

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080718\
 Data File : VD059702.D
 Acq On : 7 Aug 2018 13:55
 Operator : VA/AP
 Sample : J4297-06
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Quant Time: Aug 08 08:34:07 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	5.62	168	161081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	220327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	114504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	50759	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	97446	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	
35) Dibromofluoromethane	5.53	113	84341	42.62	ug/l	0.00
Spiked Amount			Recovery	=	85.24%	
50) Toluene-d8	8.69	98	148851	34.56	ug/l	0.00
Spiked Amount			Recovery	=	69.12%	
62) 4-Bromofluorobenzene	11.92	95	204127	102.68	ug/l	0.00
Spiked Amount			Recovery	=	205.36%	

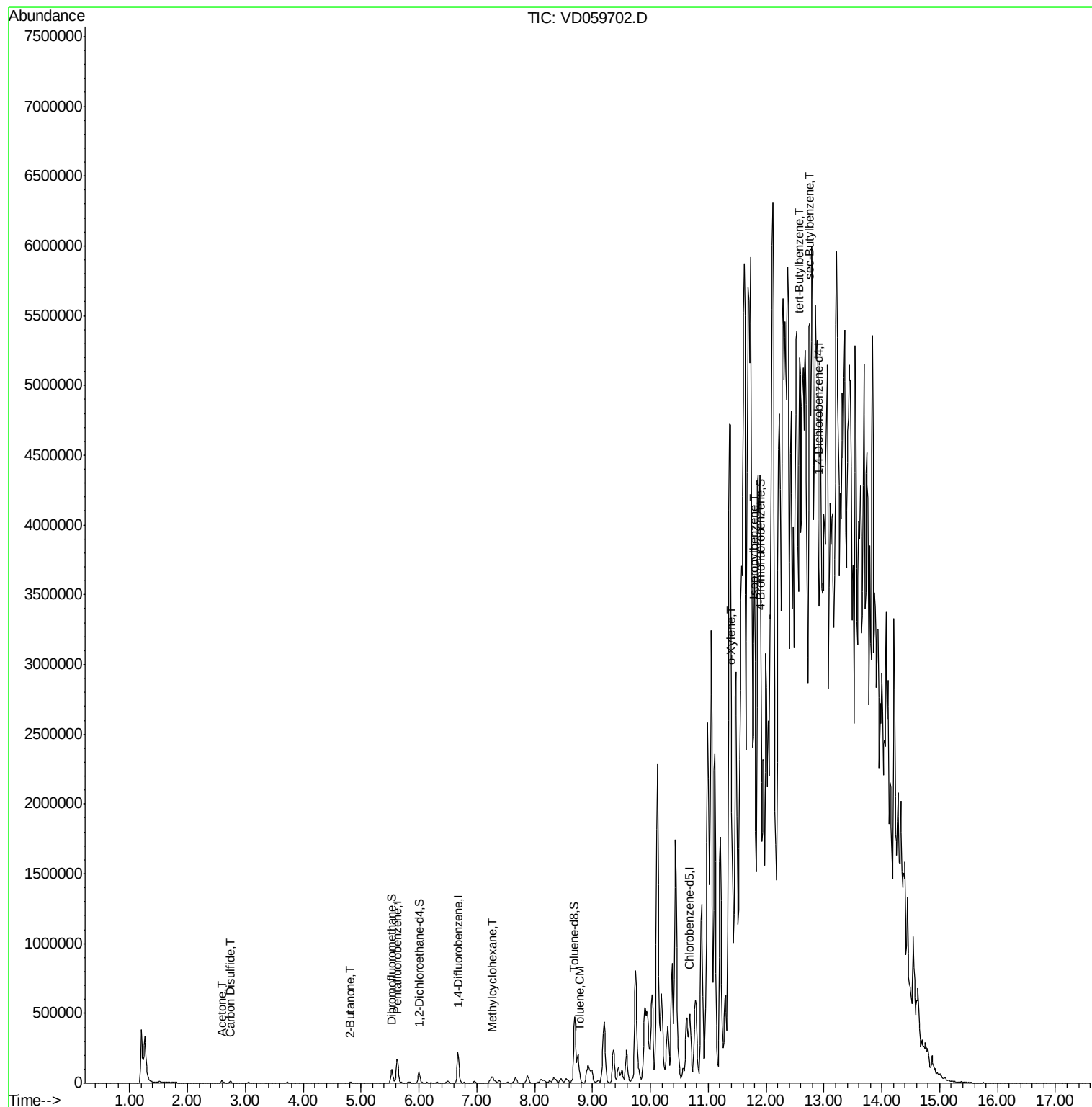
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.59	43	32093	82.45	ug/l	99
17) Carbon Disulfide	2.74	76	22049	7.71	ug/l	99
25) 2-Butanone	4.82	43	13197	25.81	ug/l #	90
39) Methylcyclohexane	7.27	83	21689	10.48	ug/l #	87
52) Toluene	8.79	92	7958	2.63	ug/l	96
69) o-Xylene	11.41	106	4855	3.59	ug/l	30
73) Isopropylbenzene	11.78	105	18204	5.34	ug/l	94
83) tert-Butylbenzene	12.59	119	49798	15.66	ug/l	69
85) sec-Butylbenzene	12.76	105	124551	35.26	ug/l	90

