

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052019\
 Data File : VD062465.D
 Acq On : 20 May 2019 19:31
 Operator : FY/SY
 Sample : K2894-17
 Misc : 4.95g/5mL/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-9-10

Quant Time: May 21 03:49:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

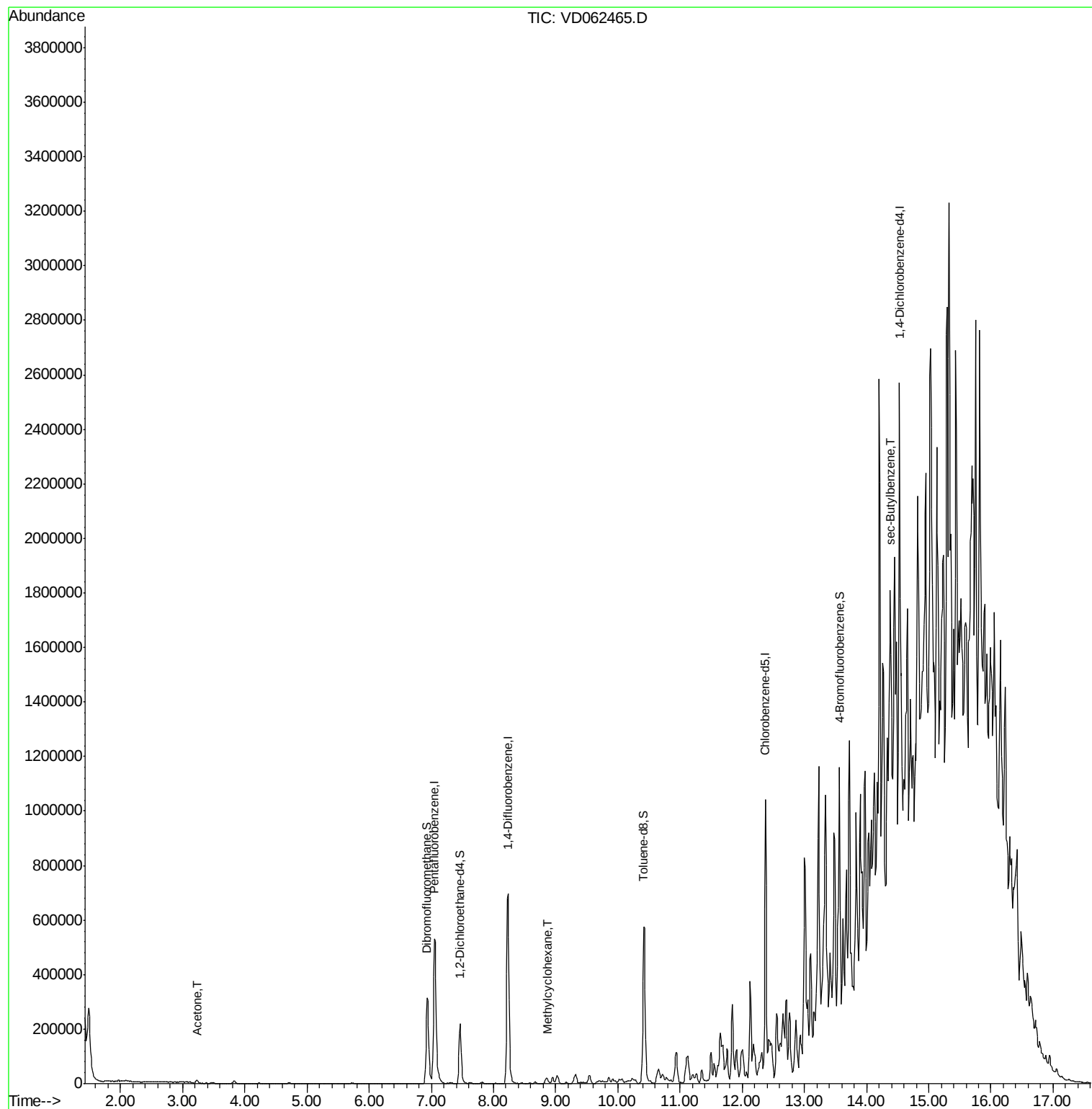
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	520371	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.23	114	785498	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	529631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	171310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	240760	43.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.44%	
35) Dibromofluoromethane	6.93	113	286009	40.36	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	80.72%	
50) Toluene-d8	10.43	98	470527	30.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.68%	
62) 4-Bromofluorobenzene	13.57	95	215746	31.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.60%	
Target Compounds						
16) Acetone	3.22	43	24952	24.998	ug/l #	86
39) Methylcyclohexane	8.87	83	8343	1.347	ug/l #	86
85) sec-Butylbenzene	14.37	105	48549	4.489	ug/l	96

