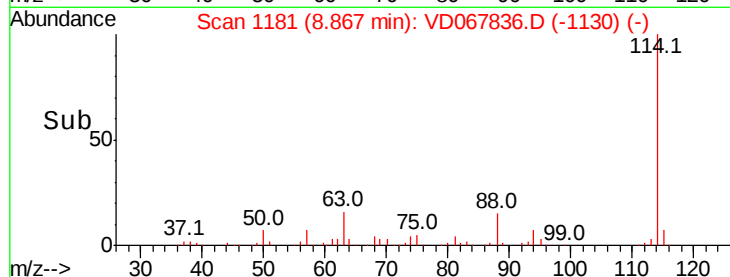
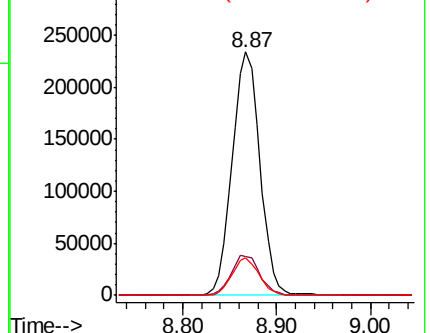
88 15.2 0.0 31.8



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: 44.006 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067836.D

Acq: 02 Dec 2020 15:17

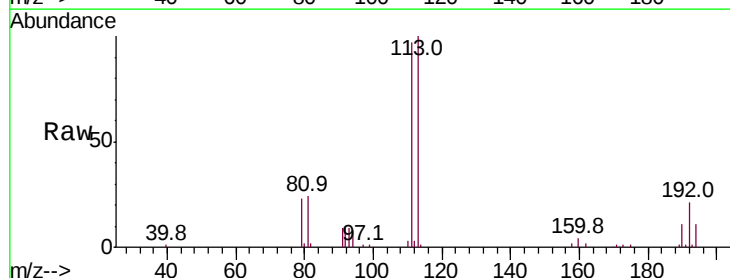
Tgt Ion:113 Resp: 141424

Ion Ratio Lower Upper

113 100

111 104.1 81.2 121.8

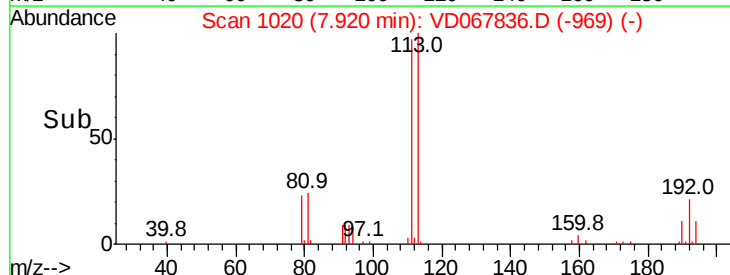
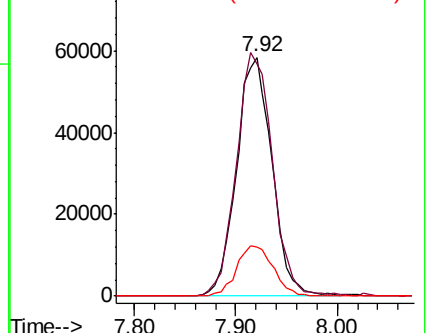
192 21.7 16.8 25.2

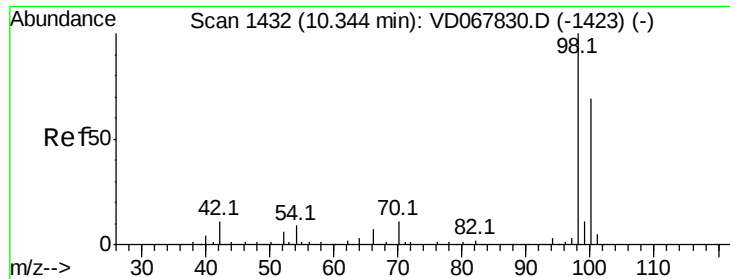


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.816 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067836.D

