

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110620\
 Data File : VD067551.D
 Acq On : 06 Nov 2020 14:39
 Operator : VA/SY
 Sample : L4656-20
 Misc : 4.92G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SR-L14-L13-NORTH

Quant Time: Nov 06 23:57:54 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

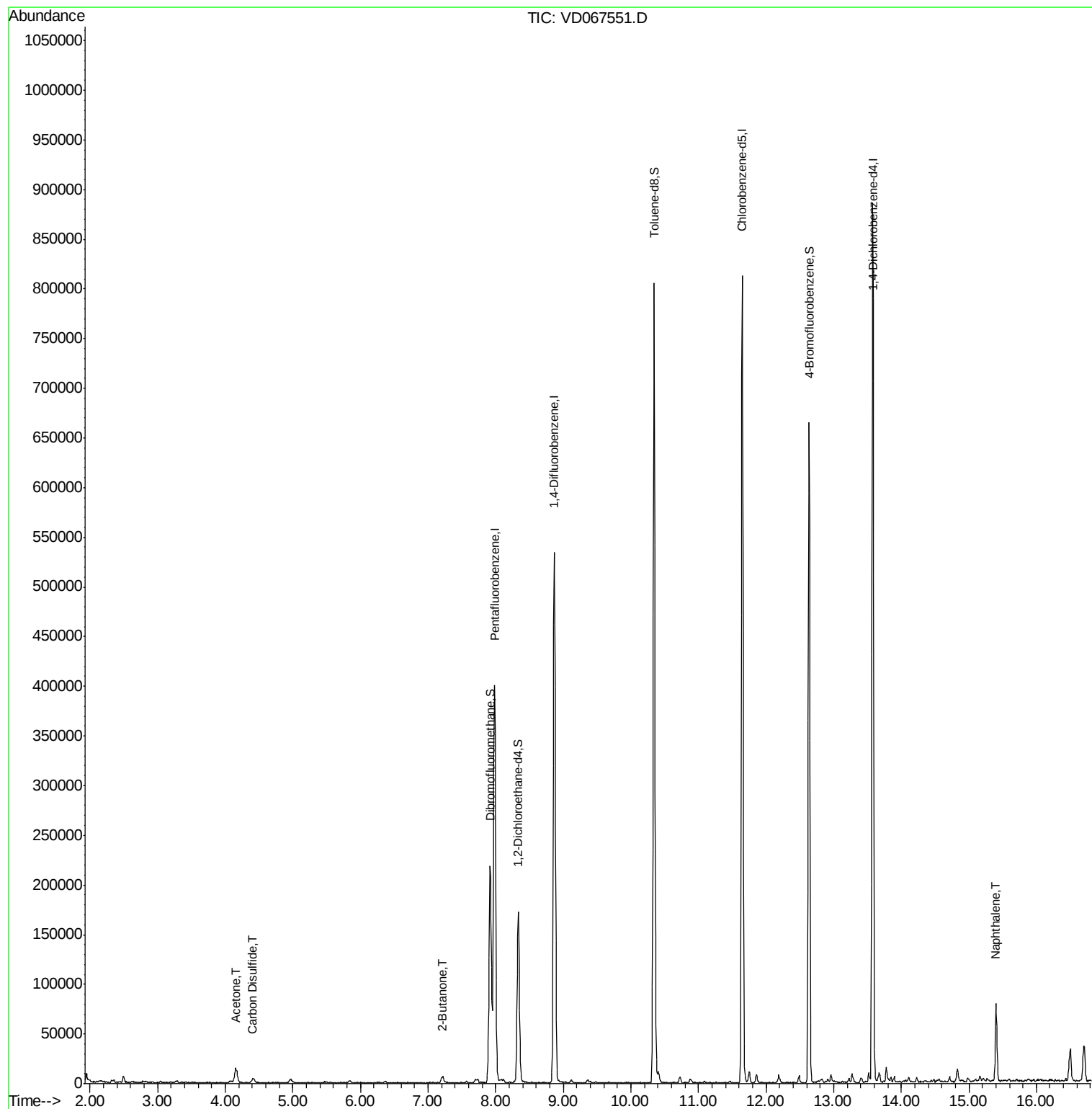
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	305464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	485034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	484368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	243679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	156723	58.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.36%	
35) Dibromofluoromethane	7.92	113	154054	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
50) Toluene-d8	10.34	98	564014	54.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.84%	
62) 4-Bromofluorobenzene	12.64	95	209012	58.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.90%	
Target Compounds						
16) Acetone	4.16	43	27543	68.910	ug/l	99
17) Carbon Disulfide	4.41	76	10356	1.326	ug/l #	88
25) 2-Butanone	7.22	43	7420	17.374	ug/l	92
95) Naphthalene	15.40	128	68824	10.287	ug/l	99

