

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111418\
 Data File : VD060378.D
 Acq On : 14 Nov 2018 14:41
 Operator : JC/SY
 Sample : J5925-13
 Misc : 10.84g/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6S1

Quant Time: Nov 14 16:35:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	242431	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	452979	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.26	117	385611	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	155328	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.76	65	178685	102.94	ug/l	-0.04
Spiked Amount			Recovery	=	205.88%	
35) Dibromofluoromethane	6.30	113	171726	50.84	ug/l	-0.04
Spiked Amount			Recovery	=	101.68%	
50) Toluene-d8	9.42	98	346135	35.01	ug/l	-0.04
Spiked Amount			Recovery	=	70.02%	
62) 4-Bromofluorobenzene	12.41	95	130365	36.39	ug/l	-0.03
Spiked Amount			Recovery	=	72.78%	

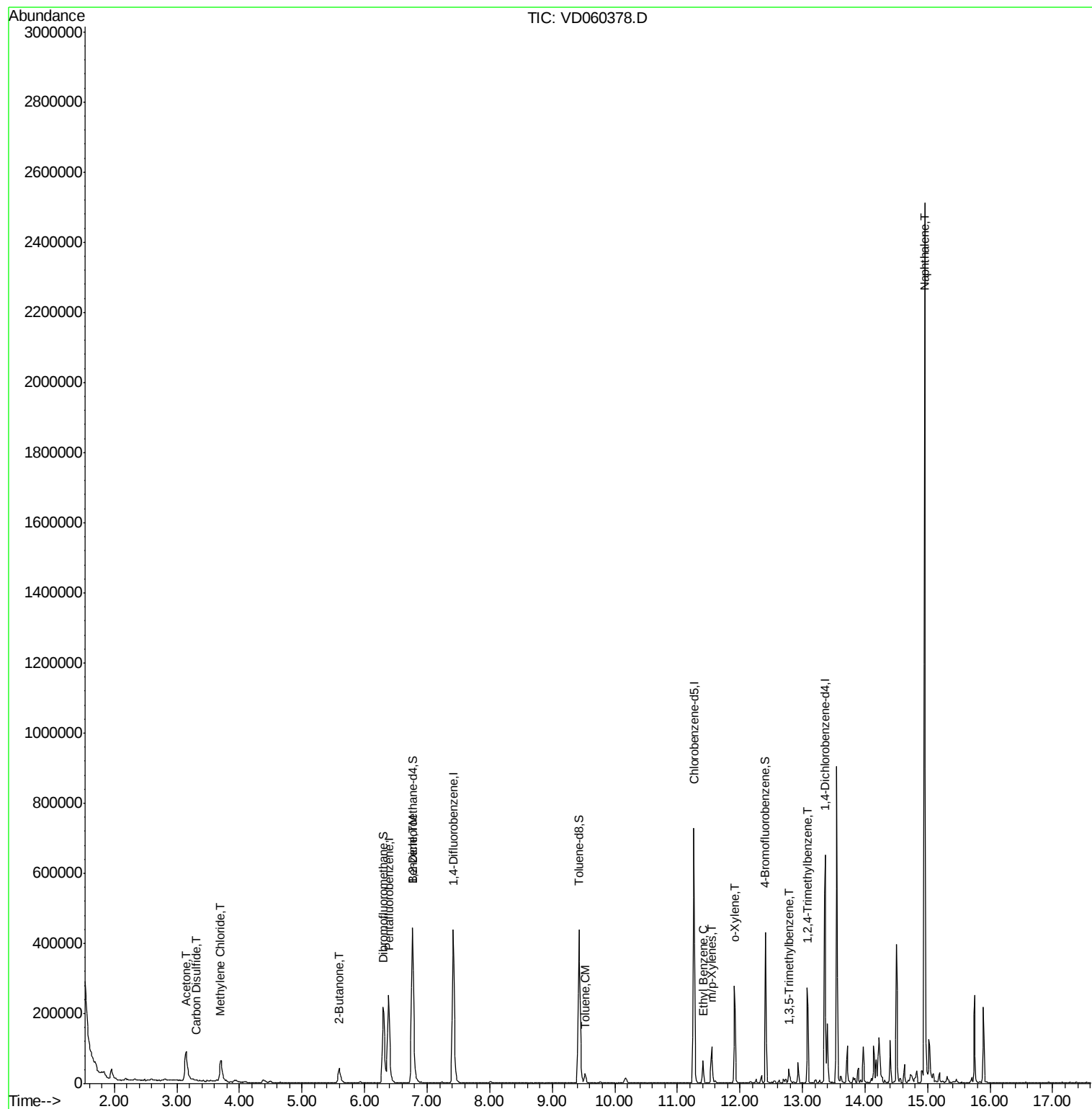
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.15	43	185459	615.94	ug/l	99
17) Carbon Disulfide	3.30	76	4026	1.05	ug/l	# 68
20) Methylene Chloride	3.71	84	40149	15.03	ug/l	99
25) 2-Butanone	5.60	43	83552	133.50	ug/l	96
40) Benzene	6.77	78	293870	25.72	ug/l	98
52) Toluene	9.52	92	13586	1.86	ug/l	97
67) Ethyl Benzene	11.41	91	45371	3.17	ug/l	94
68) m/p-Xylenes	11.55	106	28841	5.47	ug/l	85
69) o-Xylene	11.91	106	63503	12.47	ug/l	89
80) 1,3,5-Trimethylbenzene	12.78	105	17495	1.99	ug/l	100
84) 1,2,4-Trimethylbenzene	13.08	105	125240	14.26	ug/l	99
95) Naphthalene	14.96	128	1417615	333.33	ug/l	99

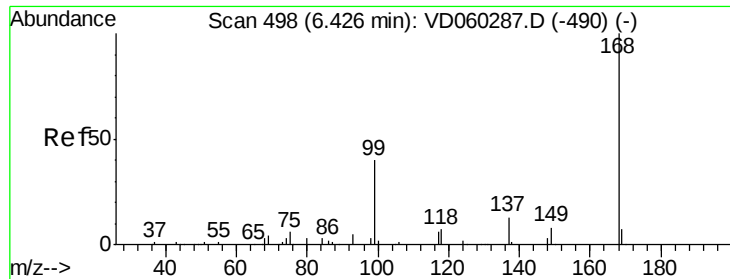
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD111418\
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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060378.D

