

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061385.D
 Acq On : 28 Mar 2019 8:15
 Operator : VA/AP
 Sample : K2107-07
 Misc : 3.92g/5ml/MSVOA_D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Mar 28 09:43:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

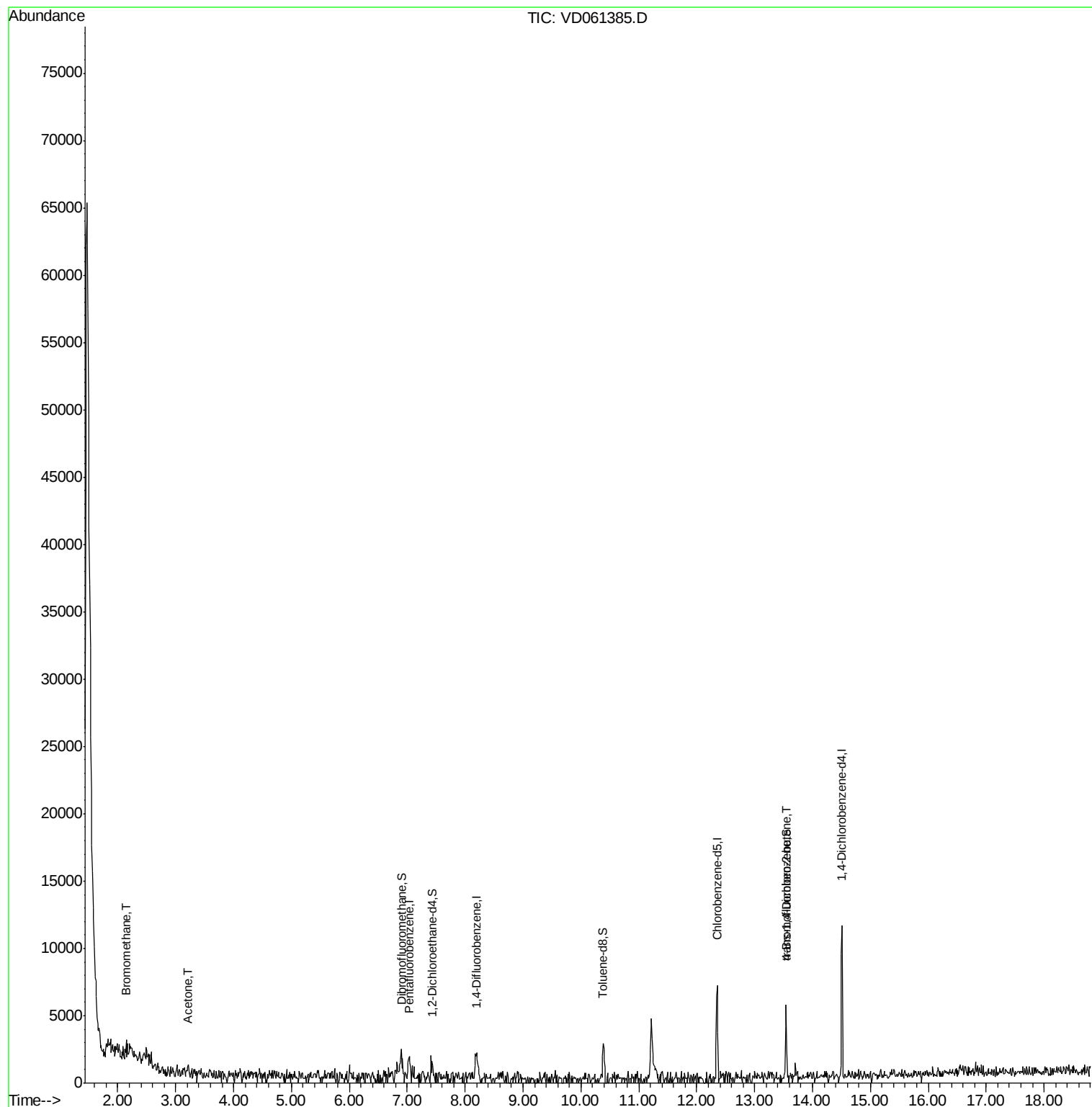
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	1996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	4835	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	5222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	3423	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	2170	127.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	254.54%	
35) Dibromofluoromethane	6.89	113	1386	37.51	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	75.02%	
50) Toluene-d8	10.38	98	3491	39.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.78%	
62) 4-Bromofluorobenzene	13.54	95	2420	71.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.42%	
Target Compounds						
5) Bromomethane	2.14	94	185	58.447	ug/l #	10
16) Acetone	3.20	43	251	57.265	ug/l #	48
81) trans-1,4-Dichloro-2-buten	13.54	75	717	47.559	ug/l #	18

