

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102518\
 Data File : VD060207.D
 Acq On : 25 Oct 2018 20:55
 Operator : JC/SY
 Sample : J5204-09
 Misc : 6.77g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-102518-A

Quant Time: Oct 26 04:26:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1384892	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	1963942	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1316775	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	403122	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	629106	59.93	ug/l	0.02
Spiked Amount			Recovery	=	119.86%	
35) Dibromofluoromethane	6.31	113	779530	52.27	ug/l	0.02
Spiked Amount			Recovery	=	104.54%	
50) Toluene-d8	9.45	98	1898467	44.64	ug/l	0.02
Spiked Amount			Recovery	=	89.28%	
62) 4-Bromofluorobenzene	12.43	95	513941	32.28	ug/l	0.00
Spiked Amount			Recovery	=	64.56%	

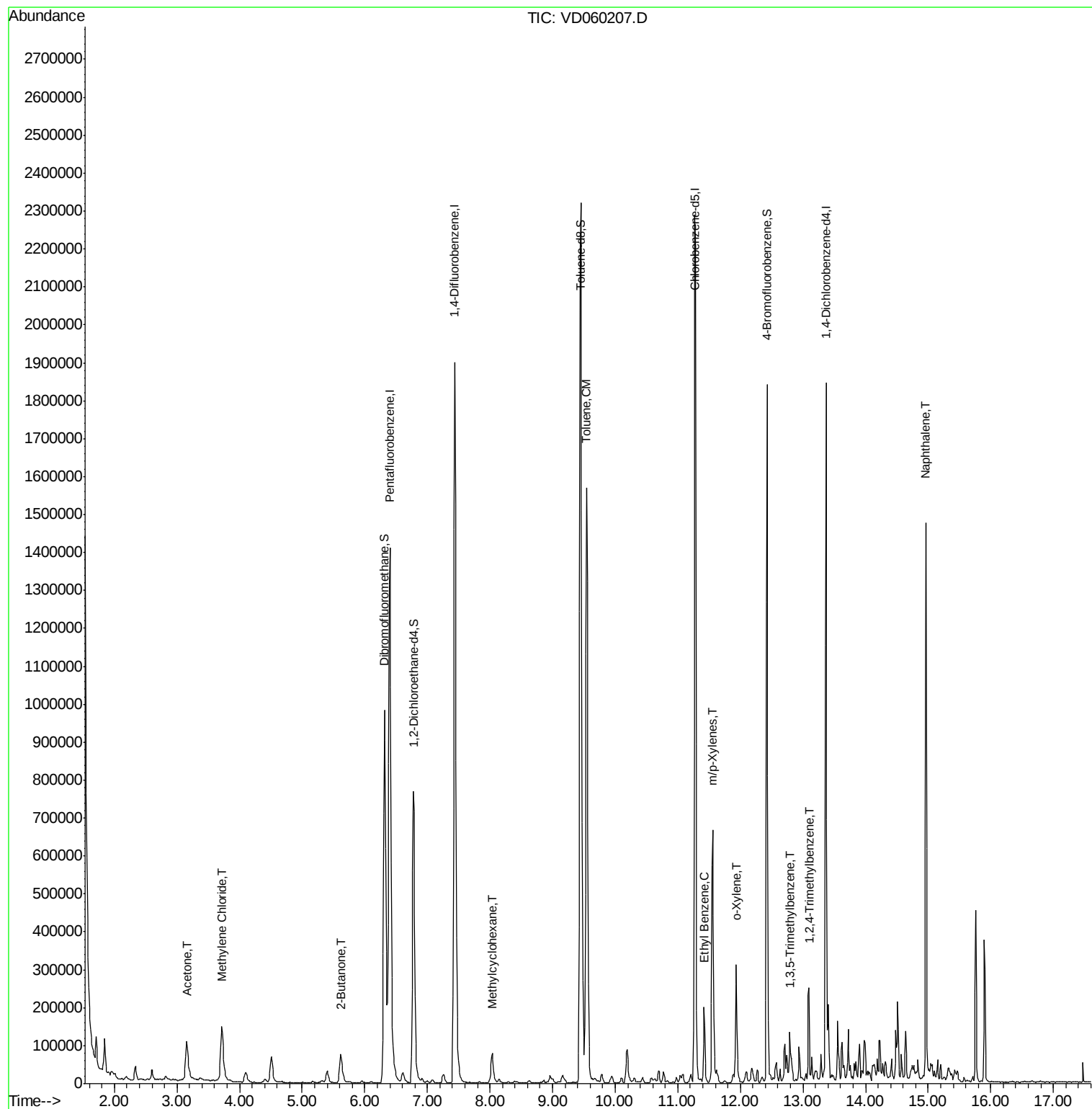
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.16	43	229763	120.620	ug/l	96
20) Methylene Chloride	3.72	84	83138	1.361	ug/l	93
25) 2-Butanone	5.62	43	148609	31.228	ug/l	100
39) Methylcyclohexane	8.04	83	36057	1.691	ug/l	94
52) Toluene	9.54	92	826949	26.152	ug/l	99
67) Ethyl Benzene	11.42	91	134540	2.915	ug/l	99
68) m/p-Xylenes	11.56	106	204629	11.866	ug/l	92
69) o-Xylene	11.93	106	71190	4.174	ug/l	90
80) 1,3,5-Trimethylbenzene	12.79	105	52556	2.553	ug/l	99
84) 1,2,4-Trimethylbenzene	13.09	105	117830	5.432	ug/l	100
95) Naphthalene	14.96	128	817887	57.419	ug/l	99

