

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061818\
 Data File : VD058183.D
 Acq On : 18 Jun 2018 16:11
 Operator : VA/AP
 Sample : J3524-01RE
 Misc : 3.53g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AREA-3(S)RE

Quant Time: Jun 19 06:55:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	520169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	694276	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	528738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	228012	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	329814	63.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	126.84%	
35) Dibromofluoromethane	5.54	113	239331	44.55	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	89.10%	
50) Toluene-d8	8.70	98	616430	48.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.54%	
62) 4-Bromofluorobenzene	11.93	95	241194	43.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.58%	

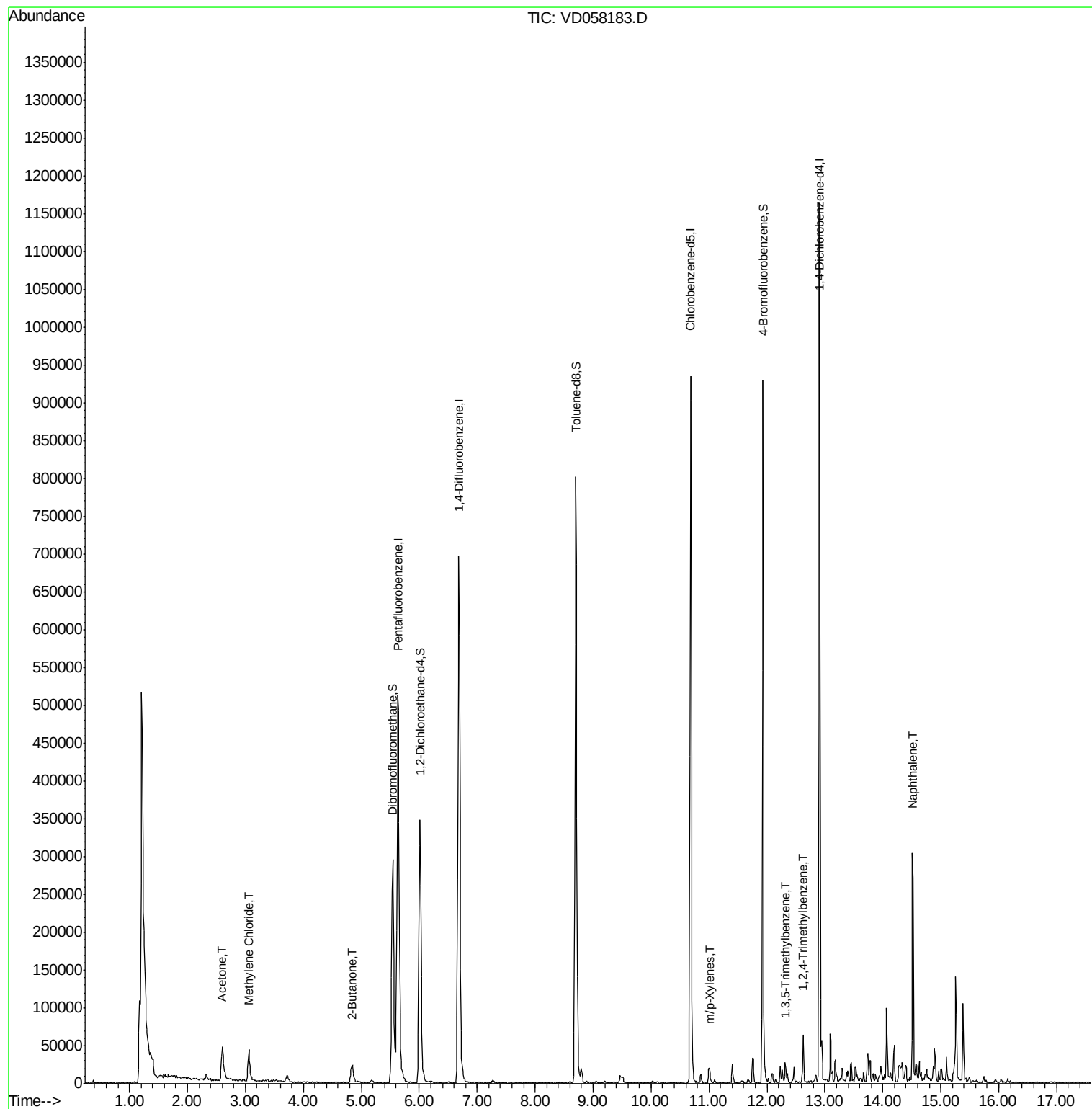
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.60	43	98432	131.38	ug/l	99
20) Methylene Chloride	3.06	84	17277	1.89	ug/l	96
25) 2-Butanone	4.83	43	15154	8.90	ug/l #	91
68) m/p-Xylenes	11.01	106	6426	1.02	ug/l	85
80) 1,3,5-Trimethylbenzene	12.31	105	12007	1.02	ug/l	95
84) 1,2,4-Trimethylbenzene	12.62	105	28772	2.27	ug/l	94
95) Naphthalene	14.52	128	189756	25.78	ug/l	97

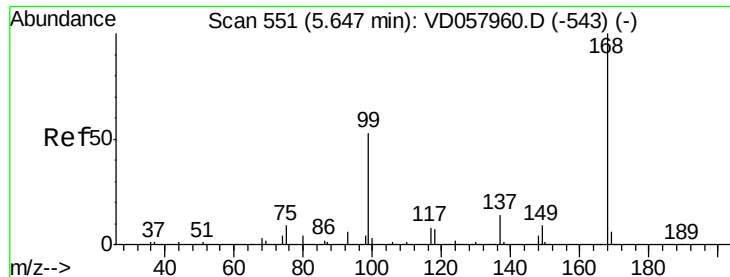
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061818\
Data File : VD058183.D
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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058183.D

