

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059476.D
 Acq On : 28 Jun 2018 21:35
 Operator : VA/AP
 Sample : J3677-10
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 147-149-B2(6-8)

Quant Time: Jun 29 02:22:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	22285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	34939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	34757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	19373	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	19352	84.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	169.84%	
35) Dibromofluoromethane	5.55	113	15183	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
50) Toluene-d8	8.71	98	24354	36.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.22%	
62) 4-Bromofluorobenzene	11.94	95	13448	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	

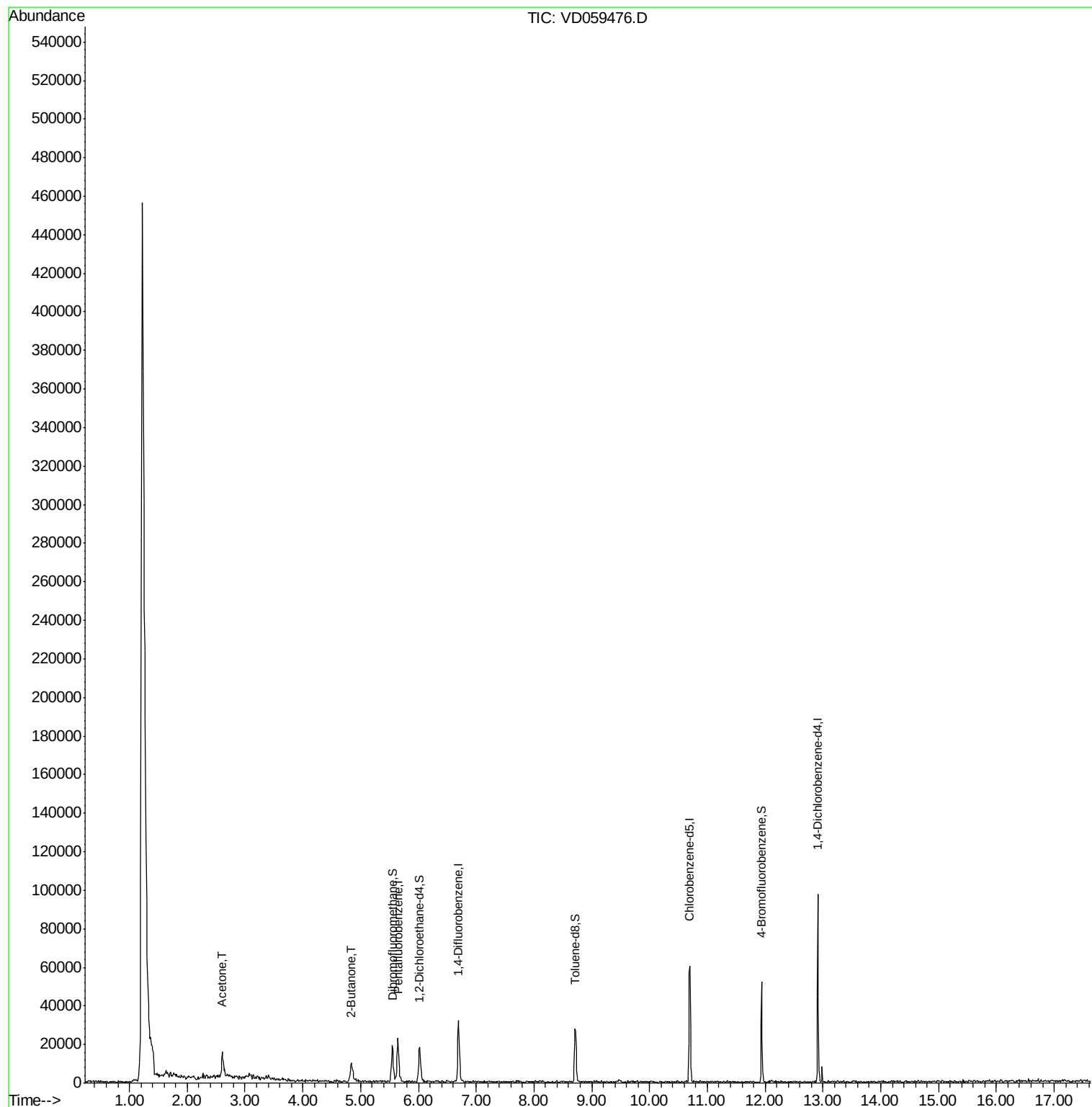
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.61	43	26381	917.20	ug/l	# 85
25) 2-Butanone	4.84	43	11109	184.38	ug/l	100