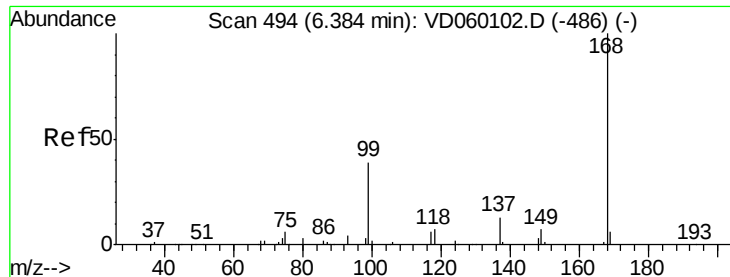
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102518\
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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060207.D

Acq: 25 Oct 2018 20:55

Instrument :

MSVOA_D

ClientSampleId :

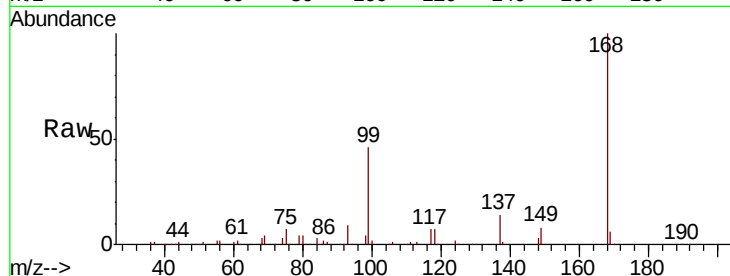
SU-02-102518-A

Tot Ion:168 Resp: 1384892

Ion Ratio Lower Upper

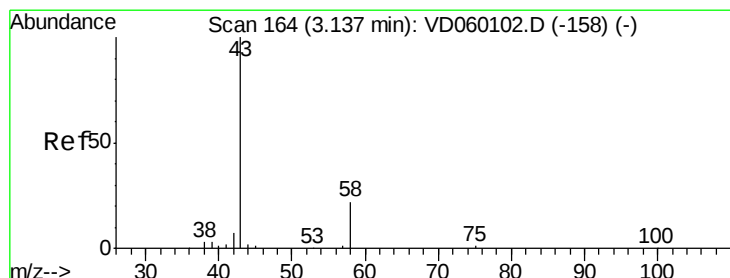
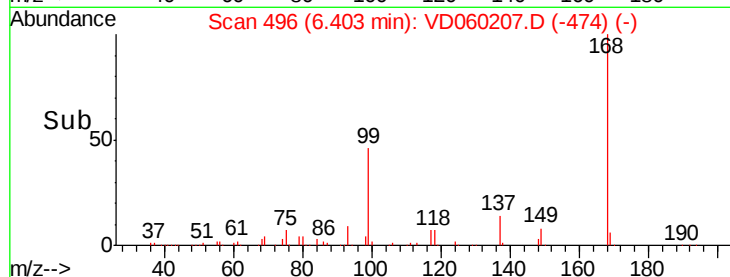
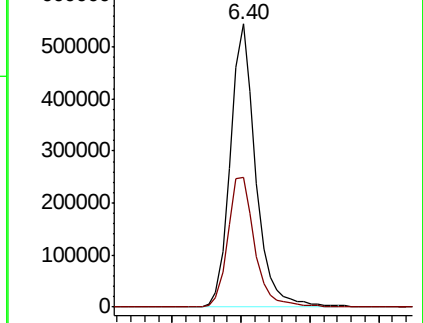
168 100