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.00 min

Lab File: VD061385.D

Acq: 28 Mar 2019 8:15

Instrument :

MSVOA_D

ClientSampleId :

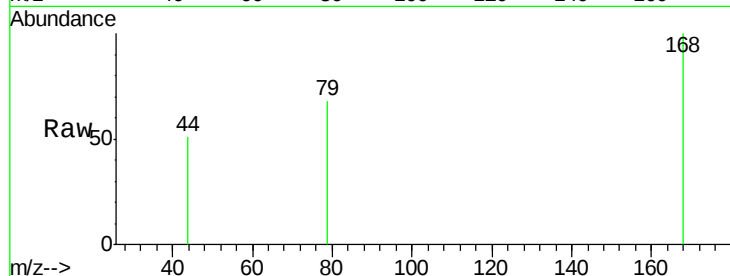
TP-4

Tgt Ion: 168 Resp: 1996

Ion Ratio Lower Upper

168 100

99 0.0 43.1 64.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

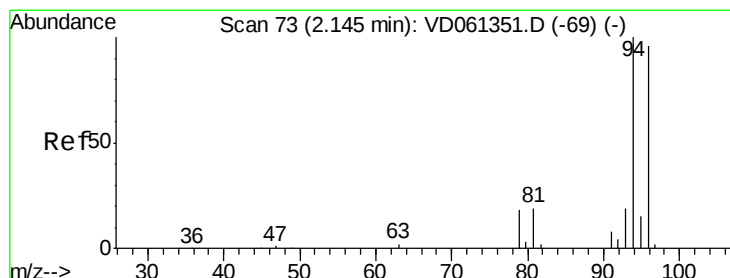
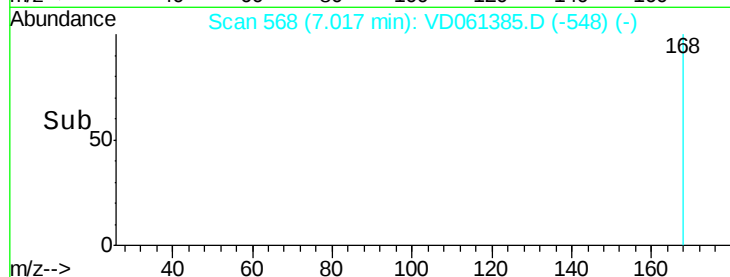
600