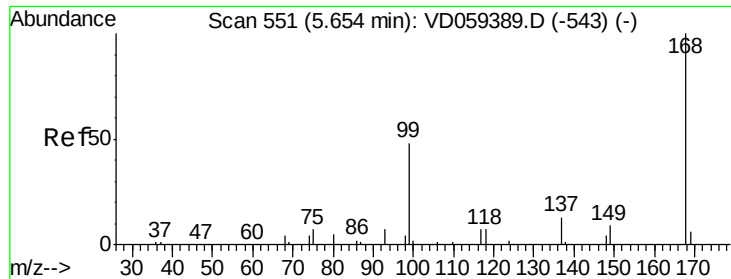
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062818\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.01 min

Lab File: VD059476.D

Acq: 28 Jun 2018 21:35

Instrument :

MSVOA_D

ClientSampleId :

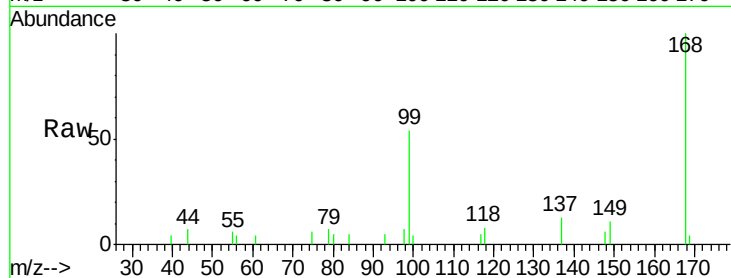
147-149-B2(6-8)

Tot Ion:168 Resp: 22285

Ion Ratio Lower Upper

168 100

99 54.5 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.65

8000

6000

4000

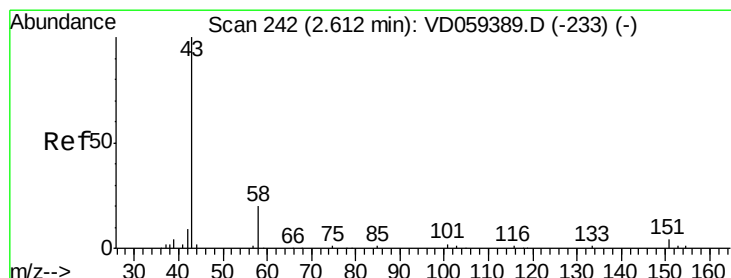
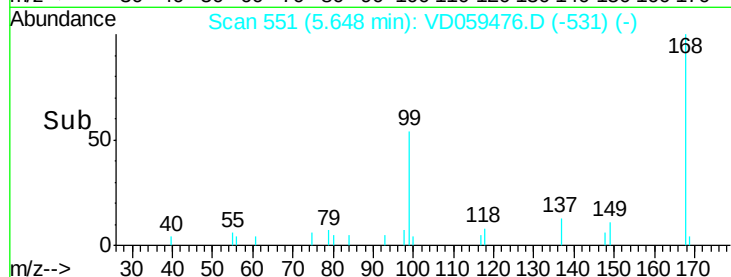
2000