Acq: 18 Jun 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

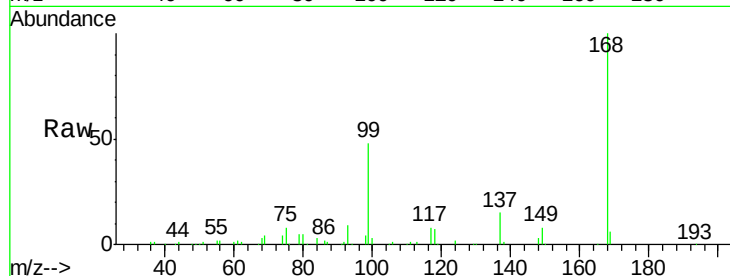
AREA-3(S)RE

Tot Ion:168 Resp: 520169

Ion Ratio Lower Upper

168 100

99 48.4 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

200000

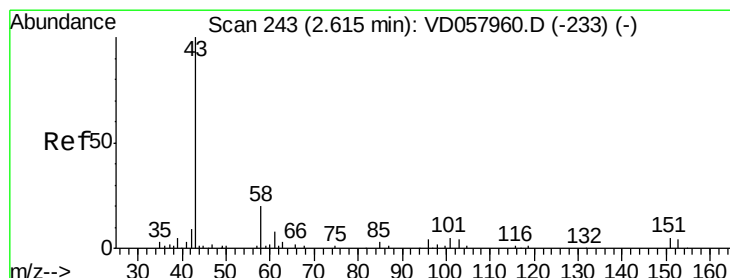
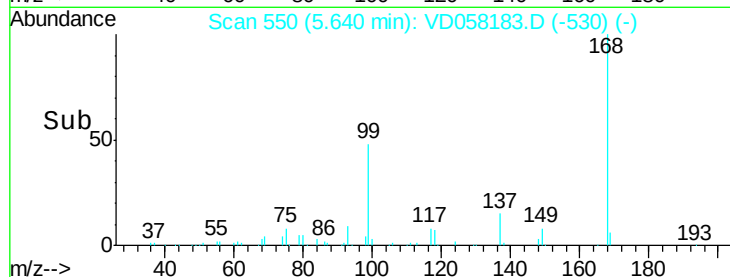
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 131.38 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD058183.D

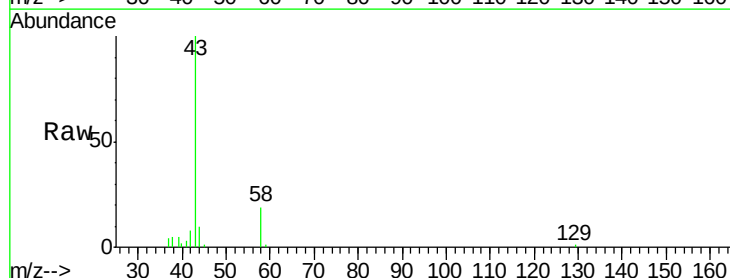
Acq: 18 Jun 2018 16:11

Tgt Ion: 43 Resp: 98432

Ion Ratio Lower Upper

43 100

58 19.4 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.60

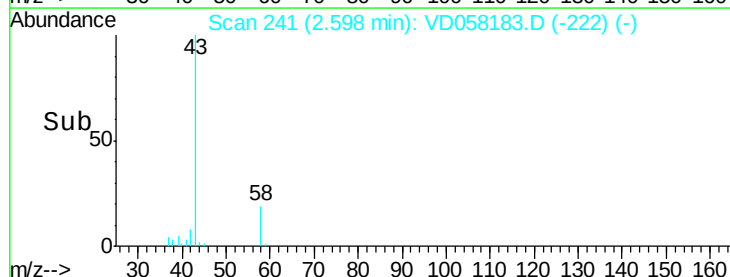
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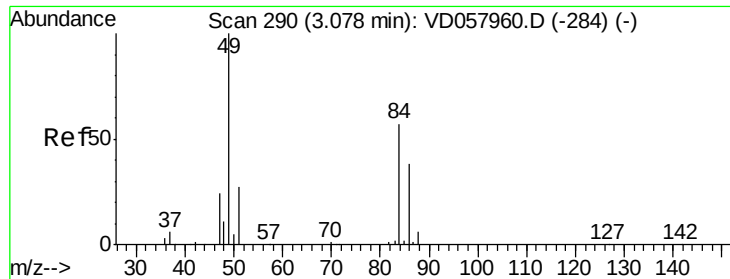
20000