400

200

0

Time--> 6.95 7.00 7.05 7.10



#5

Bromomethane

Concen: 58.447 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD061385.D

Acq: 28 Mar 2019 8:15

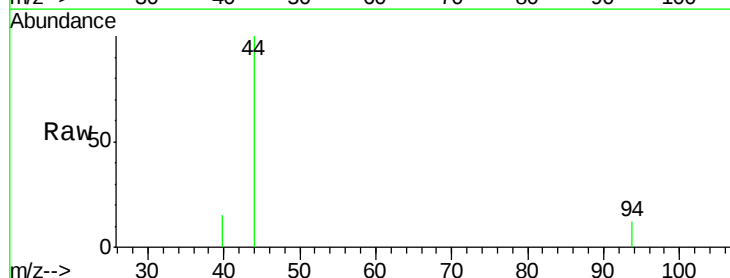
Tgt Ion: 94 Resp: 185

Ion Ratio Lower Upper

94 100

96 0.0 78.3 117.5#

93 0.0 15.6 23.4#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

2.14

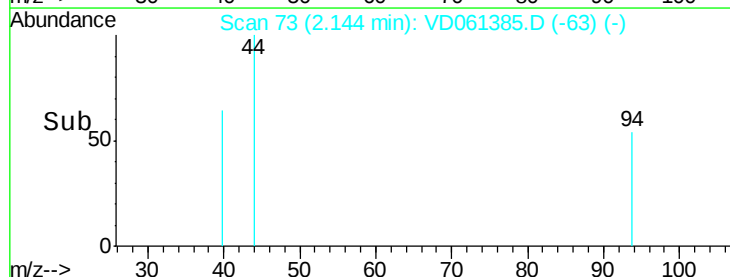
300

200

100

0

Time--> 2.12 2.14 2.16





#16

Acetone

Concen: 57.265 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.00 min

Lab File: VD061385.D

Acq: 28 Mar 2019 8:15

Instrument :

MSVOA_D

ClientSampleId :

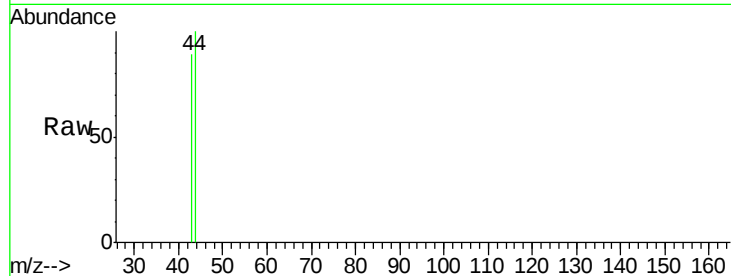
TP-4

Tgt Ion: 43 Resp: 251

Ion Ratio Lower Upper

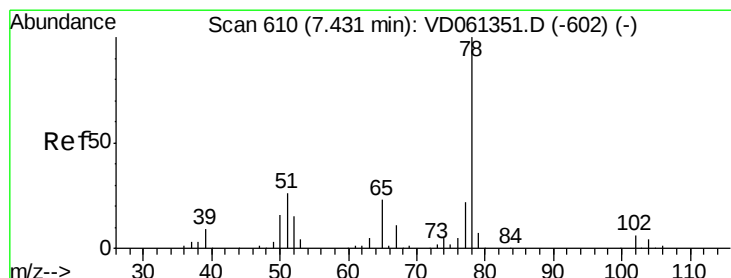
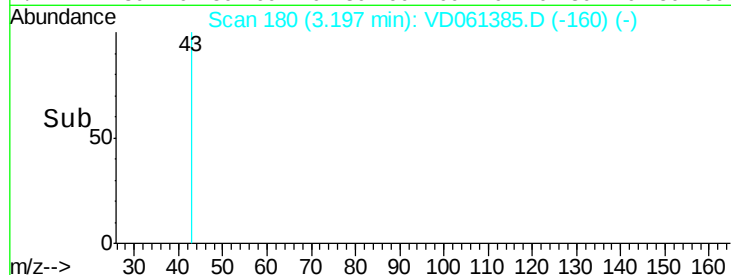
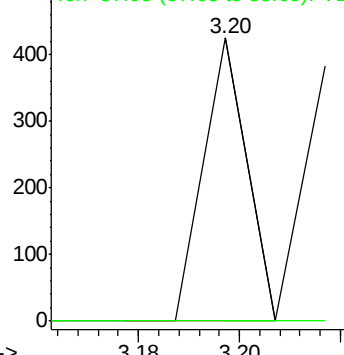
43 100

58 0.0 21.5 32.3#



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: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.00 min