0

5.60

5.70

Time-->



#16

Acetone

Concen: 917.20 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD059476.D

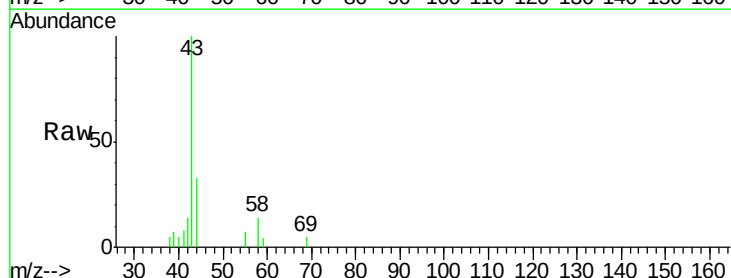
Acq: 28 Jun 2018 21:35

Tgt Ion: 43 Resp: 26381

Ion Ratio Lower Upper

43 100

58 14.1 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.61

8000

6000

4000

2000

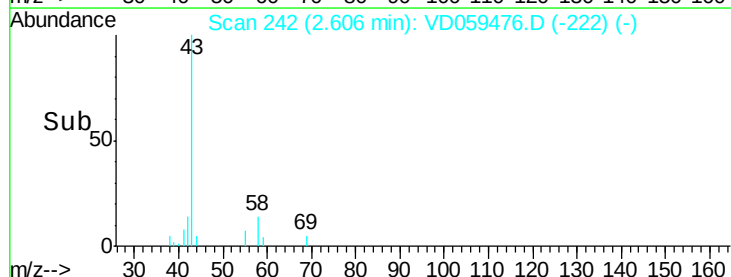
0

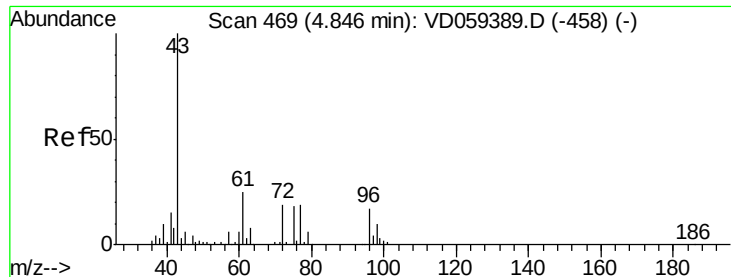
2.50

2.60

2.70

Time-->





#25

2-Butanone

Concen: 184.38 ug/l

RT: 4.84 min Scan# 469

Delta R.T. -0.01 min

Lab File: VD059476.D

Acq: 28 Jun 2018 21:35

Instrument :

MSVOA_D

ClientSampleId :

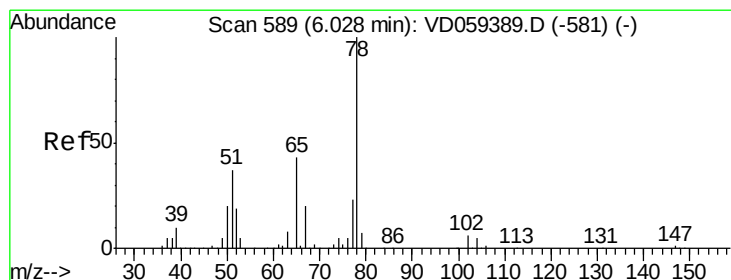
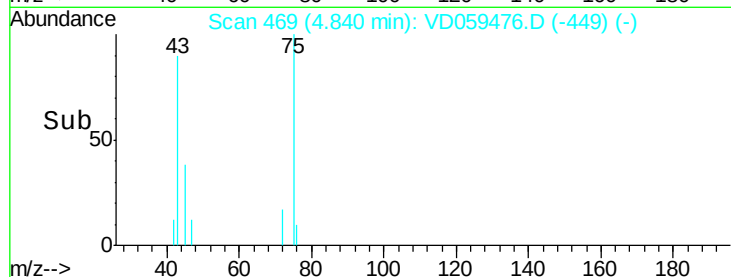
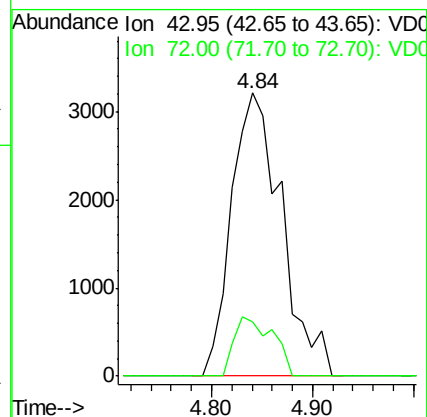
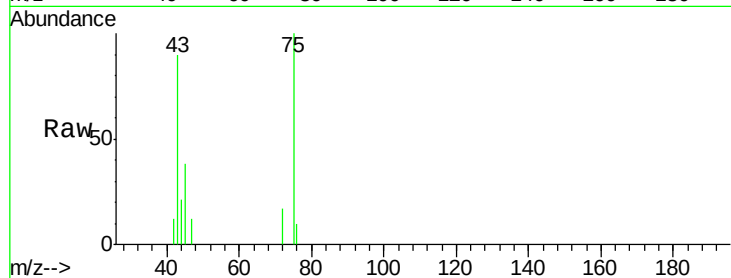
147-149-B2(6-8)