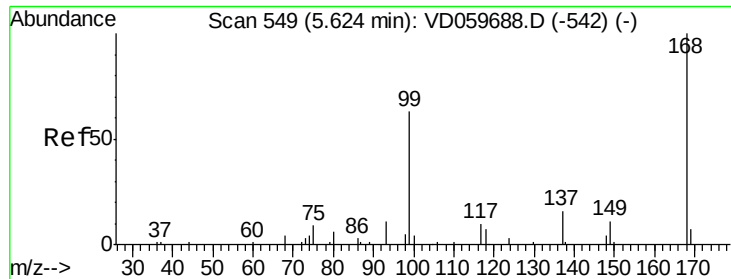
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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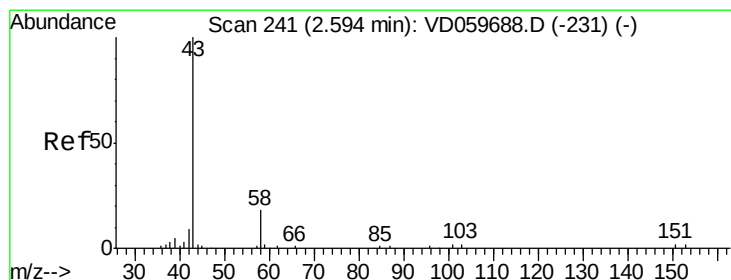
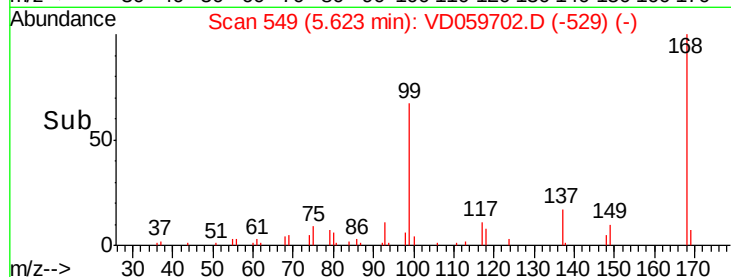
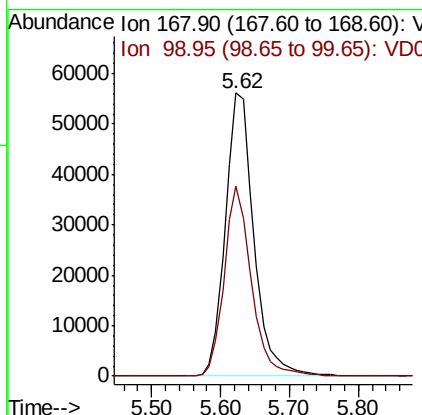
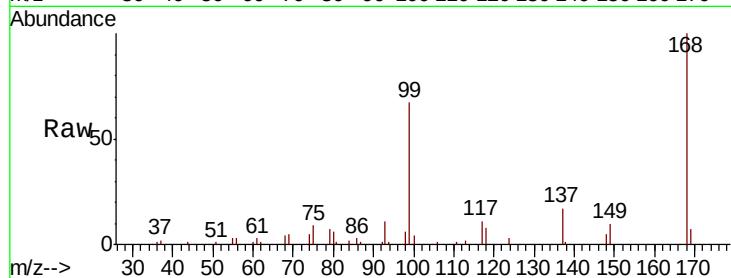




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 549
Delta R.T. -0.00 min
Lab File: VD059702.D
Acq: 7 Aug 2018 13:55

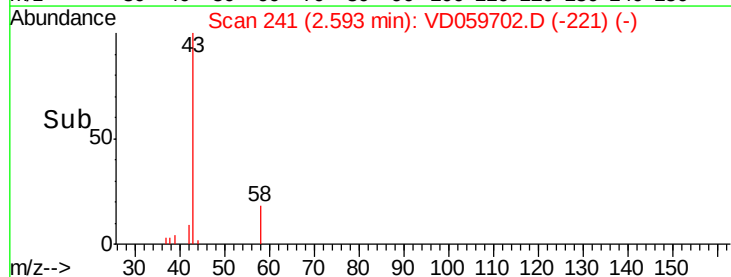
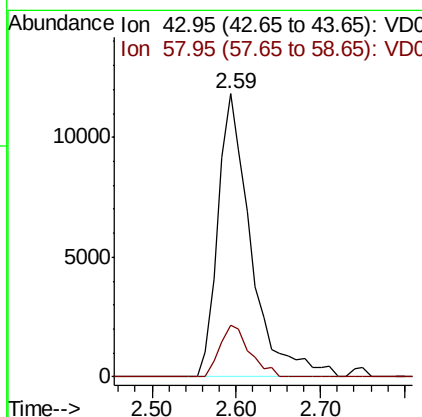
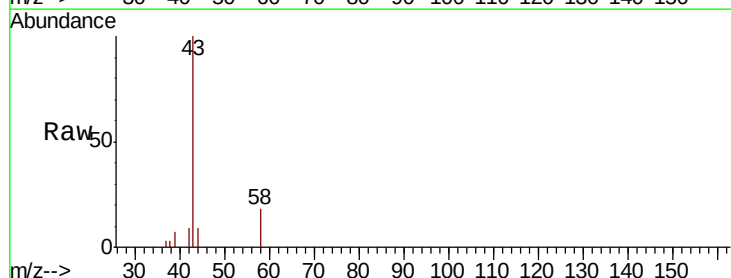
Instrument :
MSVOA_D
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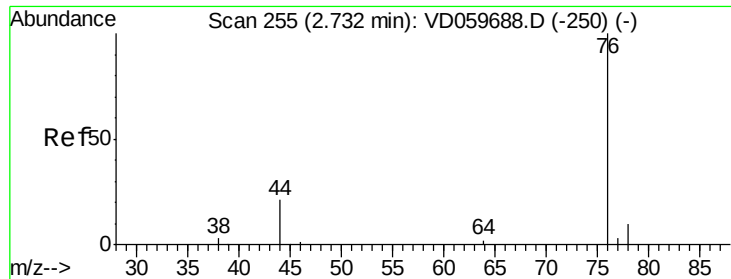
Tot Ion:168 Resp: 161081
Ion Ratio Lower Upper
168 100
99 66.9 53.4 80.2



#16
Acetone
Concen: 82.45 ug/l
RT: 2.59 min Scan# 241
Delta R.T. -0.00 min
Lab File: VD059702.D
Acq: 7 Aug 2018 13:55

Tgt Ion: 43 Resp: 32093
Ion Ratio Lower Upper
43 100
58 18.1 14.2 21.2





#17

Carbon Disulfide

Concen: 7.71 ug/l

RT: 2.74 min Scan# 256

Delta R.T. 0.01 min

Lab File: VD059702.D

Acq: 7 Aug 2018 13:55

Instrument :

MSVOA_D

ClientSampleId :