10000

0

Time-->

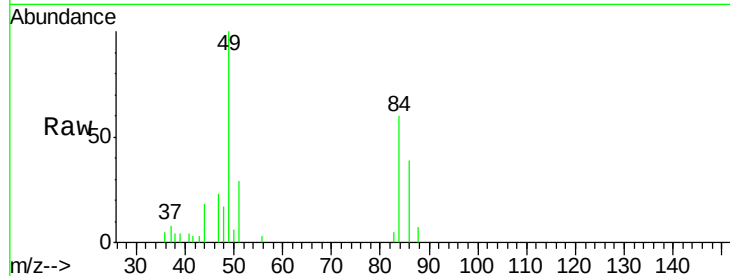




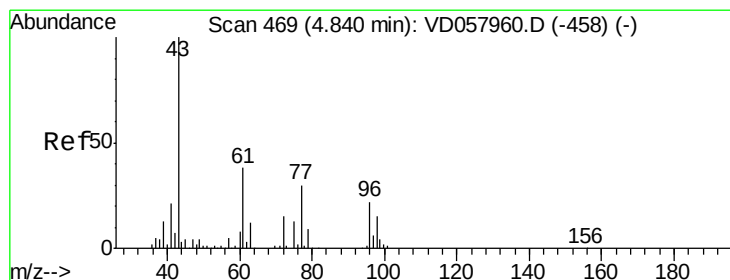
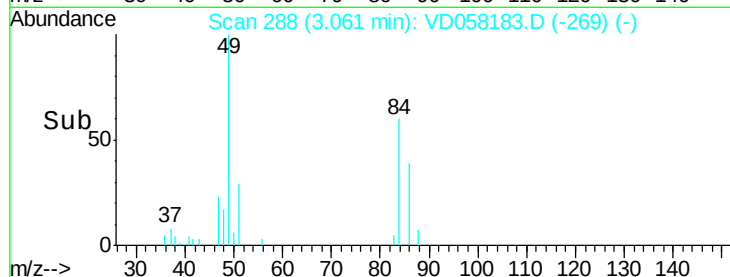
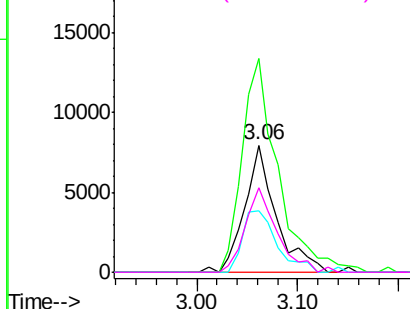
#20
Methvlene Chloride
Concen: 1.89 ug/l
RT: 3.06 min Scan# 288
Delta R.T. -0.02 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
AREA-3(S)RE

Tot Ion: 84 Resp: 17277
Ion Ratio Lower Upper
84 100
49 167.7 141.4 212.0
51 48.2 38.3 57.5
86 66.1 52.9 79.3

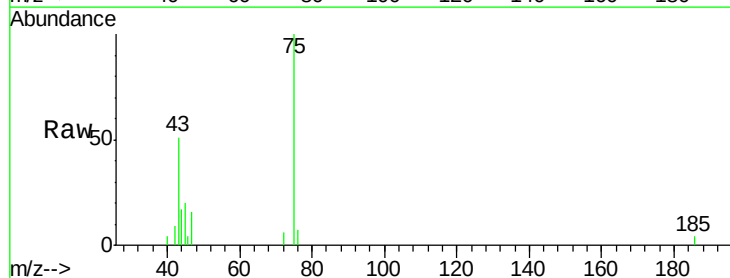


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

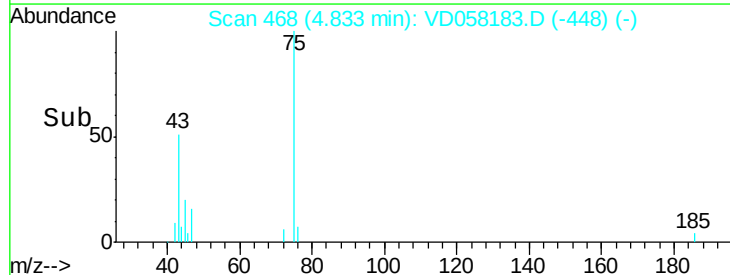
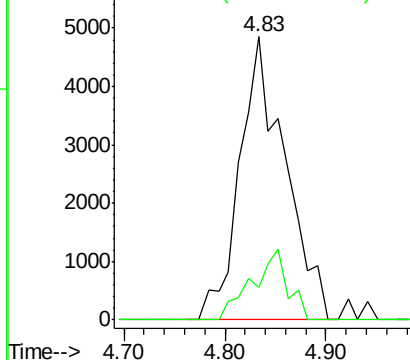


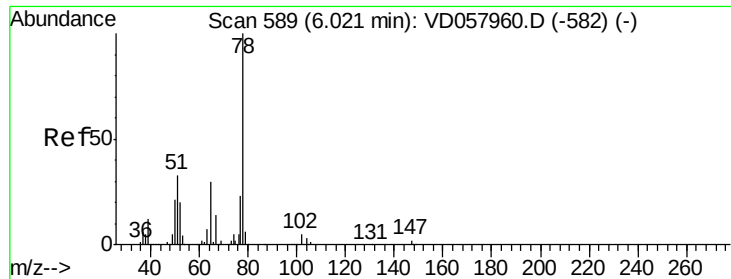
#25
2-Butanone
Concen: 8.90 ug/l
RT: 4.83 min Scan# 468
Delta R.T. -0.01 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Tgt Ion: 43 Resp: 15154
Ion Ratio Lower Upper
43 100
72 11.3 12.0 18.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