Tot Ion: 43 Resp: 11109

Ion Ratio Lower Upper

43 100

72 19.4 15.4 23.2



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.03 min Scan# 590

Delta R.T. 0.00 min

Lab File: VD059476.D

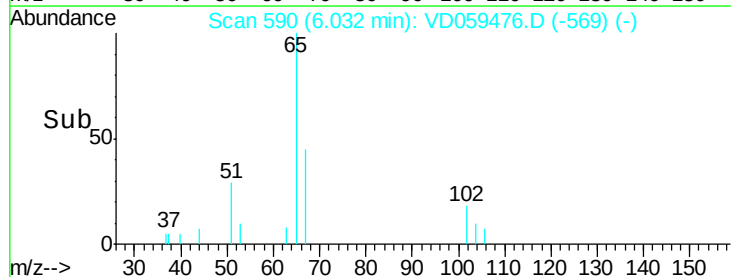
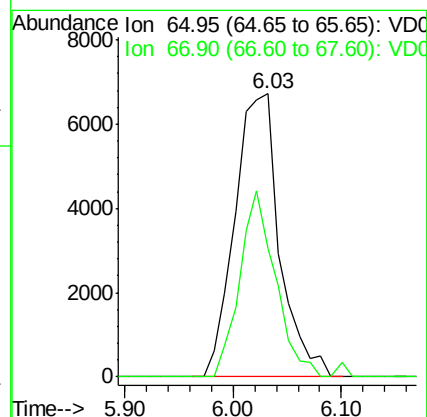
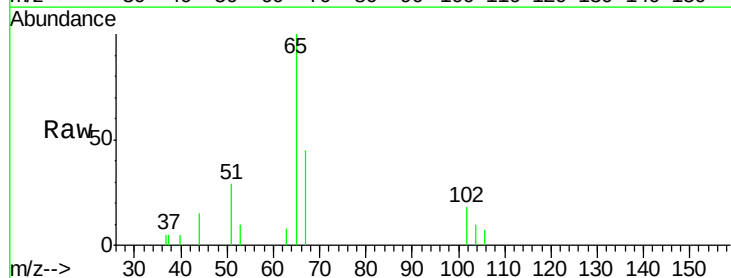
Acq: 28 Jun 2018 21:35