Acq: 14 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

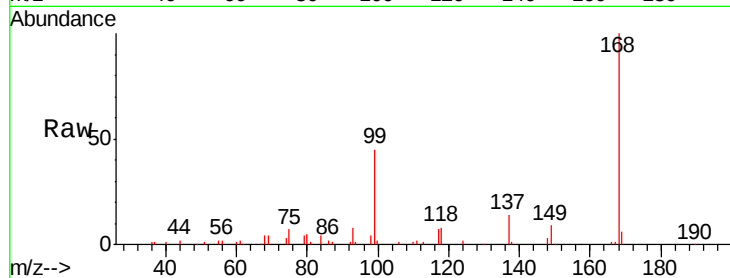
TP-6S1

Tgt Ion:168 Resp: 242431

Ion Ratio Lower Upper

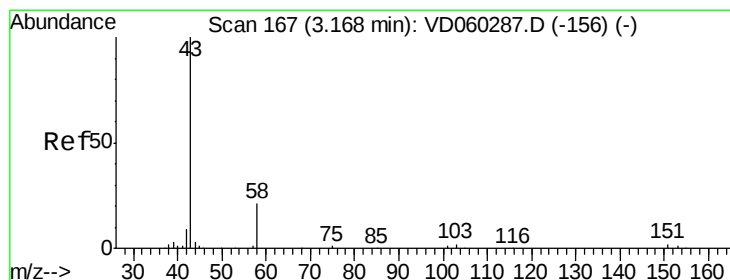
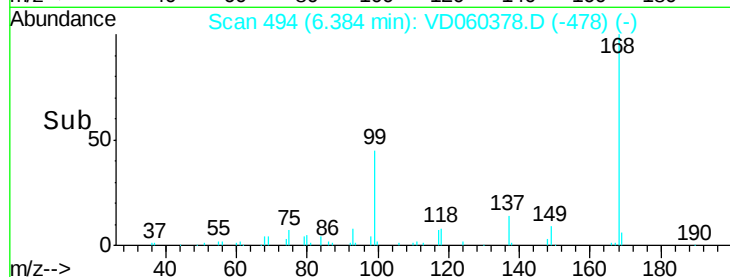
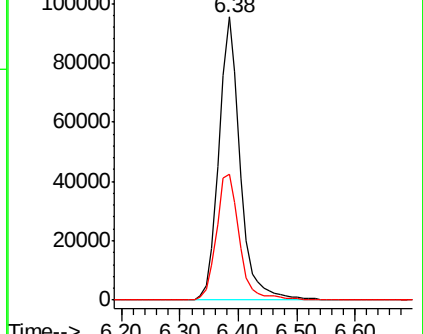
168 100

99 44.6 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 615.94 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD060378.D

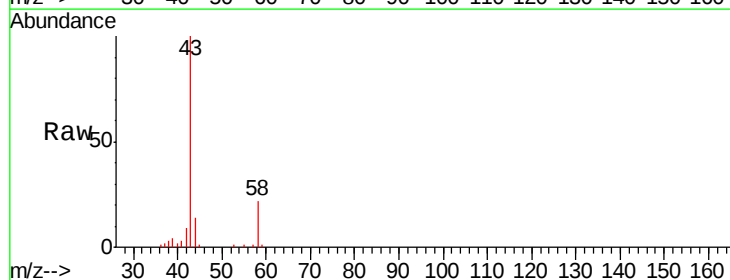
Acq: 14 Nov 2018 14:41

Tgt Ion: 43 Resp: 185459

Ion Ratio Lower Upper

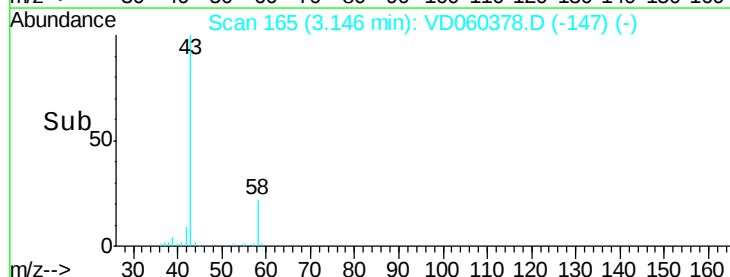
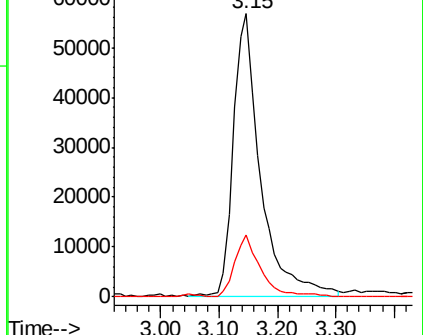
43 100

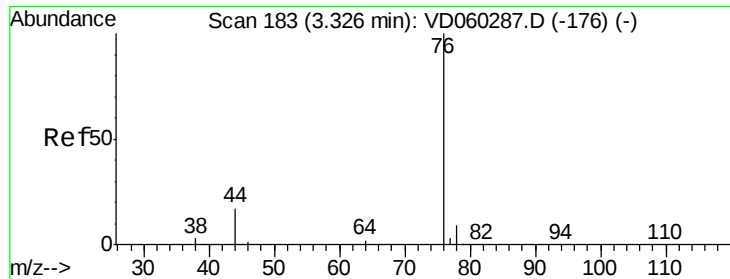
58 21.8 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

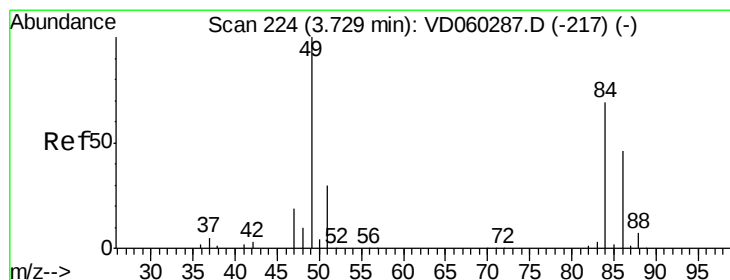
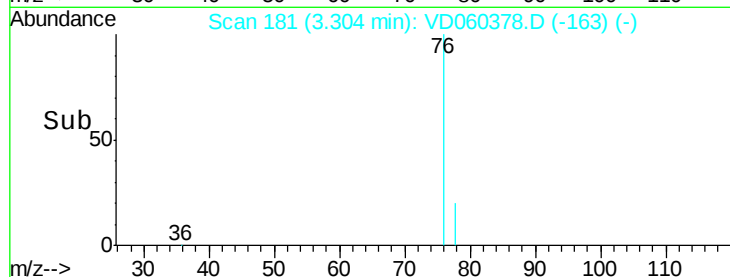
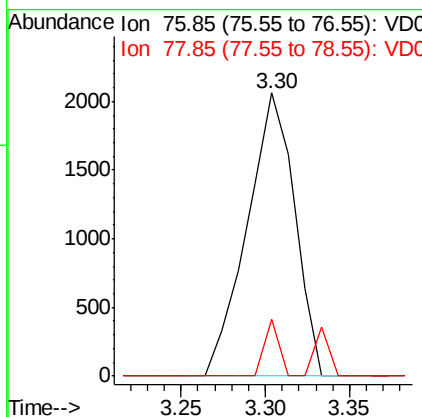
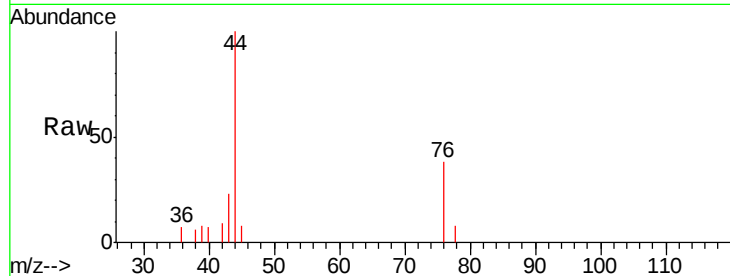




#17
Carbon Disulfide
Concen: 1.05 ug/l
RT: 3.30 min Scan# 181
Delta R.T. -0.02 min
Lab File: VD060378.D
Acq: 14 Nov 2018 14:41