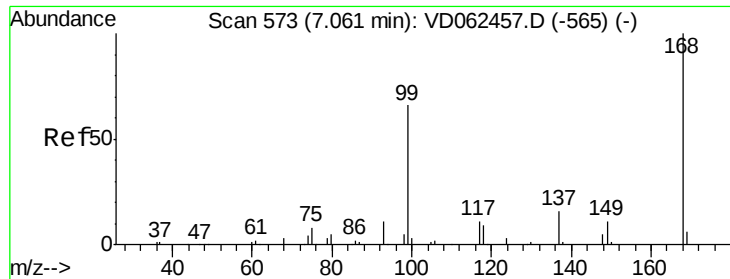
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052019\
Data File : VD062465.D
Acq On : 20 May 2019 19:31
Operator : FY/SY
Sample : K2894-17
Misc : 4.95g/5mL/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-02-9-10

Quant Time: May 21 03:49:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD062465.D

Acq: 20 May 2019 19:31

Instrument :

MSVOA_D

ClientSampleId :

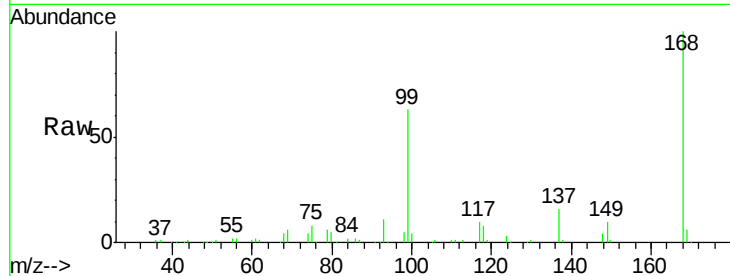
SB-02-9-10

Tot Ion:168 Resp: 520371

Ion Ratio Lower Upper

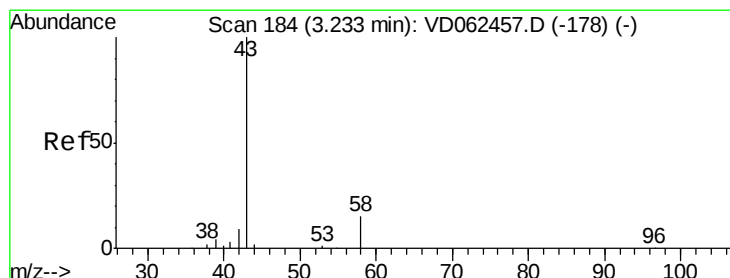
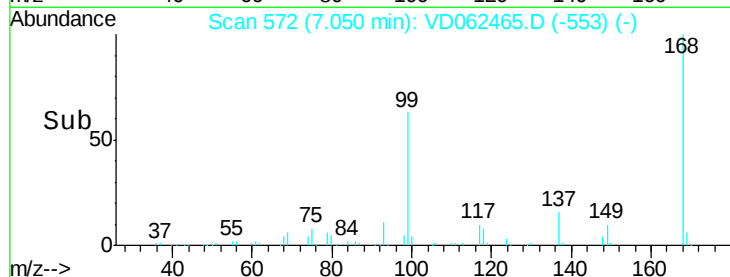
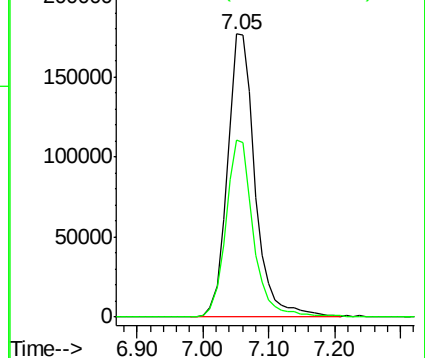
168 100