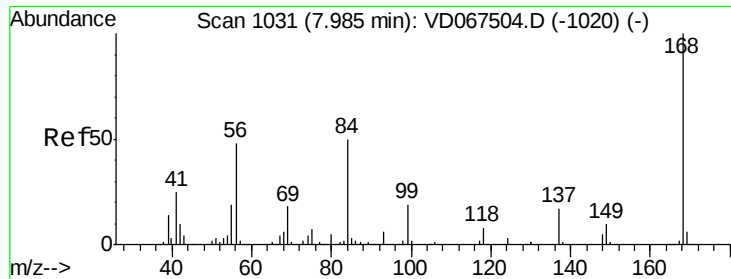
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110620\
Data File : VD067551.D
Acq On : 06 Nov 2020 14:39
Operator : VA/SY
Sample : L4656-20
Misc : 4.92G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SR-L14-L13-NORTH

Quant Time: Nov 06 23:57:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 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: VD067551.D

Acq: 06 Nov 2020 14:39

Instrument :

MSVOA_D

ClientSampleId :

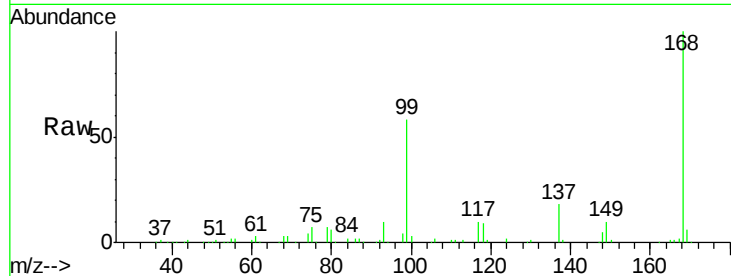
SR-L14-L13-NORTH

Tot Ion:168 Resp: 305464

Ion Ratio Lower Upper

168 100

99 57.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

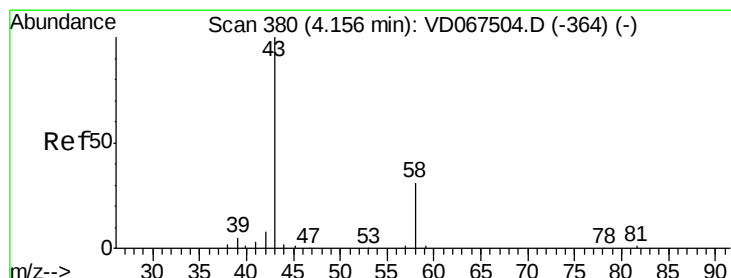
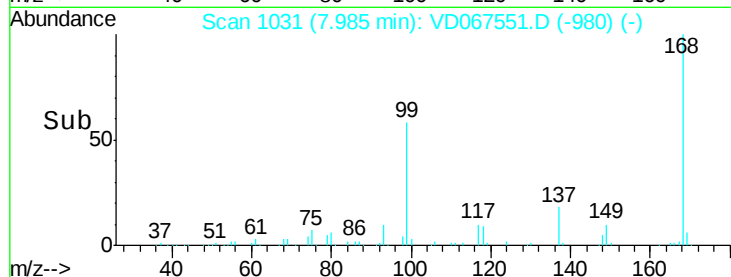
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 68.910 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067551.D