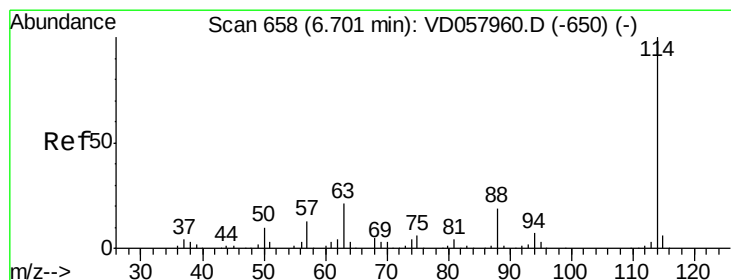
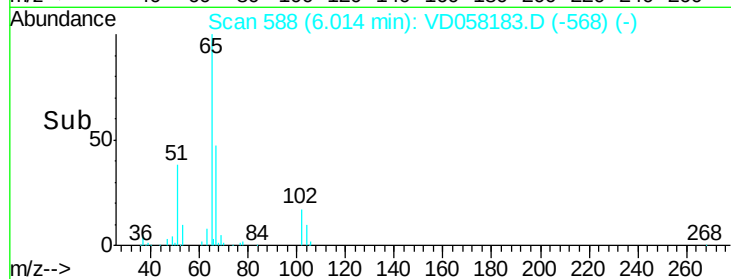
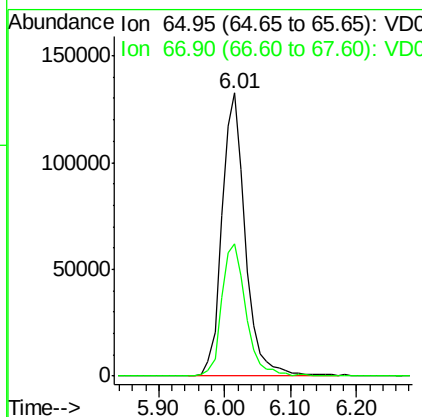
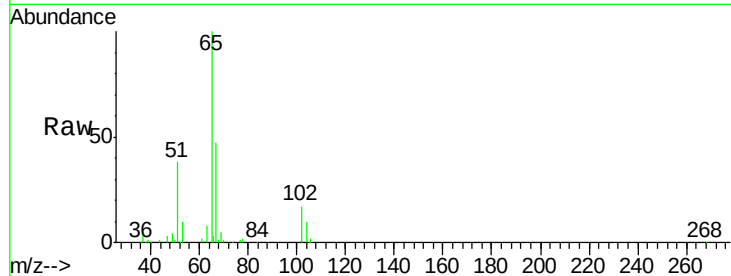
Lab File: VD058183.D

Acq: 18 Jun 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
AREA-3(S)RE

Tot Ion: 65 Resp: 329814

Ion	Ratio	Lower	Upper
65	100		
67	46.6	0.0	94.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.68 min Scan# 656

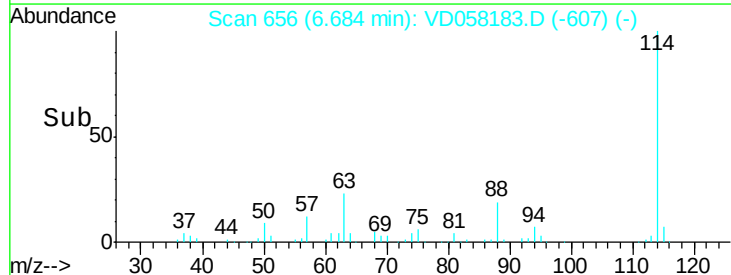
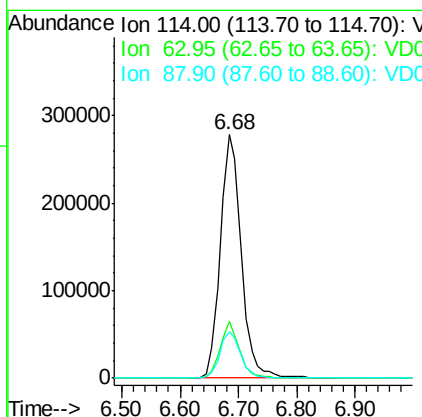
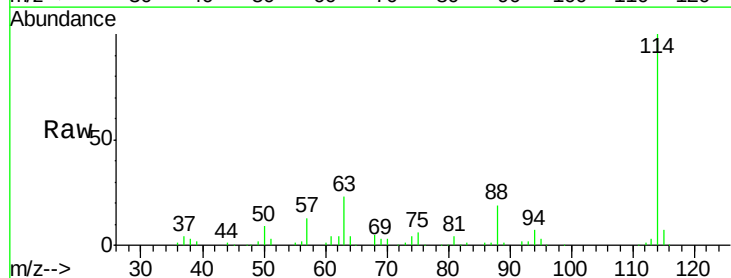
Delta R.T. -0.02 min

