

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080818\
 Data File : VD059714.D
 Acq On : 8 Aug 2018 15:43
 Operator : VA/AP
 Sample : J4297-07RE
 Misc : 5.61g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7RE

Quant Time: Aug 08 16:50:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 08 02:03:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	165032	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.69	114	209665	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.70	117	95737	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	16542	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	94780	44.65	ug/l	0.01
Spiked Amount			Recovery	=	89.30%	
35) Dibromofluoromethane	5.55	113	79918	42.44	ug/l	0.02
Spiked Amount			Recovery	=	84.88%	
50) Toluene-d8	8.71	98	133871	32.66	ug/l	0.01
Spiked Amount			Recovery	=	65.32%	
62) 4-Bromofluorobenzene	11.91	95	57346	30.31	ug/l	-0.01
Spiked Amount			Recovery	=	60.62%	

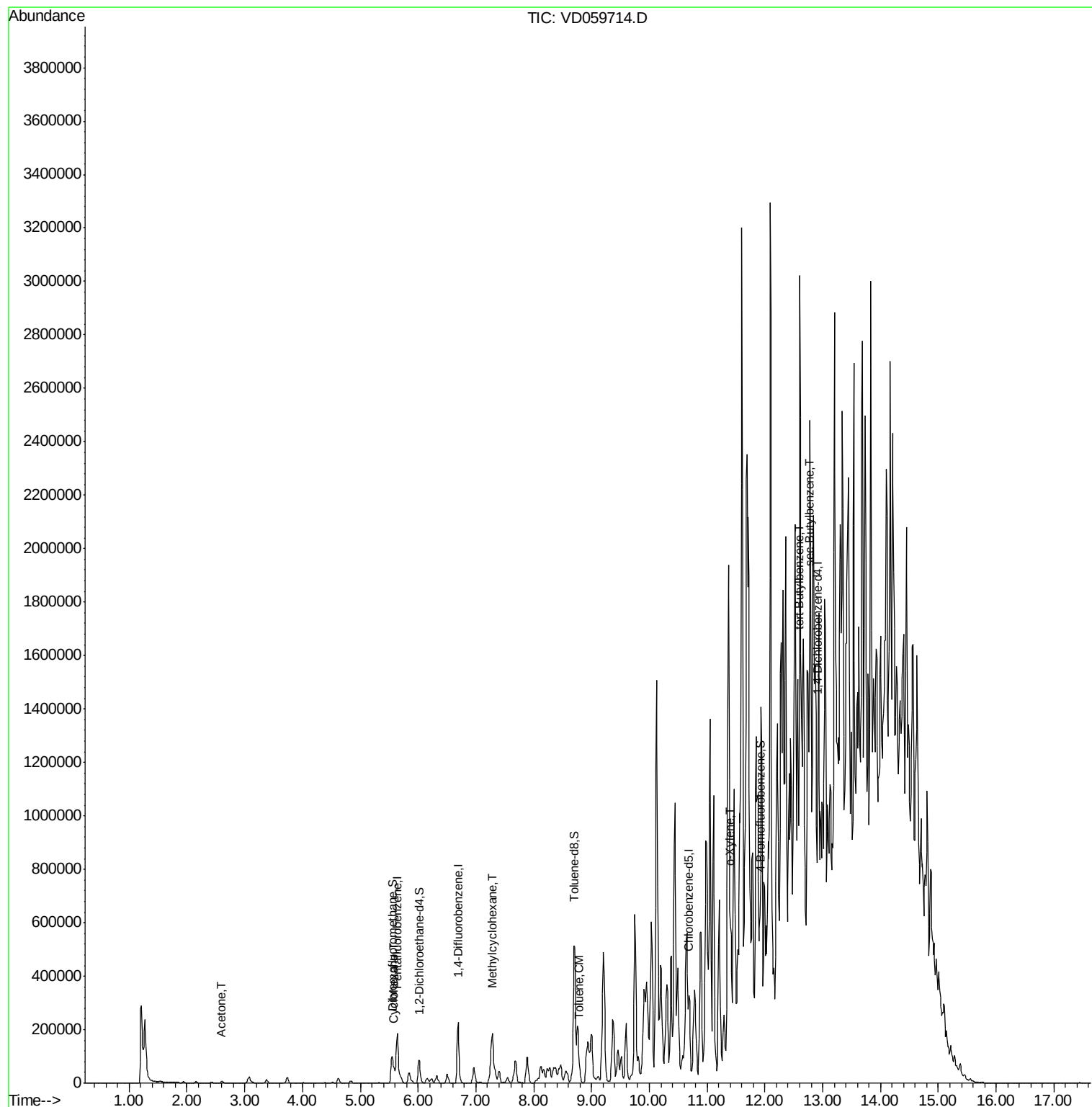
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.60	43	12131	30.42	ug/l	97
31) Cyclohexane	5.59	56	20394	8.14	ug/l	92
39) Methylcyclohexane	7.28	83	88866	45.11	ug/l	97
52) Toluene	8.80	92	7325	2.54	ug/l	97
69) o-Xylene	11.40	106	3957	3.50	ug/l	66
83) tert-Butylbenzene	12.58	119	13294	12.83	ug/l	65
85) sec-Butylbenzene	12.76	105	24929	21.66	ug/l	94