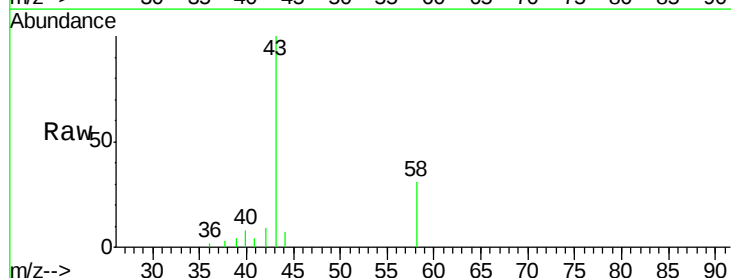
Acq: 06 Nov 2020 14:39

Tgt Ion: 43 Resp: 27543

Ion Ratio Lower Upper

43 100

58 30.7 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

10000

8000

6000

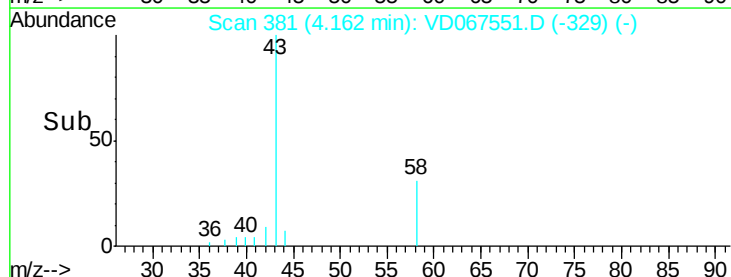
4000

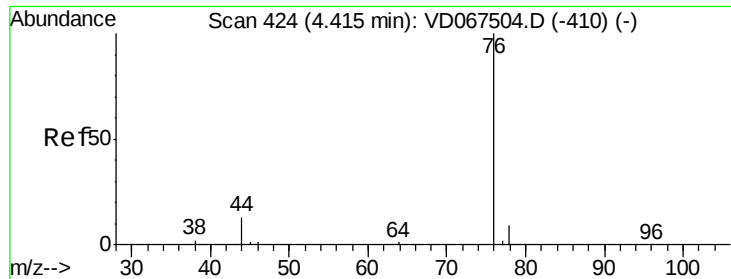
2000

0

Time-->

4.10 4.20 4.30





#17

Carbon Disulfide

Concen: 1.326 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD067551.D

Acq: 06 Nov 2020 14:39

Instrument :

MSVOA_D

ClientSampleId :

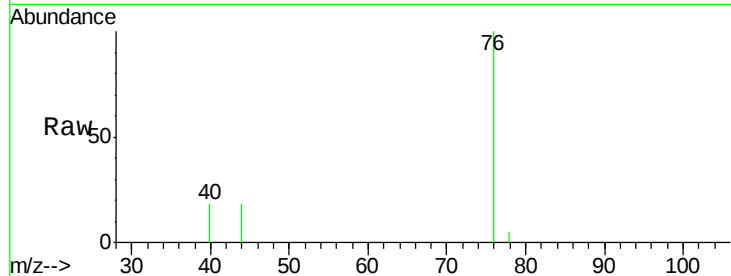
SR-L14-L13-NORTH

Tot Ion: 76 Resp: 10356

Ion Ratio Lower Upper

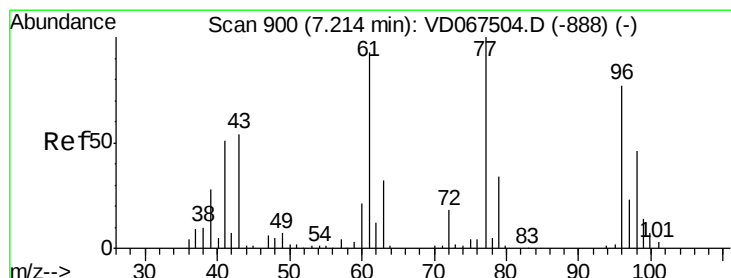
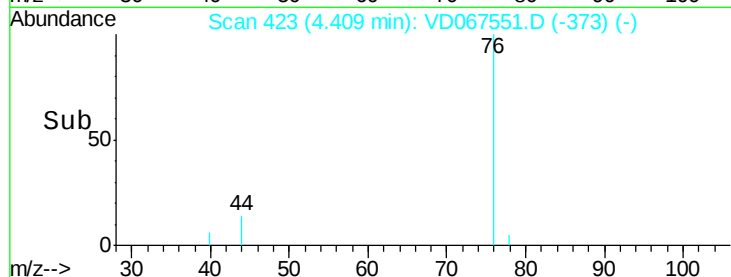
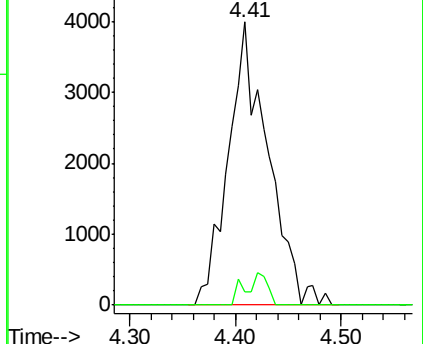
76 100

