

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101620\
 Data File : VD067295.D
 Acq On : 16 Oct 2020 13:18
 Operator : VA/SY
 Sample : L4219-09
 Misc : 7.20G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-101520

Quant Time: Oct 17 01:01:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

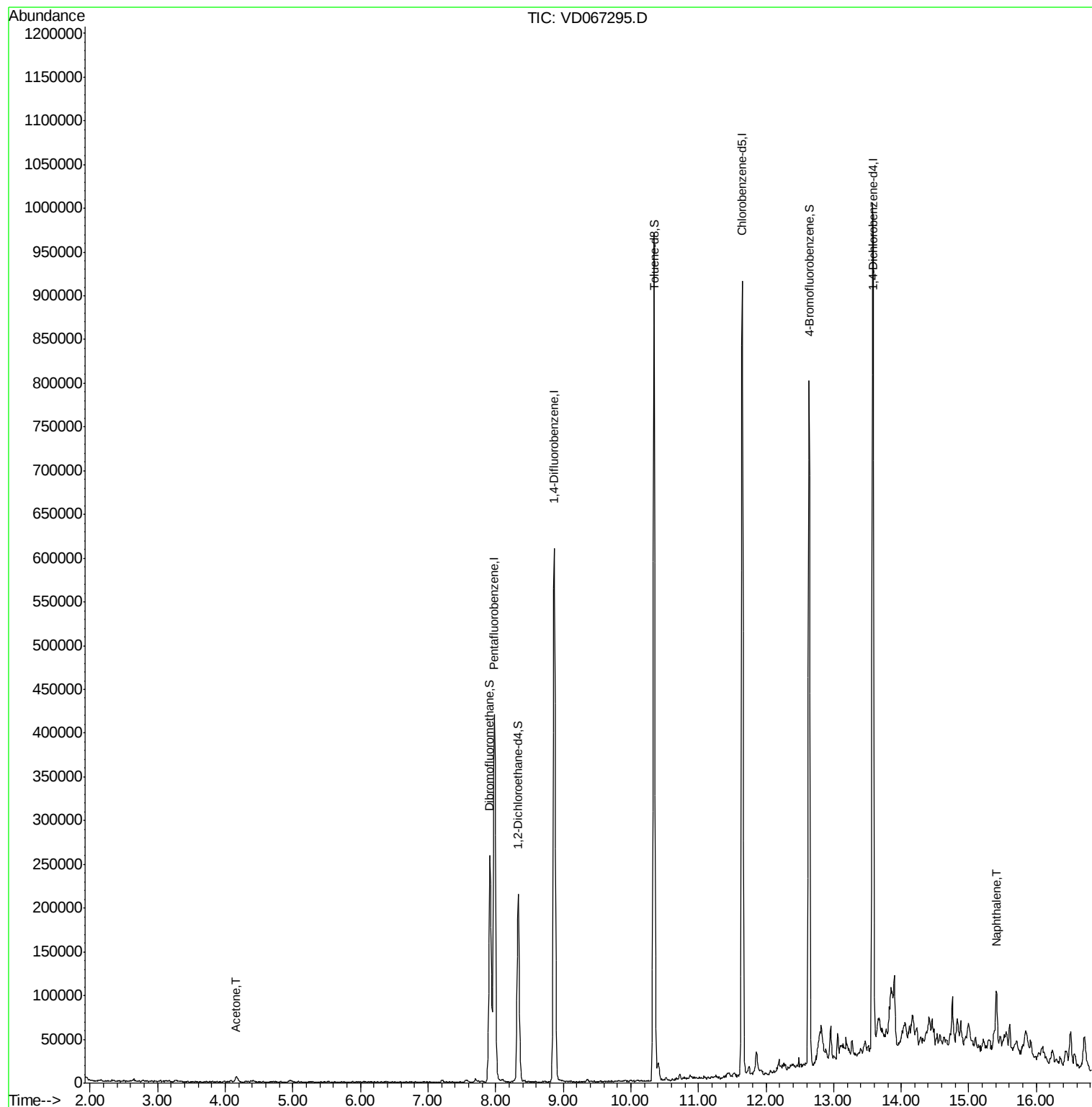
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	324947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	555848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	554936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	274945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	187654	57.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.28%	
35) Dibromofluoromethane	7.91	113	181855	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
50) Toluene-d8	10.34	98	663757	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.64	95	258244	55.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.96%	
Target Compounds						
16) Acetone	4.16	43	10619	23.291	ug/l #	79
95) Naphthalene	15.41	128	64292	7.940	ug/l	97