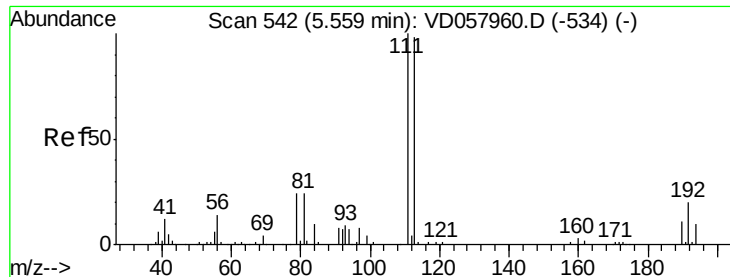
Lab File: VD058183.D

Acq: 18 Jun 2018 16:11

Tgt Ion: 114 Resp: 694276

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	42.8
88	19.1	0.0	37.8

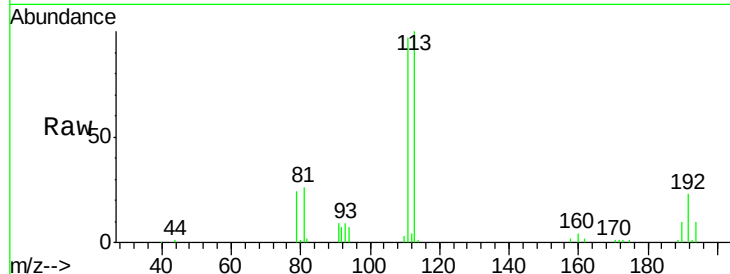




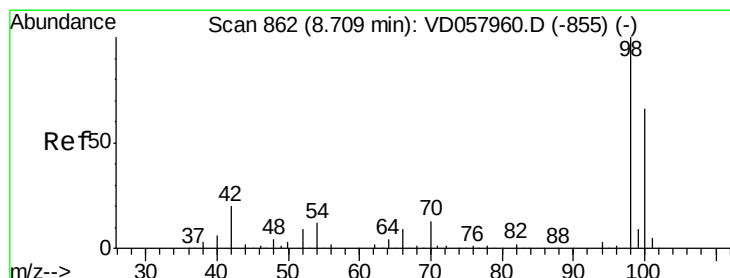
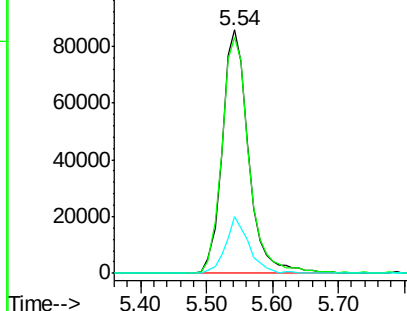
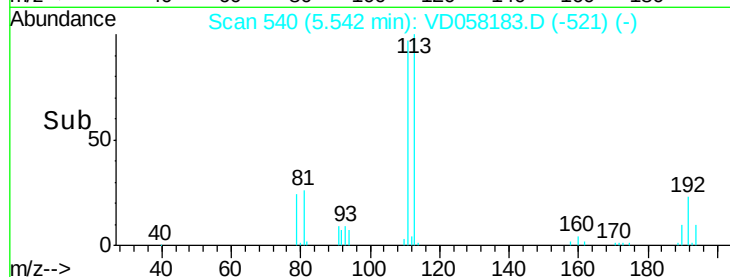
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: VD058183.D
 Acq: 18 Jun 2018 16:11

Instrument :
 MSVOA_D
 ClientSampleId :
 AREA-3(S)RE

Tot Ion:113 Resp: 239331
 Ion Ratio Lower Upper
 113 100
 111 96.8 81.5 122.3
 192 23.3 16.4 24.6

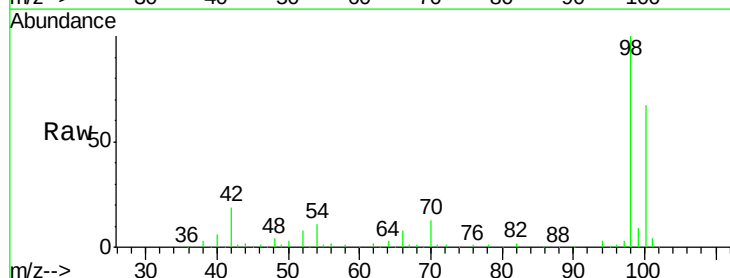


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

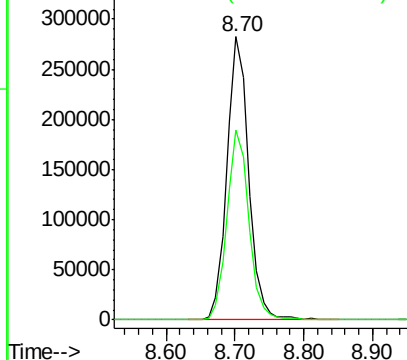
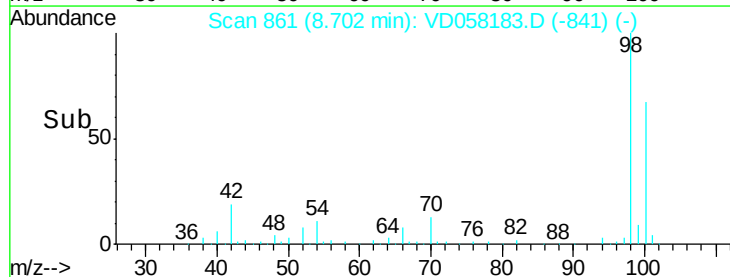


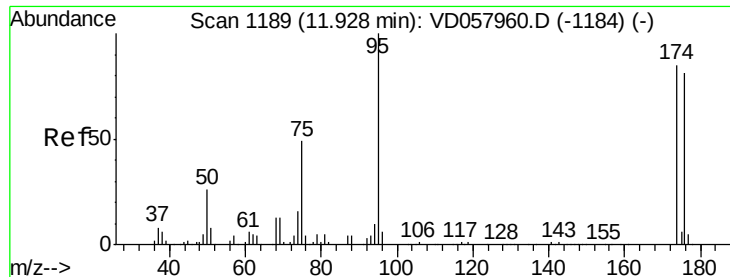
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.70 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: VD058183.D
 Acq: 18 Jun 2018 16:11

Tgt Ion: 98 Resp: 616430
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD058183.D