78 4.7 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#25

2-Butanone

Concen: 17.374 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067551.D

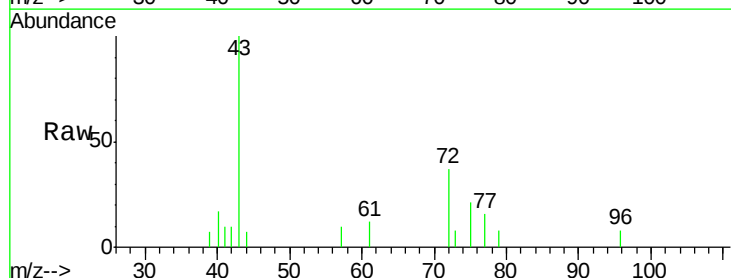
Acq: 06 Nov 2020 14:39

Tgt Ion: 43 Resp: 7420

Ion Ratio Lower Upper

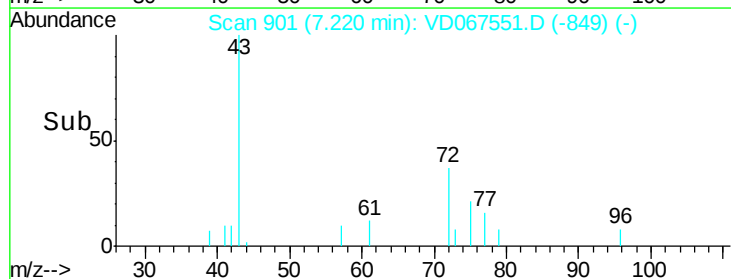
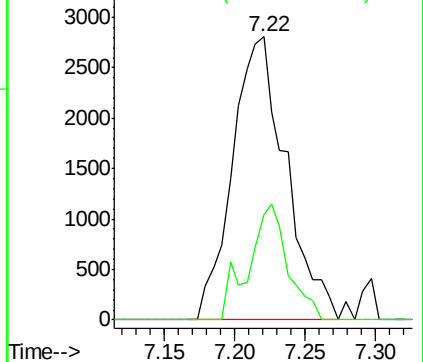
43 100

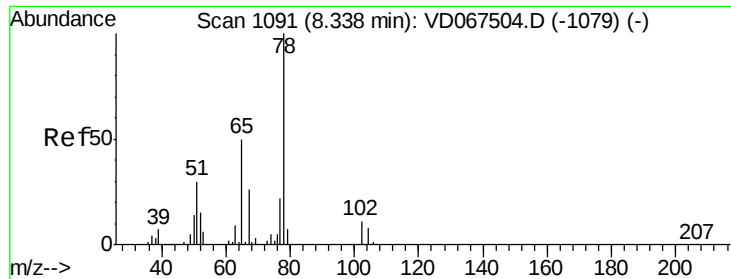
72 37.3 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 58.677 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067551.D

Acq: 06 Nov 2020 14:39

Instrument :

MSVOA_D

ClientSampleId :

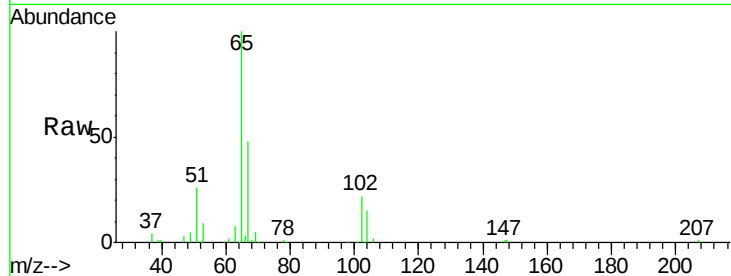
SR-L14-L13-NORTH

Tot Ion: 65 Resp: 156723

Ion Ratio Lower Upper

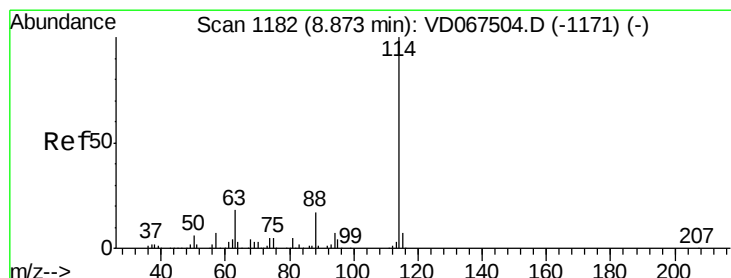
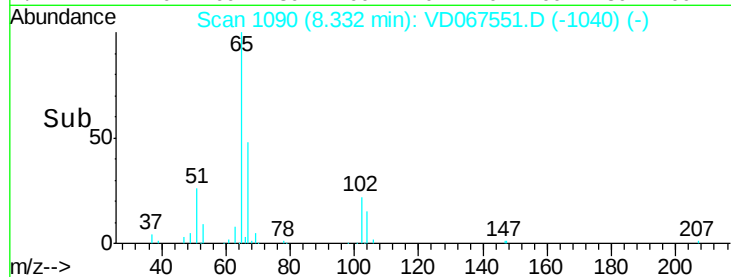
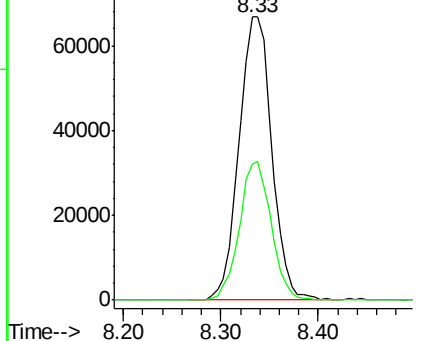
65 100