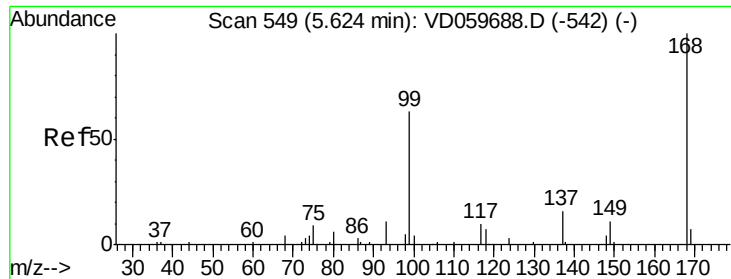
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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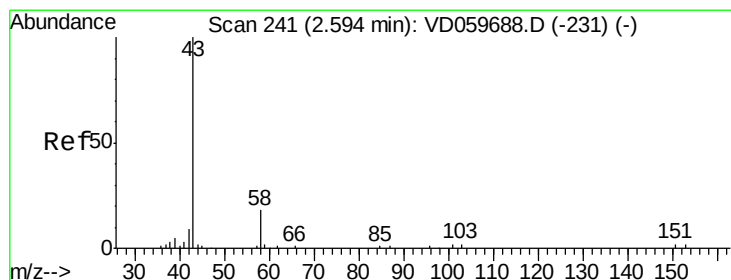
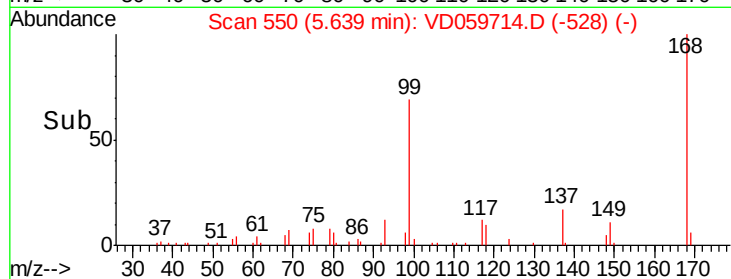
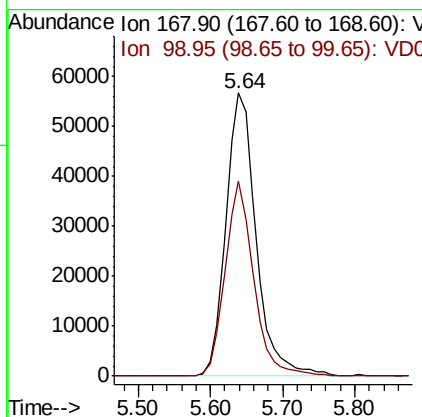
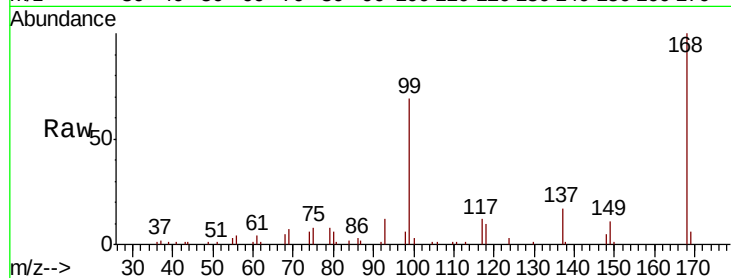




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.64 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

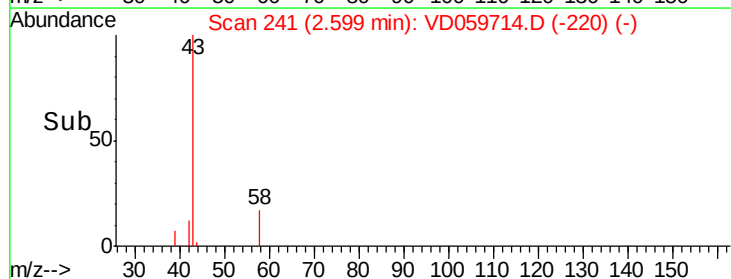
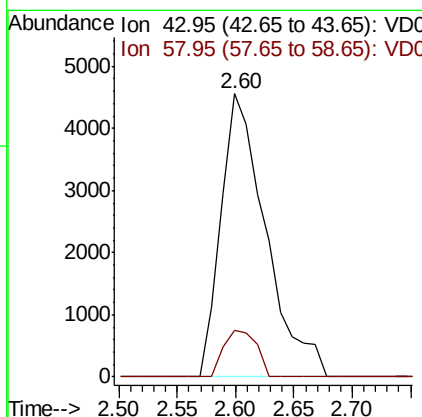
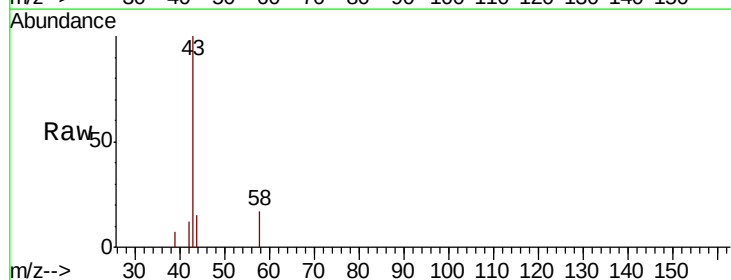
Instrument :
MSVOA_D
ClientSampleId :
TP-7RE

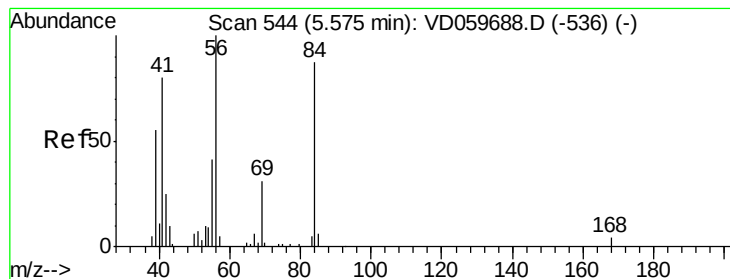
Tot Ion:168 Resp: 165032
Ion Ratio Lower Upper
168 100
99 68.8 53.4 80.2



#16
Acetone
Concen: 30.42 ug/l
RT: 2.60 min Scan# 241
Delta R.T. 0.01 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