Acq: 02 Dec 2020 15:17

Instrument :

MSVOA_D

ClientSampleId :

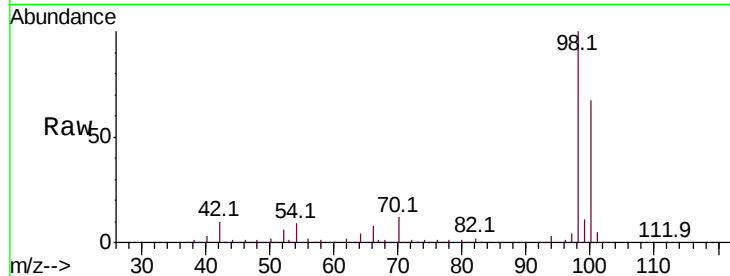
VD1202SBL01

Tot Ion: 98 Resp: 530036

Ion Ratio Lower Upper

98 100

100 65.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

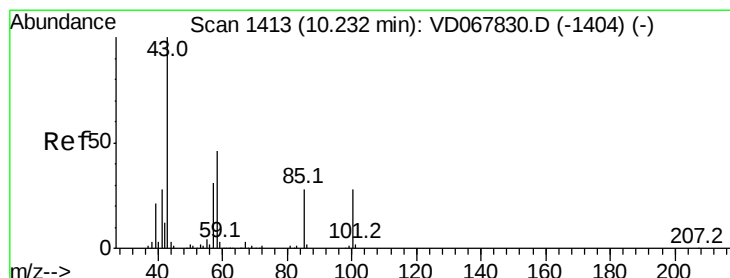
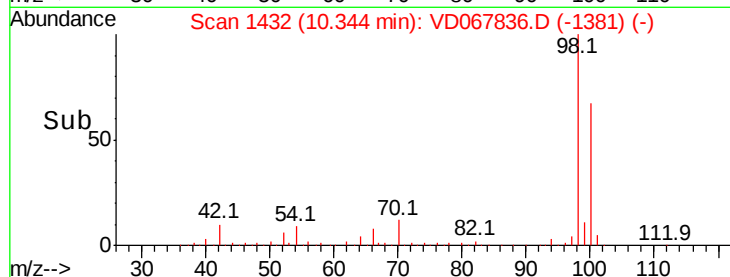
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.180 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. 0.01 min