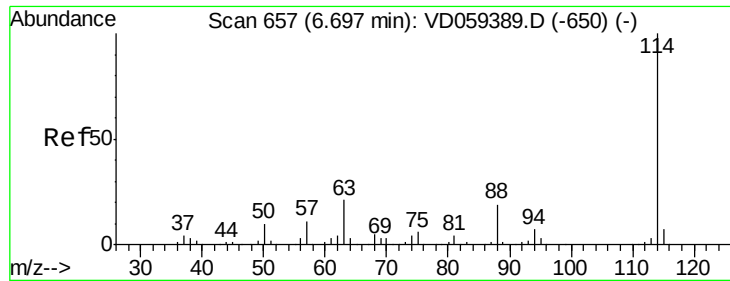
Tgt Ion: 65 Resp: 19352

Ion Ratio Lower Upper

65 100

67 45.3 0.0 93.8

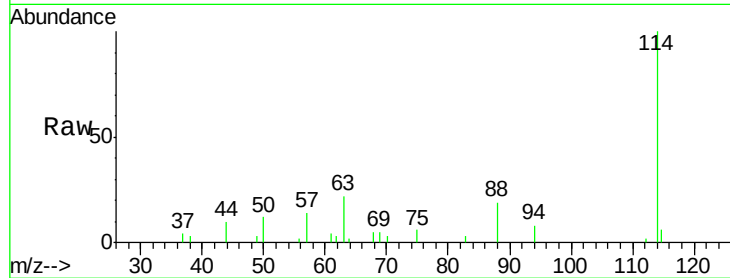




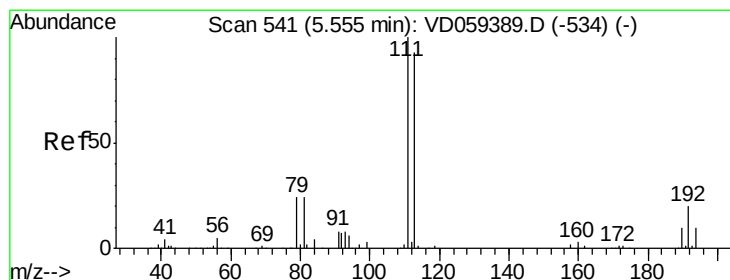
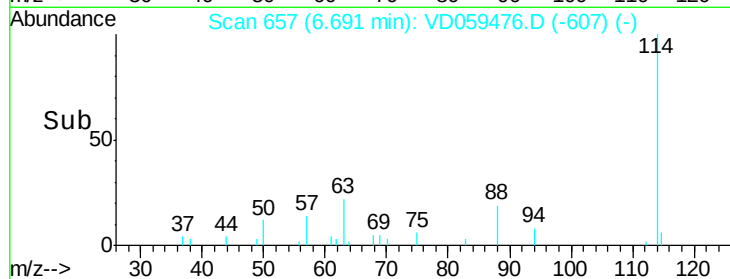
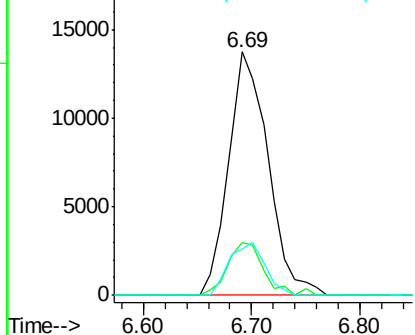
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD059476.D
 Acq: 28 Jun 2018 21:35

Instrument :
 MSVOA_D
 ClientSampleId :
 147-149-B2(6-8)

Tot Ion:114 Resp: 34939
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.4
 88 19.1 0.0 38.0

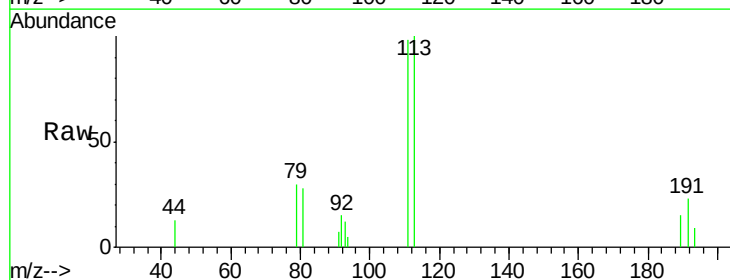


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

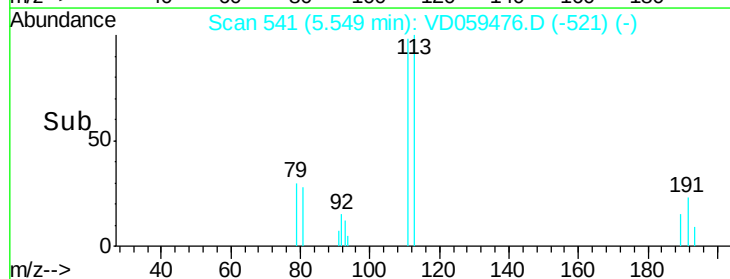
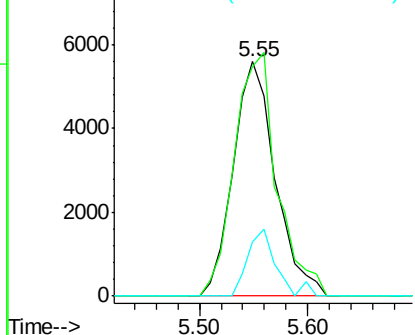


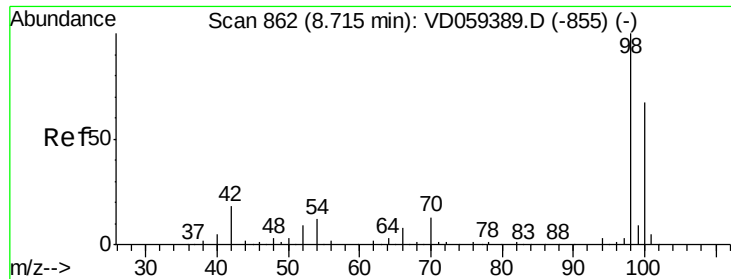
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VD059476.D
 Acq: 28 Jun 2018 21:35

Tgt Ion:113 Resp: 15183
 Ion Ratio Lower Upper
 113 100
 111 98.3 85.7 128.5
 192 22.9 16.9 25.3



