

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067560.D
 Acq On : 09 Nov 2020 12:39
 Operator : VA/SY
 Sample : L4669-01
 Misc : 4.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-110620

Quant Time: Nov 10 00:44:40 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

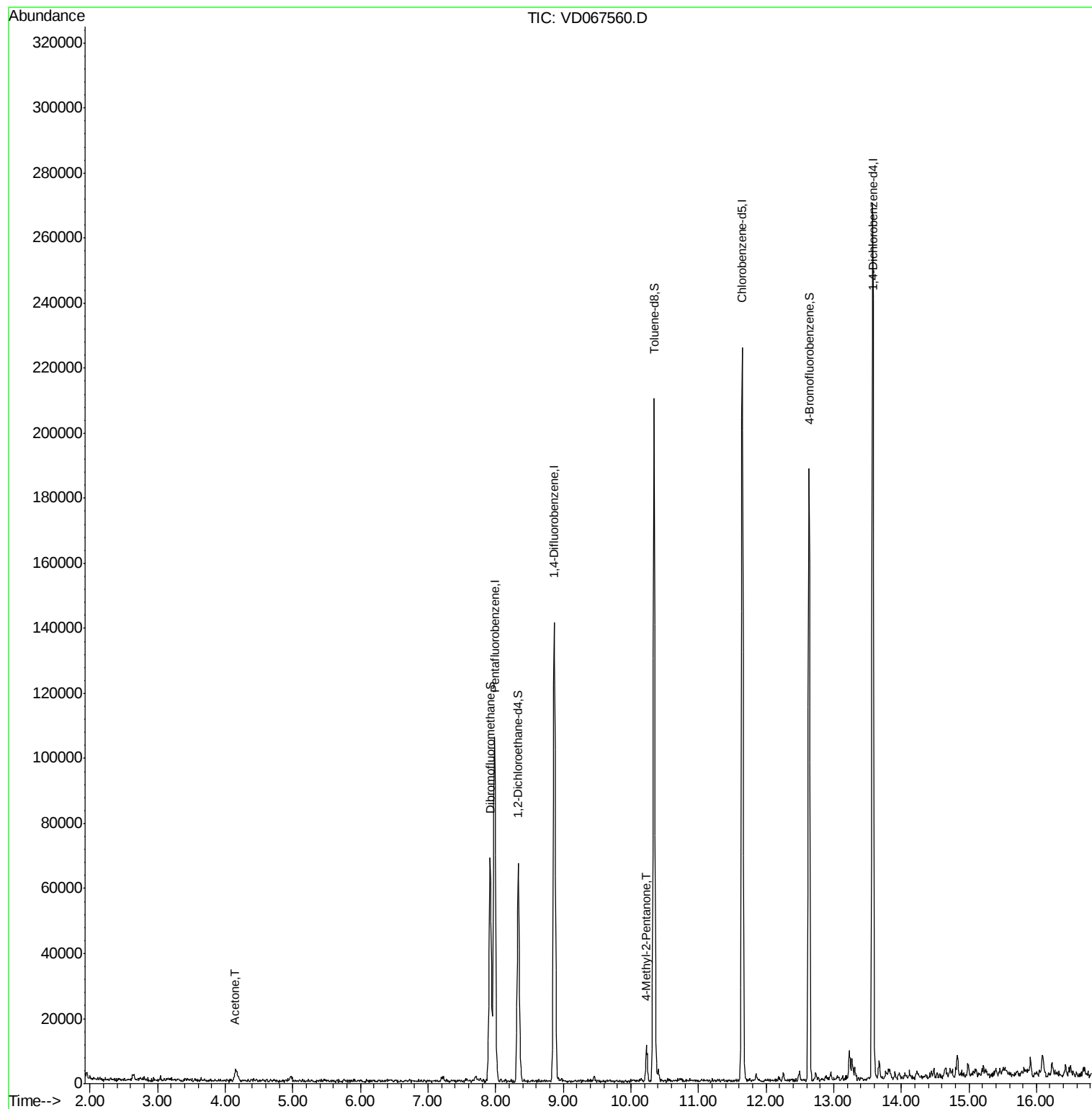
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	82076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	126509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	141179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	76532	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	55942	77.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	155.90%	
35) Dibromofluoromethane	7.91	113	46972	61.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.26%	
50) Toluene-d8	10.34	98	151780	56.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.32%	
62) 4-Bromofluorobenzene	12.63	95	60313	65.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.44%	
Target Compounds						
16) Acetone	4.15	43	7294	67.918	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	6280	23.617	ug/l	95