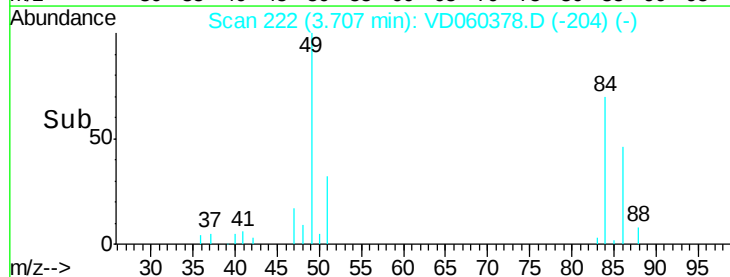
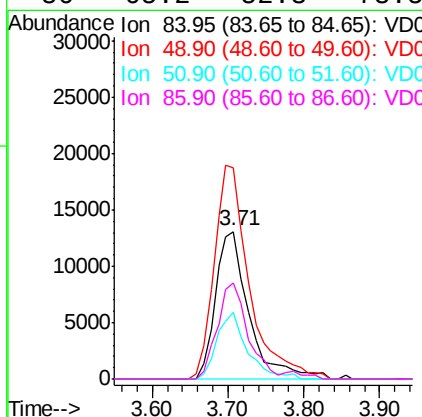
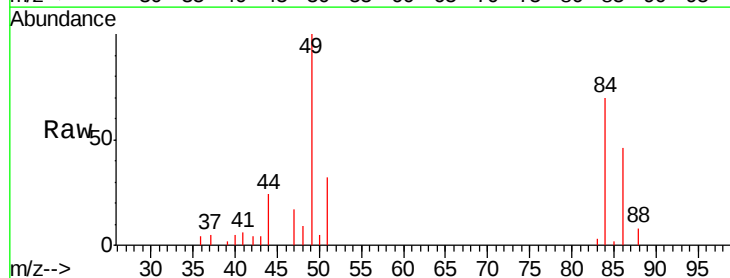
Instrument :
MSVOA_D
ClientSampleId :
TP-6S1

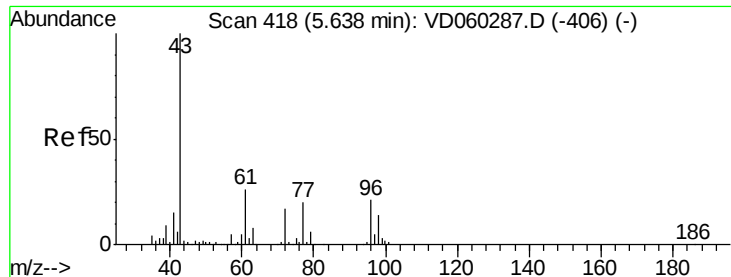
Tgt Ion: 76 Resp: 4026
Ion Ratio Lower Upper
76 100
78 20.1 7.0 10.4#



#20
Methylene Chloride
Concen: 15.03 ug/l
RT: 3.71 min Scan# 222
Delta R.T. -0.02 min
Lab File: VD060378.D
Acq: 14 Nov 2018 14:41

Tgt Ion: 84 Resp: 40149
Ion Ratio Lower Upper
84 100
49 142.8 115.6 173.4
51 45.3 35.6 53.4
86 65.2 52.3 78.5





#25

2-Butanone

Concen: 133.50 ug/l

RT: 5.60 min Scan# 414

Delta R.T. -0.04 min

Lab File: VD060378.D

Acq: 14 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

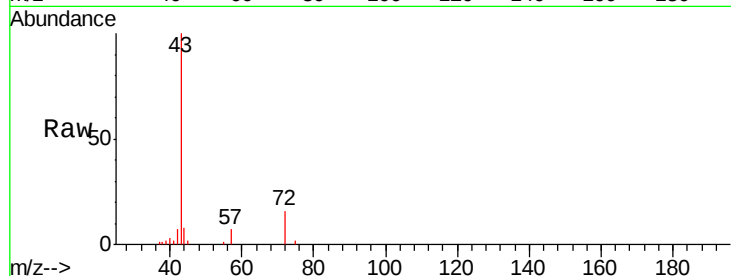
TP-6S1

Tgt Ion: 43 Resp: 83552

Ion Ratio Lower Upper

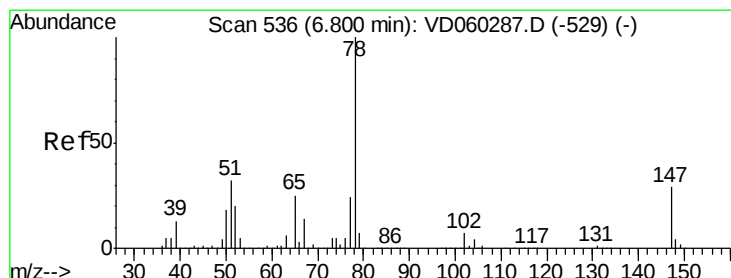
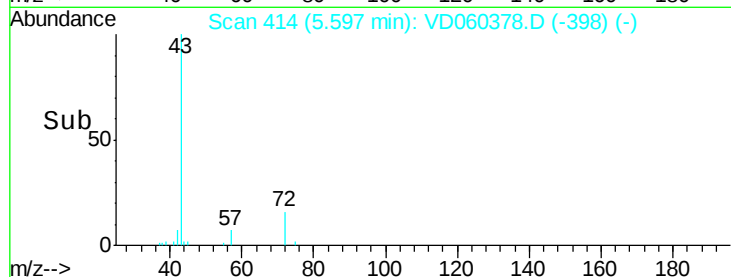
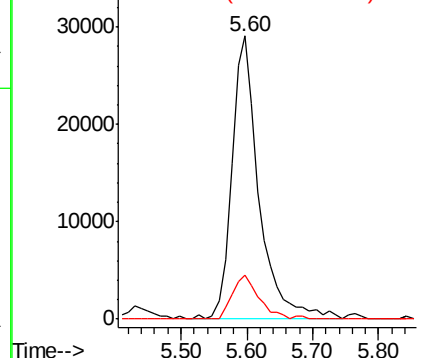
43 100

72 15.6 13.8 20.8



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: 6.76 min Scan# 532

Delta R.T. -0.04 min

Lab File: VD060378.D

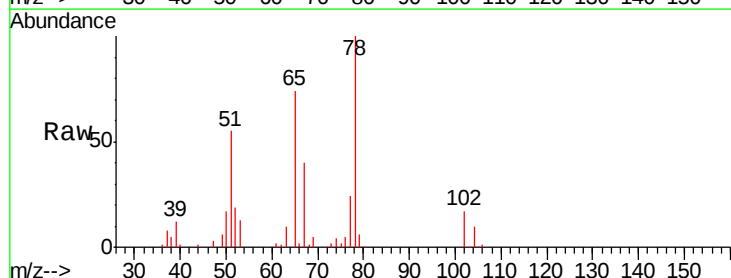
Acq: 14 Nov 2018 14:41

Tgt Ion: 65 Resp: 178685

Ion Ratio Lower Upper

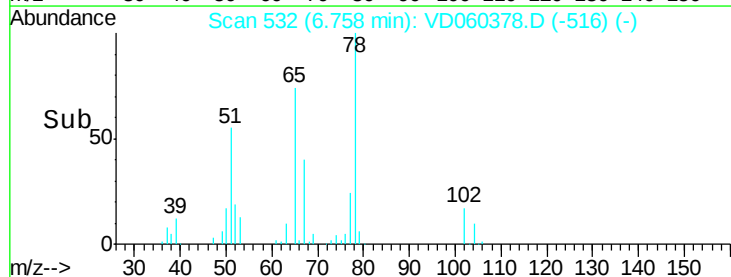
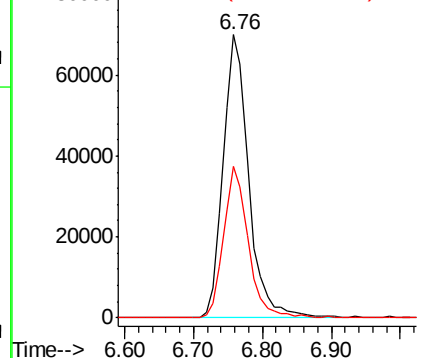
65 100