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.71 min Scan# 862

Delta R.T. -0.01 min

Lab File: VD059476.D

Acq: 28 Jun 2018 21:35

Instrument :

MSVOA_D

ClientSampleId :

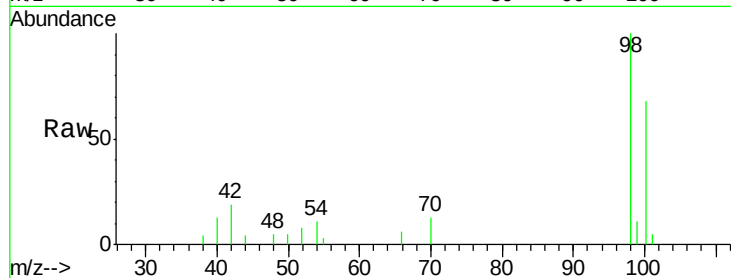
147-149-B2(6-8)

Tot Ion: 98 Resp: 24354

Ion Ratio Lower Upper

98 100

100 68.5 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.71

10000

8000

6000

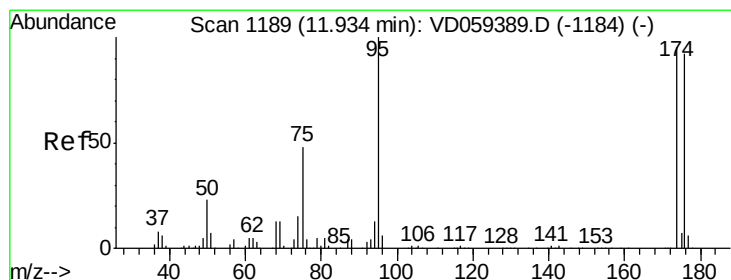
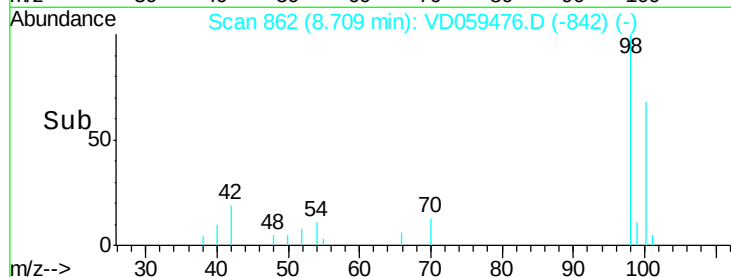
4000