99 62.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 24.998 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD062465.D

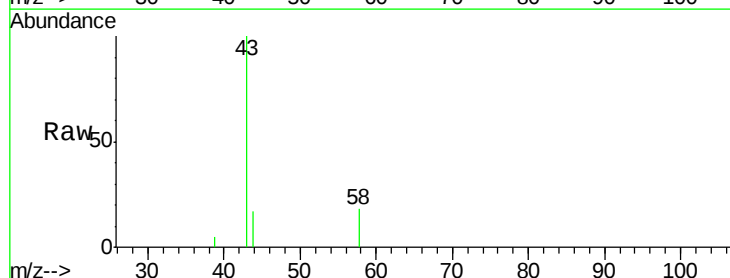
Acq: 20 May 2019 19:31

Tgt Ion: 43 Resp: 24952

Ion Ratio Lower Upper

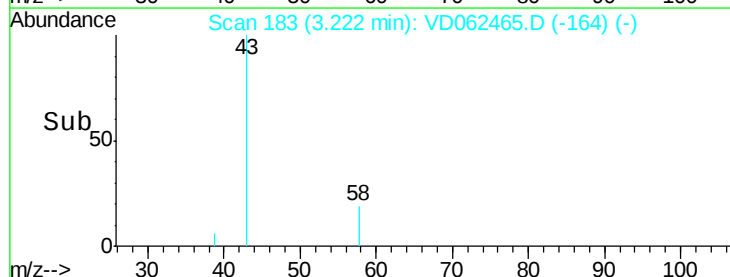
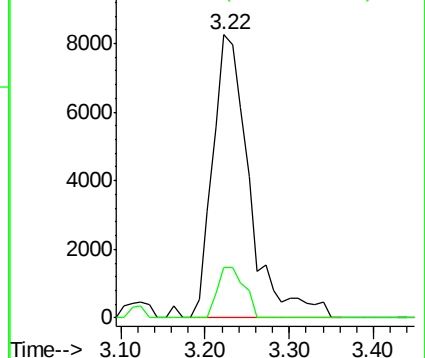
43 100

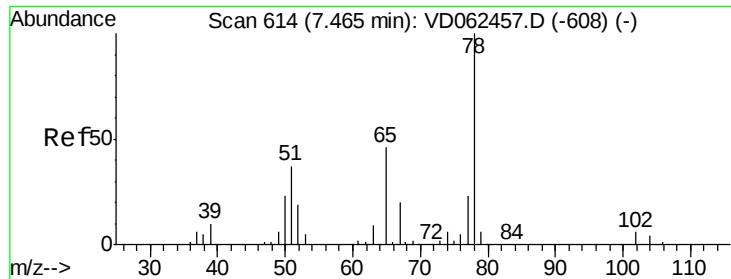
58 17.8 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 43.223 ug/l

RT: 7.46 min Scan# 614

Delta R.T. -0.00 min

Lab File: VD062465.D

Acq: 20 May 2019 19:31

Instrument :

MSVOA_D

ClientSampleId :