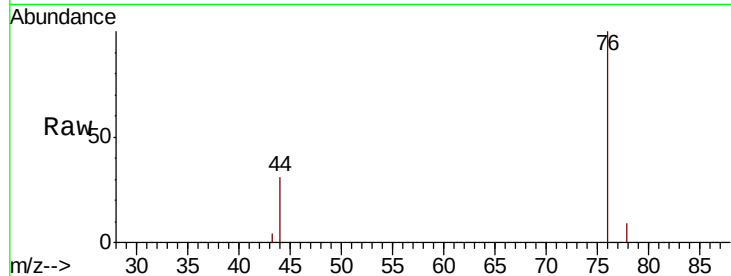
TP-6

Tot Ion: 76 Resp: 22049

Ion Ratio Lower Upper

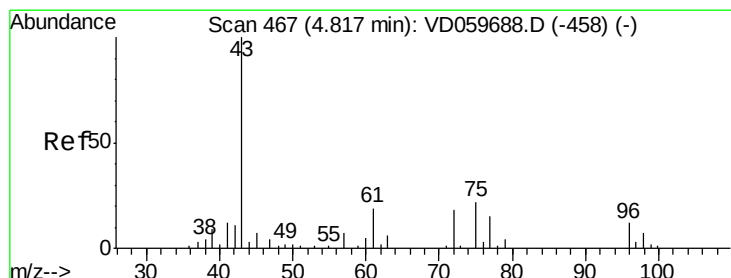
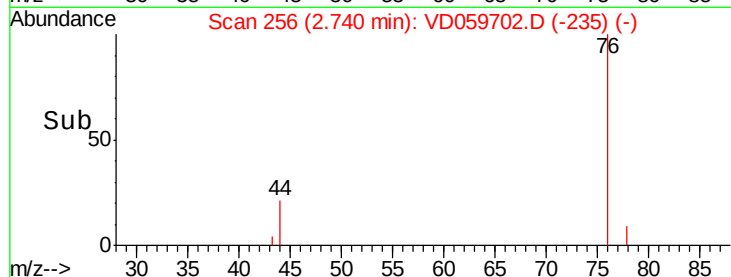
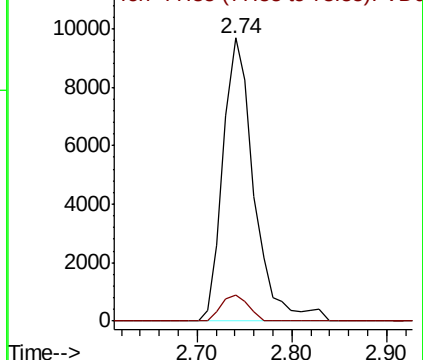
76 100

78 9.1 7.7 11.5



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#25

2-Butanone

Concen: 25.81 ug/l

RT: 4.82 min Scan# 467

Delta R.T. -0.00 min

Lab File: VD059702.D

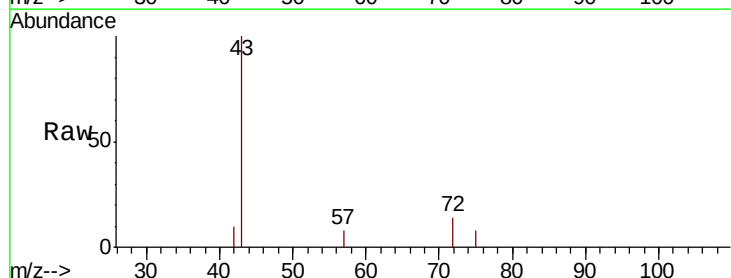
Acq: 7 Aug 2018 13:55

Tgt Ion: 43 Resp: 13197

Ion Ratio Lower Upper

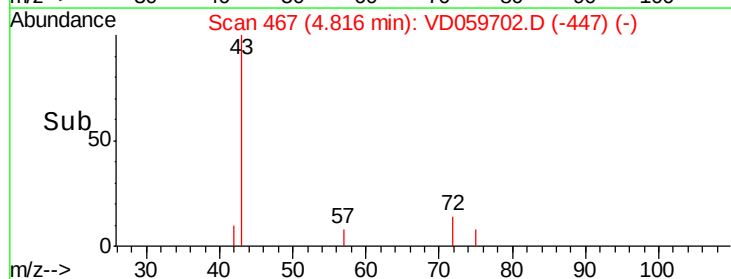
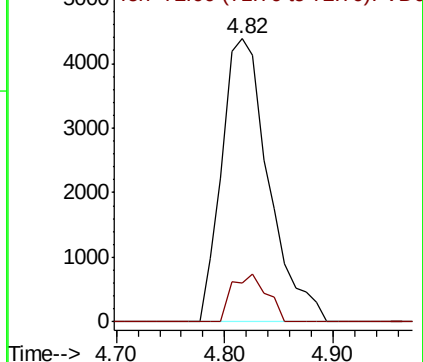
43 100

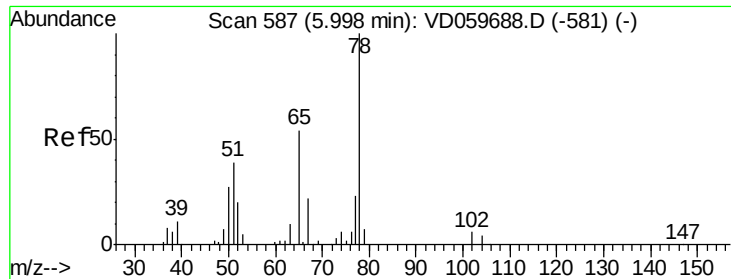
72 13.7 14.6 21.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

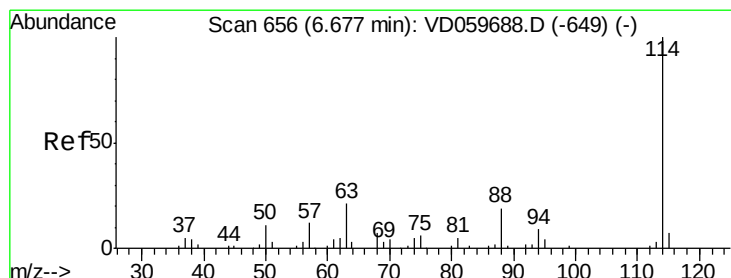
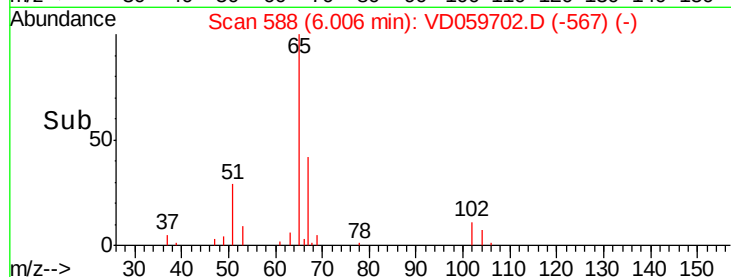
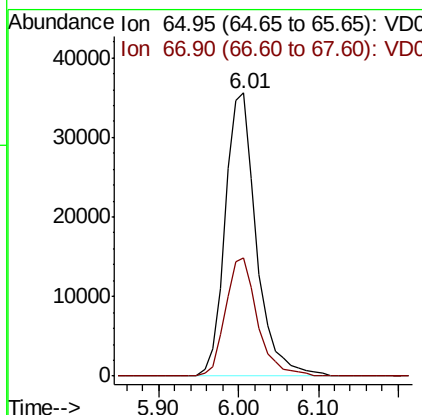
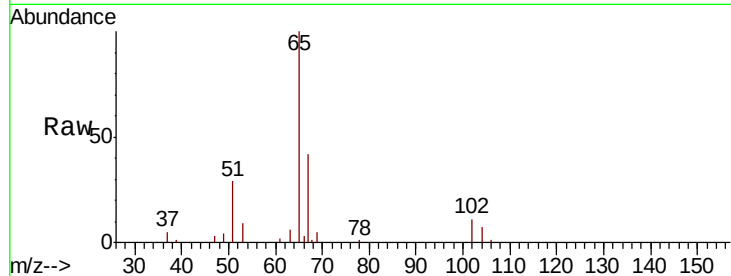