67 47.3 0.0 99.4



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. -0.01 min

Lab File: VD067551.D

Acq: 06 Nov 2020 14:39

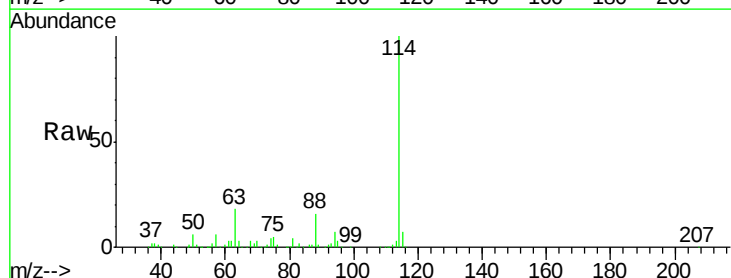
Tgt Ion: 114 Resp: 485034

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

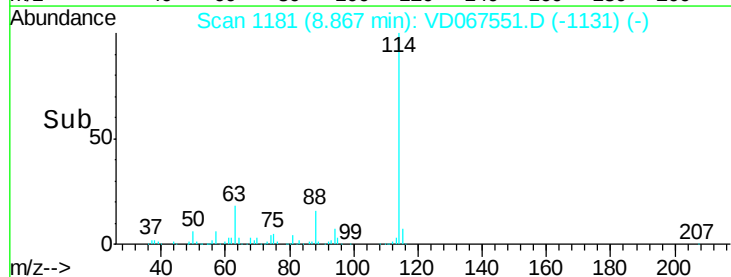
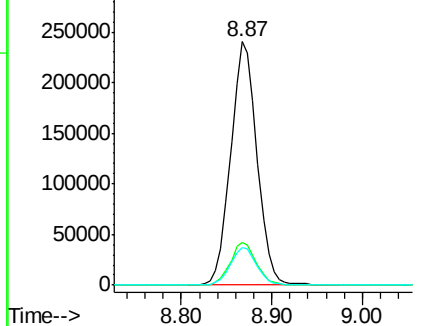
88 15.5 0.0 33.0