Acq: 18 Jun 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

AREA-3(S)RE

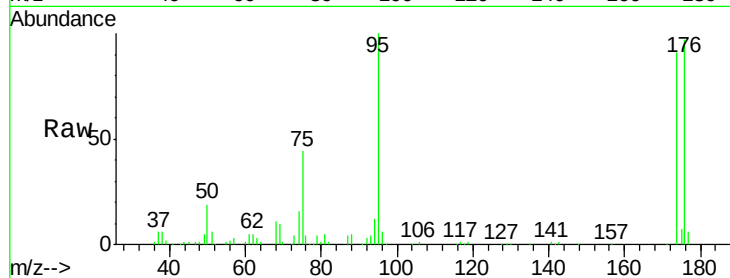
Tot Ion: 95 Resp: 241194

Ion Ratio Lower Upper

95 100

174 91.1 0.0 169.4

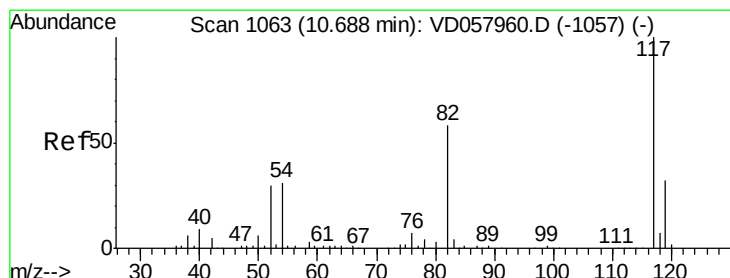
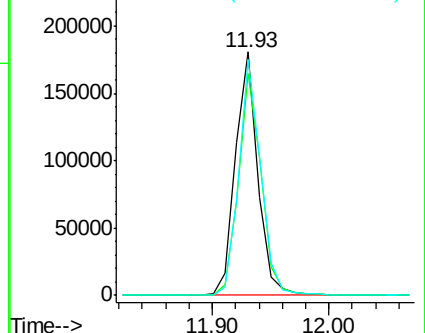
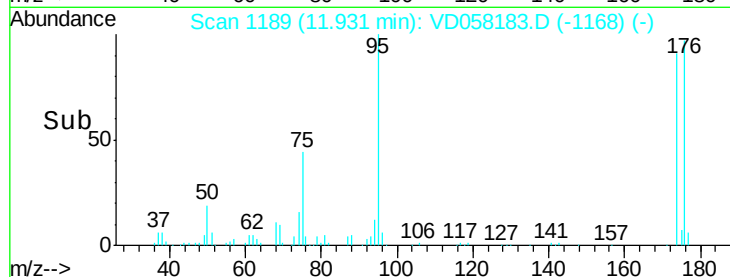
176 96.7 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VD058183.D

Acq: 18 Jun 2018 16:11

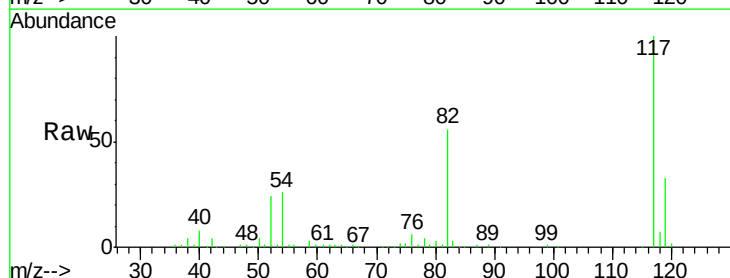
Tgt Ion: 117 Resp: 528738

Ion Ratio Lower Upper

117 100

82 55.6 46.8 70.2

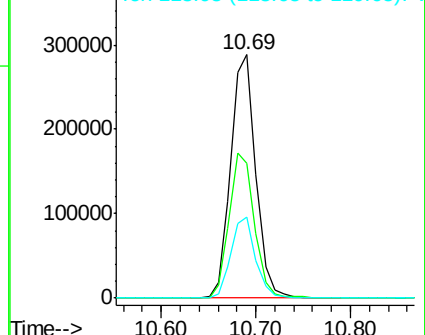
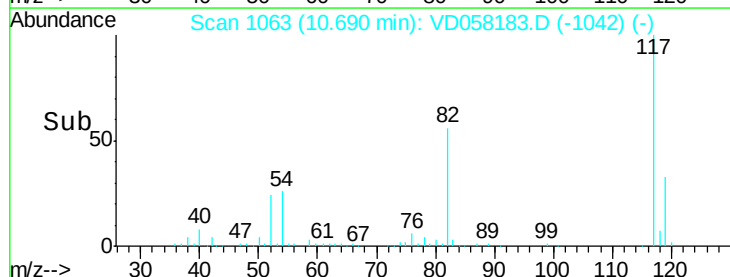
119 33.3 25.8 38.6