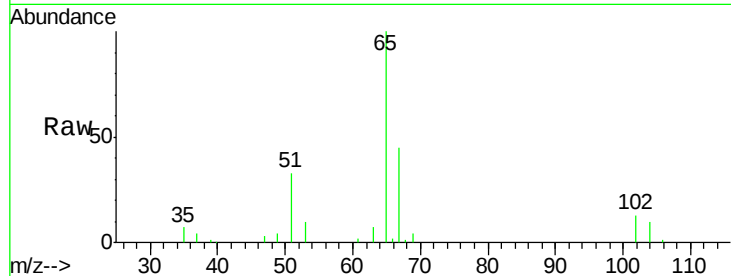
SB-02-9-10

Tot Ion: 65 Resp: 240760

Ion Ratio Lower Upper

65 100

67 44.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

80000

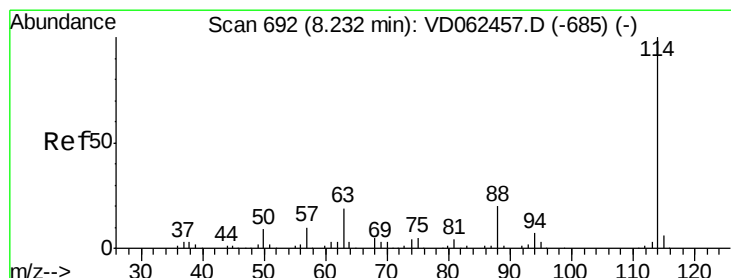
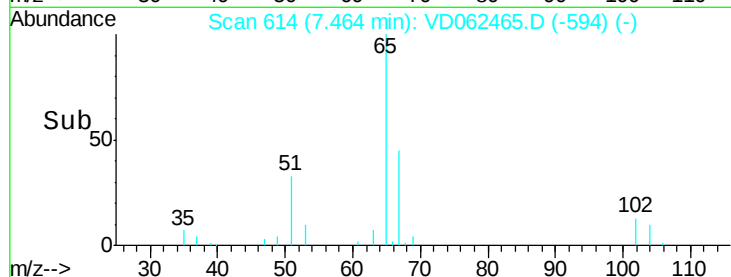
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. -0.00 min