Lab File: VD067836.D

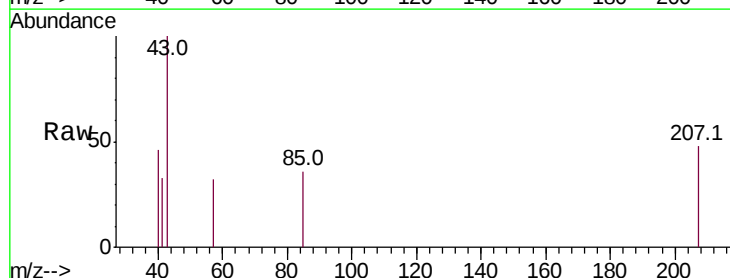
Acq: 02 Dec 2020 15:17

Tgt Ion: 43 Resp: 1231

Ion Ratio Lower Upper

43 100

58 17.3 35.7 53.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.24

800

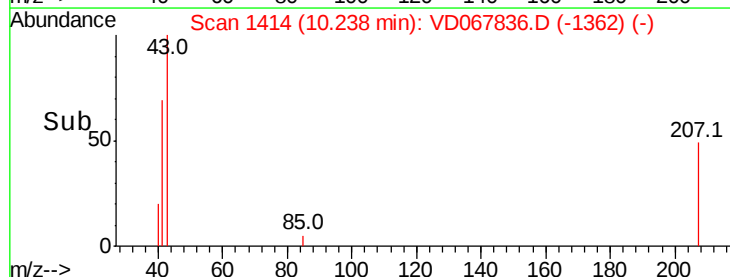
600

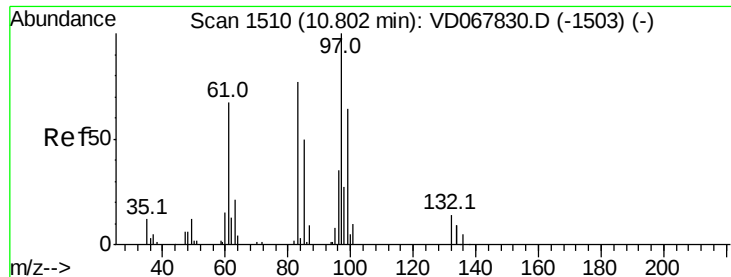
400

200

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 1.024 ug/l

RT: 10.72 min Scan# 1496

Delta R.T. -0.08 min

Lab File: VD067836.D

Acq: 02 Dec 2020 15:17

Instrument :

MSVOA_D

ClientSampleId :

VD1202SBL01

Tot Ion: 97 Resp: 2275

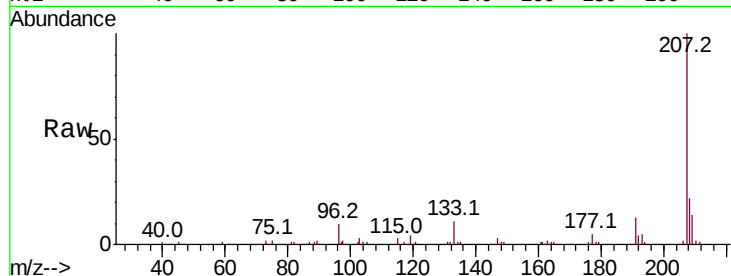
Ion Ratio Lower Upper

97 100

83 0.0 61.9 92.9#

85 0.0 40.2 60.4#

99 0.0 51.0 76.6#

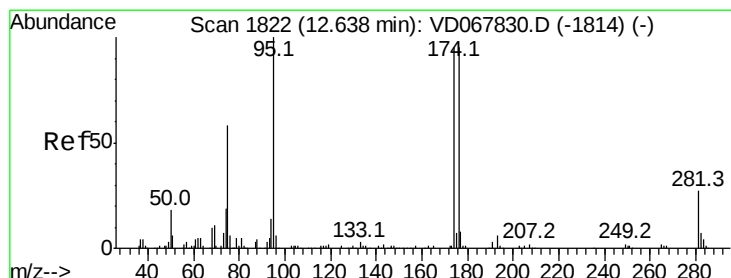
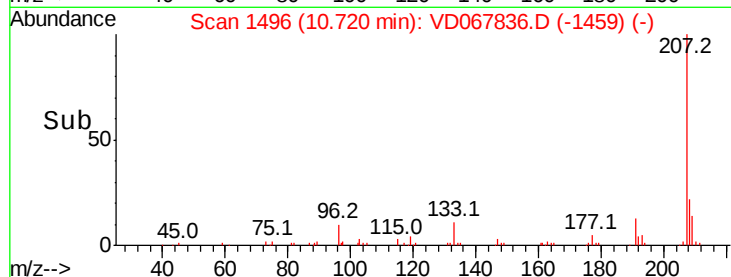
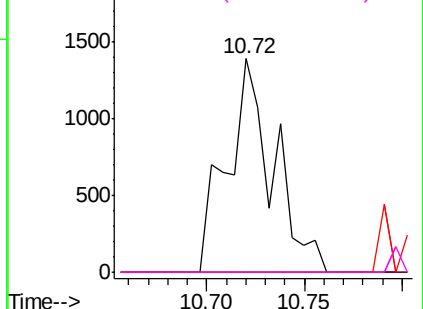