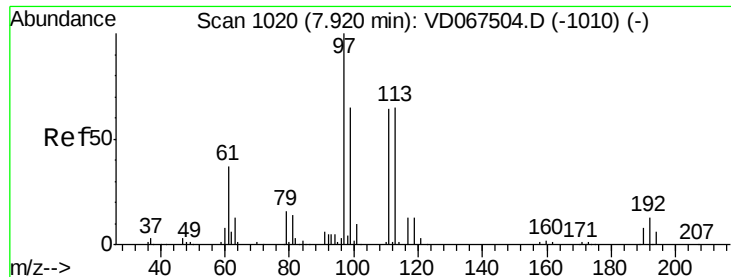


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

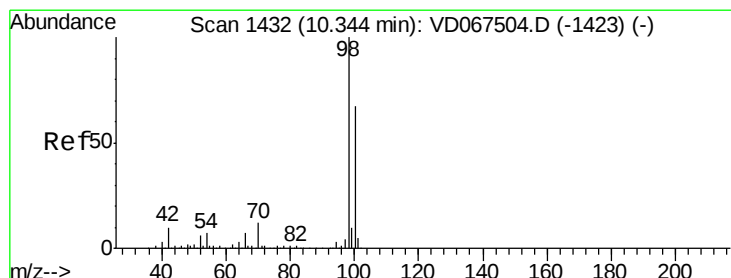
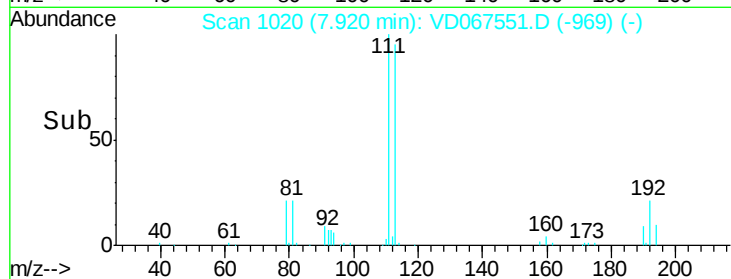
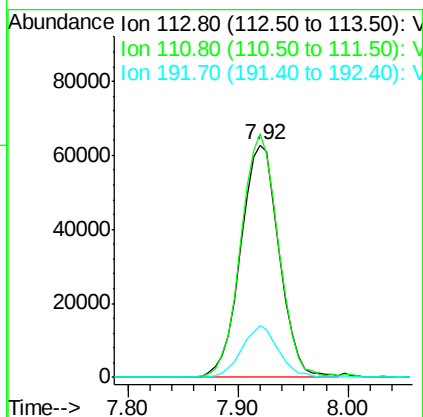
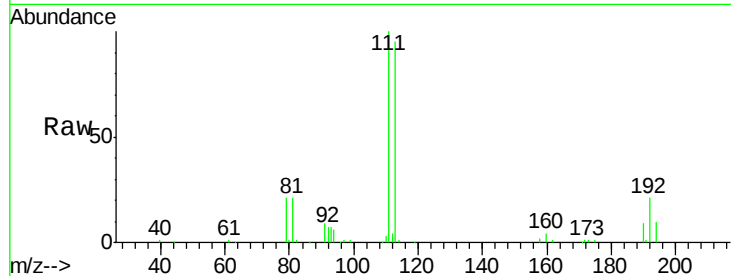




#35
 Dibromofluoromethane
 Concen: 52.716 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067551.D
 Acq: 06 Nov 2020 14:39

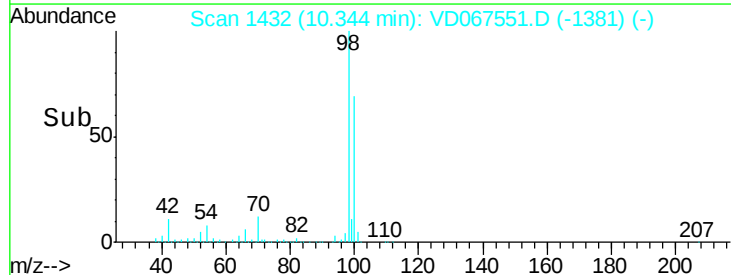
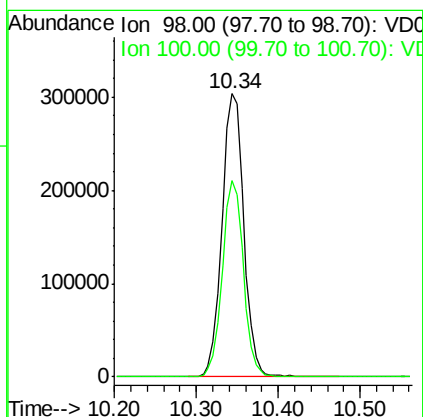
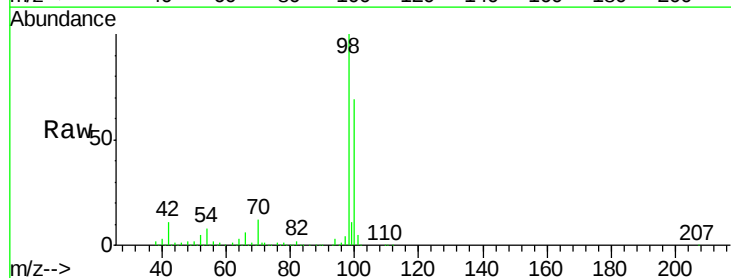
Instrument :
 MSVOA_D
 ClientSampleId :
 SR-L14-L13-NORTH

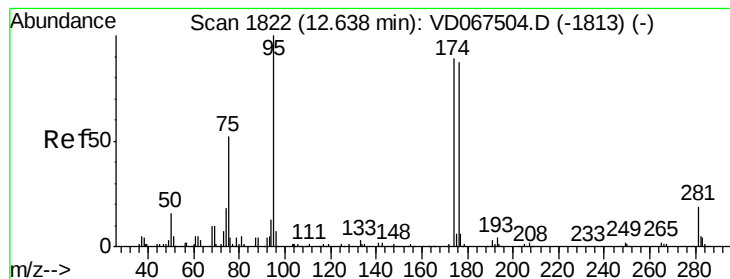
Tot Ion:113 Resp: 154054
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.0 120.0
 192 21.1 16.3 24.5