99 46.1 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 120.620 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060207.D

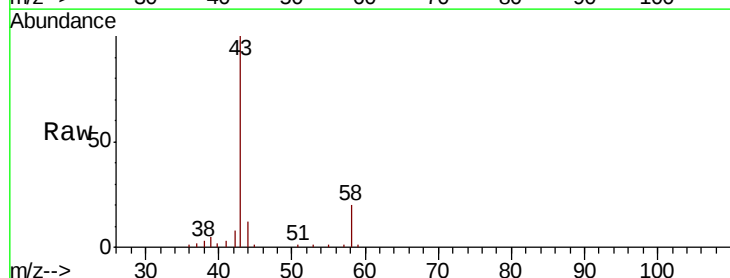
Acq: 25 Oct 2018 20:55

Tgt Ion: 43 Resp: 229763

Ion Ratio Lower Upper

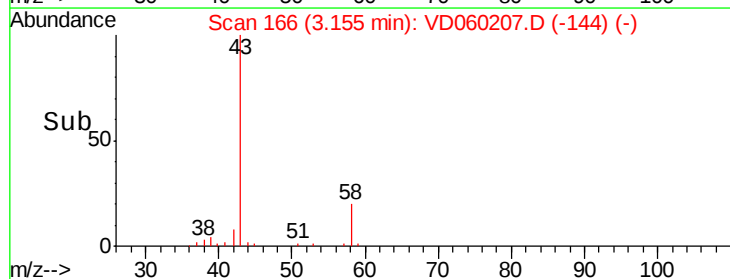
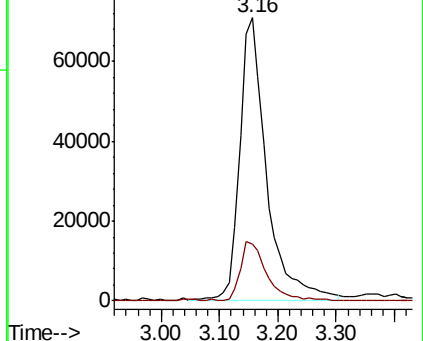
43 100

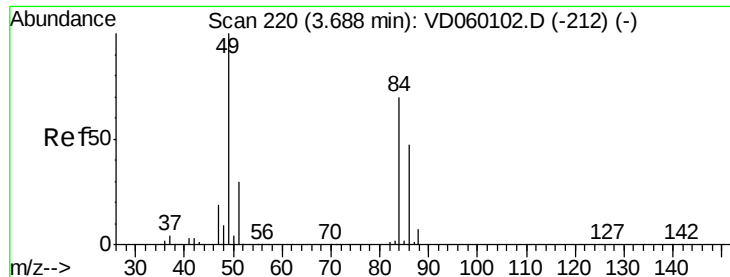
58 20.2 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