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: VD059702.D
 Acq: 7 Aug 2018 13:55

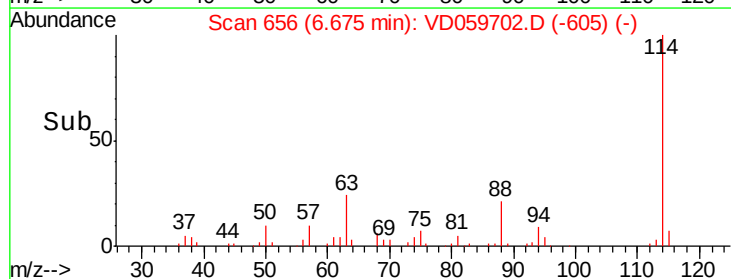
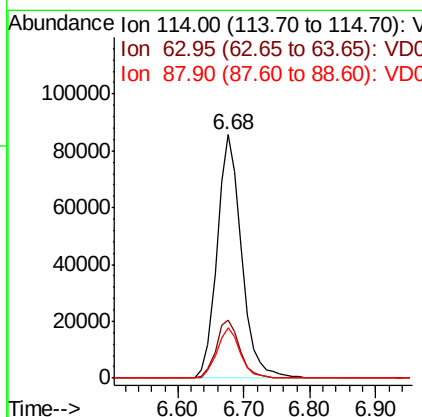
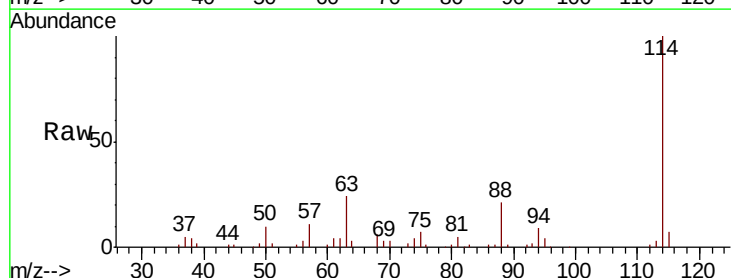
Instrument :
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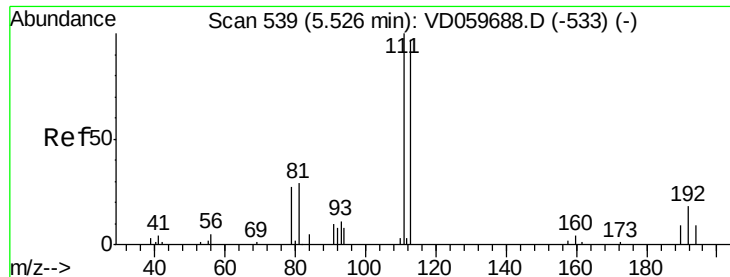
Tot Ion: 65 Resp: 97446
 Ion Ratio Lower Upper
 65 100
 67 42.0 0.0 80.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VD059702.D
 Acq: 7 Aug 2018 13:55

Tgt Ion: 114 Resp: 220327
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 42.6
 88 20.6 0.0 38.8

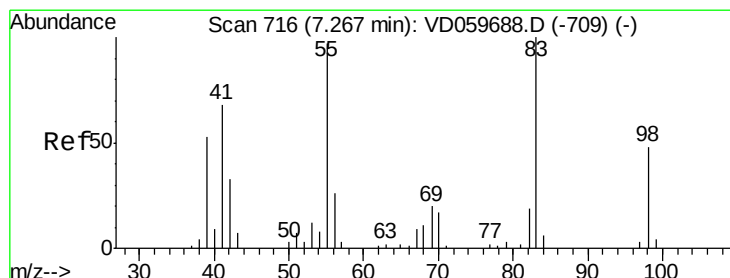
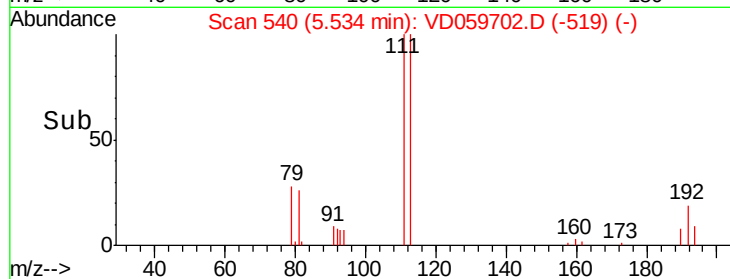
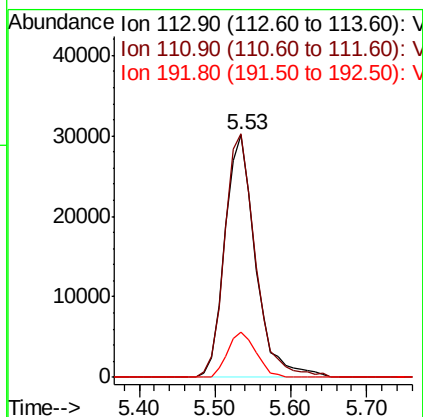
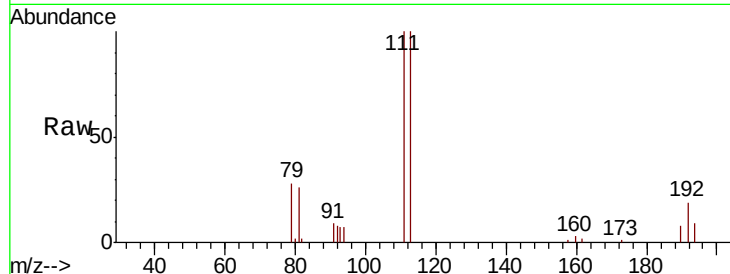