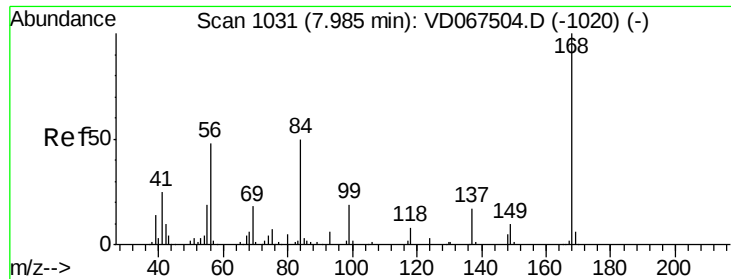
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067560.D

Acq: 09 Nov 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

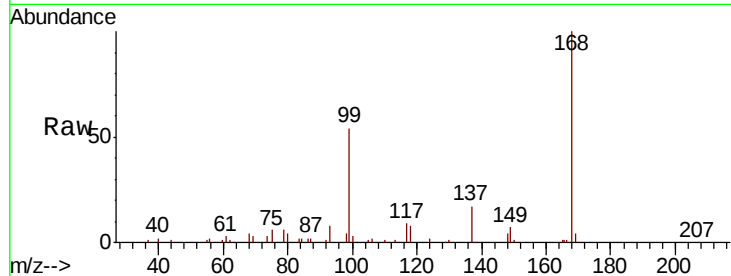
TR-04-110620

Tot Ion:168 Resp: 82076

Ion Ratio Lower Upper

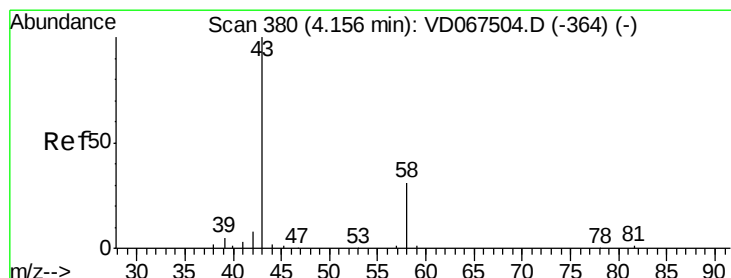
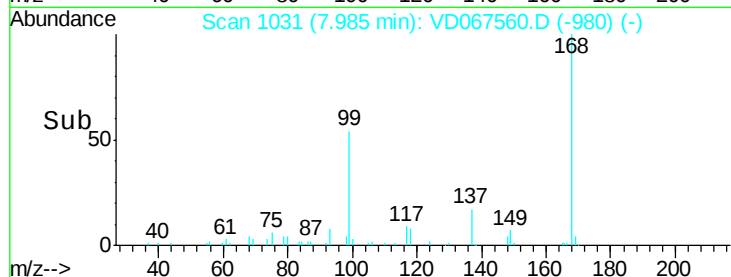
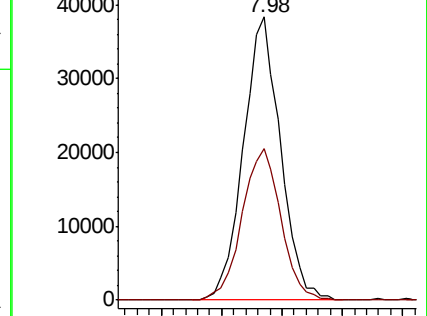
168 100

99 53.7 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: 67.918 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067560.D