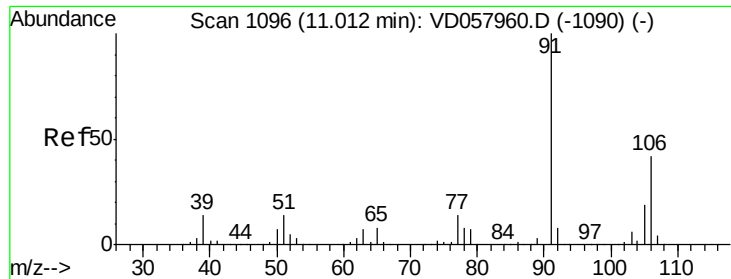


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

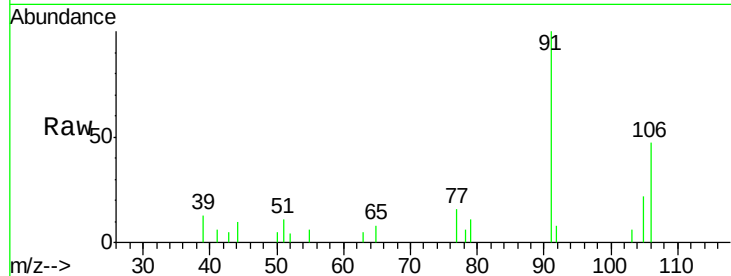




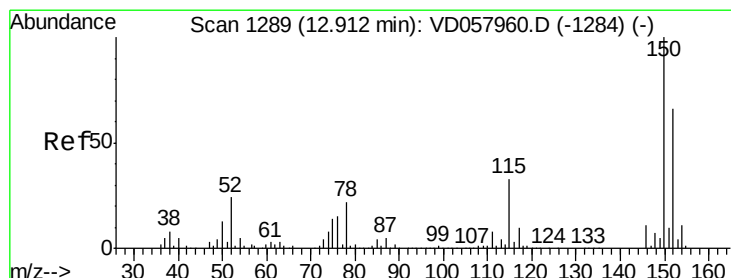
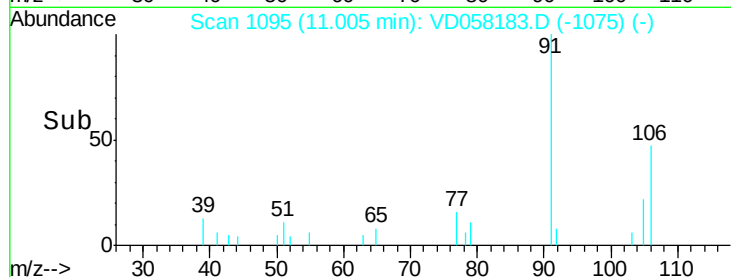
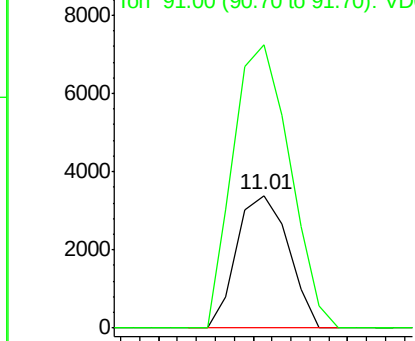
#68
m/p-Xvlenes
Concen: 1.02 ug/l
RT: 11.01 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
AREA-3(S)RE

Tot Ion:106 Resp: 6426
Ion Ratio Lower Upper
106 100
91 213.1 190.4 285.6

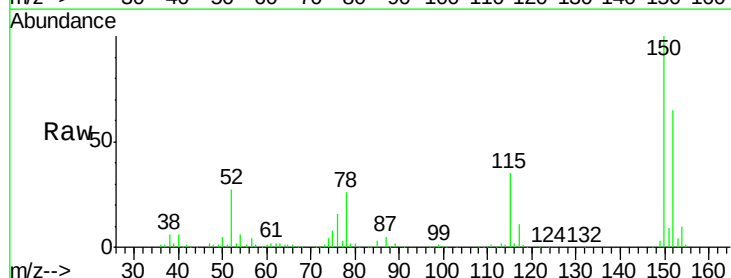


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

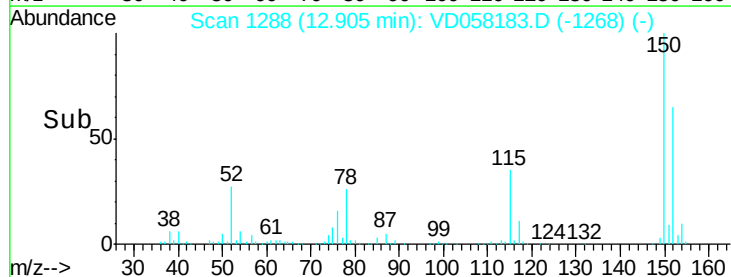
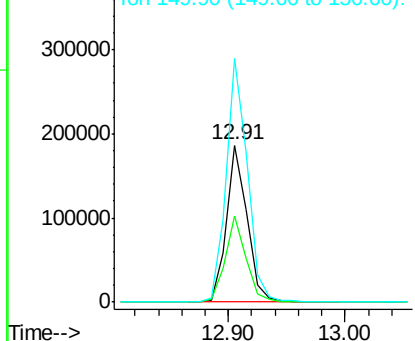


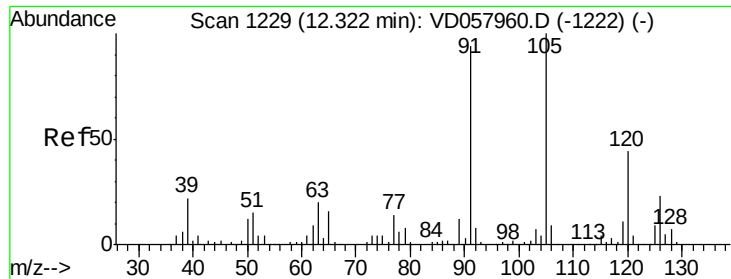
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Tgt Ion:152 Resp: 228012
Ion Ratio Lower Upper
152 100
115 54.9 25.6 76.6
150 154.9 0.0 306.8



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

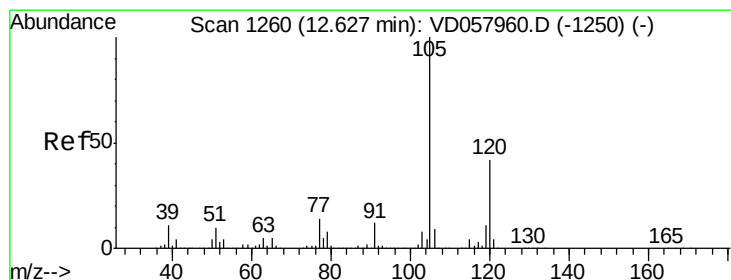
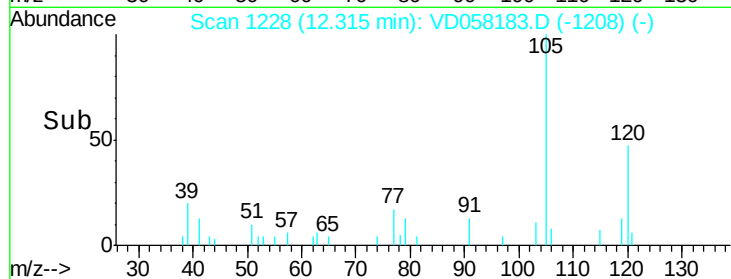
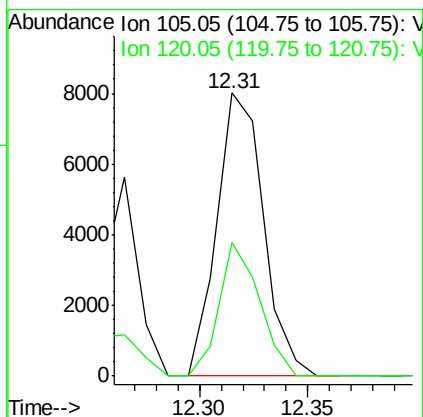
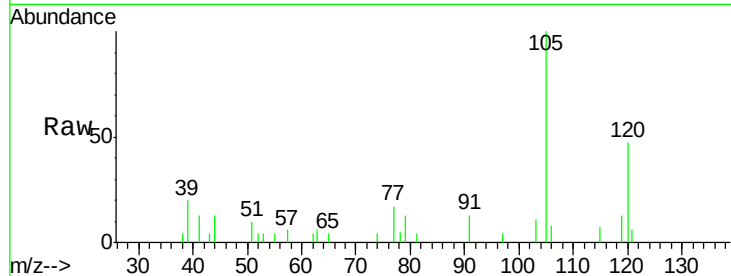