Tgt Ion: 43 Resp: 12131
Ion Ratio Lower Upper
43 100
58 16.5 14.2 21.2





#31

Cyclohexane

Concen: 8.14 ug/l

RT: 5.59 min Scan# 545

Delta R.T. 0.02 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

Instrument :

MSVOA_D

ClientSampleId :

TP-7RE

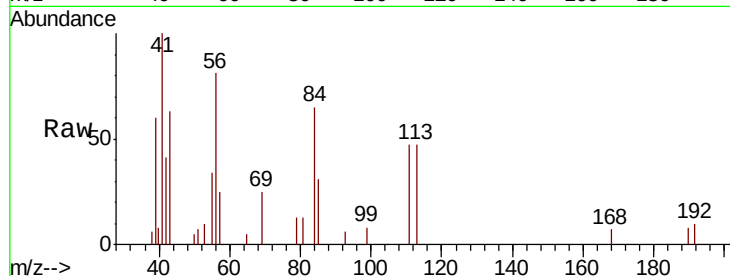
Tot Ion: 56 Resp: 20394

Ion Ratio Lower Upper

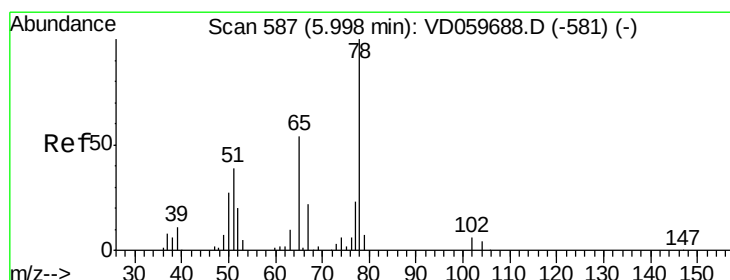
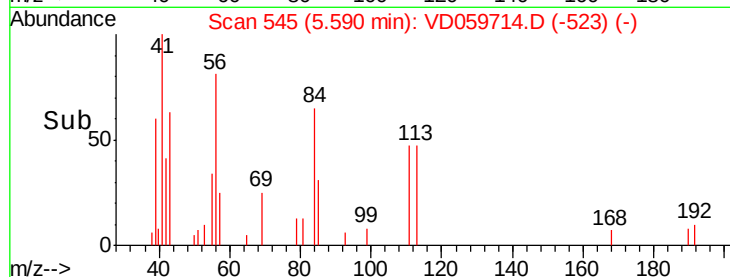
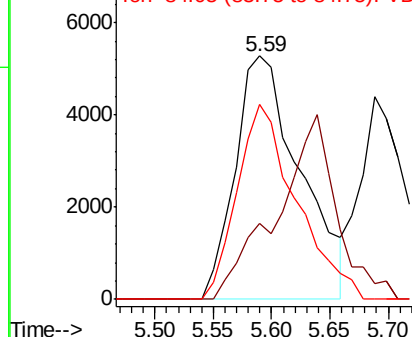
56 100

69 31.3 24.7 37.1

84 79.9 72.2 108.2



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): 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: VD059714.D

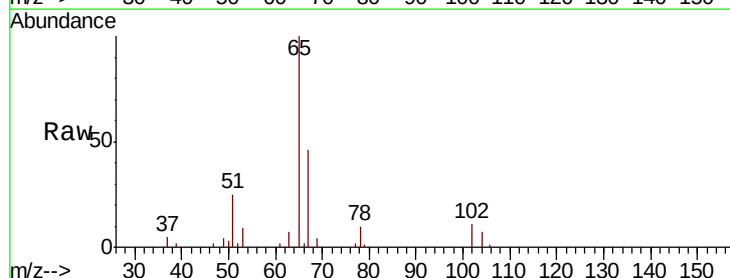
Acq: 8 Aug 2018 15:43

Tgt Ion: 65 Resp: 94780

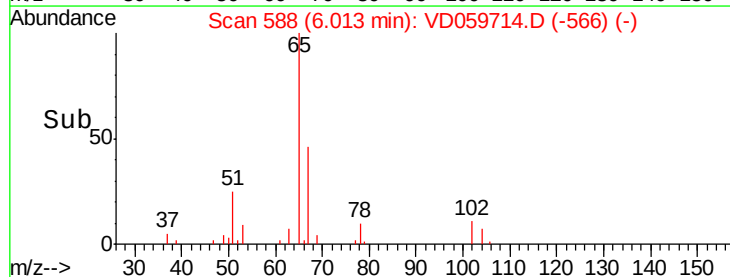
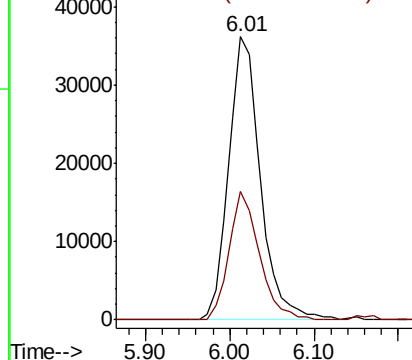
Ion Ratio Lower Upper