#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.53 min Scan# 540
Delta R.T. 0.01 min
Lab File: VD059702.D
Acq: 7 Aug 2018 13:55

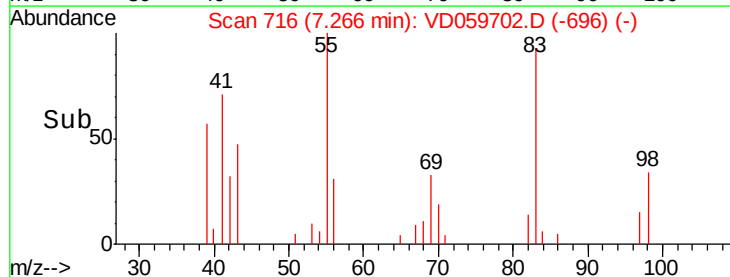
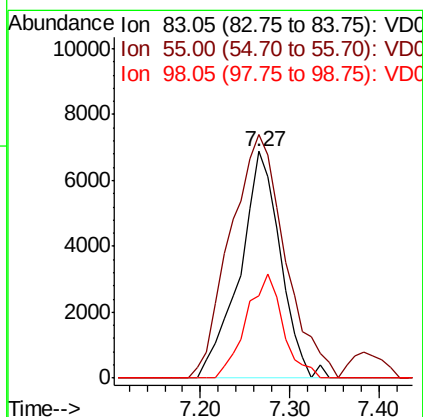
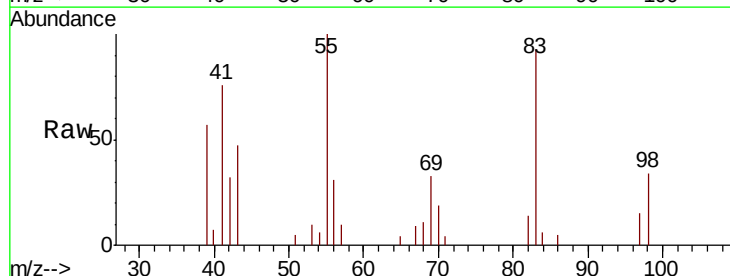
Instrument :
MSVOA_D
ClientSampleId :
TP-6

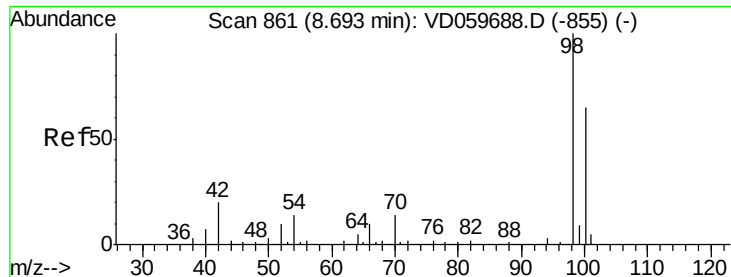
Tot Ion:113 Resp: 84341
Ion Ratio Lower Upper
113 100
111 100.4 82.8 124.2
192 18.7 14.6 22.0



#39
Methylcyclohexane
Concen: 10.48 ug/l
RT: 7.27 min Scan# 716
Delta R.T. -0.00 min
Lab File: VD059702.D
Acq: 7 Aug 2018 13:55

Tgt Ion: 83 Resp: 21689
Ion Ratio Lower Upper
83 100
55 107.4 77.7 116.5
98 36.2 38.7 58.1#

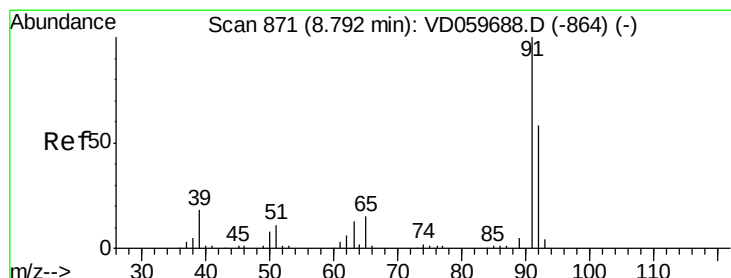
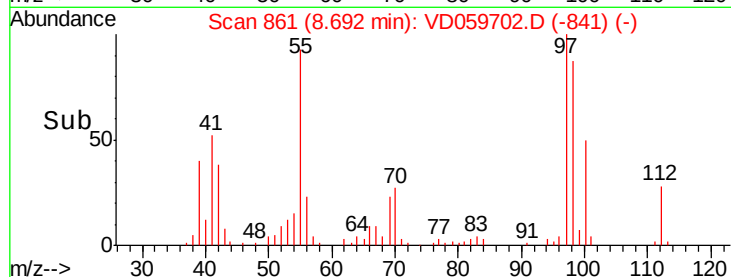
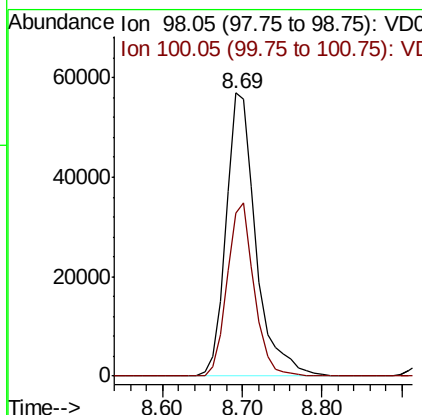
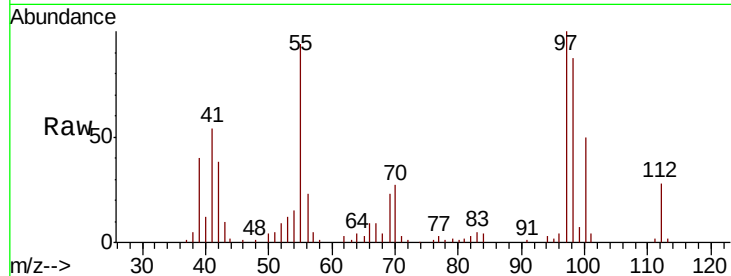




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. -0.00 min
Lab File: VD059702.D
Acq: 7 Aug 2018 13:55