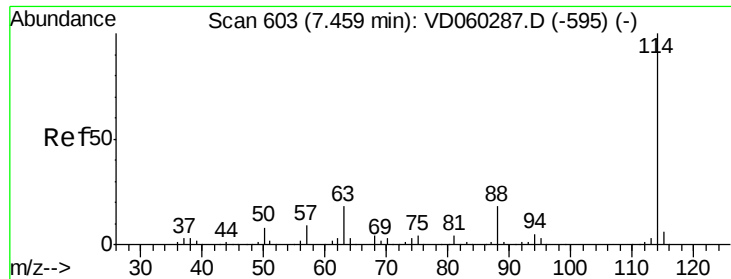
67 53.7 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

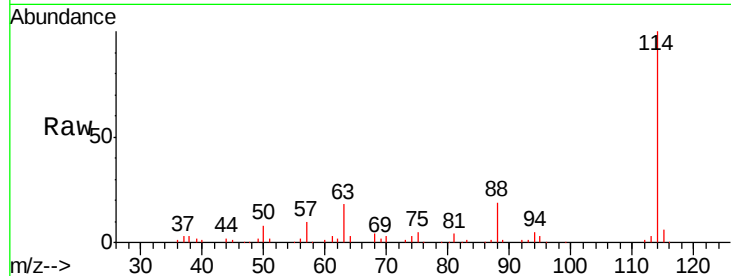




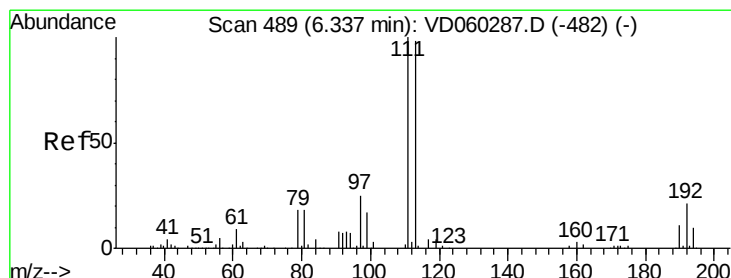
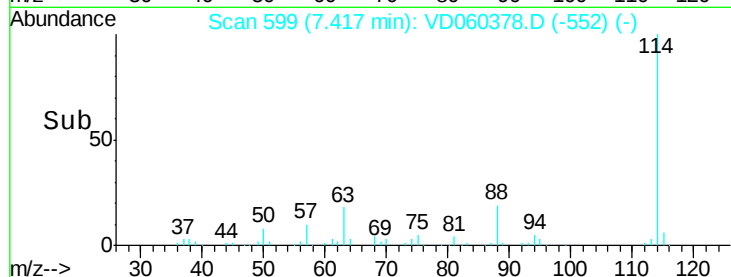
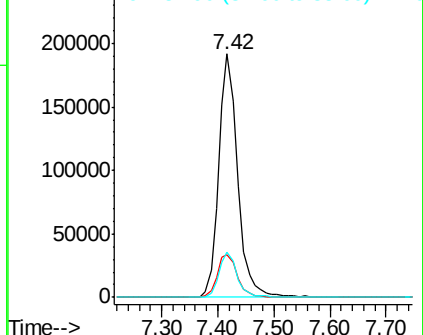
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.04 min
 Lab File: VD060378.D
 Acq: 14 Nov 2018 14:41

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6S1

Tgt Ion:114 Resp: 452979
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.0
 88 18.8 0.0 35.4

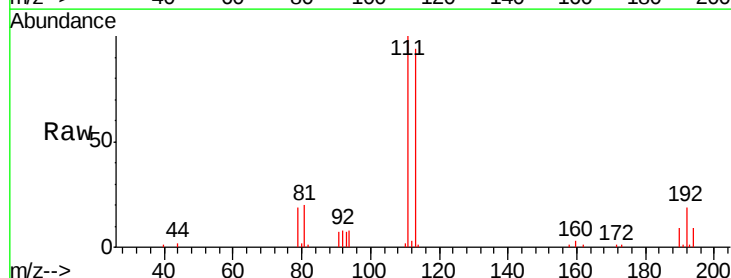


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

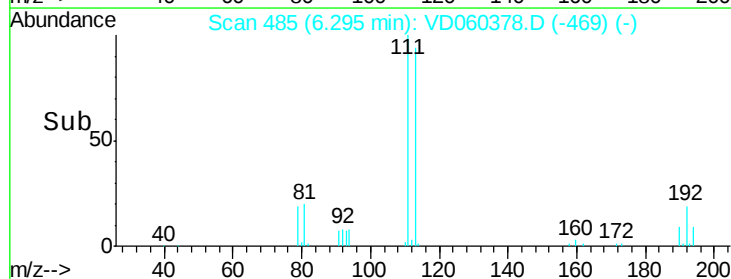
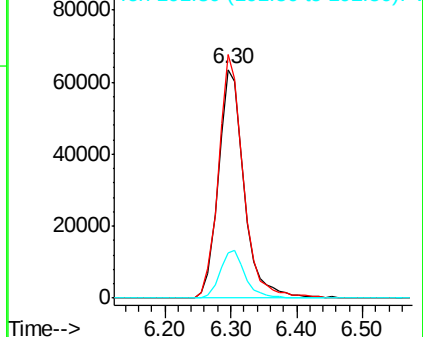


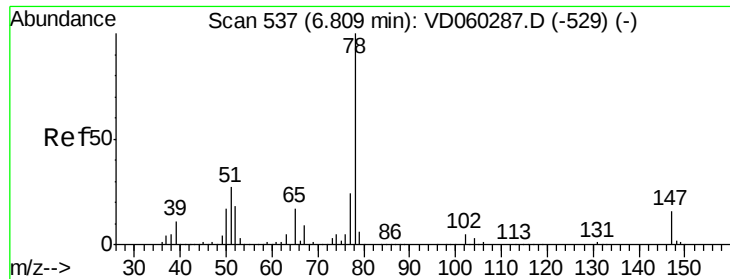
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. -0.04 min
 Lab File: VD060378.D
 Acq: 14 Nov 2018 14:41

Tgt Ion:113 Resp: 171726
 Ion Ratio Lower Upper
 113 100
 111 106.5 81.6 122.4
 192 20.0 16.5 24.7



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





#40

Benzene

Concen: 25.72 ug/l

RT: 6.77 min Scan# 533

Delta R.T. -0.04 min

Lab File: VD060378.D

Acq: 14 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

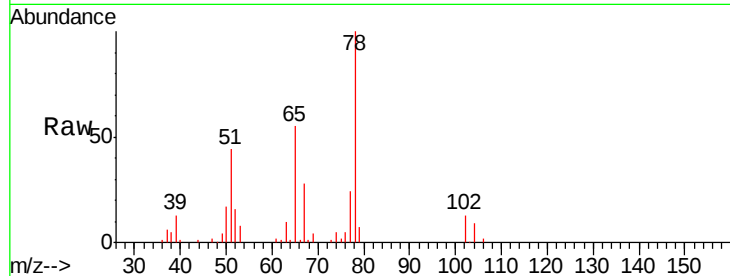
TP-6S1

Tgt Ion: 78 Resp: 293870

Ion Ratio Lower Upper

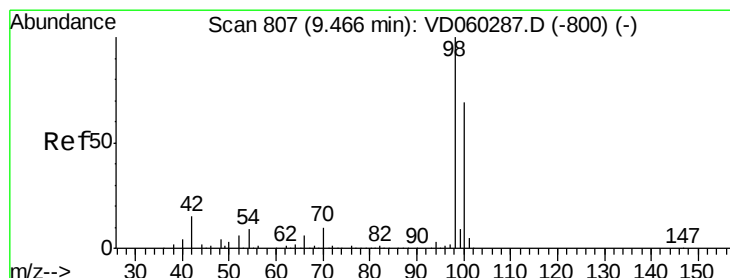
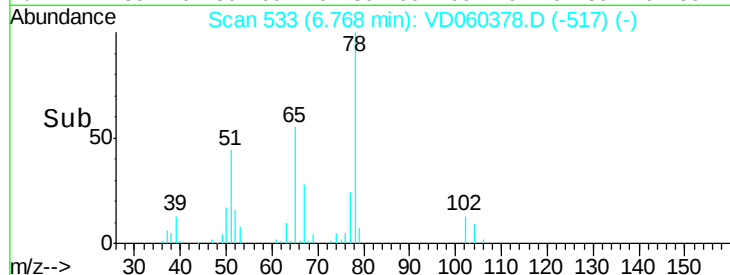
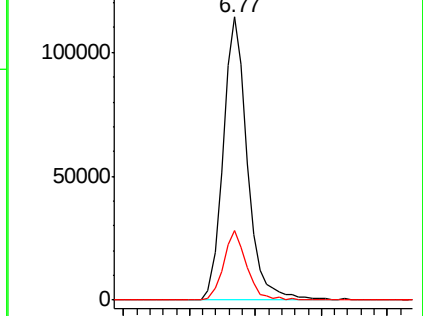
78 100