Lab File: VD061385.D

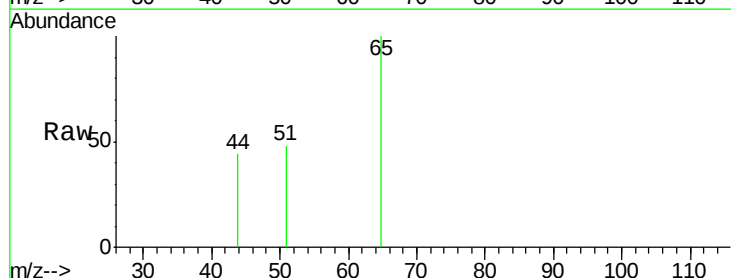
Acq: 28 Mar 2019 8:15

Tgt Ion: 65 Resp: 2170

Ion Ratio Lower Upper

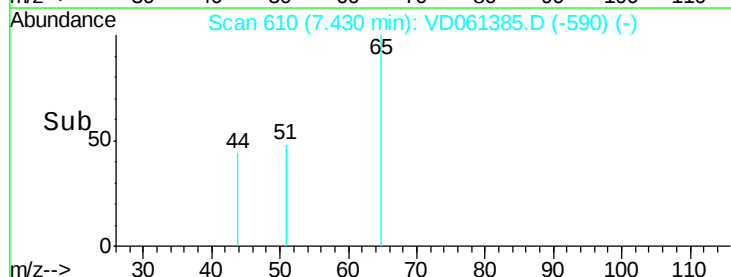
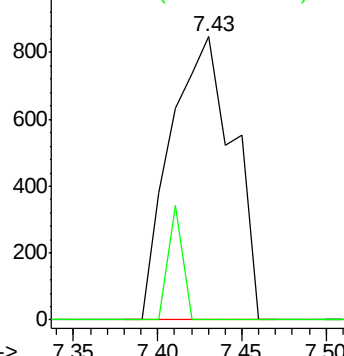
65 100

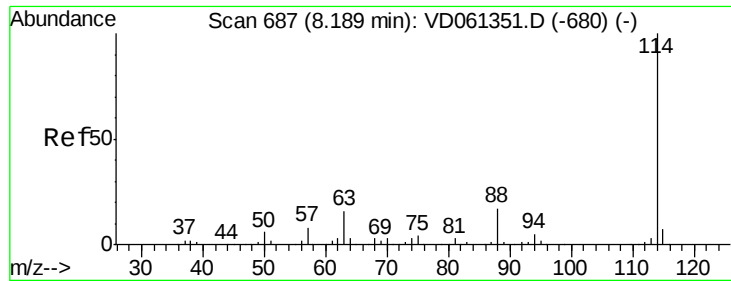
67 0.0 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. 0.01 min

Lab File: VD061385.D

Acq: 28 Mar 2019 8:15

Instrument :

MSVOA_D

ClientSampleId :