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#62

4-Bromofluorobenzene

Concen: 44.317 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067836.D

Acq: 02 Dec 2020 15:17

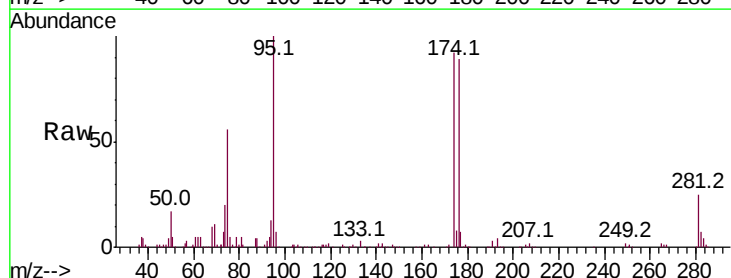
Tgt Ion: 95 Resp: 177251

Ion Ratio Lower Upper

95 100

174 93.8 0.0 186.0

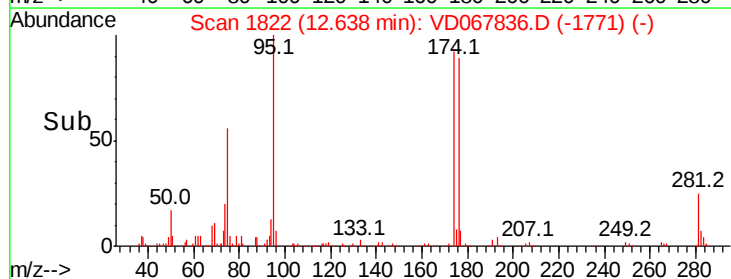
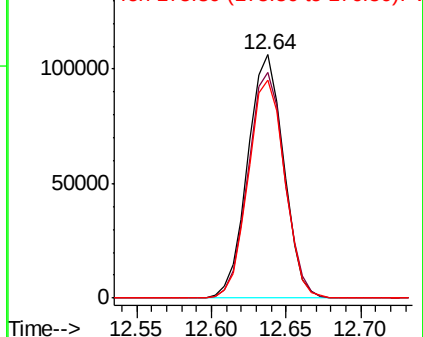
176 90.9 0.0 184.2

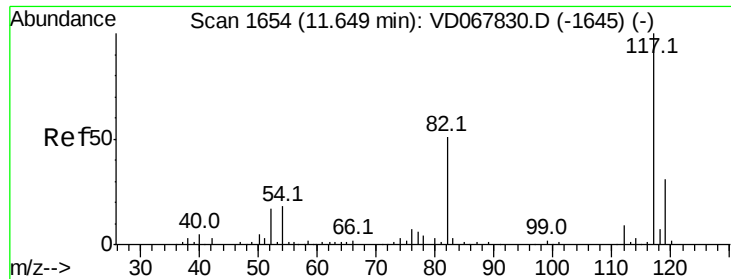


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

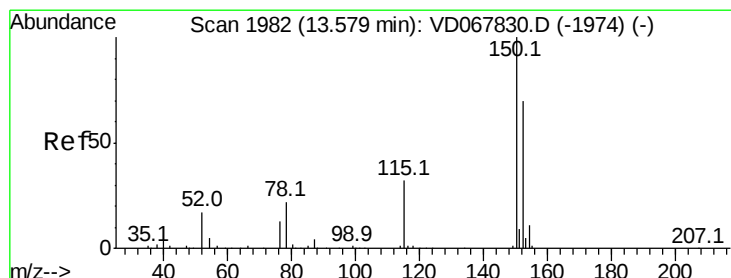
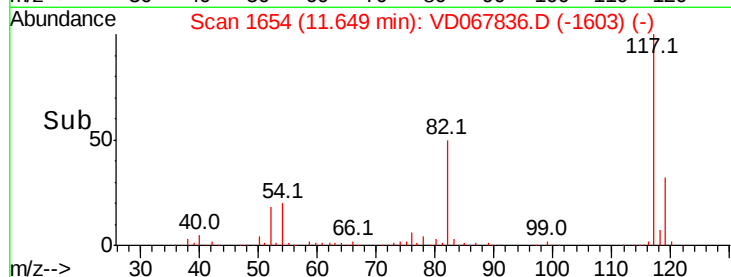
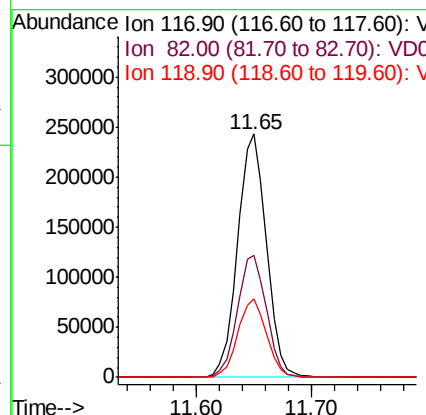
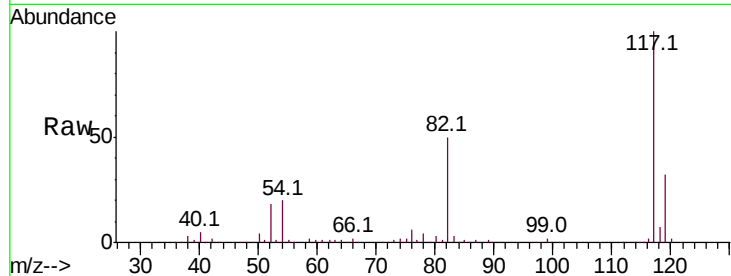