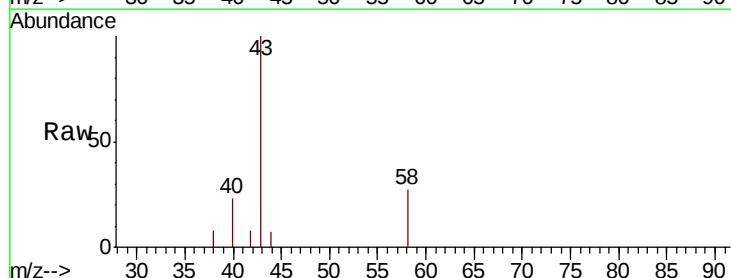
Acq: 09 Nov 2020 12:39

Tgt Ion: 43 Resp: 7294

Ion Ratio Lower Upper

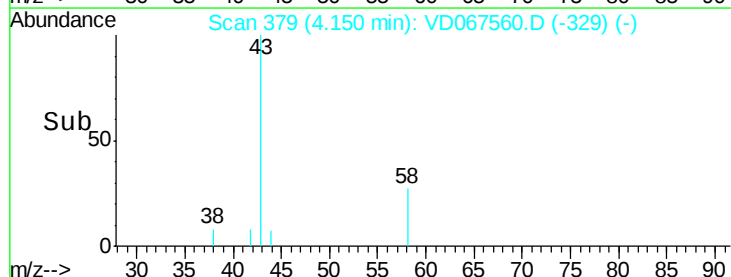
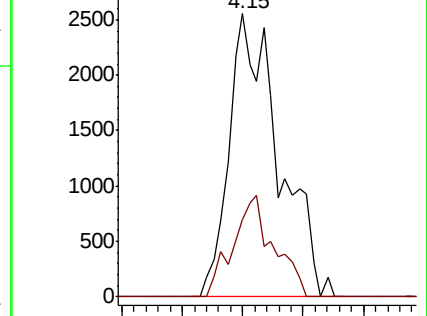
43 100

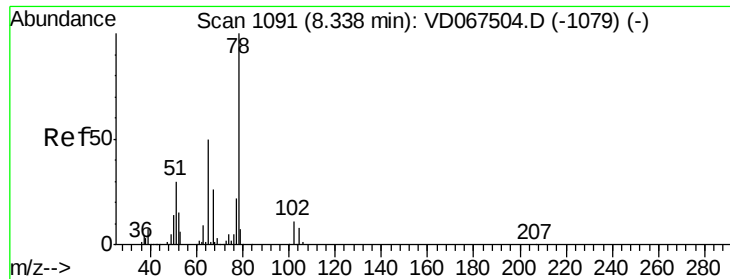
58 27.4 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 77.950 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067560.D

Acq: 09 Nov 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

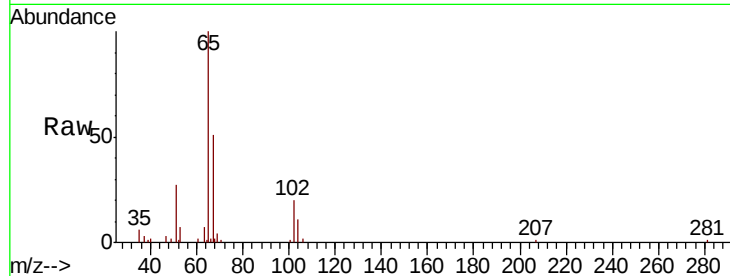
TR-04-110620

Tot Ion: 65 Resp: 55942

Ion Ratio Lower Upper

65 100

67 51.2 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

25000

20000

15000

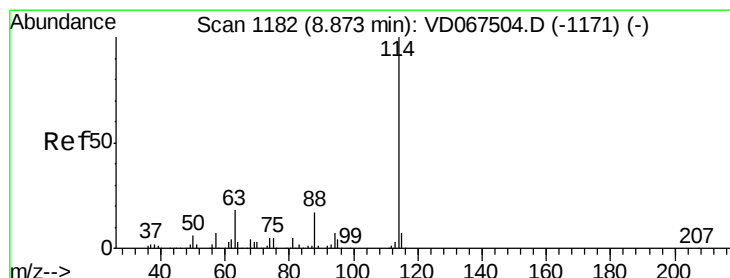
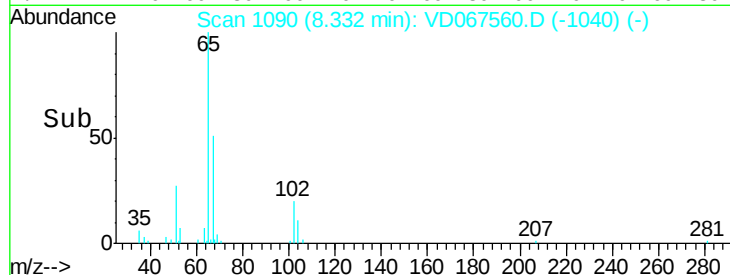
10000