TP-4

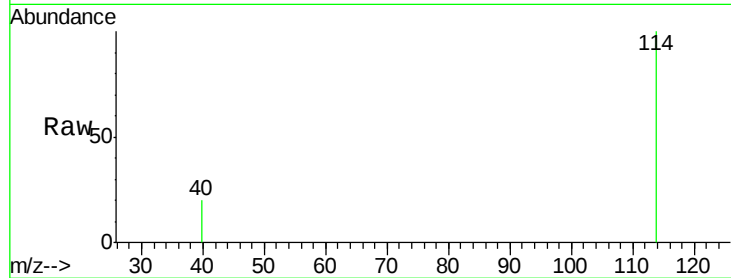
Tgt Ion:114 Resp: 4835

Ion Ratio Lower Upper

114 100

63 0.0 0.0 31.6

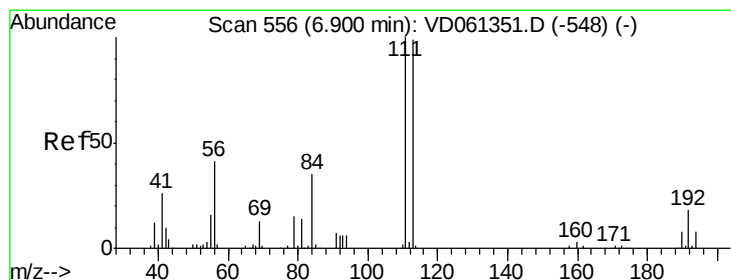
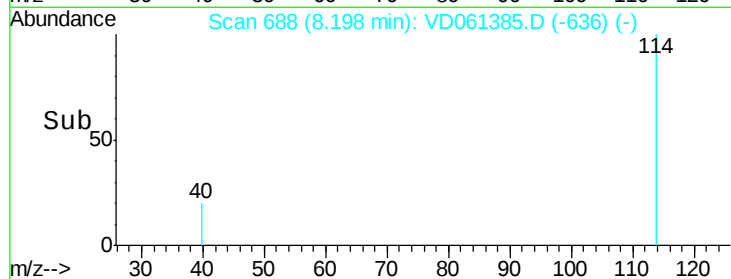
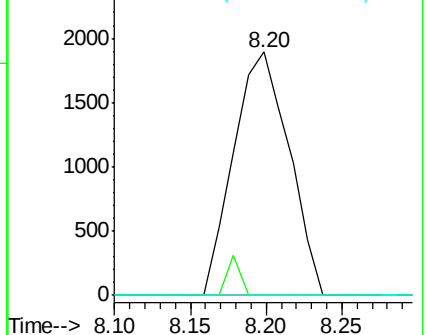
88 0.0 0.0 33.4



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: 50.000 ug/l

RT: 6.89 min Scan# 555

Delta R.T. -0.01 min

Lab File: VD061385.D

Acq: 28 Mar 2019 8:15

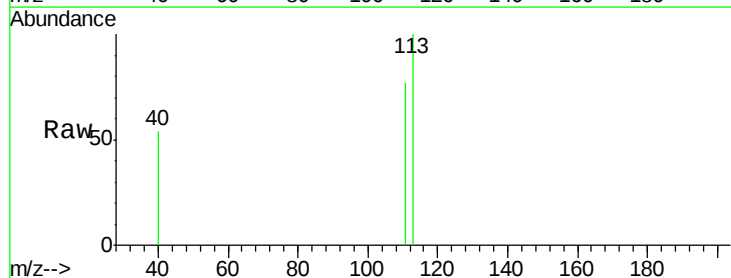
Tgt Ion:113 Resp: 1386

Ion Ratio Lower Upper

113 100

111 77.4 81.0 121.6#

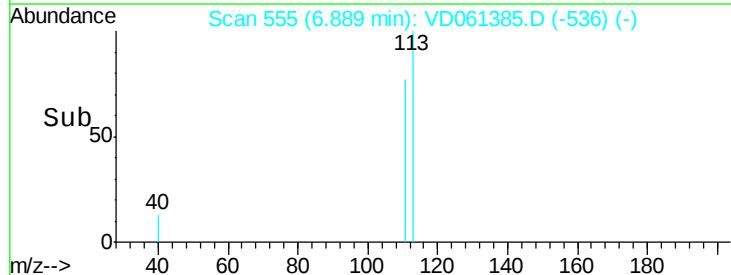
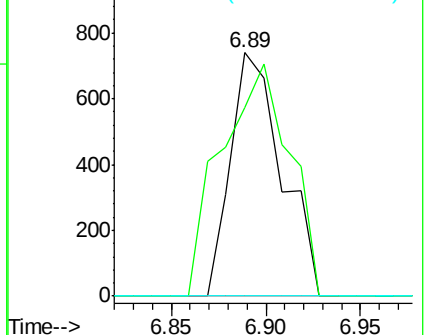
192 0.0 14.4 21.6#

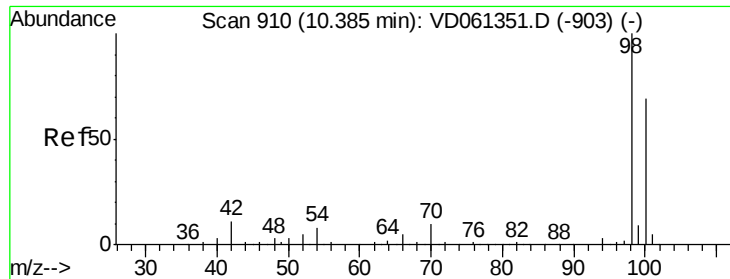


Abundance Ion 112.90 (112.60 to 113.60): V

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: 10.38 min Scan# 910

Delta R.T. -0.00 min

Lab File: VD061385.D

Acq: 28 Mar 2019 8:15

Instrument :