#50
 Toluene-d8
 Concen: 54.920 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067551.D
 Acq: 06 Nov 2020 14:39

Tgt Ion: 98 Resp: 564014
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 58.950 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067551.D

Acq: 06 Nov 2020 14:39

Instrument :

MSVOA_D

ClientSampleId :

SR-L14-L13-NORTH

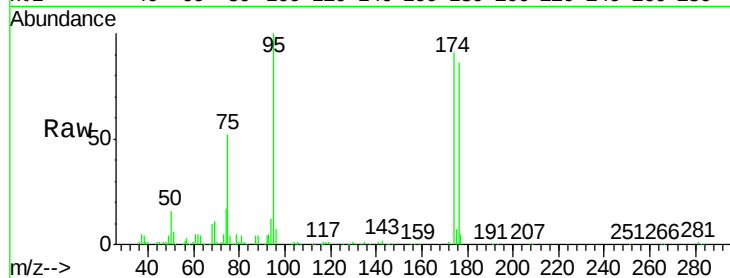
Tot Ion: 95 Resp: 209012

Ion Ratio Lower Upper

95 100

174 89.7 0.0 177.8

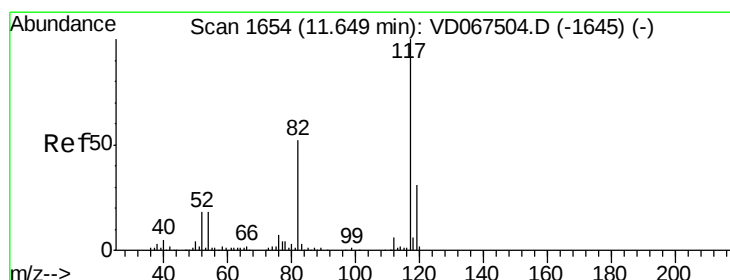
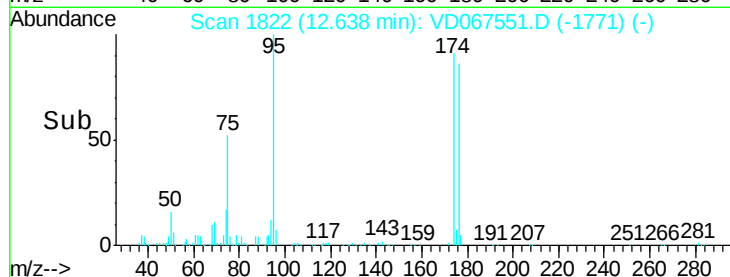
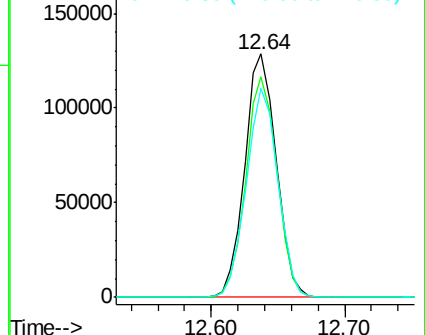
176 86.3 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): VD