77 24.4 18.8 28.2



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.42 min Scan# 803

Delta R.T. -0.04 min

Lab File: VD060378.D

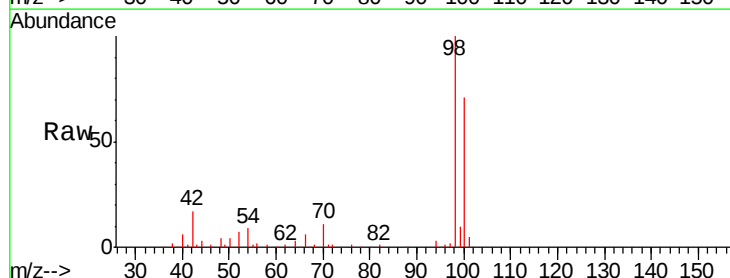
Acq: 14 Nov 2018 14:41

Tgt Ion: 98 Resp: 346135

Ion Ratio Lower Upper

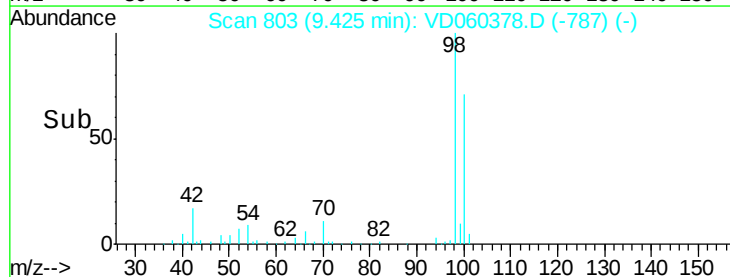
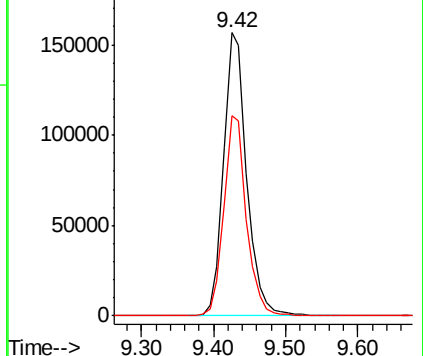
98 100

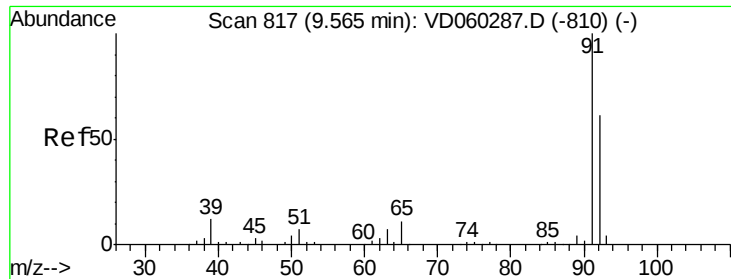
100 70.9 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#52

Toluene

Concen: 1.86 ug/l

RT: 9.52 min Scan# 813

Delta R.T. -0.04 min

Lab File: VD060378.D

Acq: 14 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

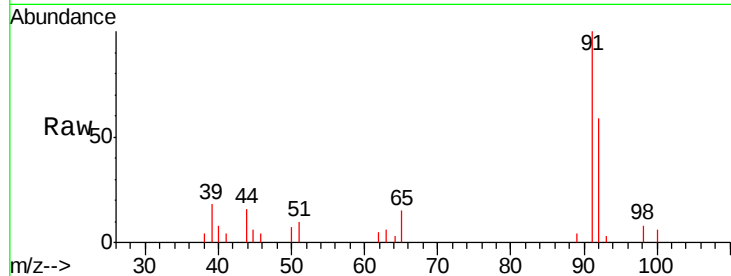
TP-6S1

Tgt Ion: 92 Resp: 13586

Ion Ratio Lower Upper

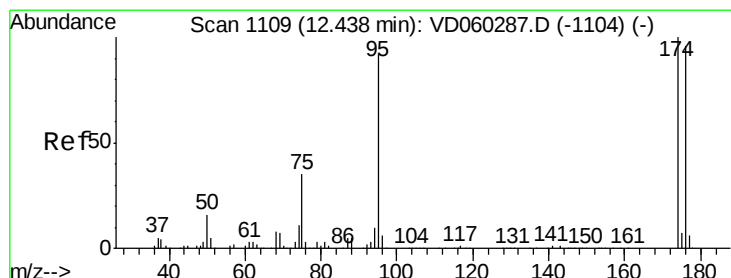
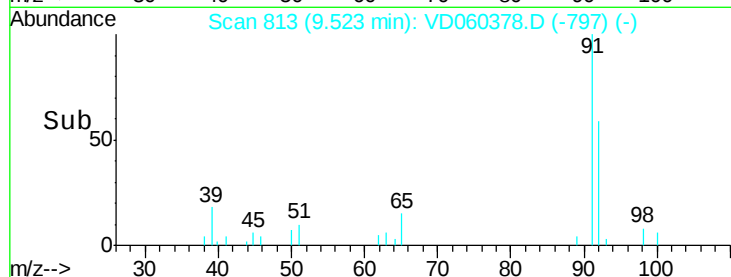
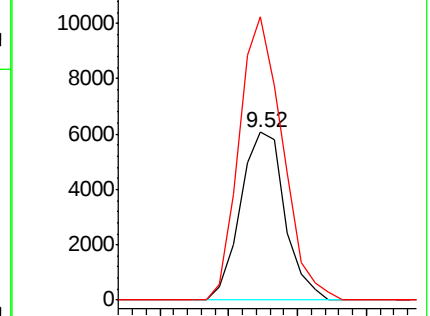
92 100