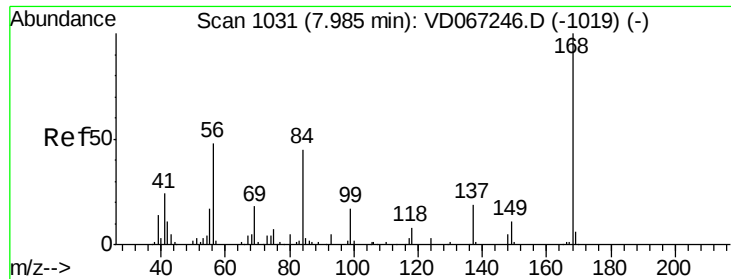
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 14 03:30:30 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: VD067295.D

Acq: 16 Oct 2020 13:18

Instrument :

MSVOA_D

ClientSampleId :

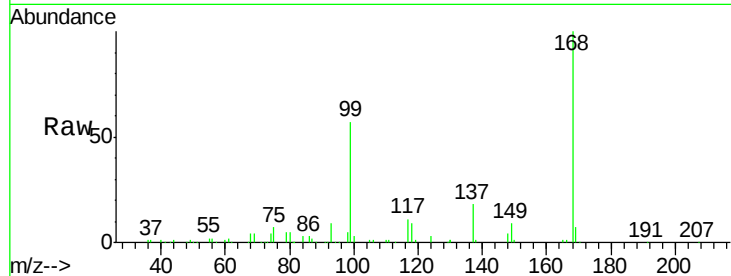
CL-02-101520

Tot Ion:168 Resp: 324947

Ion Ratio Lower Upper

168 100

99 56.7 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

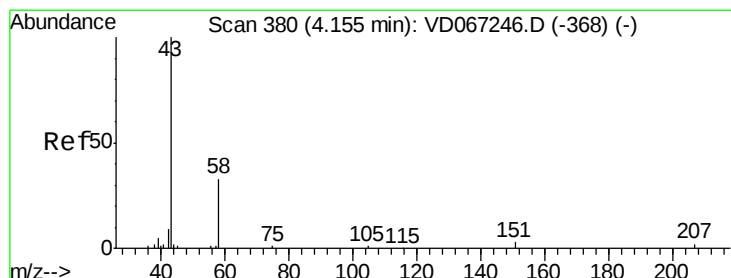
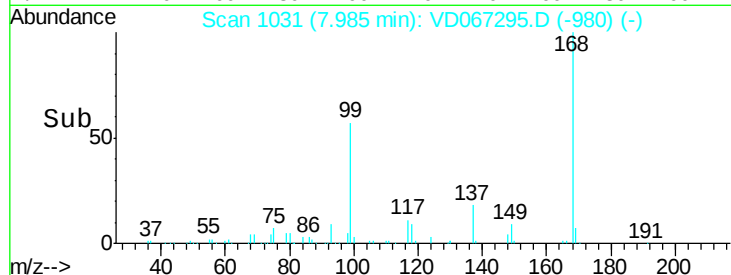
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 23.291 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067295.D