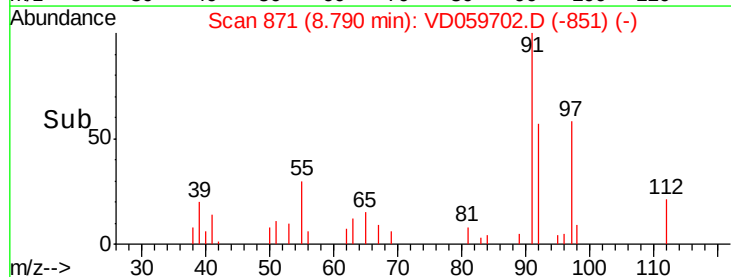
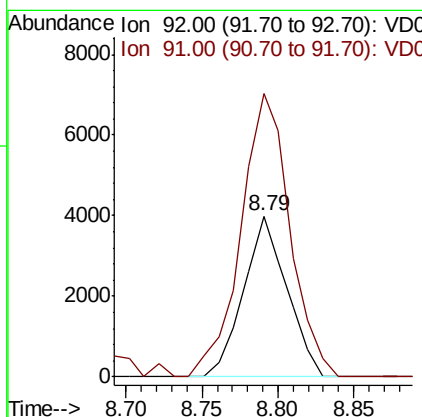
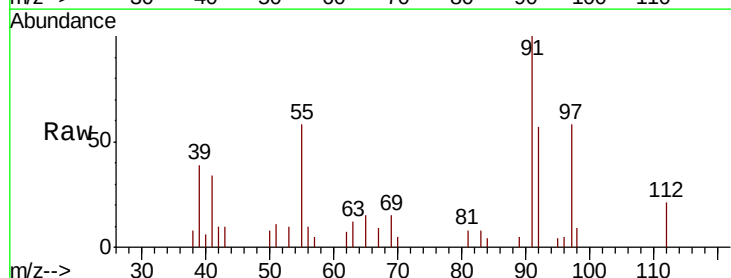
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ClientSampleId :
TP-6

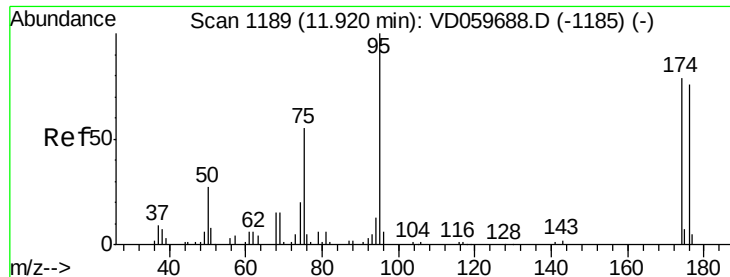
Tot Ion: 98 Resp: 148851
Ion Ratio Lower Upper
98 100
100 57.8 52.5 78.7



#52
Toluene
Concen: 2.63 ug/l
RT: 8.79 min Scan# 871
Delta R.T. -0.00 min
Lab File: VD059702.D
Acq: 7 Aug 2018 13:55

Tgt Ion: 92 Resp: 7958
Ion Ratio Lower Upper
92 100
91 176.3 137.0 205.6

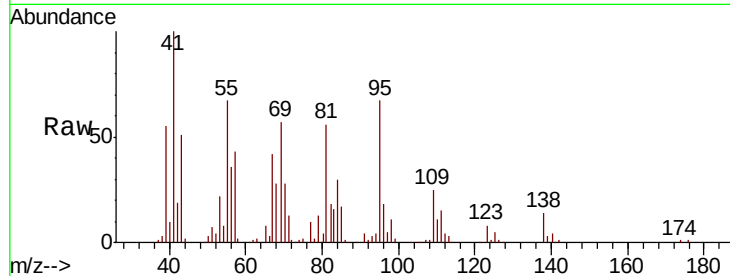




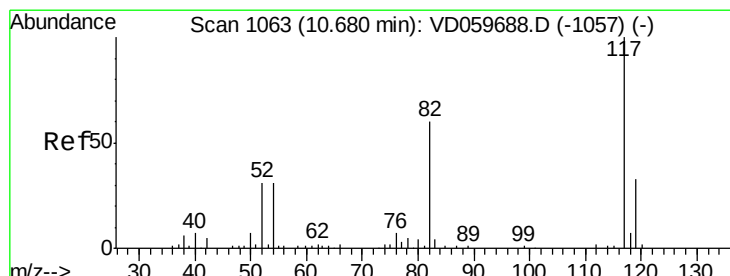
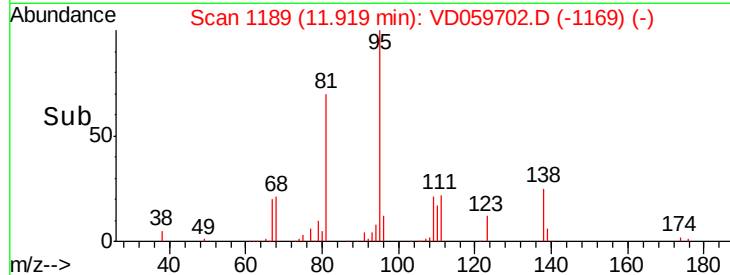
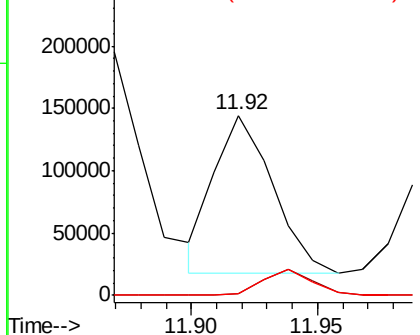
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD059702.D
Acq: 7 Aug 2018 13:55

Instrument :
MSVOA_D
ClientSampled :
TP-6

Tot Ion: 95 Resp: 204127
Ion Ratio Lower Upper
95 100
174 1.3 0.0 158.4
176 1.2 0.0 153.0

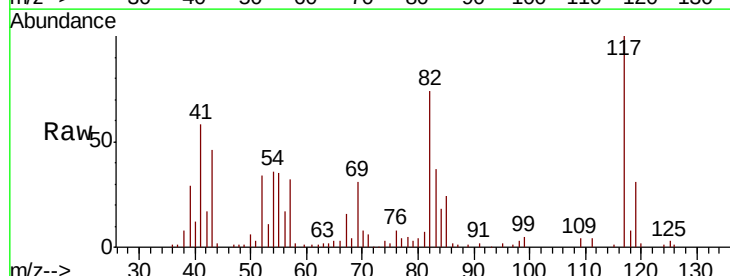


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

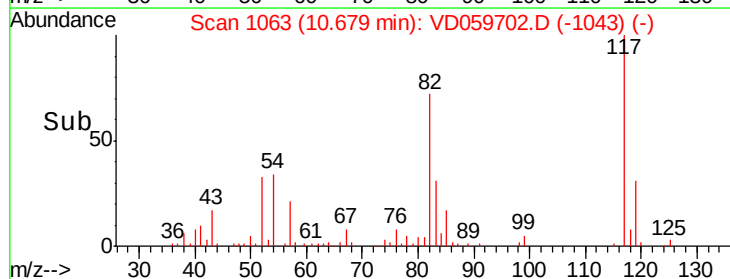
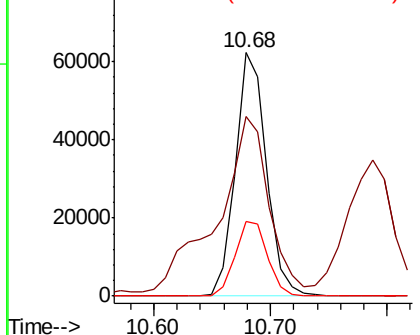