5000

0

8.25 8.30 8.35 8.40 8.45

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067560.D

Acq: 09 Nov 2020 12:39

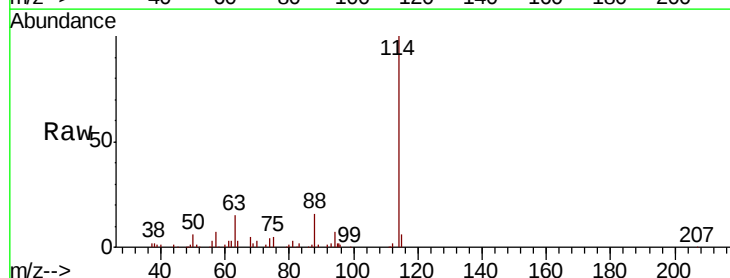
Tgt Ion: 114 Resp: 126509

Ion Ratio Lower Upper

114 100

63 15.3 0.0 35.0

88 15.8 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

80000

60000

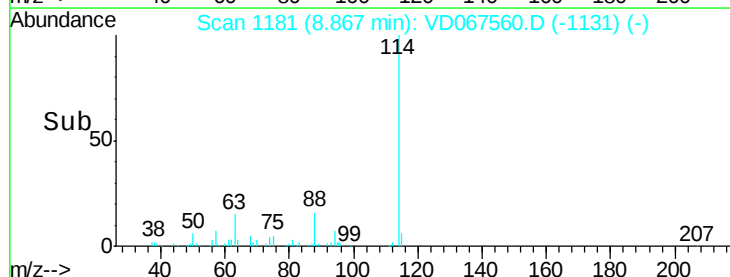
40000

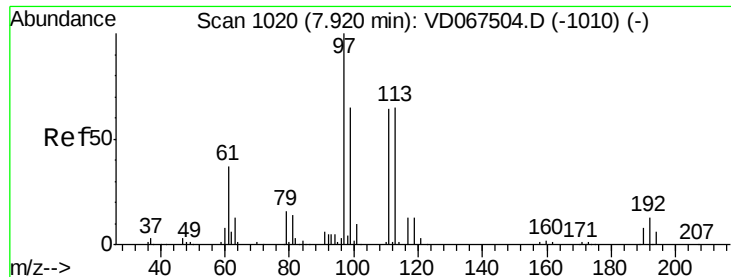
20000

0

8.80 8.90 9.00

Time-->

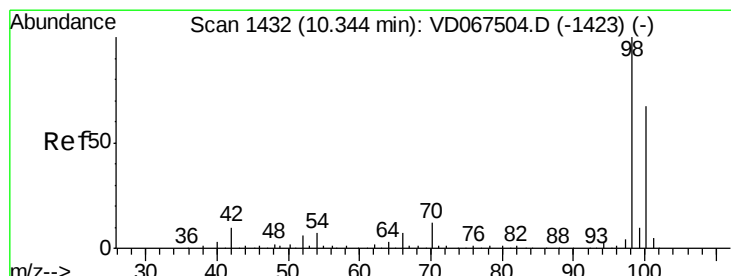
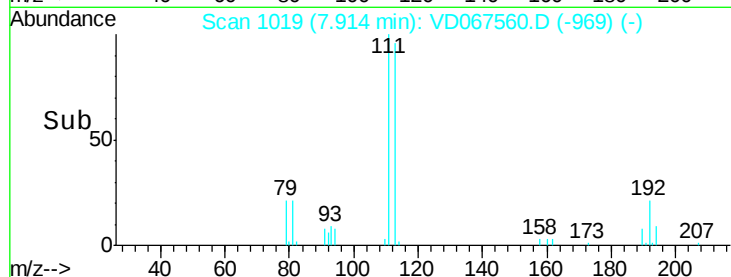
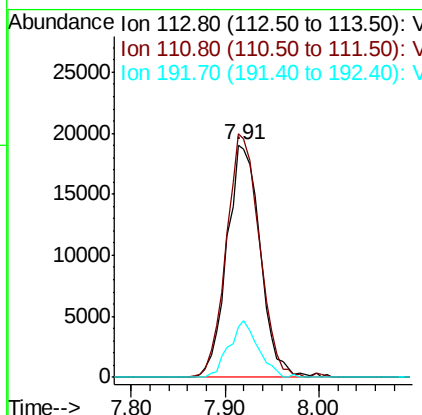
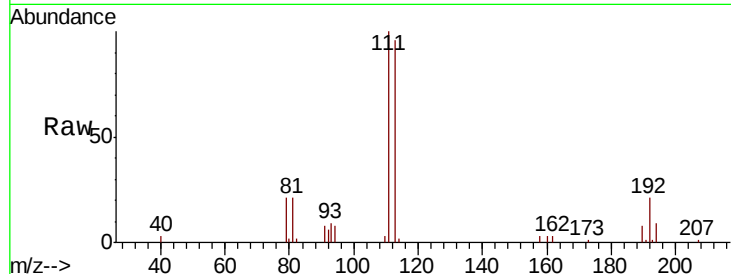