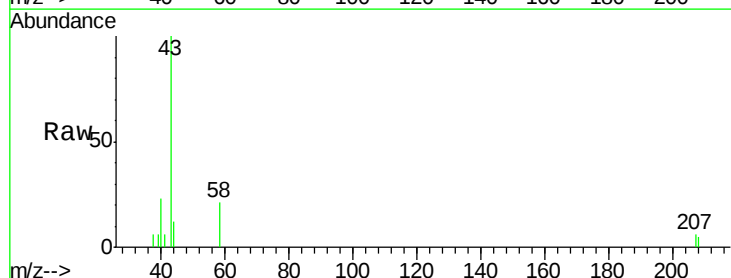
Acq: 16 Oct 2020 13:18

Tgt Ion: 43 Resp: 10619

Ion Ratio Lower Upper

43 100

58 21.1 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

4000

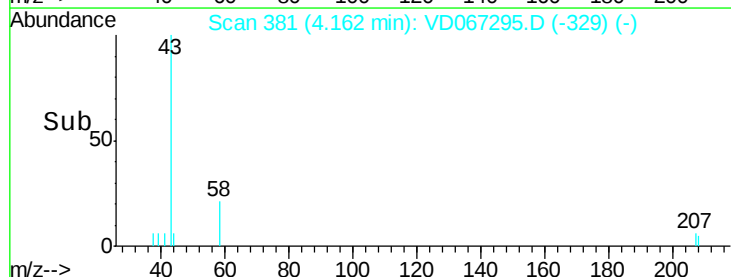
3000

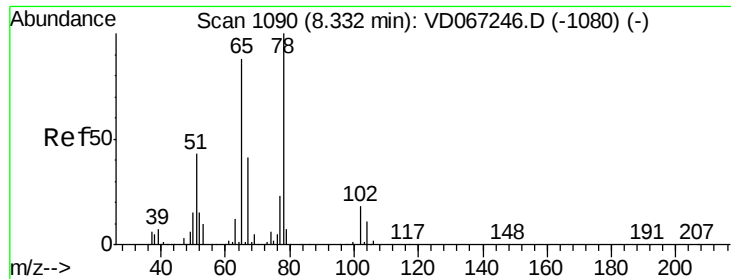
2000

1000

0

Time-->

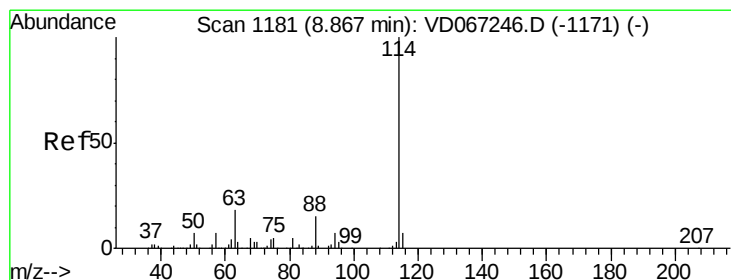
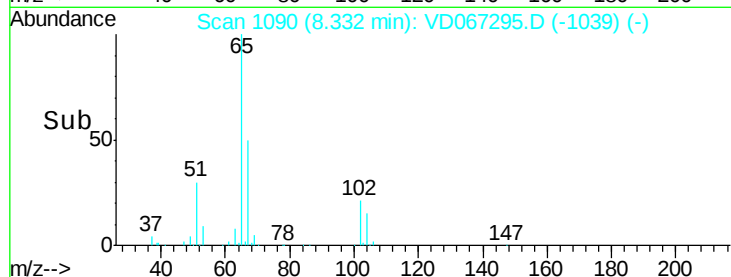
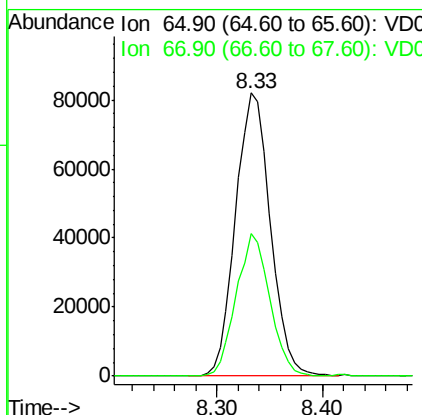
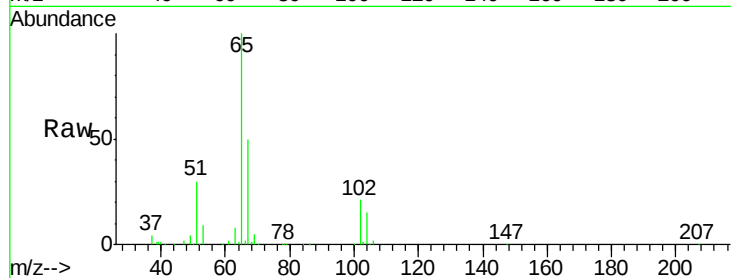




#33
 1,2-Dichloroethane-d4
 Concen: 57.642 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067295.D
 Acq: 16 Oct 2020 13:18