Lab File: VD062465.D

Acq: 20 May 2019 19:31

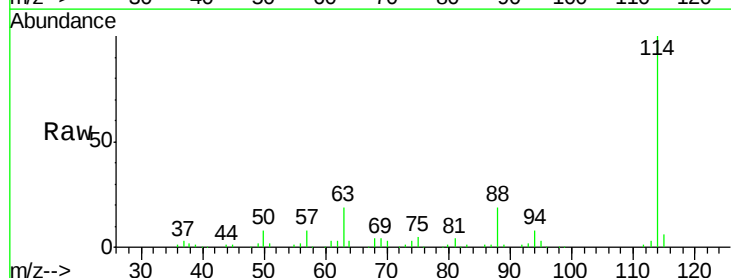
Tgt Ion: 114 Resp: 785498

Ion Ratio Lower Upper

114 100

63 19.3 0.0 32.4

88 18.5 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.23

400000

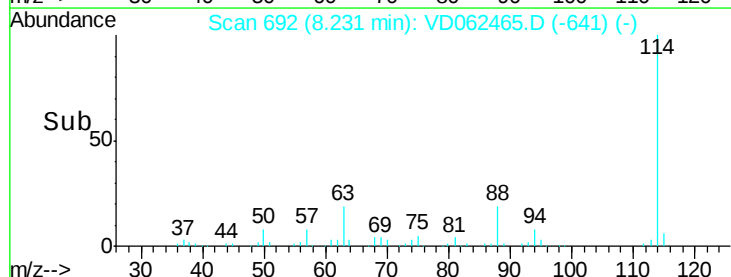
300000

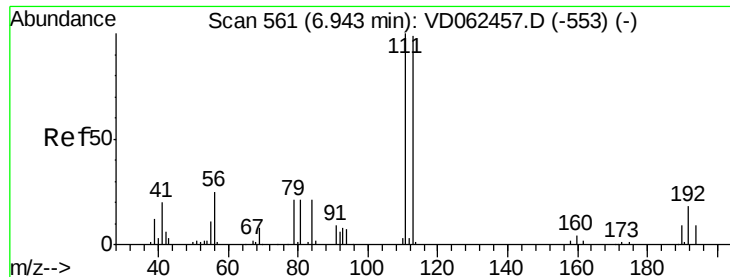
200000

100000

0

Time--> 8.20 8.40

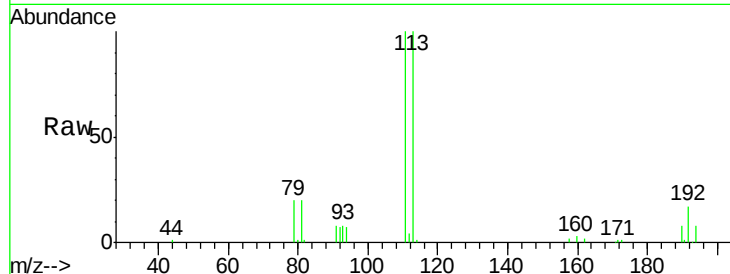




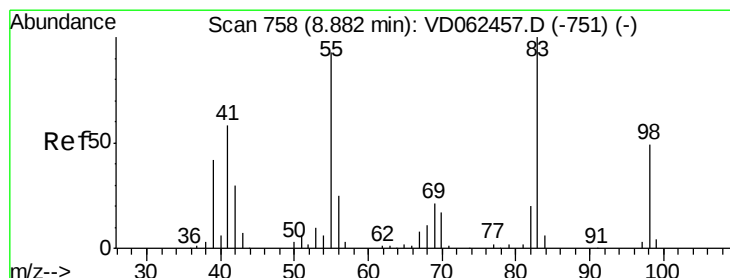
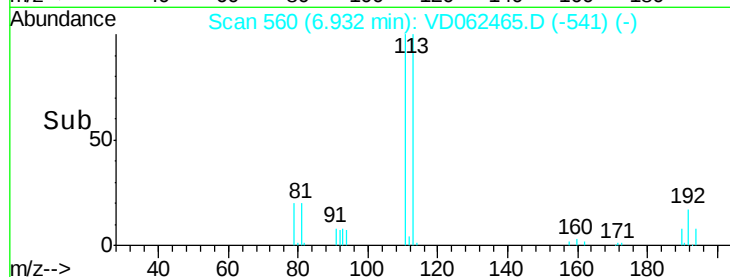
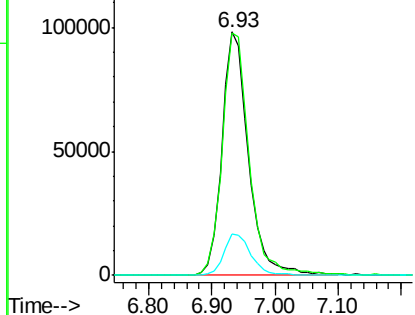
#35
 Dibromofluoromethane
 Concen: 40.362 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD062465.D
 Acq: 20 May 2019 19:31

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-9-10

Tot Ion:113 Resp: 286009
 Ion Ratio Lower Upper
 113 100
 111 99.7 78.5 117.7
 192 17.1 13.0 19.4

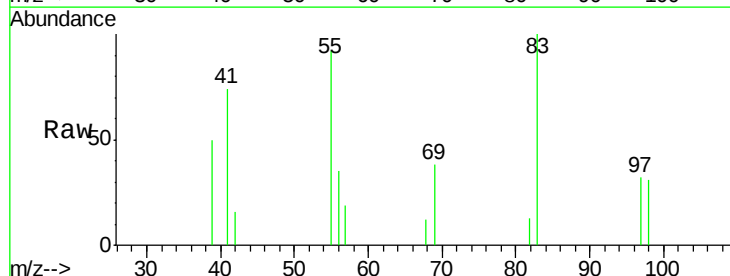


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

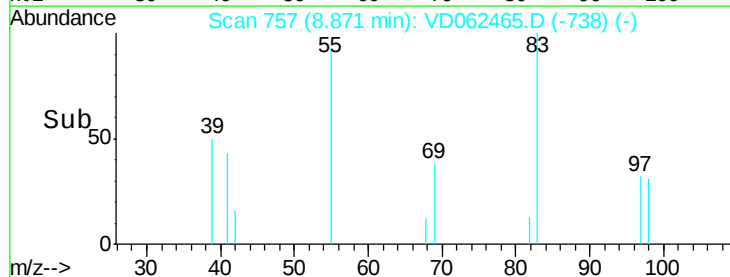
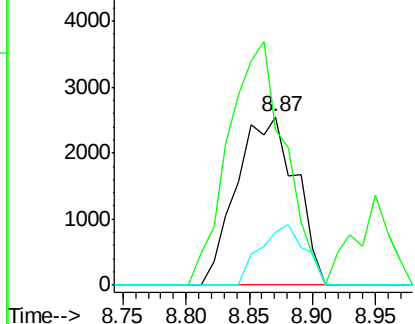