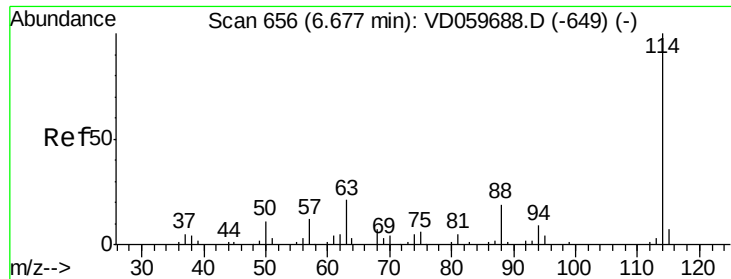
65 100

67 45.6 0.0 80.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

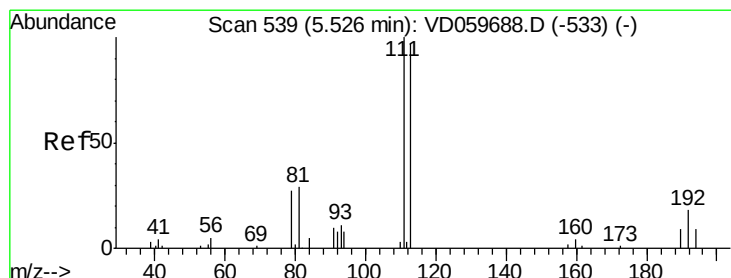
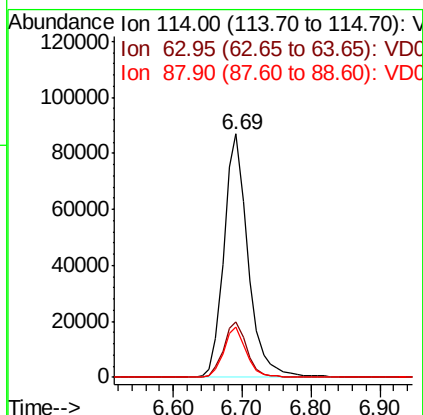
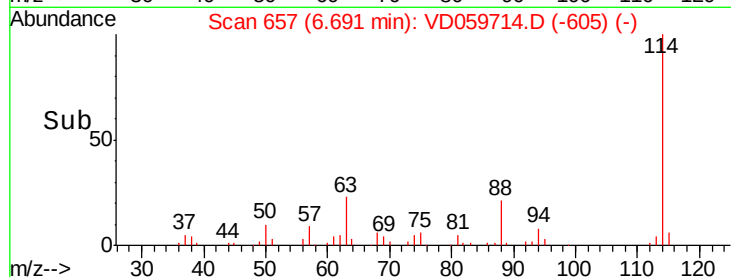
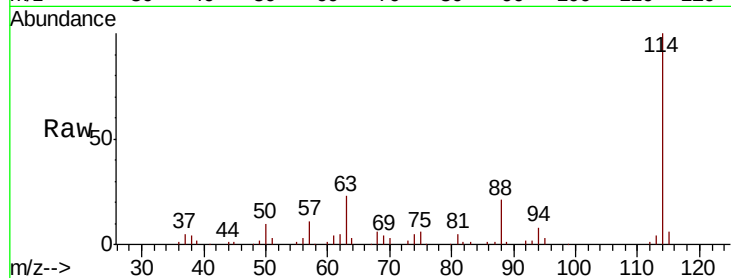




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059714.D
 Acq: 8 Aug 2018 15:43

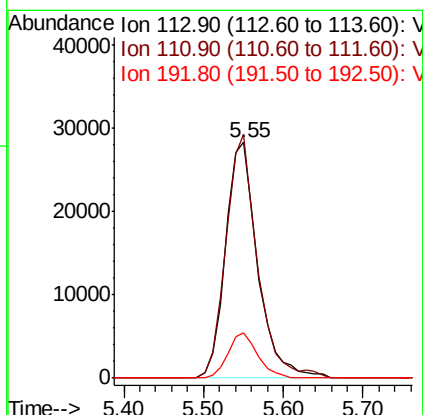
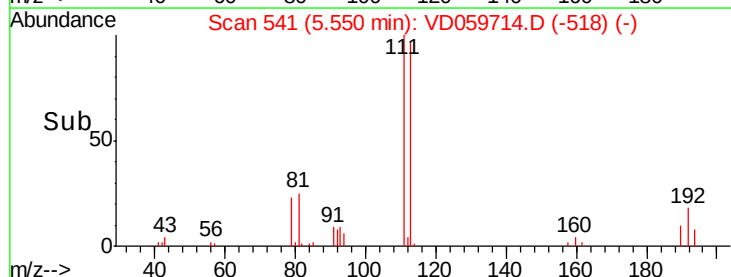
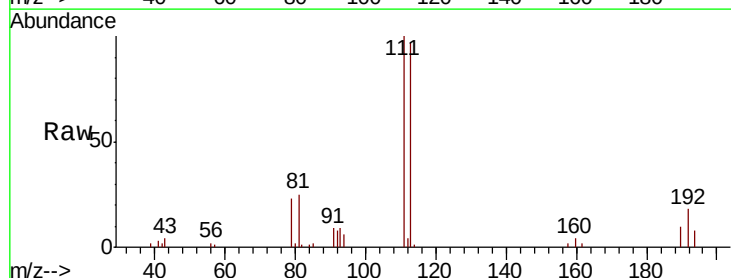
Instrument :
 MSVOA_D
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 TP-7RE

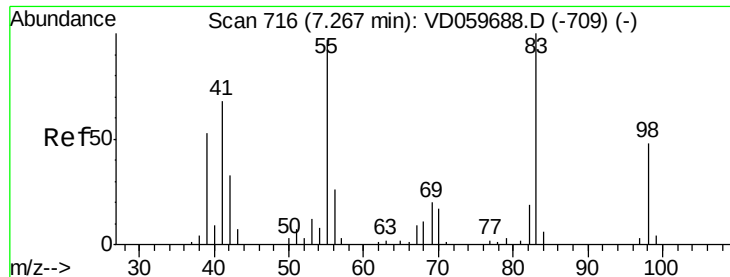
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	42.6
88	20.5	0.0	38.8



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. 0.02 min
 Lab File: VD059714.D
 Acq: 8 Aug 2018 15:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.8	124.2
192	19.0	14.6	22.0