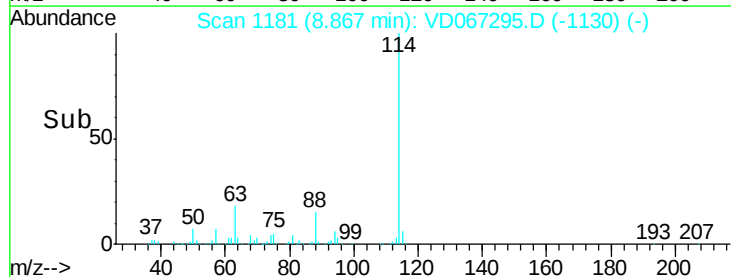
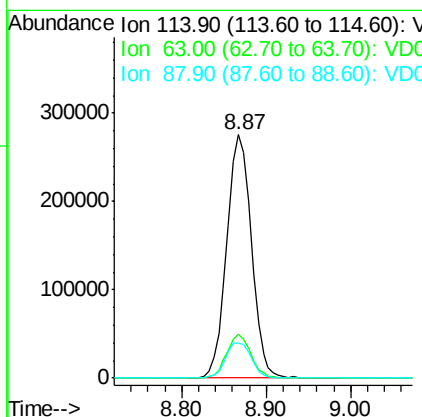
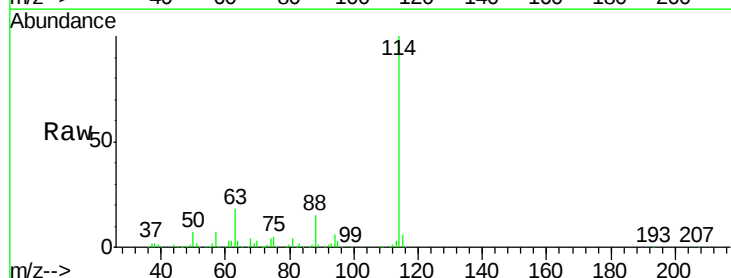
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-101520

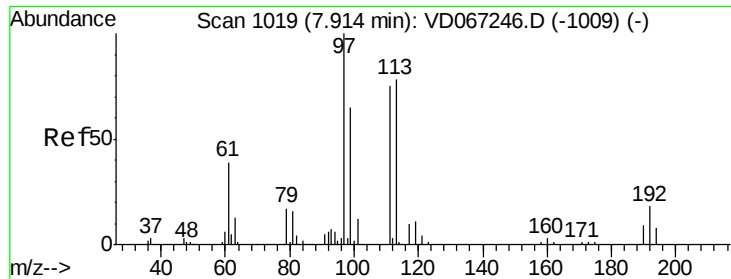
Tot Ion: 65 Resp: 187654
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067295.D
 Acq: 16 Oct 2020 13:18

Tgt Ion: 114 Resp: 555848
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.0
 88 14.5 0.0 30.6

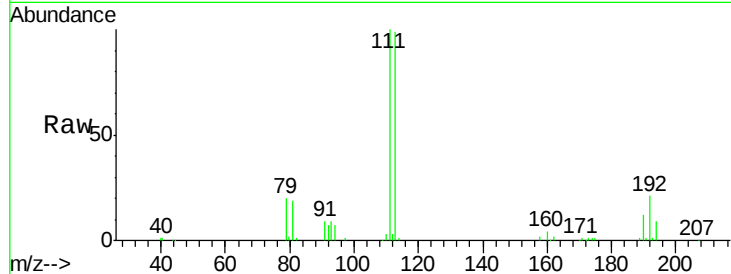




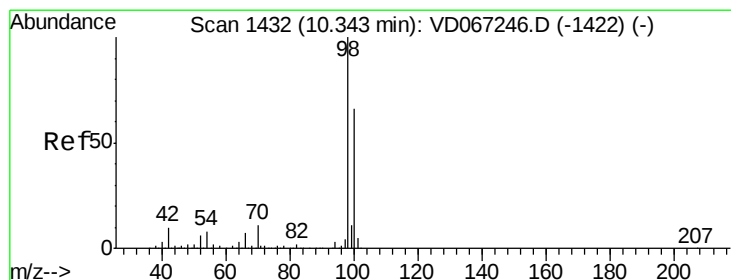
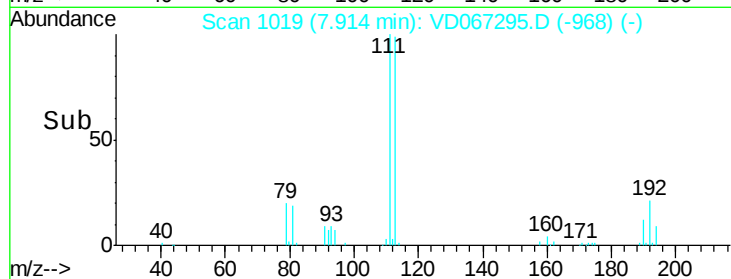
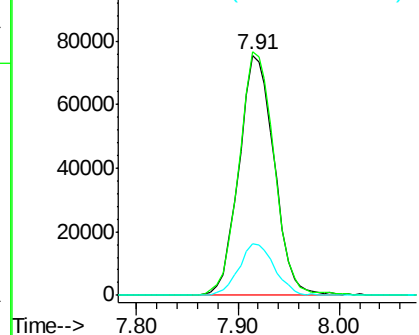
#35
 Dibromofluoromethane
 Concen: 49.161 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067295.D
 Acq: 16 Oct 2020 13:18