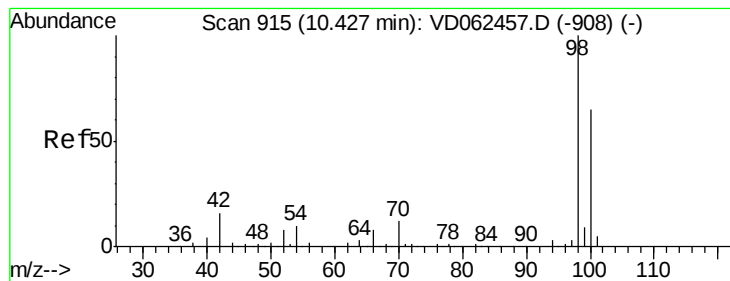
#39
 Methylcyclohexane
 Concen: 1.347 ug/l
 RT: 8.87 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: VD062465.D
 Acq: 20 May 2019 19:31

Tgt Ion: 83 Resp: 8343
 Ion Ratio Lower Upper
 83 100
 55 92.2 68.2 102.4
 98 31.3 38.2 57.4#



Abundance Ion 83.05 (82.75 to 83.75): VDC
 Ion 55.00 (54.70 to 55.70): VDC
 Ion 98.05 (97.75 to 98.75): VDC





#50

Toluene-d8

Concen: 30.342 ug/l

RT: 10.43 min Scan# 915

Delta R.T. -0.00 min

Lab File: VD062465.D

Acq: 20 May 2019 19:31

Instrument :

MSVOA_D

ClientSampleId :

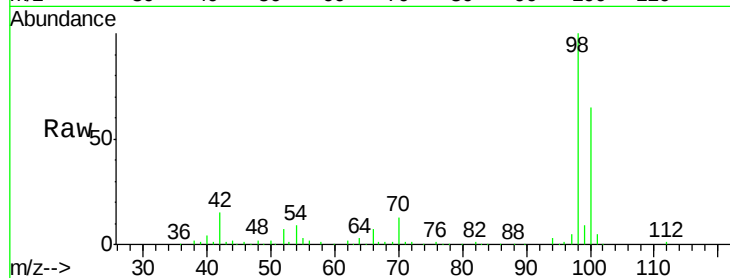
SB-02-9-10

Tot Ion: 98 Resp: 470527

Ion Ratio Lower Upper

98 100

100 65.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

200000

150000

100000

50000

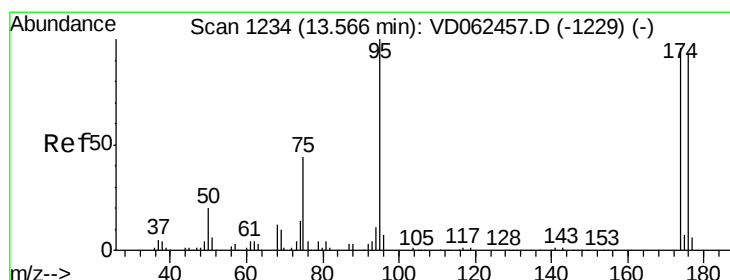
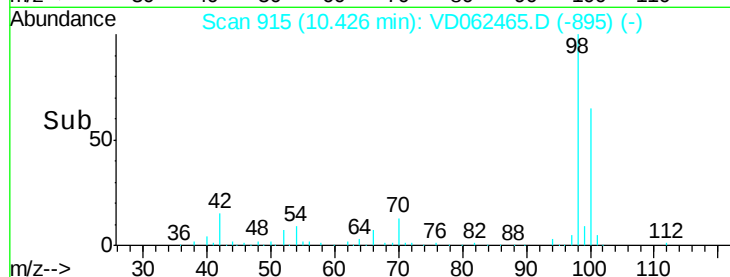
0

10.40

10.43

10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 31.805 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.00 min