#35
Dibromofluoromethane
Concen: 61.626 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD067560.D
Acq: 09 Nov 2020 12:39

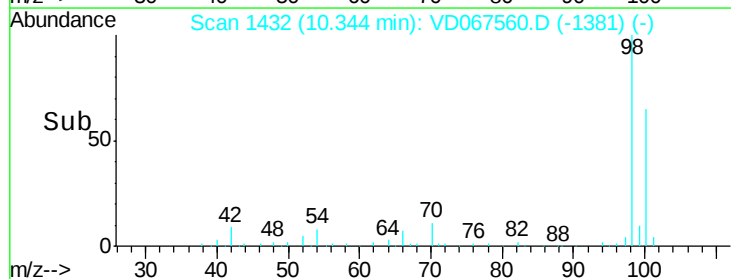
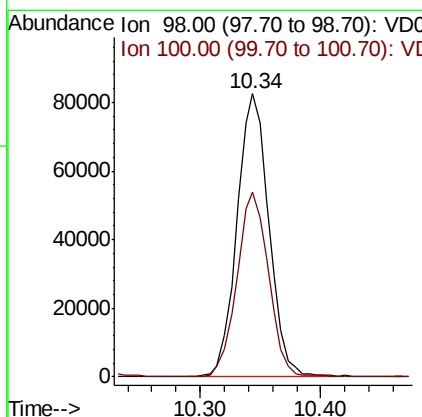
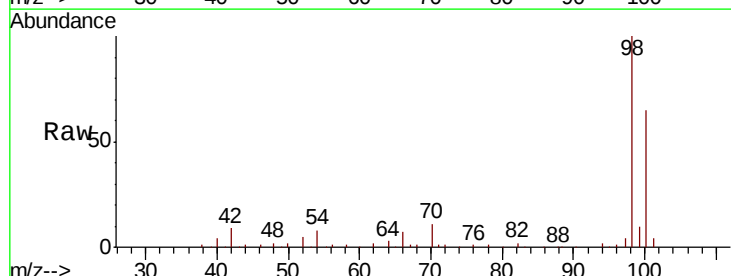
Instrument :
MSVOA_D
ClientSampleId :
TR-04-110620

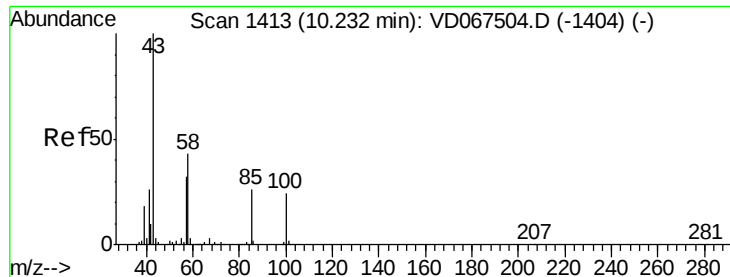
Tot Ion:113 Resp: 46972
Ion Ratio Lower Upper
113 100
111 103.6 80.0 120.0
192 21.1 16.3 24.5



#50
Toluene-d8
Concen: 56.664 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067560.D
Acq: 09 Nov 2020 12:39

Tgt Ion: 98 Resp: 151780
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 23.617 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067560.D

Acq: 09 Nov 2020 12:39

Instrument :

MSVOA_D

ClientSampleId :