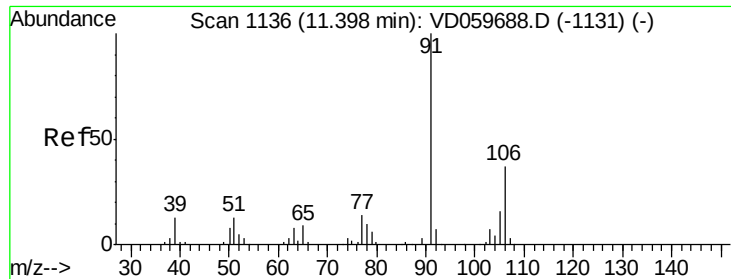
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD059702.D
Acq: 7 Aug 2018 13:55

Tgt Ion: 117 Resp: 114504
Ion Ratio Lower Upper
117 100
82 73.7 47.7 71.5#
119 30.7 26.6 40.0



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

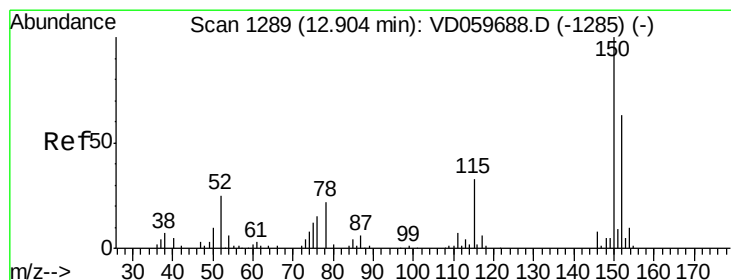
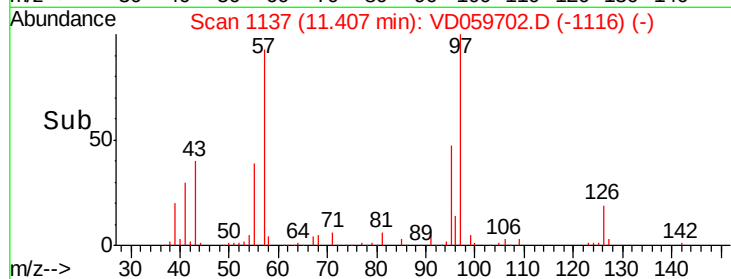
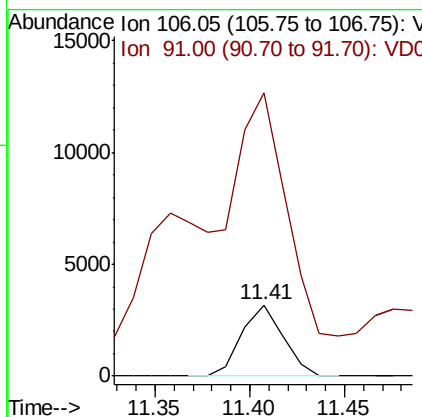
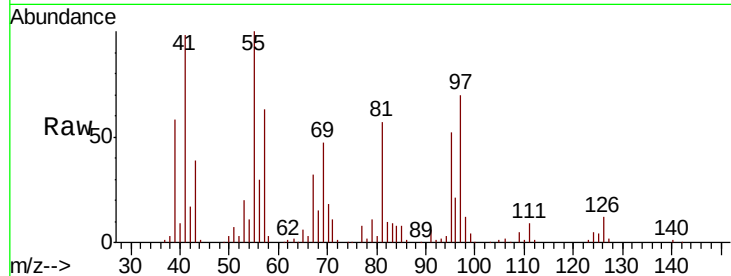




#69
o-Xylene
Concen: 3.59 ug/l
RT: 11.41 min Scan# 1137
Delta R.T. 0.01 min
Lab File: VD059702.D
Acq: 7 Aug 2018 13:55

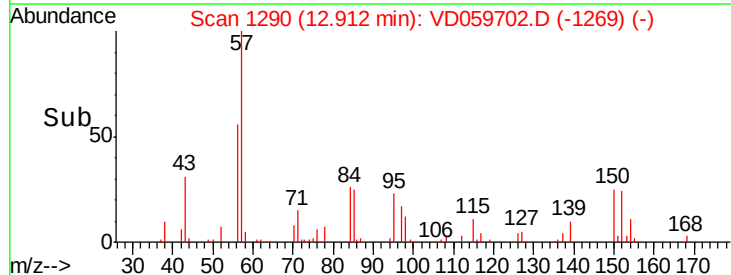
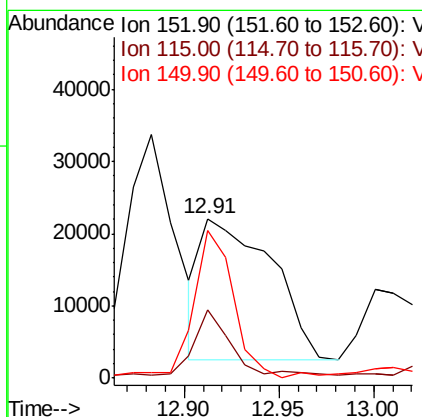
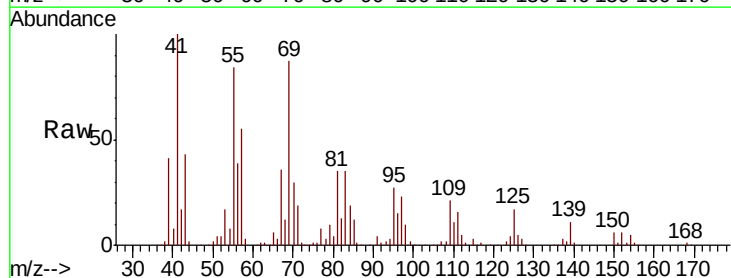
Instrument :
MSVOA_D
ClientSampleID :
TP-6