MSVOA_D

ClientSampleId :

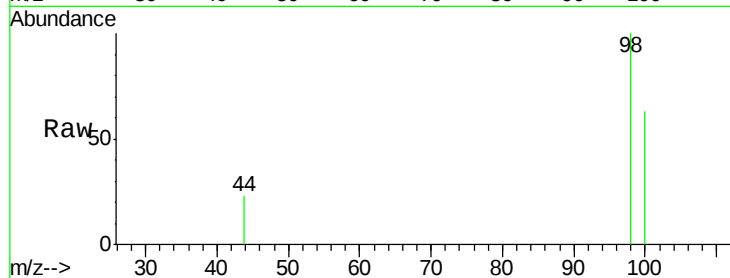
TP-4

Tgt Ion: 98 Resp: 3491

Ion Ratio Lower Upper

98 100

100 62.9 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061385.D (-890) (-)

Ion 100.05 (99.75 to 100.75): VD061385.D (-890) (-)

10.38

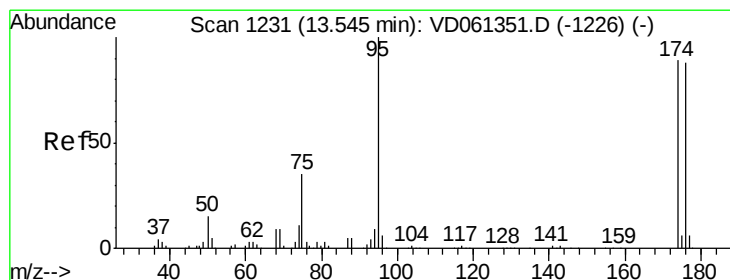
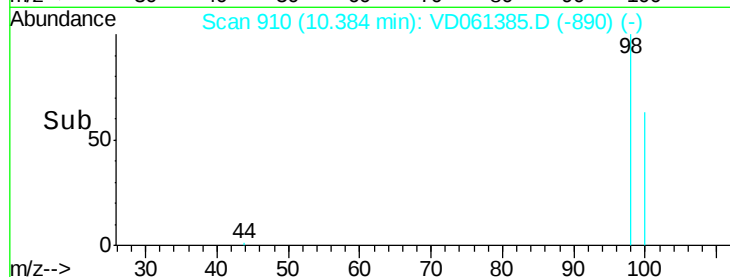
1500

1000

500

0

Time--> 10.30 10.35 10.40 10.45



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD061385.D

Acq: 28 Mar 2019 8:15

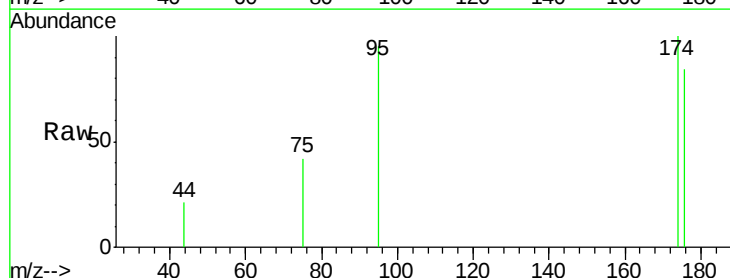
Tgt Ion: 95 Resp: 2420

Ion Ratio Lower Upper

95 100

174 105.1 0.0 178.0

176 88.0 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061385.D (-1211) (-)

Ion 173.90 (173.60 to 174.60): VD061385.D (-1211) (-)

Ion 175.90 (175.60 to 176.60): VD061385.D (-1211) (-)