#80
 1,3,5-Trimethylbenzene
 Concen: 1.02 ug/l
 RT: 12.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VD058183.D
 Acq: 18 Jun 2018 16:11

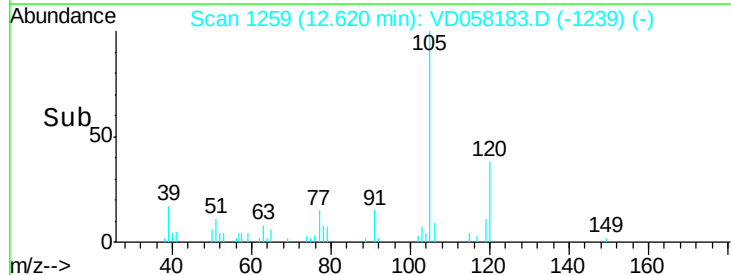
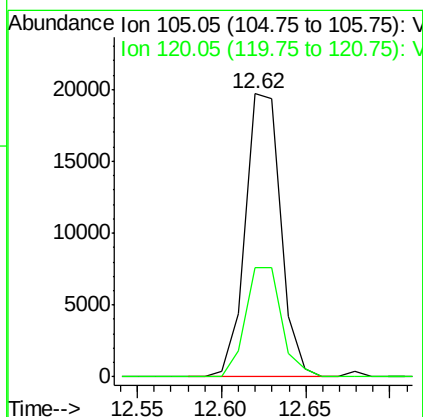
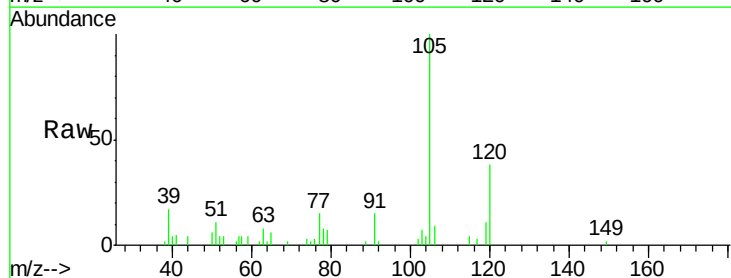
Instrument :
 MSVOA_D
 ClientSampleId :
 AREA-3(S)RE

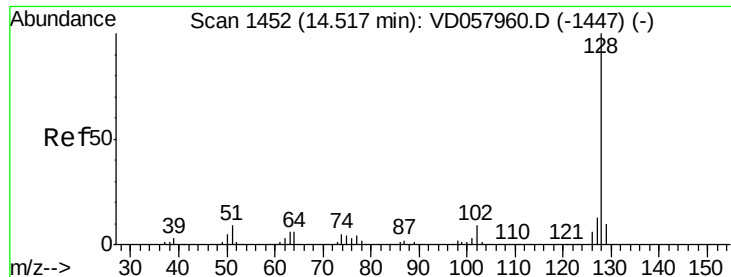
Tot Ion:105 Resp: 12007
 Ion Ratio Lower Upper
 105 100
 120 47.3 22.0 66.0



#84
 1,2,4-Trimethylbenzene
 Concen: 2.27 ug/l
 RT: 12.62 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VD058183.D
 Acq: 18 Jun 2018 16:11

Tgt Ion:105 Resp: 28772
 Ion Ratio Lower Upper
 105 100
 120 38.4 21.2 63.6





#95

Naphthalene

Concen: 25.78 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VD058183.D

Acq: 18 Jun 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

AREA-3(S)RE

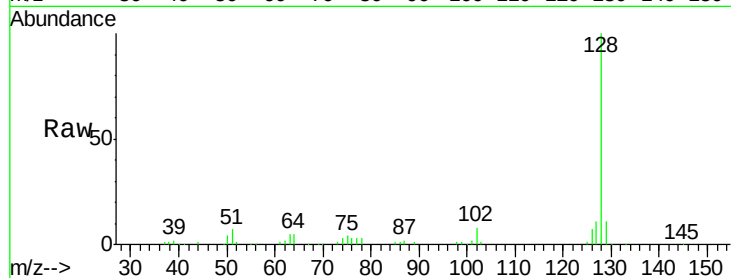
Tot Ion:128 Resp: 189756

Ion Ratio Lower Upper

128 100

127 11.5 10.2 15.2

129 11.0 8.2 12.2



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