91 168.6 131.9 197.9



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: 12.41 min Scan# 1106

Delta R.T. -0.03 min

Lab File: VD060378.D

Acq: 14 Nov 2018 14:41

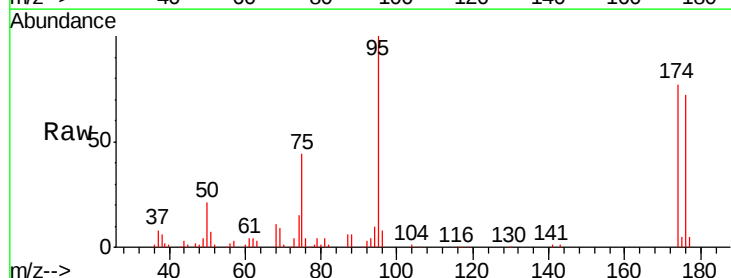
Tgt Ion: 95 Resp: 130365

Ion Ratio Lower Upper

95 100

174 77.0 0.0 160.8

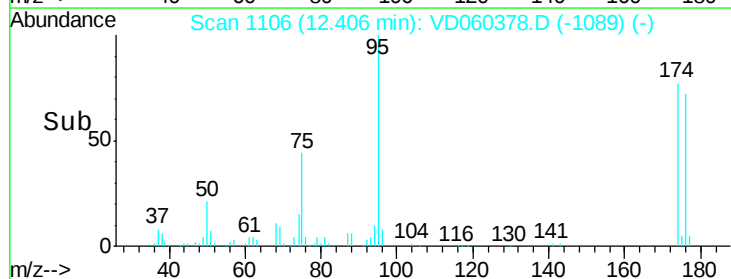
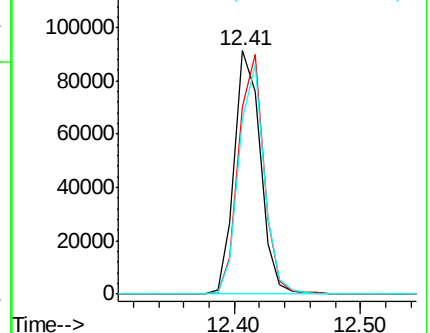
176 71.5 0.0 154.6

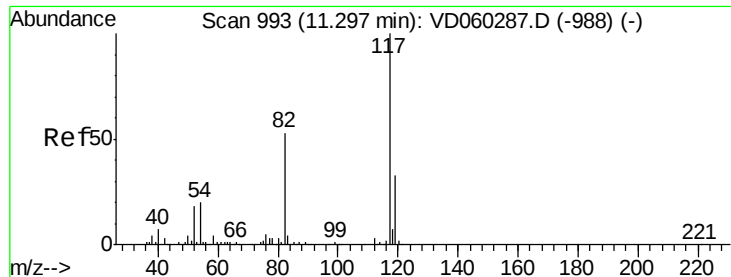


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

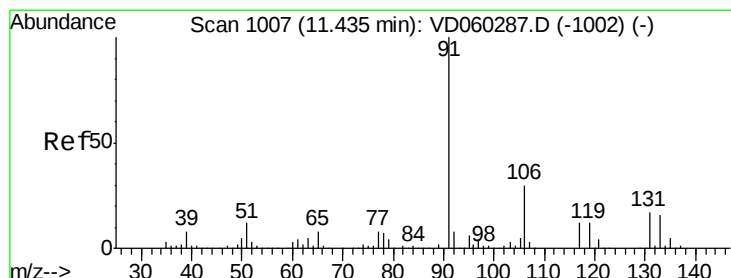
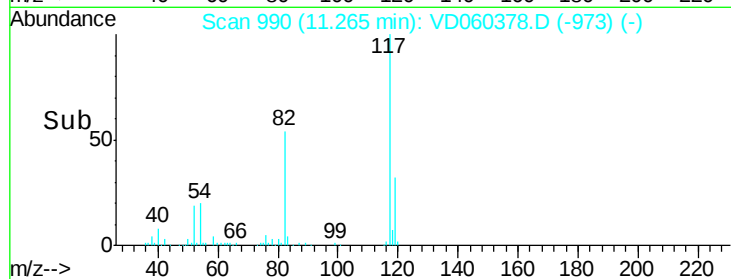
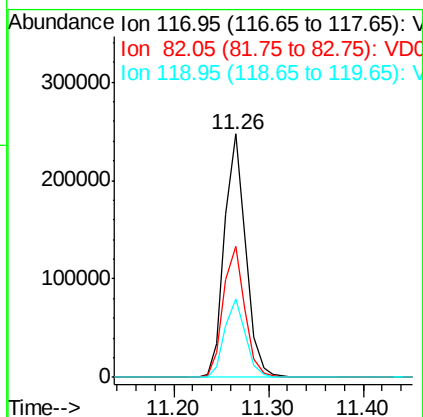
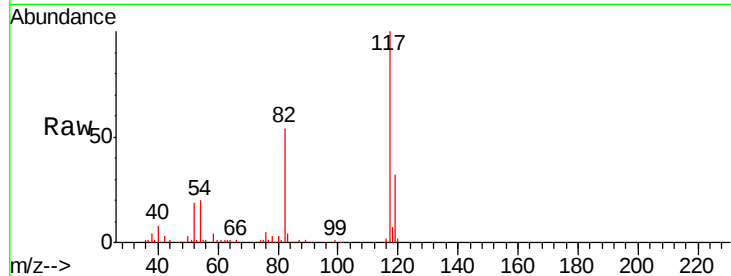




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.26 min Scan# 990
Delta R.T. -0.03 min
Lab File: VD060378.D
Acq: 14 Nov 2018 14:41

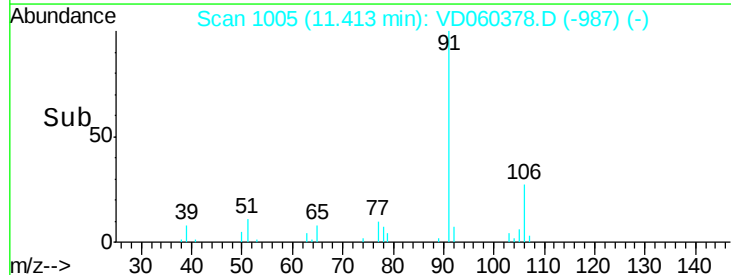
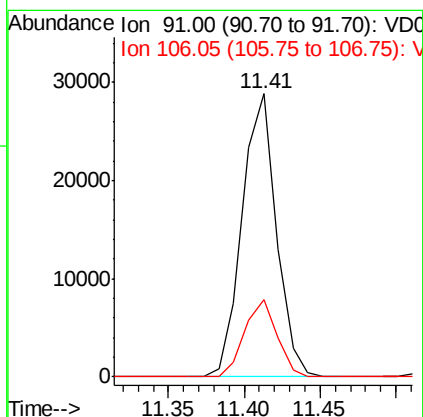
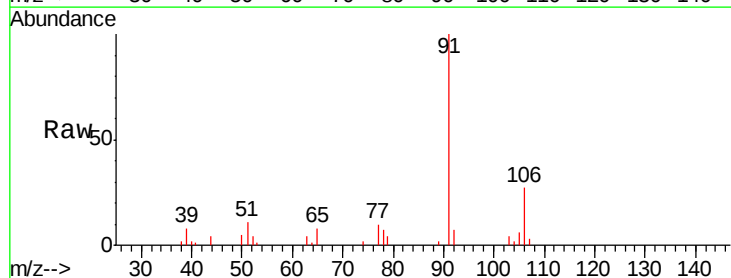
Instrument :
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TP-6S1

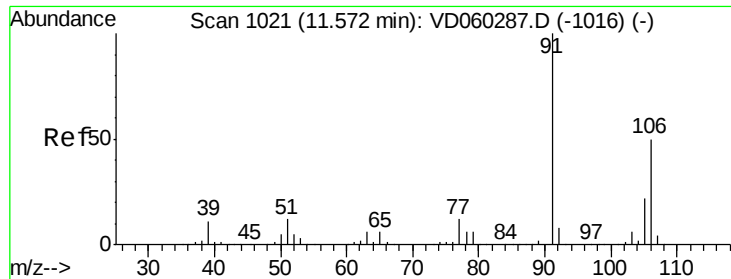
Tgt Ion: 117 Resp: 385611
Ion Ratio Lower Upper
117 100
82 53.7 43.7 65.5
119 32.1 26.1 39.1



#67
Ethyl Benzene
Concen: 3.17 ug/l
RT: 11.41 min Scan# 1005
Delta R.T. -0.02 min
Lab File: VD060378.D
Acq: 14 Nov 2018 14:41