Lab File: VD062465.D

Acq: 20 May 2019 19:31

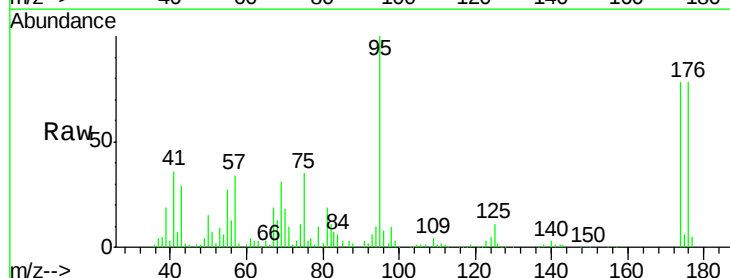
Tgt Ion: 95 Resp: 215746

Ion Ratio Lower Upper

95 100

174 78.3 0.0 181.8

176 77.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

200000

150000

100000

50000

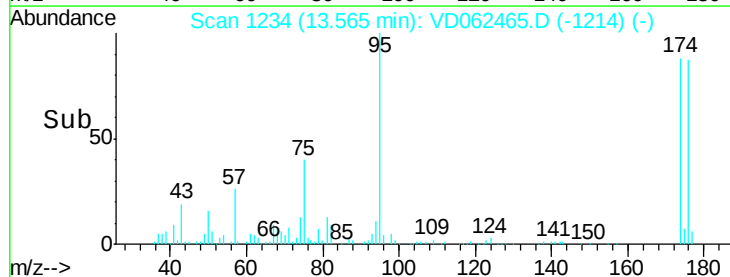
0

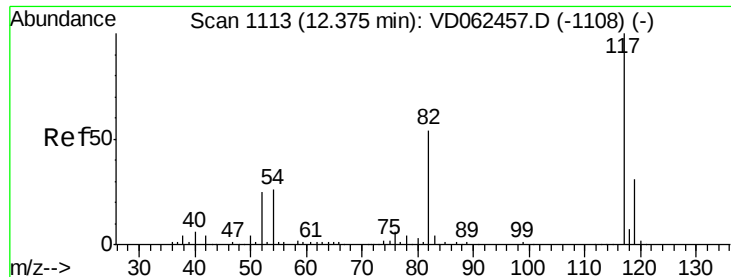
13.50

13.57

13.60

Time-->

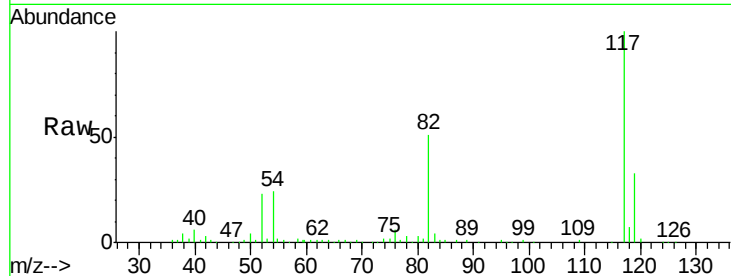




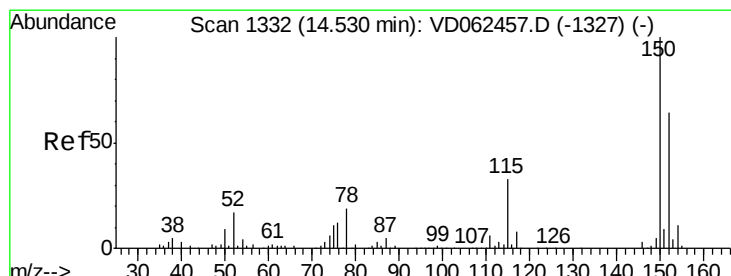
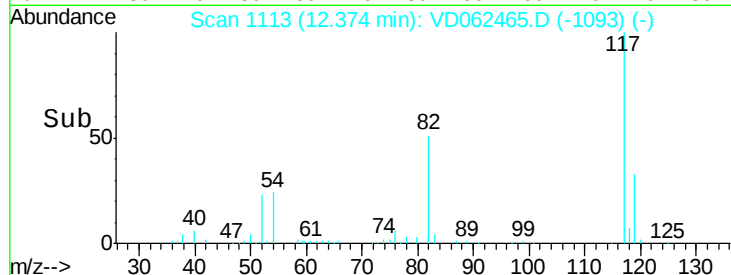
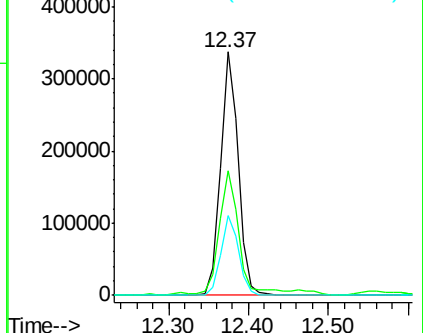
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VD062465.D
Acq: 20 May 2019 19:31