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067836.D
Acq: 02 Dec 2020 15:17

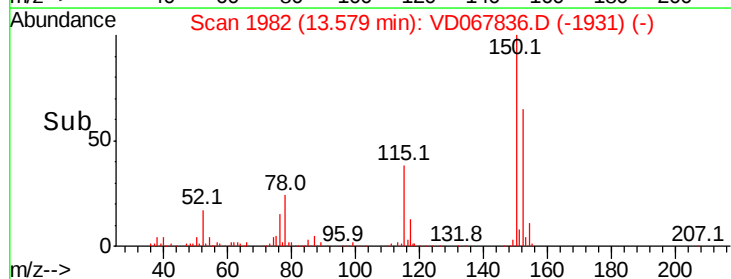
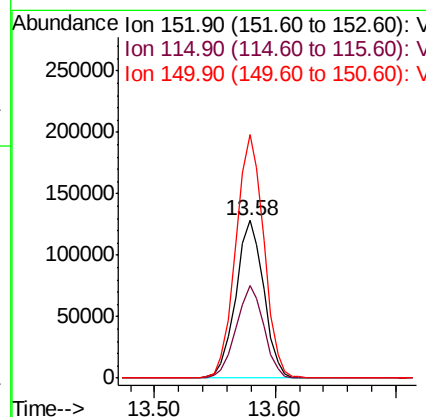
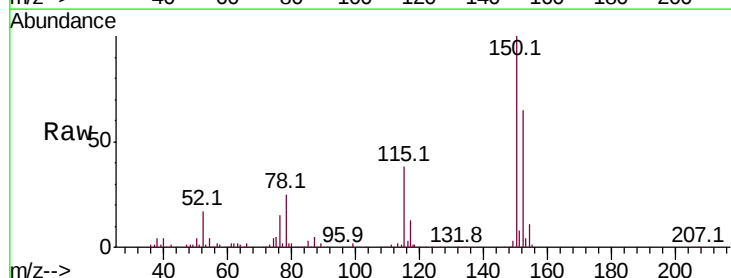
Instrument :
MSVOA_D
ClientSampleId :
VD1202SBL01

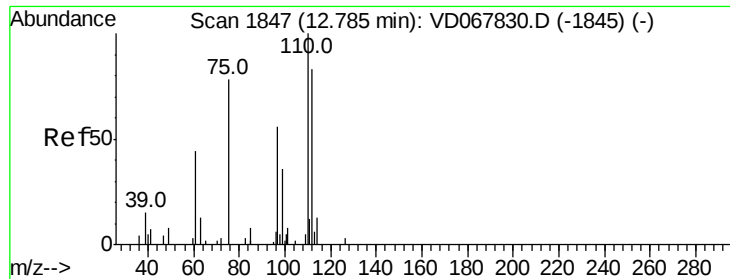
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.1	40.6	60.8
119	32.4	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067836.D
Acq: 02 Dec 2020 15:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.1	87.4
150	155.0	0.0	339.0