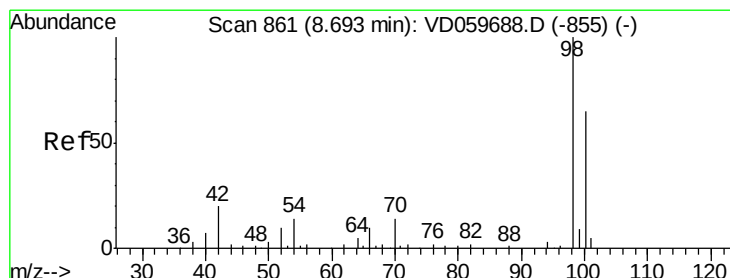
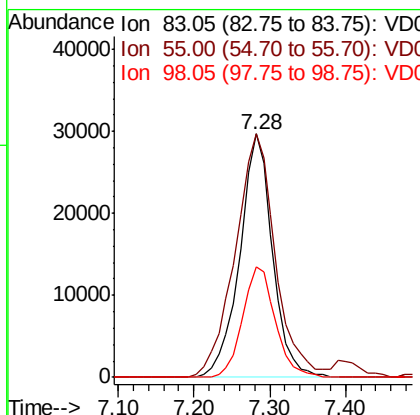
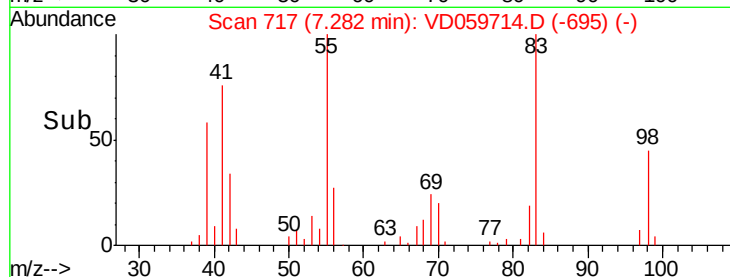
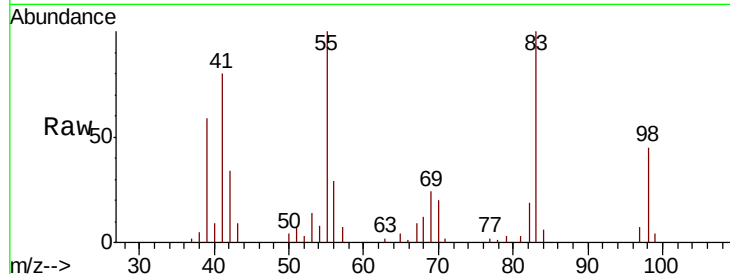




#39
Methylcyclohexane
Concen: 45.11 ug/l
RT: 7.28 min Scan# 717
Delta R.T. 0.01 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

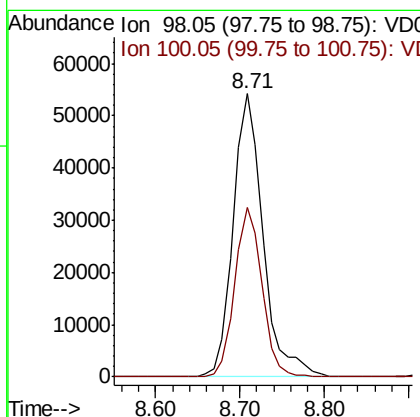
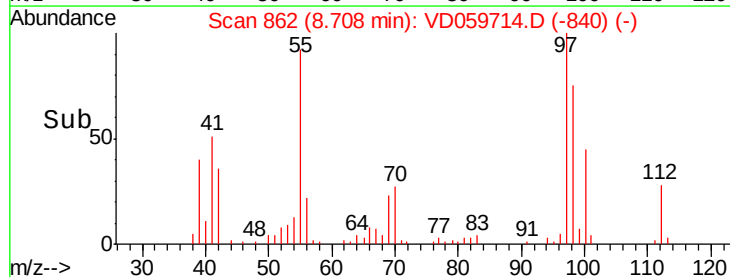
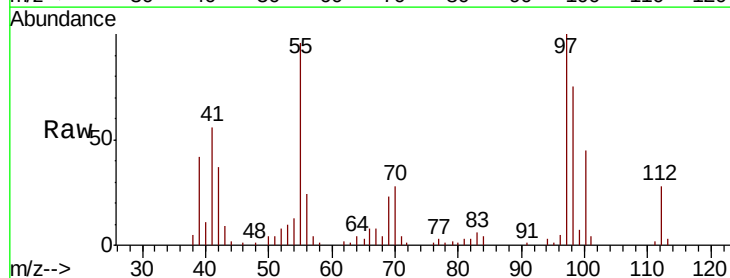
Instrument :
MSVOA_D
ClientSampleId :
TP-7RE

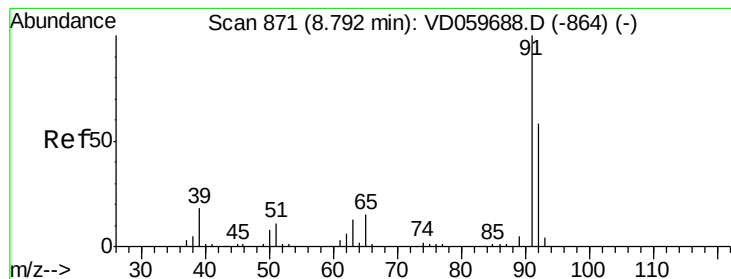
Tot Ion: 83 Resp: 88866
Ion Ratio Lower Upper
83 100
55 99.9 77.7 116.5
98 45.4 38.7 58.1



#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

Tgt Ion: 98 Resp: 133871
Ion Ratio Lower Upper
98 100
100 59.7 52.5 78.7





#52

Toluene

Concen: 2.54 ug/l

RT: 8.80 min Scan# 871

Delta R.T. 0.01 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

Instrument :

MSVOA_D

ClientSampled :