Instrument :
MSVOA_D
ClientSampleId :
SB-02-9-10

Tot Ion:117 Resp: 529631
Ion Ratio Lower Upper
117 100
82 51.3 36.2 54.2
119 32.7 26.2 39.4

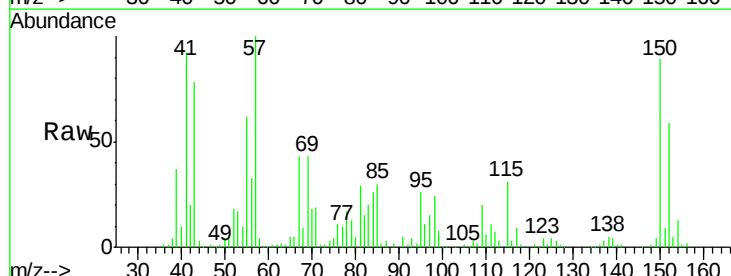


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

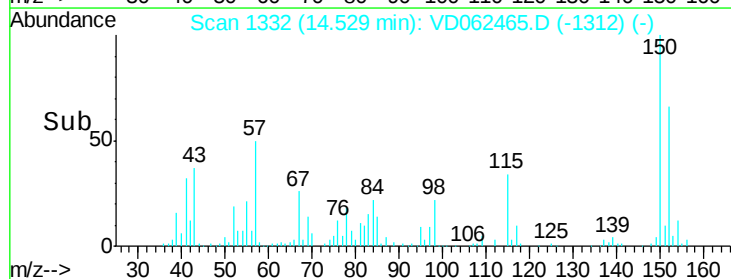
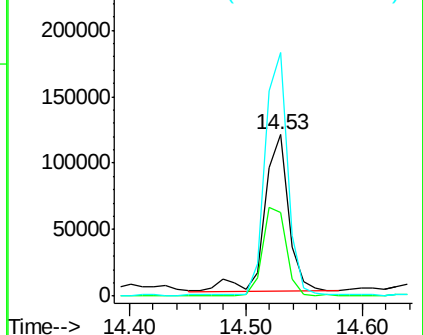


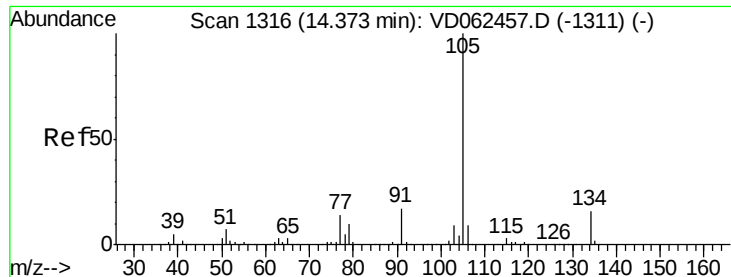
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. -0.00 min
Lab File: VD062465.D
Acq: 20 May 2019 19:31

Tgt Ion:152 Resp: 171310
Ion Ratio Lower Upper
152 100
115 52.1 30.9 92.7
150 150.8 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#85
 sec-Butylbenzene
 Concen: 4.489 ug/l
 RT: 14.37 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VD062465.D
 Acq: 20 May 2019 19:31

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-9-10

Tot Ion:105 Resp: 48549
 Ion Ratio Lower Upper
 105 100
 134 15.9 8.9 26.7