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-101520

Tot Ion:113 Resp: 181855
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.6 122.4
 192 21.4 17.0 25.4

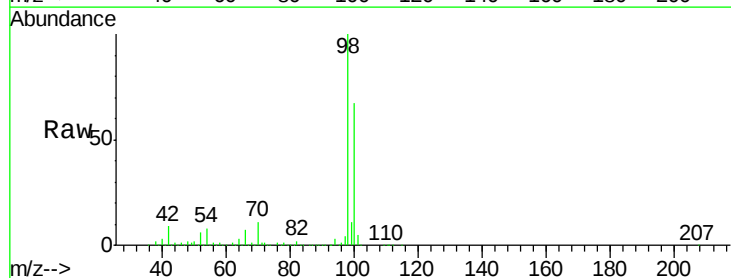


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

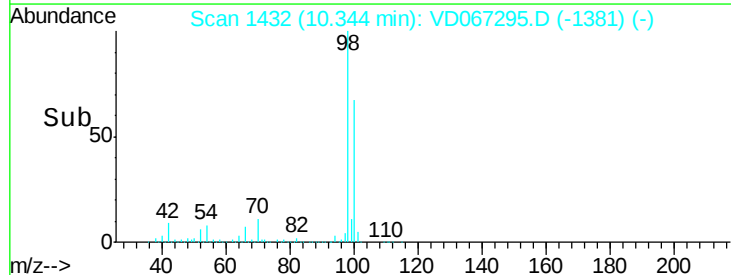
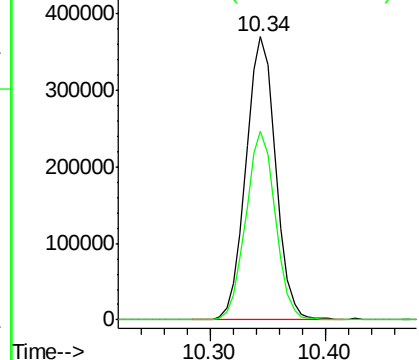


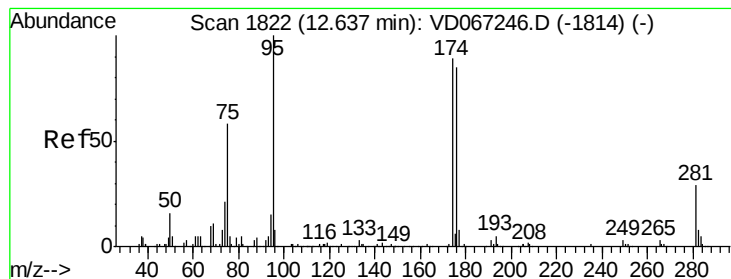
#50
 Toluene-d8
 Concen: 49.582 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067295.D
 Acq: 16 Oct 2020 13:18

Tgt Ion: 98 Resp: 663757
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 55.477 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067295.D

Acq: 16 Oct 2020 13:18

Instrument :

MSVOA_D

ClientSampleId :