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: VD067551.D

Acq: 06 Nov 2020 14:39

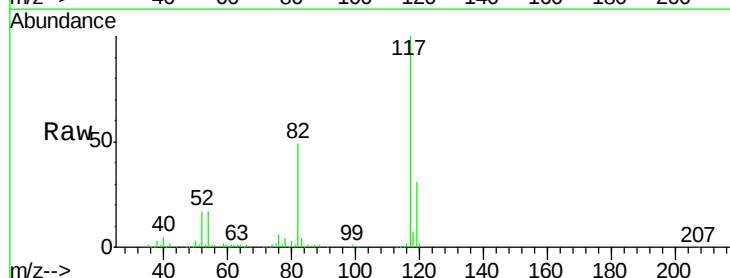
Tgt Ion: 117 Resp: 484368

Ion Ratio Lower Upper

117 100

82 49.3 41.6 62.4

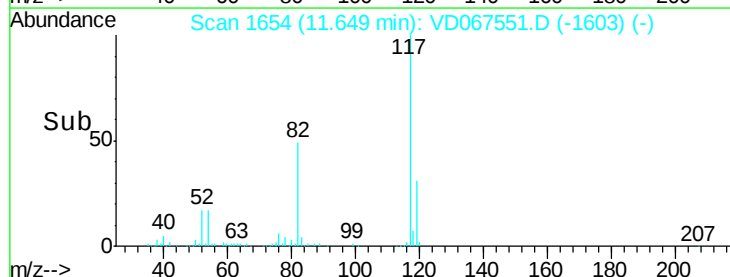
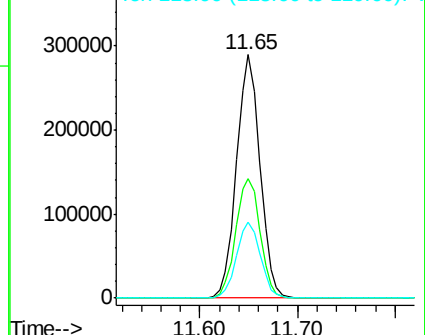
119 31.0 25.1 37.7

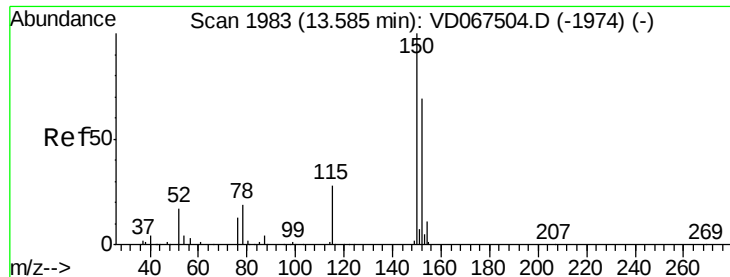


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VD

Ion 118.90 (118.60 to 119.60): V



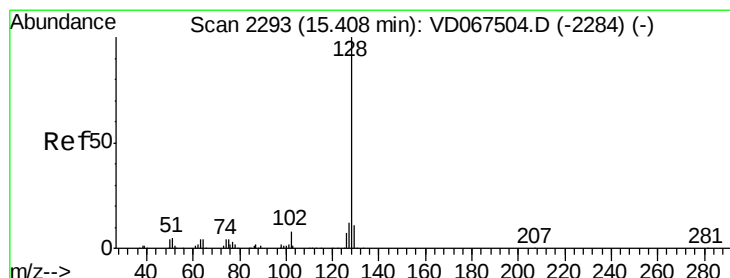
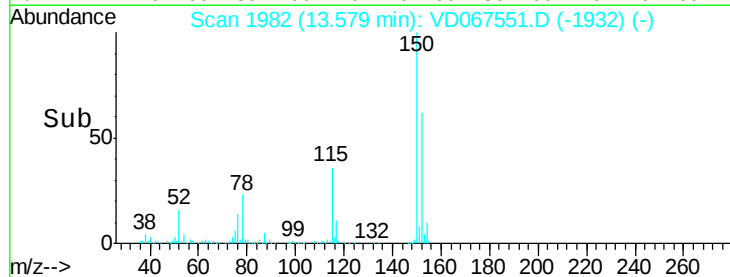
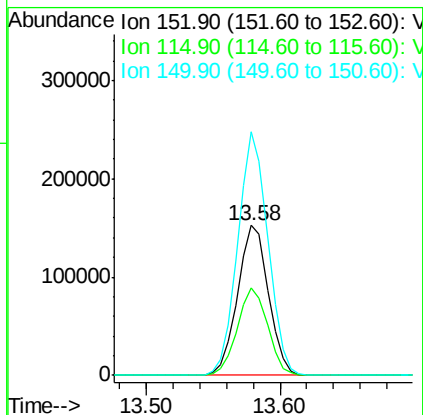
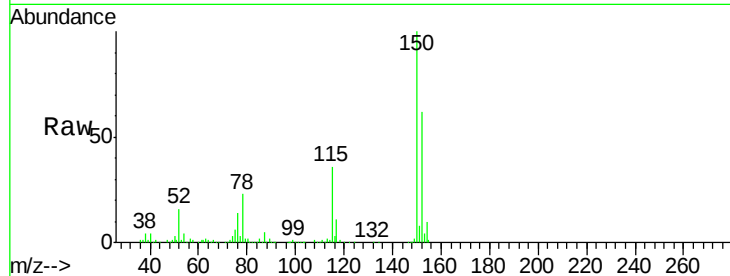


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067551.D
Acq: 06 Nov 2020 14:39

Instrument :
MSVOA_D
ClientSampleId :
SR-L14-L13-NORTH

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.3	88.0
150	158.6	0.0	338.2



#95

Naphthalene
Concen: 10.287 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067551.D
Acq: 06 Nov 2020 14:39

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.4
129	11.2	8.9	13.3