13.54

2000

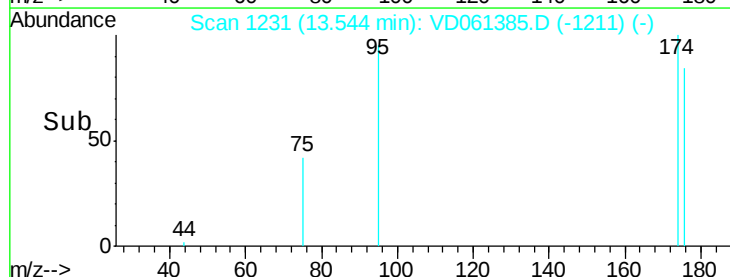
1500

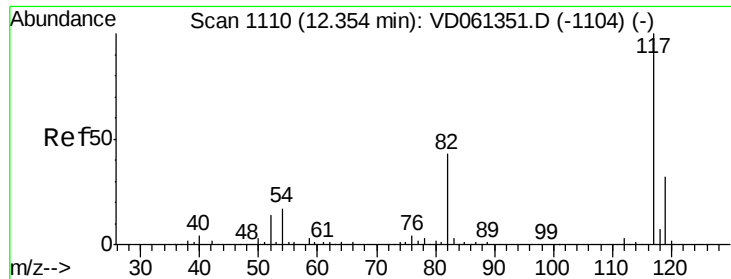
1000

500

0

Time--> 13.50 13.55

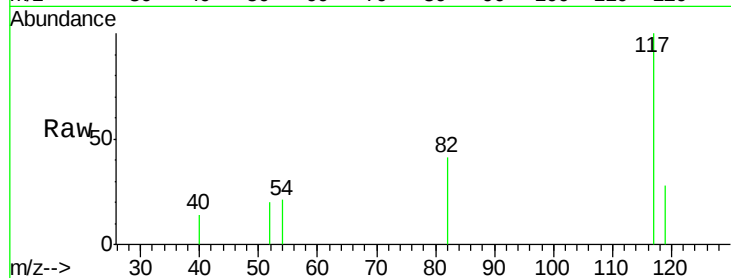




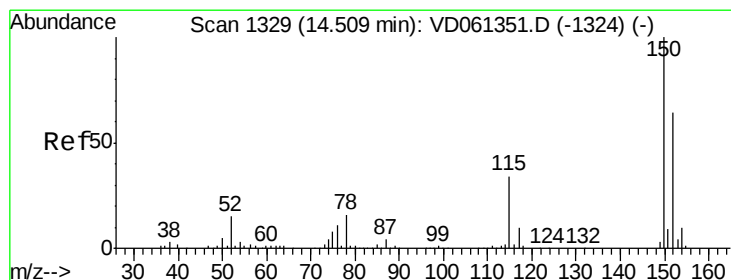
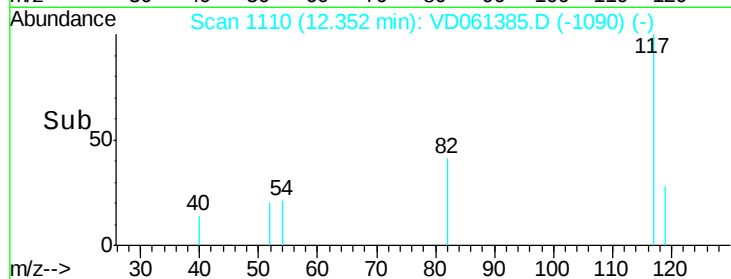
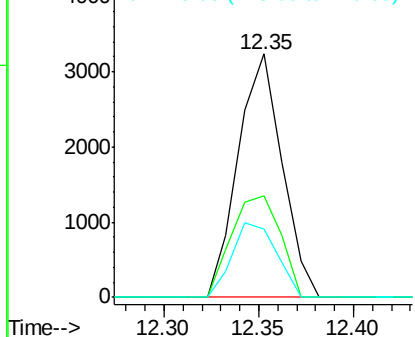
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061385.D
Acq: 28 Mar 2019 8:15

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tgt Ion:117 Resp: 5222
Ion Ratio Lower Upper
117 100
82 41.5 34.4 51.6
119 28.0 25.8 38.6