#76

1,2,3-Trichloropropane

Concen: 65.560 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067836.D

Acq: 02 Dec 2020 15:17

Instrument :

MSVOA_D

ClientSampleId :

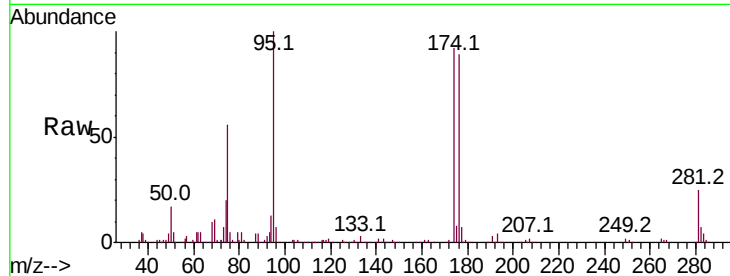
VD1202SBL01

Tot Ion: 75 Resp: 98648

Ion Ratio Lower Upper

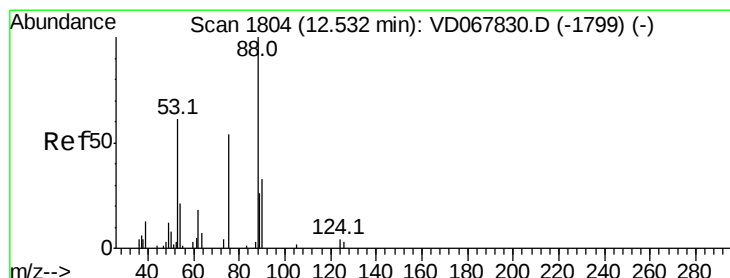
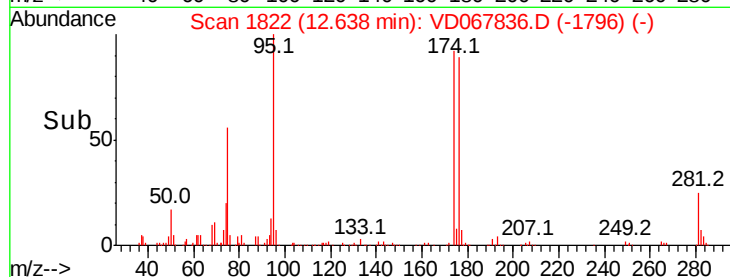
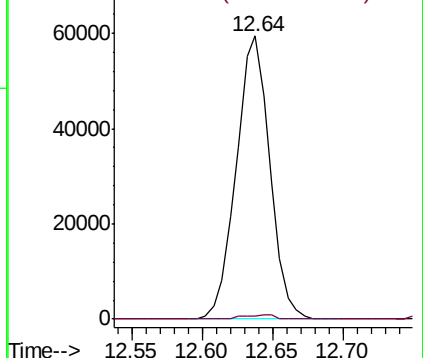
75 100

77 1.3 175.9 527.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 156.826 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067836.D

Acq: 02 Dec 2020 15:17

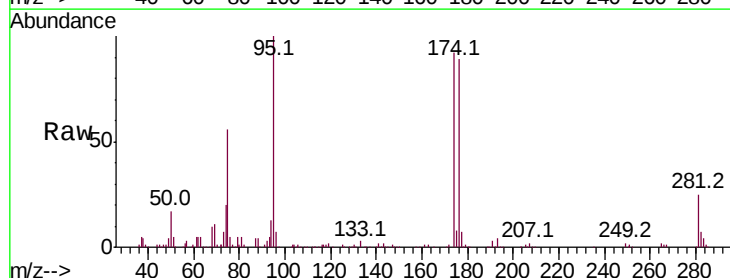
Tgt Ion: 75 Resp: 98648

Ion Ratio Lower Upper

75 100

53 0.1 84.6 127.0#

89 0.3 41.0 61.6#



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