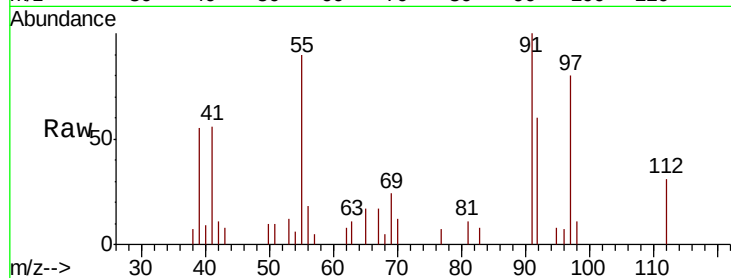
TP-7RE

Tot Ion: 92 Resp: 7325

Ion Ratio Lower Upper

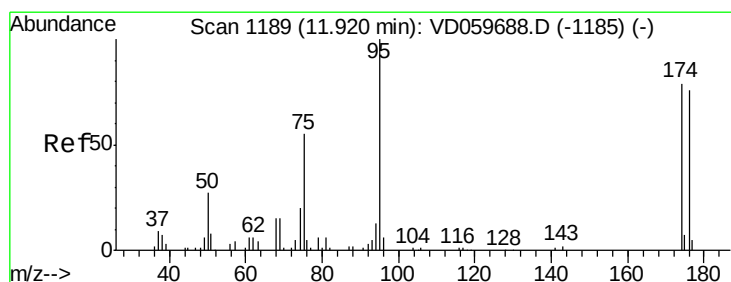
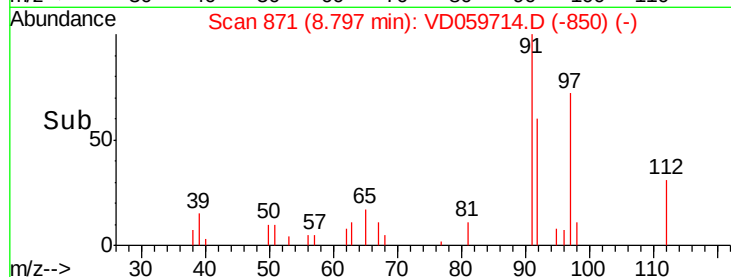
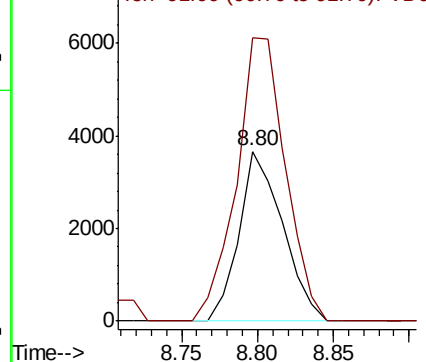
92 100

91 166.6 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.91 min Scan# 1187

Delta R.T. -0.01 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

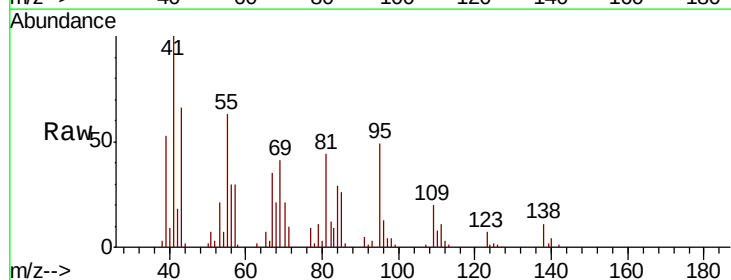
Tgt Ion: 95 Resp: 57346

Ion Ratio Lower Upper

95 100

174 0.0 0.0 158.4

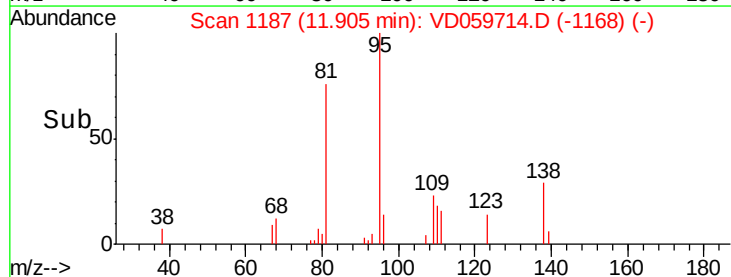
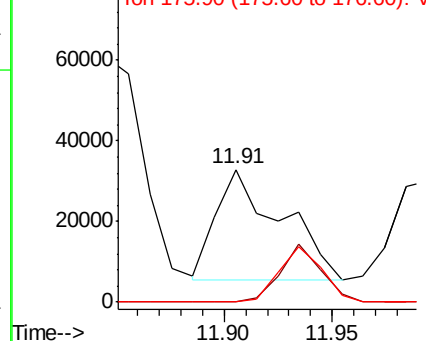
176 0.0 0.0 153.0