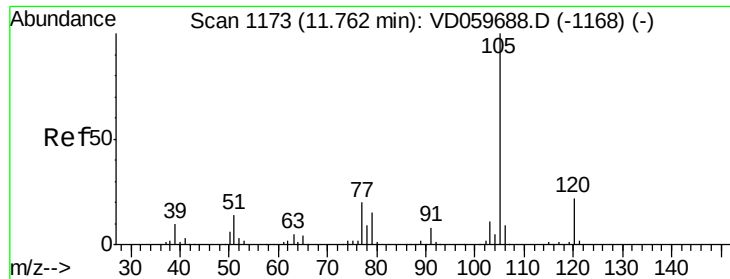
Tot Ion:106 Resp: 4855
Ion Ratio Lower Upper
106 100
91 398.9 135.2 405.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1290
Delta R.T. 0.01 min
Lab File: VD059702.D
Acq: 7 Aug 2018 13:55

Tgt Ion:152 Resp: 50759
Ion Ratio Lower Upper
152 100
115 43.1 28.8 86.4
150 93.0 0.0 318.0





#73

Isopropylbenzene

Concen: 5.34 ug/l

RT: 11.78 min Scan# 1175

Delta R.T. 0.02 min

Lab File: VD059702.D

Acq: 7 Aug 2018 13:55

Instrument :

MSVOA_D

ClientSampleId :

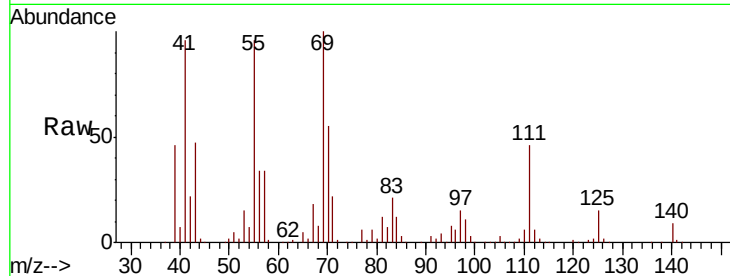
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Tot Ion:105 Resp: 18204

Ion Ratio Lower Upper

105 100

120 18.7 10.8 32.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

11.78

10000

8000

6000

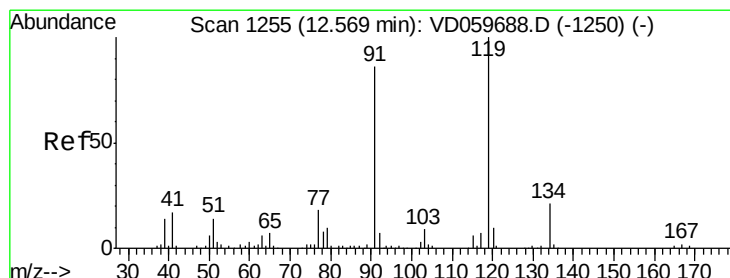
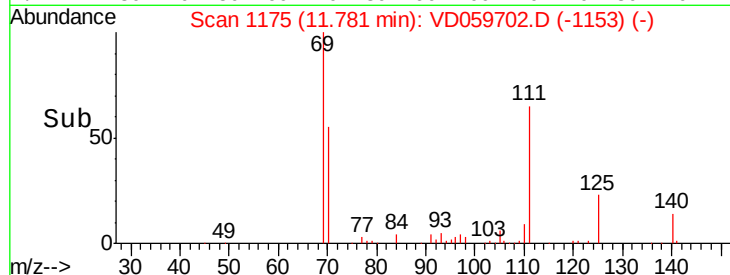
4000

2000

0

Time-->

11.70 11.75 11.80 11.85



#83

tert-Butylbenzene

Concen: 15.66 ug/l

RT: 12.59 min Scan# 1257

Delta R.T. 0.02 min

Lab File: VD059702.D

Acq: 7 Aug 2018 13:55

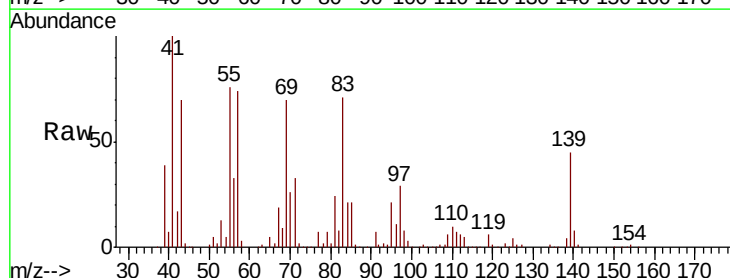
Tgt Ion:119 Resp: 49798

Ion Ratio Lower Upper

119 100

91 121.5 43.3 129.9

134 22.8 10.5 31.6



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

100000

80000

60000

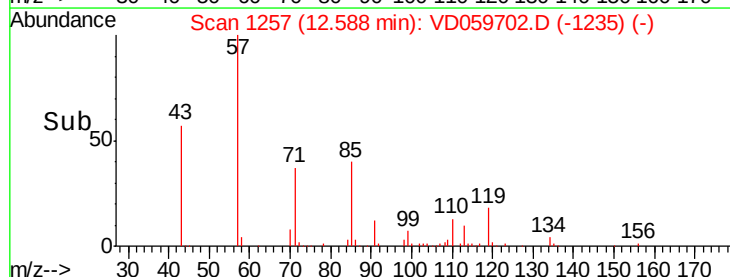
40000

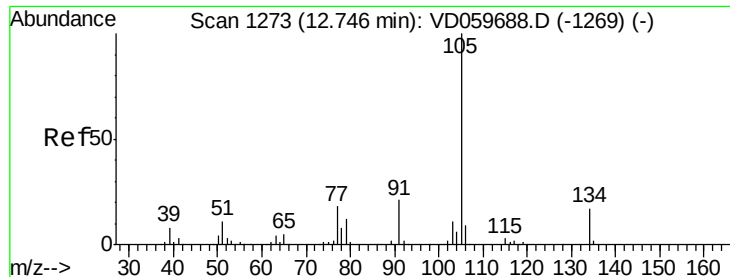
20000

0

Time-->

12.50 12.60 12.70





#85
 sec-Butylbenzene
 Concen: 35.26 ug/l
 RT: 12.76 min Scan# 1275
 Delta R.T. 0.02 min
 Lab File: VD059702.D
 Acq: 7 Aug 2018 13:55

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	8.3	24.9