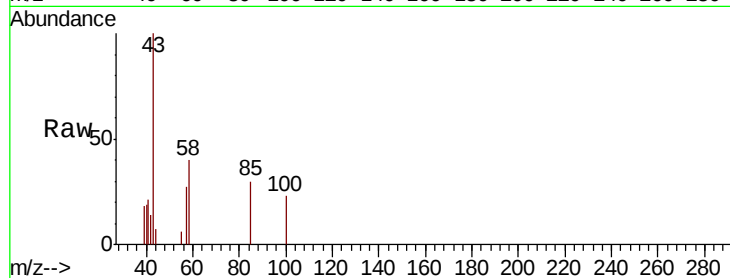
TR-04-110620

Tot Ion: 43 Resp: 6280

Ion Ratio Lower Upper

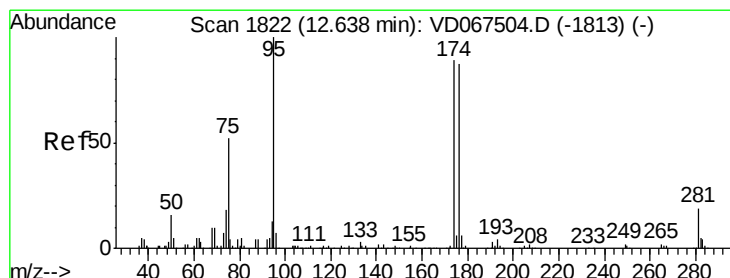
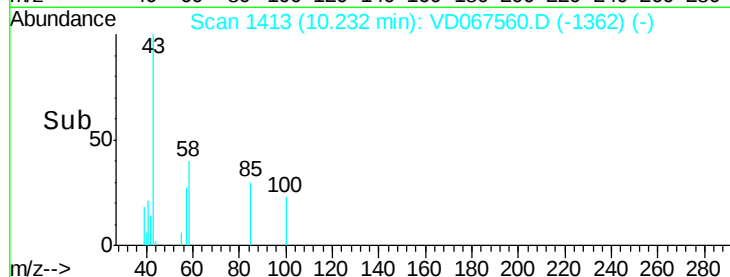
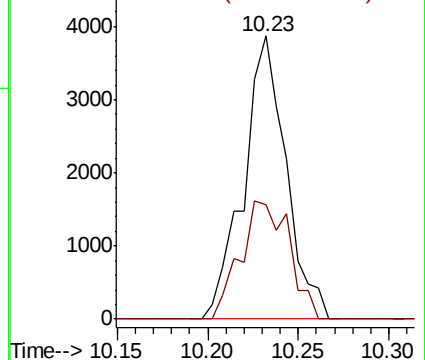
43 100

58 48.0 35.6 53.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 65.219 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD067560.D

Acq: 09 Nov 2020 12:39

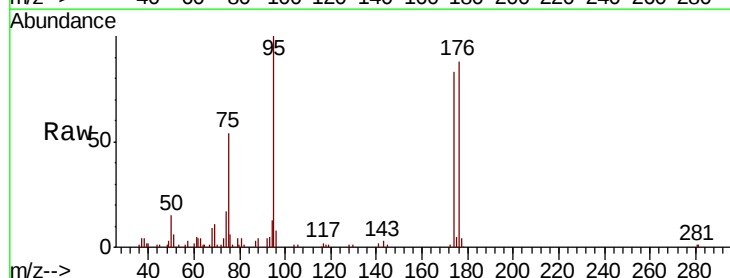
Tgt Ion: 95 Resp: 60313

Ion Ratio Lower Upper

95 100

174 91.7 0.0 177.8

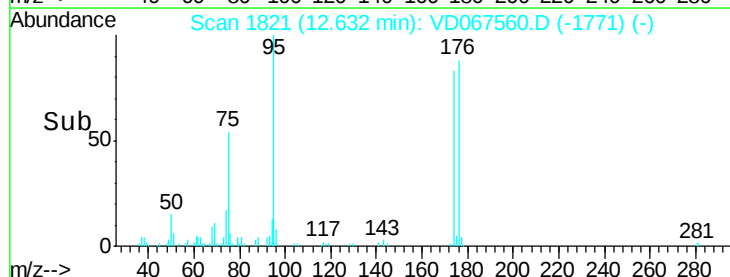
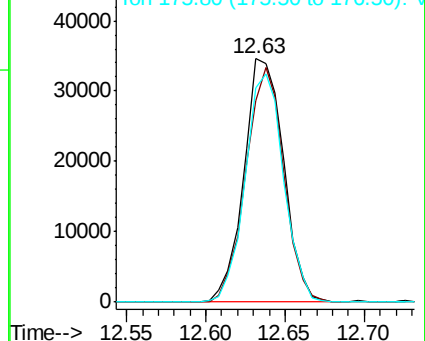
176 90.6 0.0 172.0