CL-02-101520

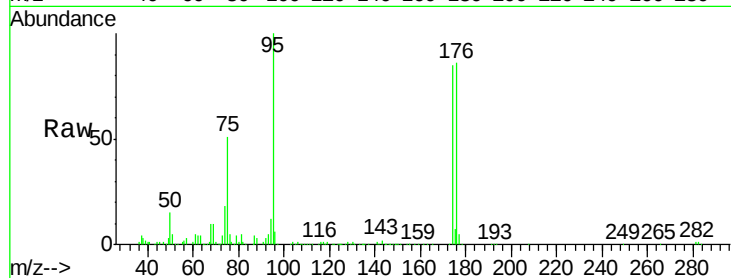
Tot Ion: 95 Resp: 258244

Ion Ratio Lower Upper

95 100

174 85.0 0.0 175.2

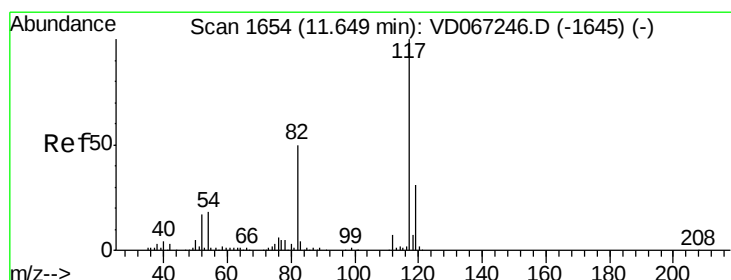
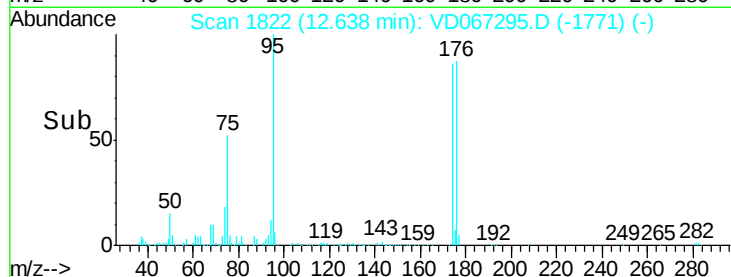
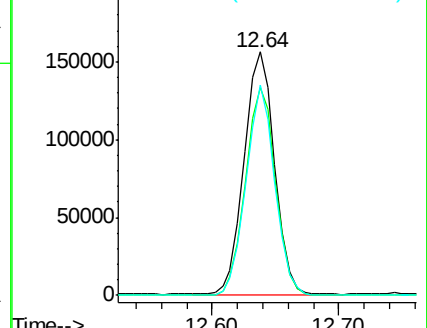
176 82.1 0.0 168.6



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: VD067295.D

Acq: 16 Oct 2020 13:18

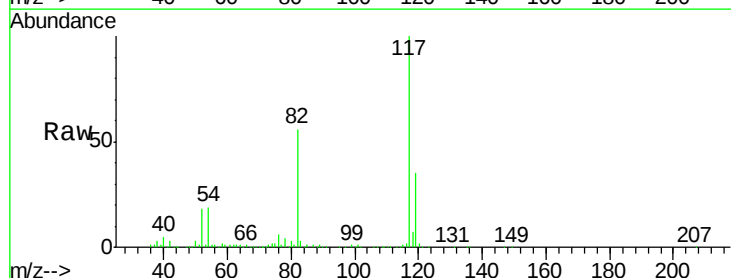
Tgt Ion: 117 Resp: 554936

Ion Ratio Lower Upper

117 100

82 55.6 39.9 59.9

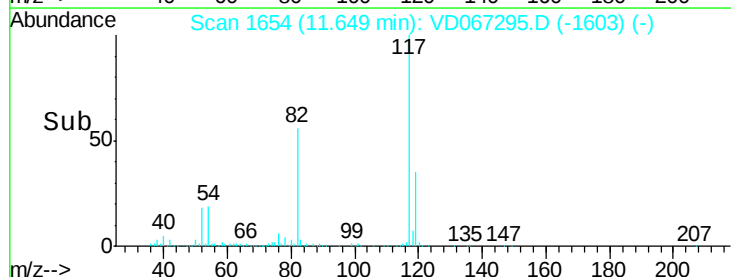
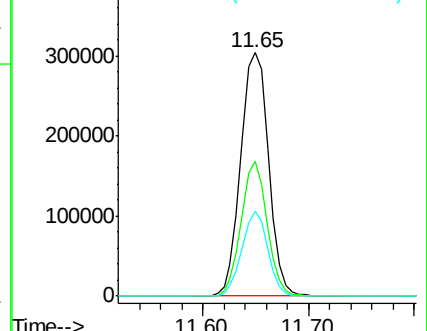
119 34.9 24.9 37.3