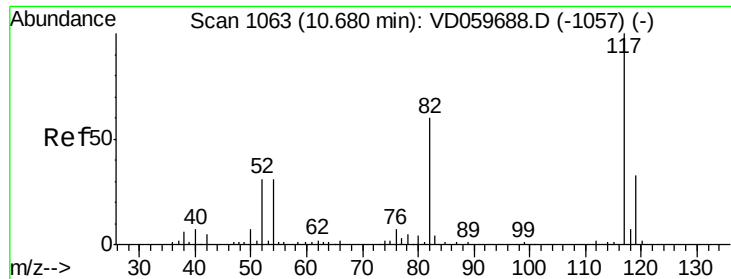


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

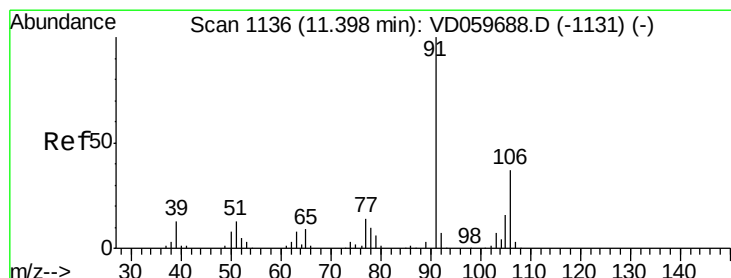
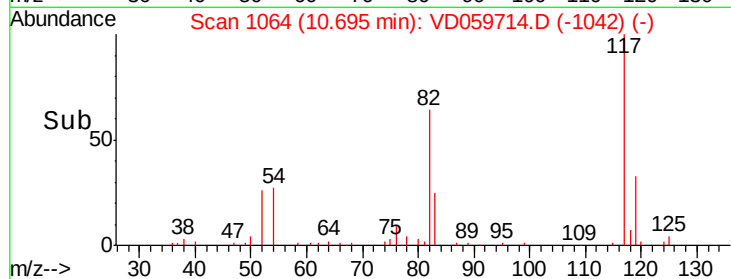
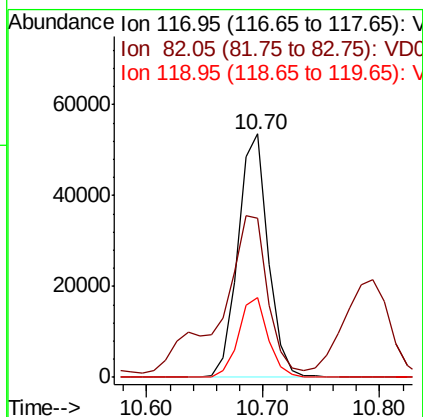
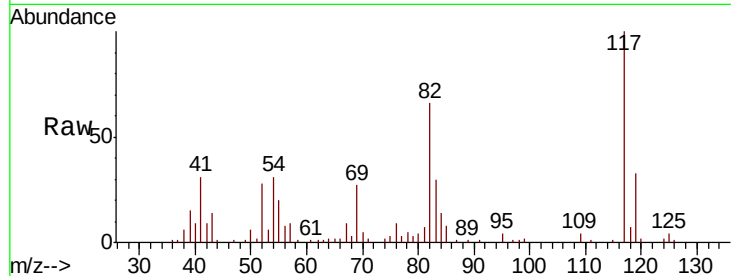




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

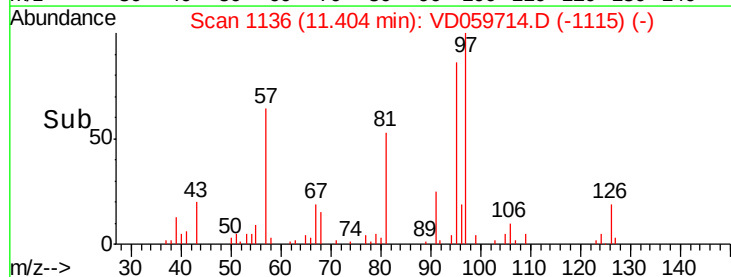
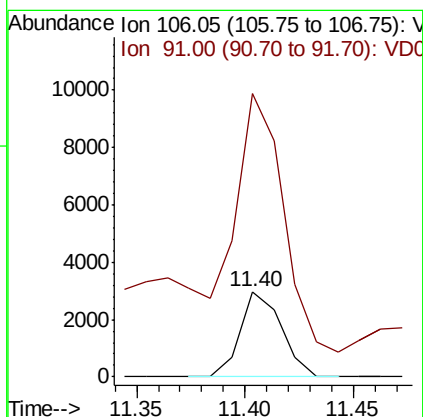
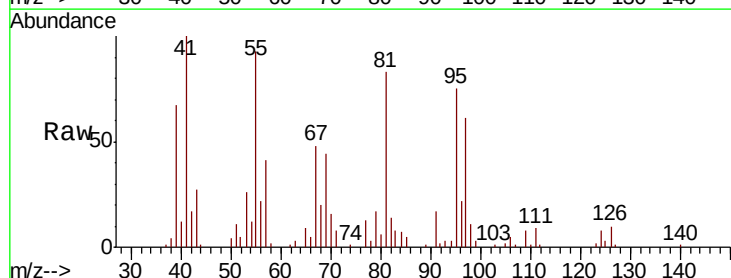
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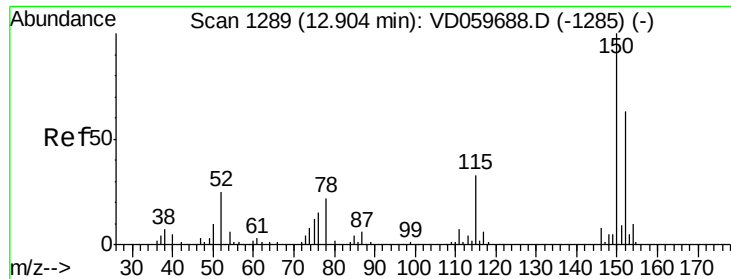
Tot Ion:117 Resp: 95737
Ion Ratio Lower Upper
117 100
82 65.5 47.7 71.5
119 32.7 26.6 40.0



#69
o-Xylene
Concen: 3.50 ug/l
RT: 11.40 min Scan# 1136
Delta R.T. 0.01 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