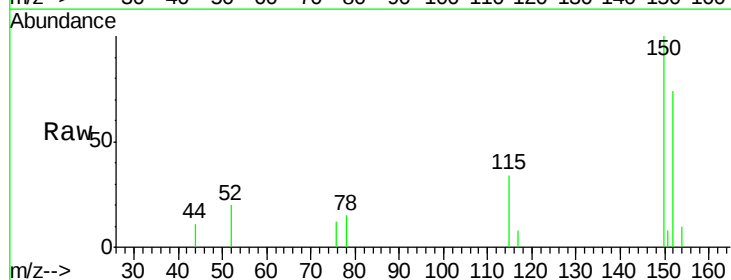


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

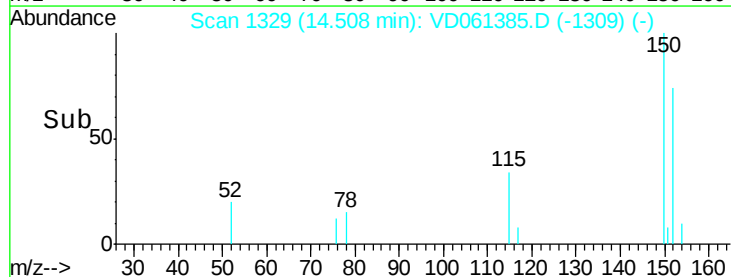
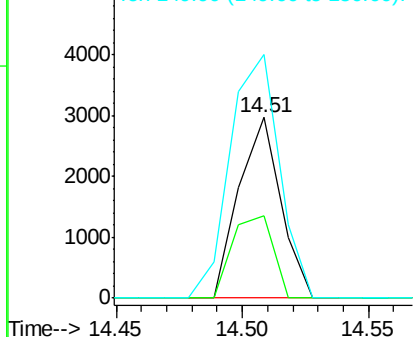


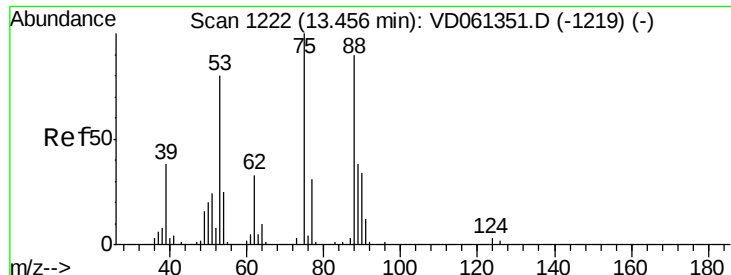
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061385.D
Acq: 28 Mar 2019 8:15

Tgt Ion:152 Resp: 3423
Ion Ratio Lower Upper
152 100
115 45.3 26.9 80.6
150 134.6 0.0 318.0



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





#81

trans-1,4-Dichloro-2-butene

Concen: 47.559 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.09 min

Lab File: VD061385.D

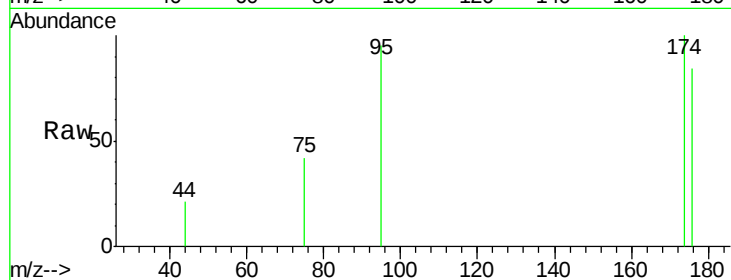
Acq: 28 Mar 2019 8:15

Instrument :

MSVOA_D

ClientSampleId :

TP-4



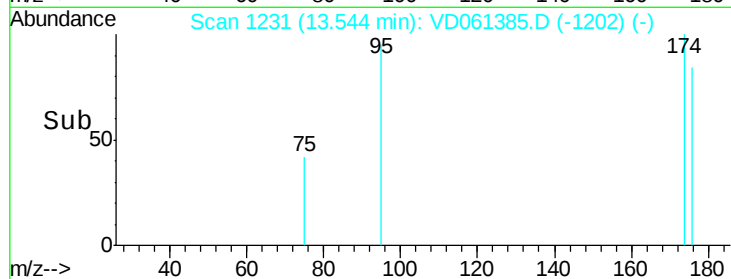
Tgt Ion: 75 Resp: 717

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