Tgt Ion: 91 Resp: 45371
Ion Ratio Lower Upper
91 100
106 27.4 24.6 36.8

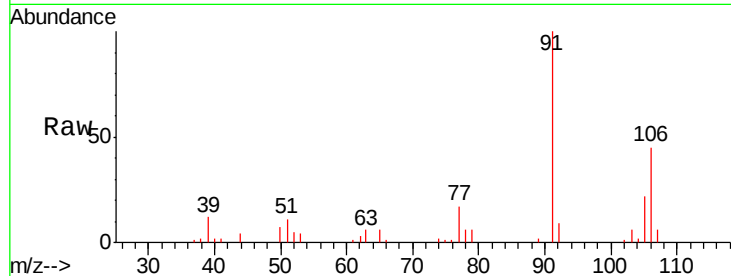




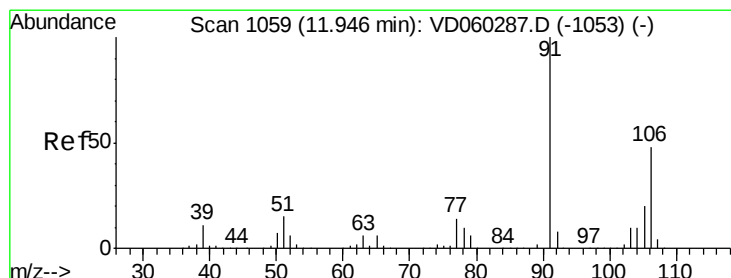
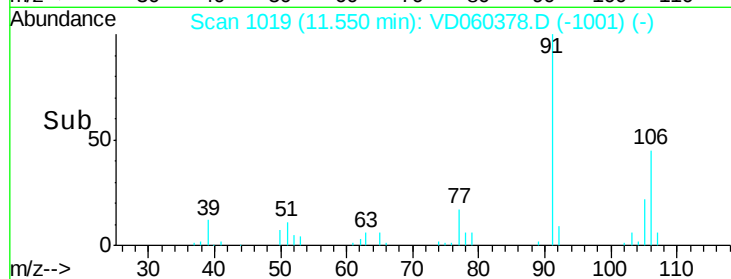
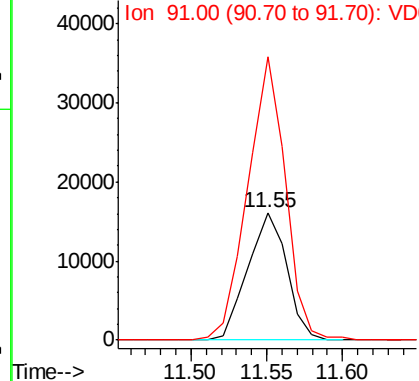
#68
m/p-Xylenes
Concen: 5.47 ug/l
RT: 11.55 min Scan# 1019
Delta R.T. -0.02 min
Lab File: VD060378.D
Acq: 14 Nov 2018 14:41

Instrument :
MSVOA_D
ClientSampleId :
TP-6S1

Tgt Ion:106 Resp: 28841
Ion Ratio Lower Upper
106 100
91 221.6 159.4 239.2

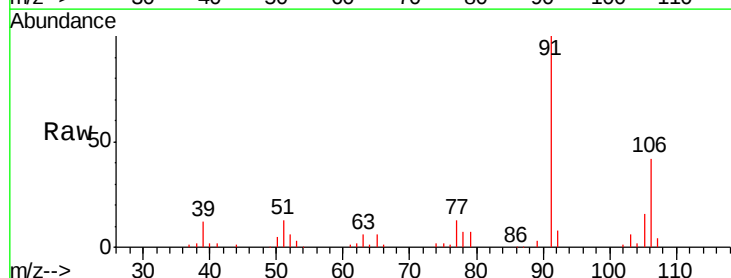


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

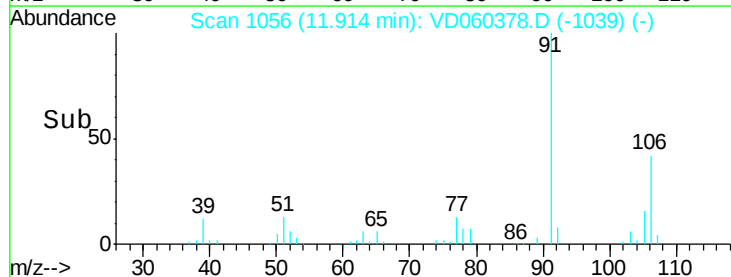
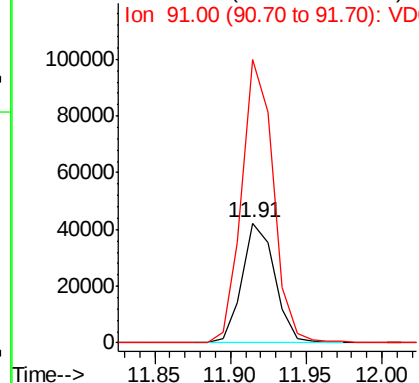


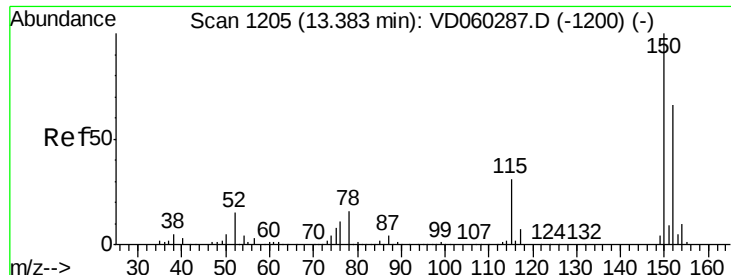
#69
o-Xylene
Concen: 12.47 ug/l
RT: 11.91 min Scan# 1056
Delta R.T. -0.03 min
Lab File: VD060378.D
Acq: 14 Nov 2018 14:41