Tgt Ion:106 Resp: 3957
Ion Ratio Lower Upper
106 100
91 332.6 135.2 405.6

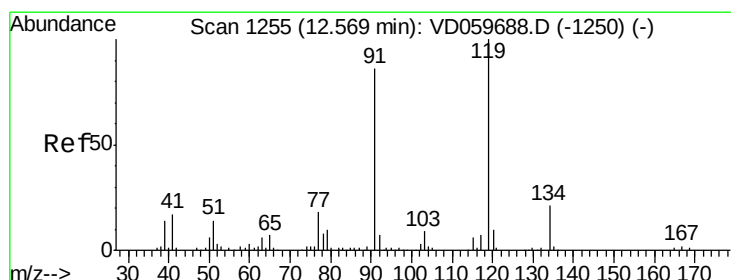
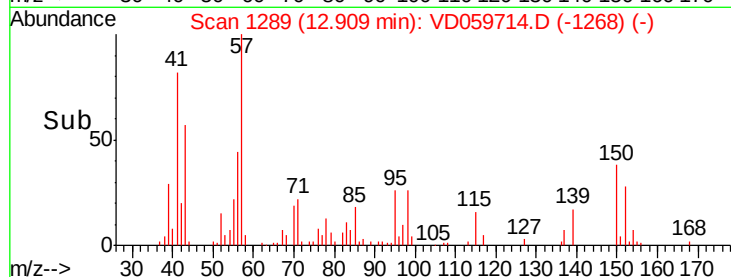
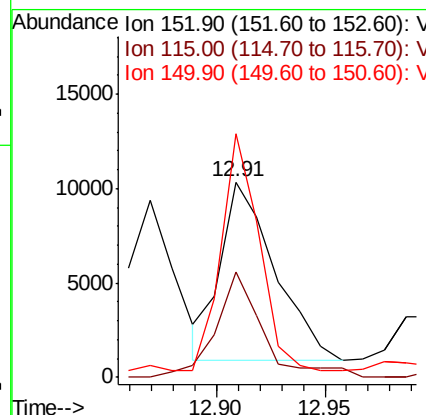
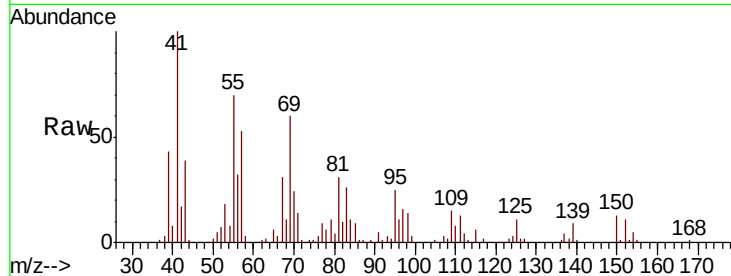




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.91 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: VD059714.D
 Acq: 8 Aug 2018 15:43

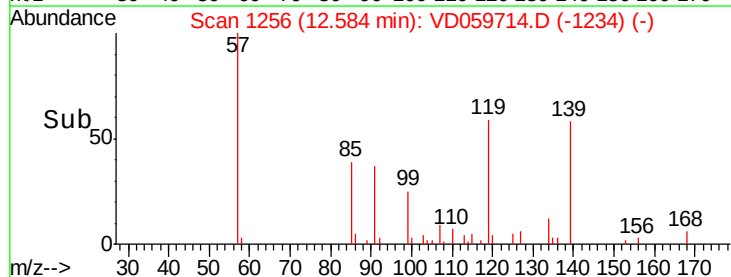
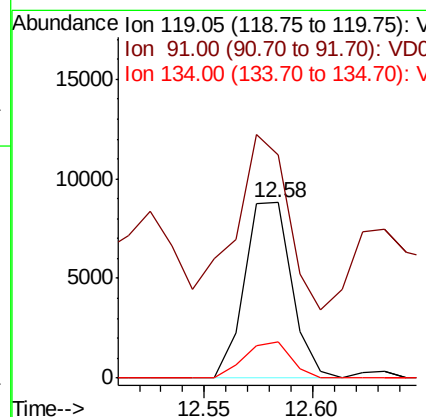
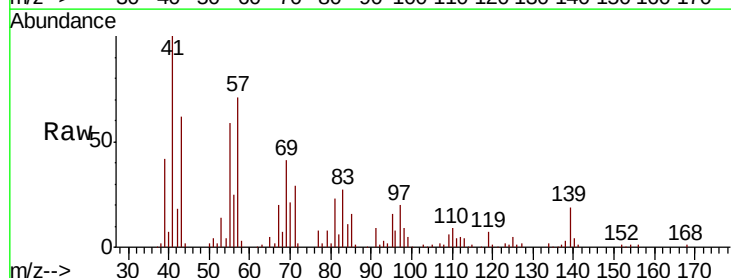
Instrument :
 MSVOA_D
 ClientSampled :
 TP-7RE

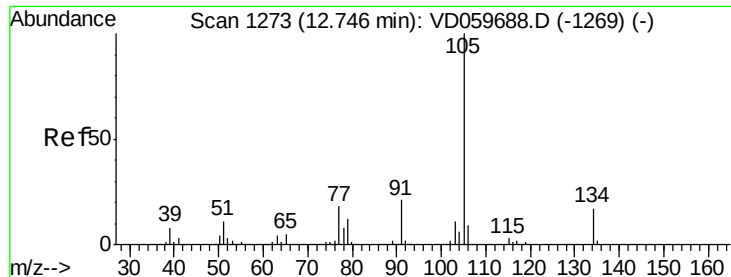
Tot Ion:152 Resp: 16542
 Ion Ratio Lower Upper
 152 100
 115 54.1 28.8 86.4
 150 124.8 0.0 318.0



#83
 tert-Butylbenzene
 Concen: 12.83 ug/l
 RT: 12.58 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: VD059714.D
 Acq: 8 Aug 2018 15:43

Tgt Ion:119 Resp: 13294
 Ion Ratio Lower Upper
 119 100
 91 126.9 43.3 129.9
 134 20.5 10.5 31.6





#85
 sec-Butylbenzene
 Concen: 21.66 ug/l
 RT: 12.76 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: VD059714.D
 Acq: 8 Aug 2018 15:43

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7RE

Tot Ion:105 Resp: 24929
 Ion Ratio Lower Upper
 105 100
 134 19.0 8.3 24.9