2000

0

8.65 8.70 8.75 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.00 min

Lab File: VD059476.D

Acq: 28 Jun 2018 21:35

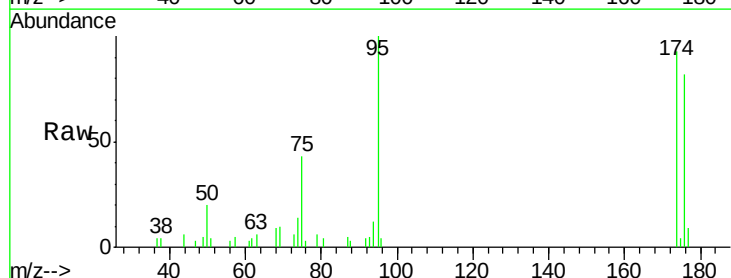
Tgt Ion: 95 Resp: 13448

Ion Ratio Lower Upper

95 100

174 93.1 0.0 190.4

176 81.8 0.0 183.2



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

11.94

15000

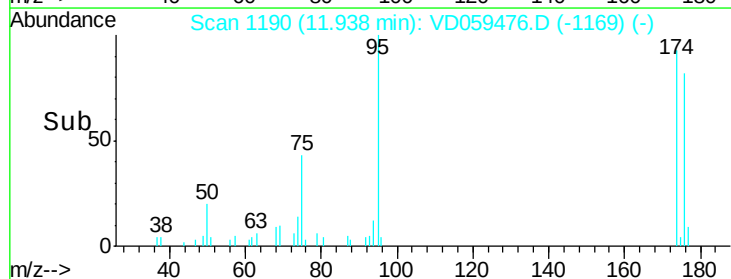
10000

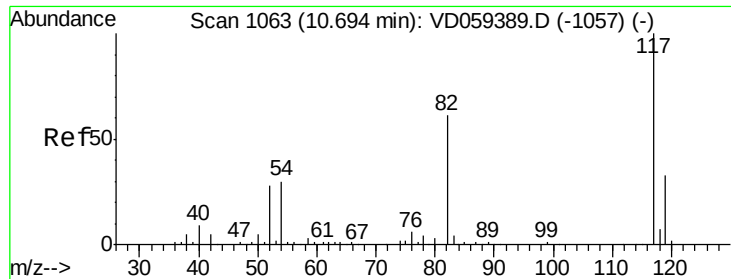
5000

0

11.90 11.95 12.00

Time-->

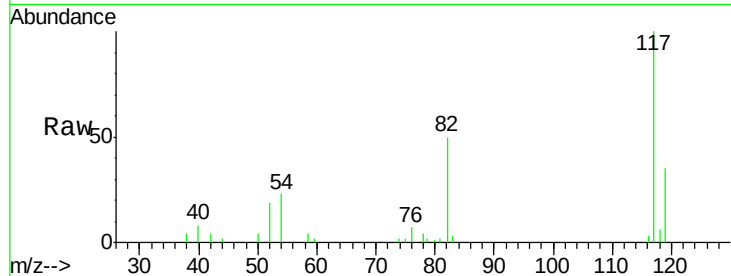




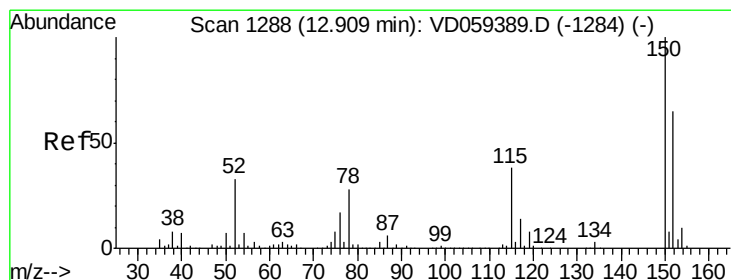
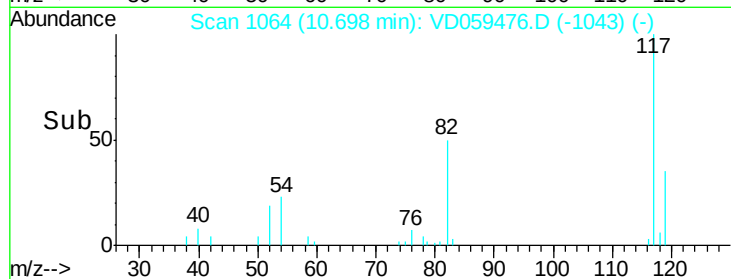
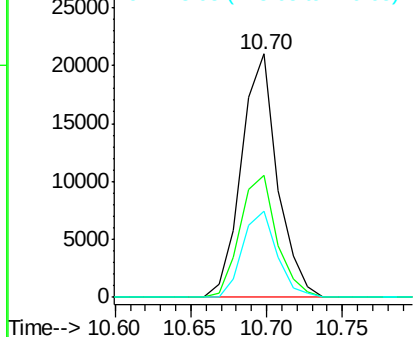
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VD059476.D
Acq: 28 Jun 2018 21:35

Instrument :
MSVOA_D
ClientSampleId :
147-149-B2(6-8)

Tot Ion:117 Resp: 34757
Ion Ratio Lower Upper
117 100
82 50.2 49.0 73.6
119 35.2 26.2 39.4

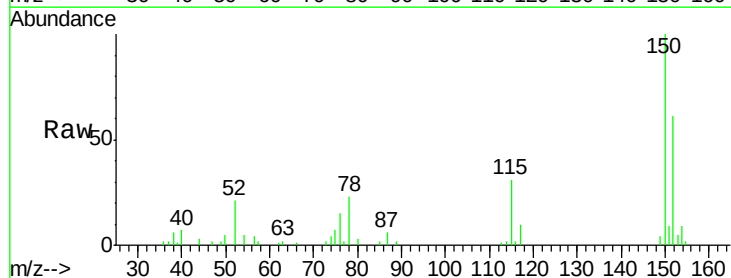


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059476.D
Acq: 28 Jun 2018 21:35

Tgt Ion:152 Resp: 19373
Ion Ratio Lower Upper
152 100
115 51.1 29.4 88.3
150 162.9 0.0 308.2



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