Tgt Ion:106 Resp: 63503
Ion Ratio Lower Upper
106 100
91 235.7 109.2 327.6



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: 13.36 min Scan# 1203

Delta R.T. -0.02 min

Lab File: VD060378.D

Acq: 14 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

TP-6S1

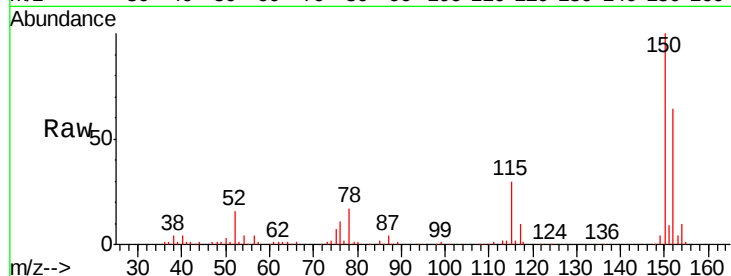
Tgt Ion:152 Resp: 155328

Ion Ratio Lower Upper

152 100

115 47.1 24.1 72.3

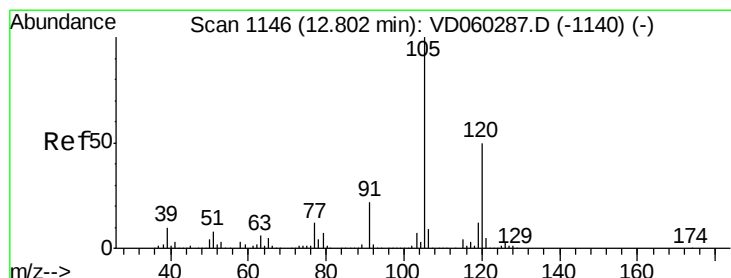
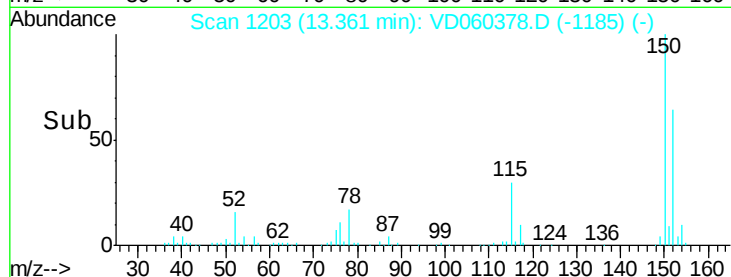
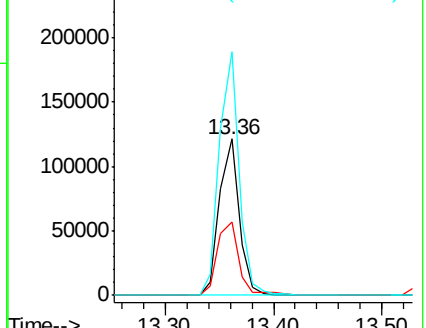
150 155.9 0.0 310.6



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: 1.99 ug/l

RT: 12.78 min Scan# 1144

Delta R.T. -0.02 min

Lab File: VD060378.D

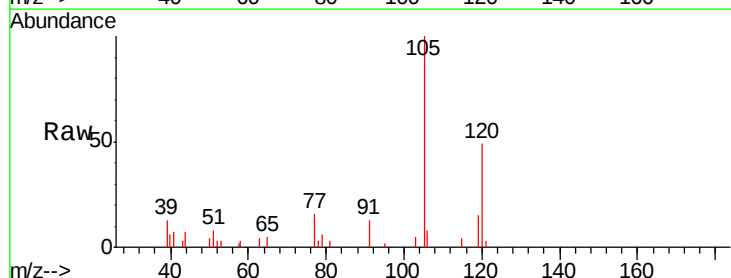
Acq: 14 Nov 2018 14:41

Tgt Ion:105 Resp: 17495

Ion Ratio Lower Upper

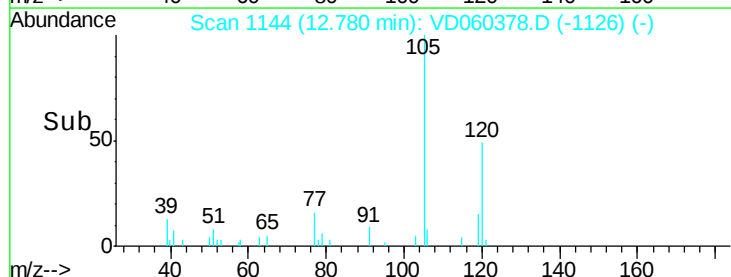
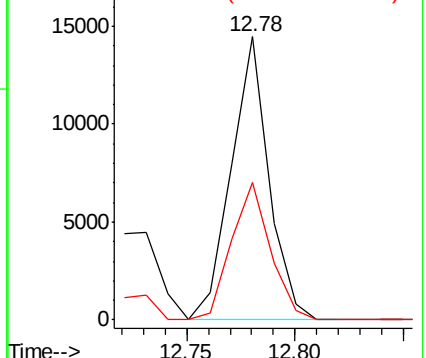
105 100

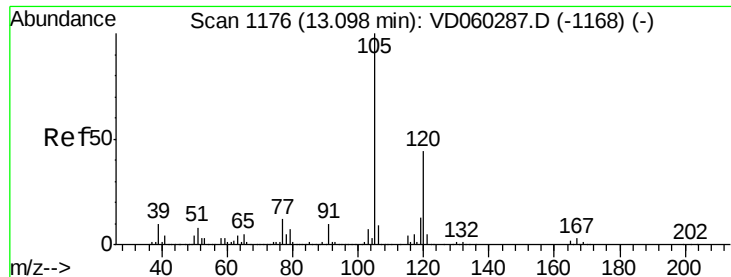
120 48.8 24.4 73.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#84

1,2,4-Trimethylbenzene

Concen: 14.26 ug/l

RT: 13.08 min Scan# 1174

Delta R.T. -0.02 min

Lab File: VD060378.D

Acq: 14 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

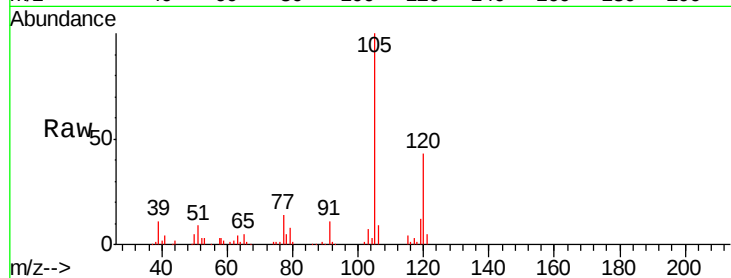
TP-6S1

Tgt Ion:105 Resp: 125240

Ion Ratio Lower Upper

105 100

120 43.2 21.9 65.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.08

100000

80000

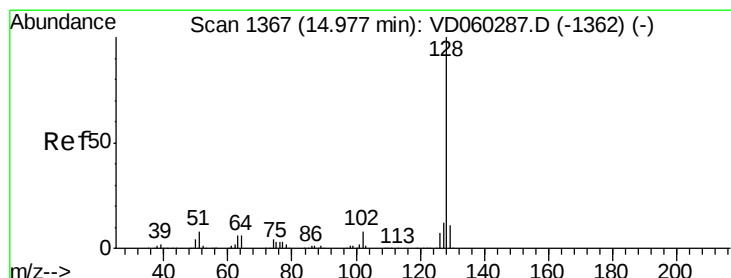
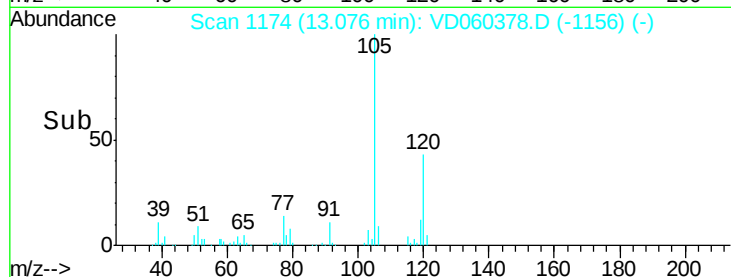
60000

40000

20000

0

Time--> 13.00 13.05 13.10 13.15



#95

Naphthalene

Concen: 333.33 ug/l

RT: 14.96 min Scan# 1365

Delta R.T. -0.02 min

Lab File: VD060378.D

Acq: 14 Nov 2018 14:41

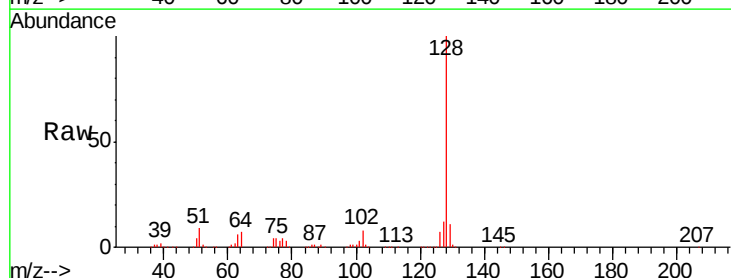
Tgt Ion:128 Resp: 1417615

Ion Ratio Lower Upper

128 100

127 12.3 9.6 14.4

129 11.3 8.6 12.8



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

14.96

1500000

1000000

500000

0

Time--> 14.80 15.00 15.20