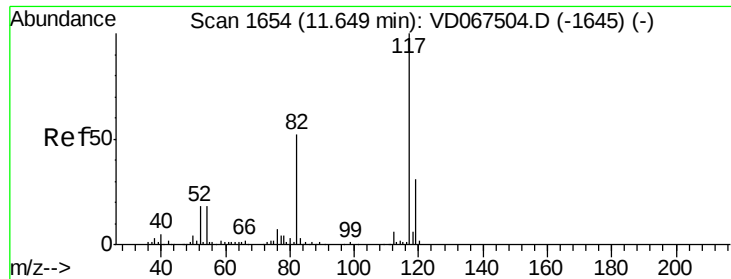


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

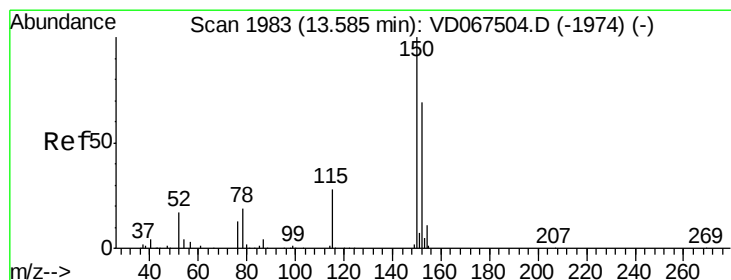
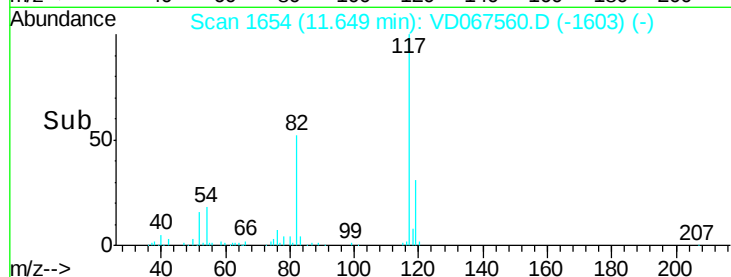
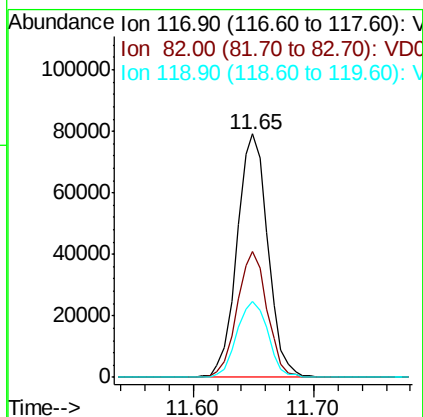
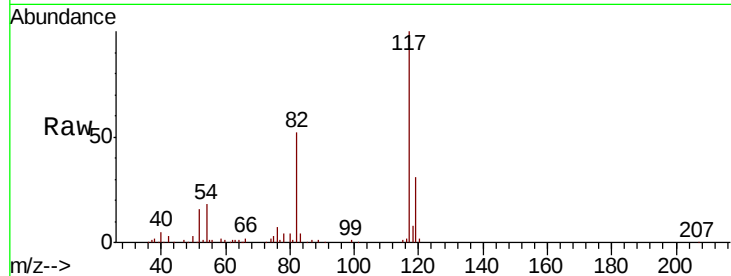




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067560.D
Acq: 09 Nov 2020 12:39

Instrument :
MSVOA_D
ClientSampleId :
TR-04-110620

Tot Ion:117 Resp: 141179
Ion Ratio Lower Upper
117 100
82 51.9 41.6 62.4
119 31.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067560.D
Acq: 09 Nov 2020 12:39

Tgt Ion:152 Resp: 76532
Ion Ratio Lower Upper
152 100
115 56.1 29.3 88.0
150 153.1 0.0 338.2