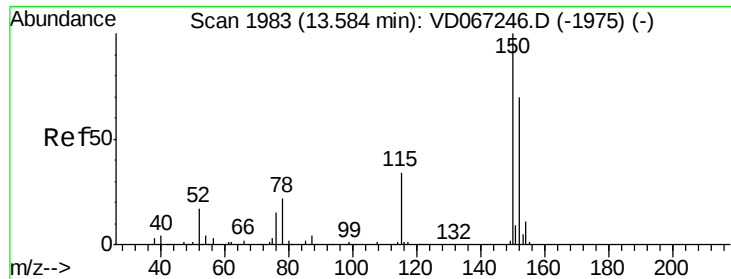


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD067295.D

Acq: 16 Oct 2020 13:18

Instrument :

MSVOA_D

ClientSampleId :

CL-02-101520

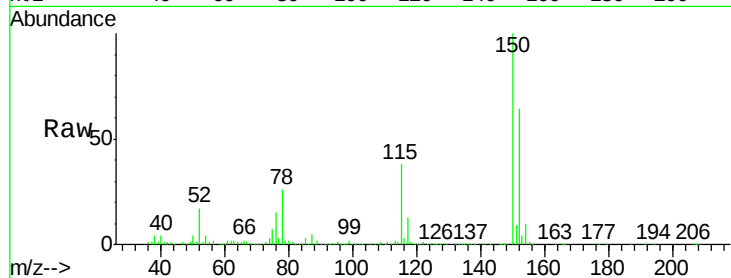
Tot Ion:152 Resp: 274945

Ion Ratio Lower Upper

152 100

115 60.9 29.3 87.9

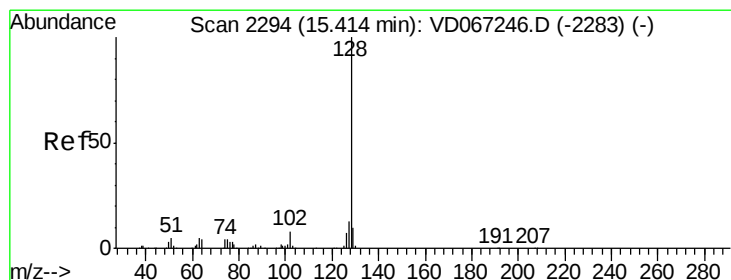
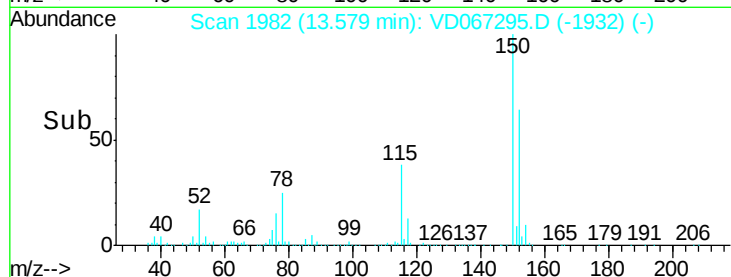
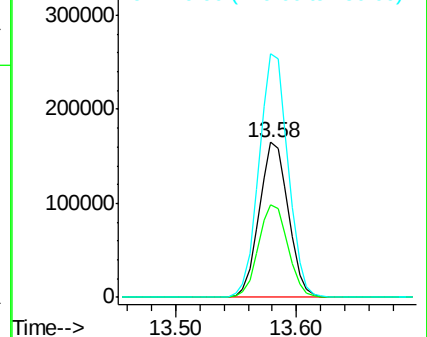
150 157.2 0.0 339.0



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



#95

Naphthalene

Concen: 7.940 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD067295.D

Acq: 16 Oct 2020 13:18

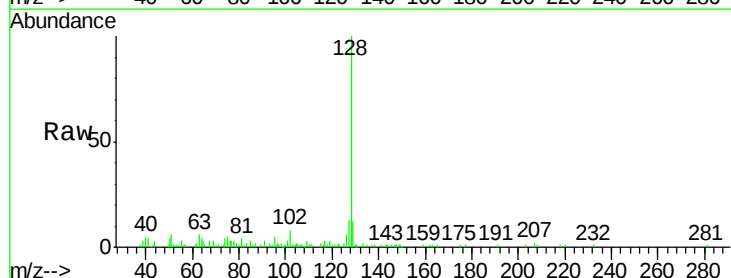
Tgt Ion:128 Resp: 64292

Ion Ratio Lower Upper

128 100

127 15.0 10.4 15.6

129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