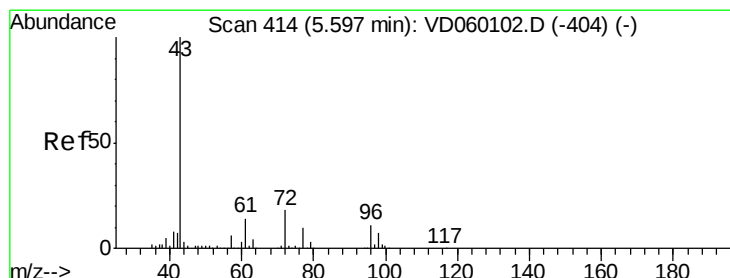
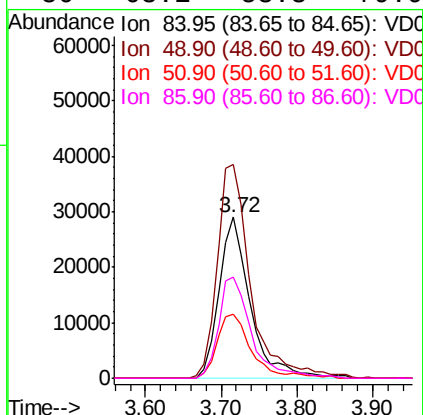
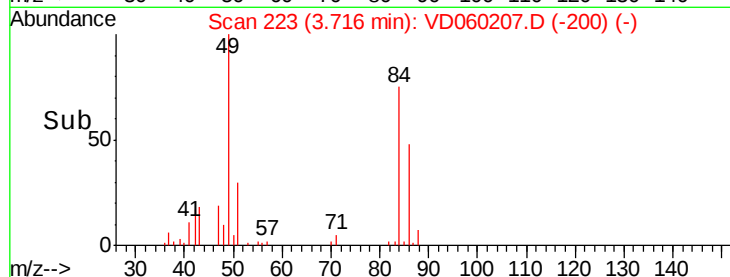
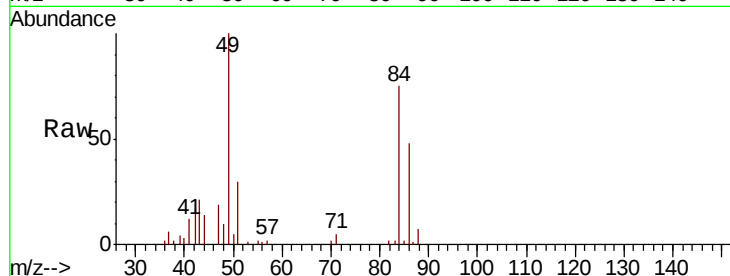




#20
Methvlene Chloride
Concen: 1.361 ug/l
RT: 3.72 min Scan# 223
Delta R.T. 0.03 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

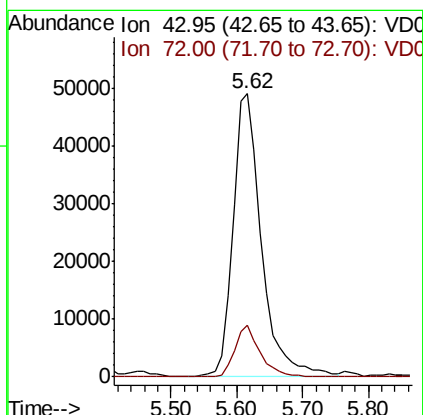
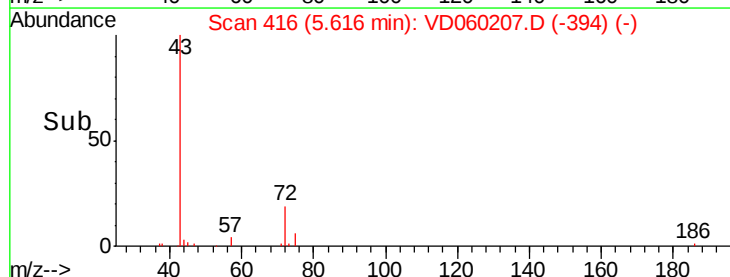
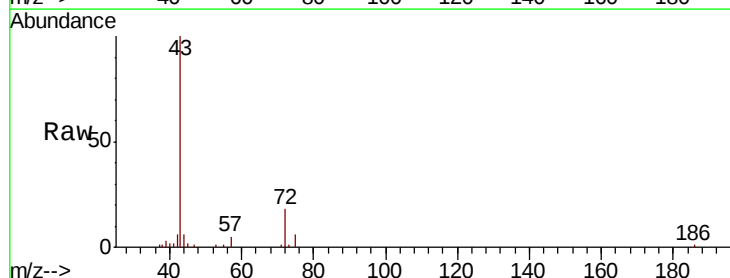
Instrument :
MSVOA_D
ClientSampleId :
SU-02-102518-A

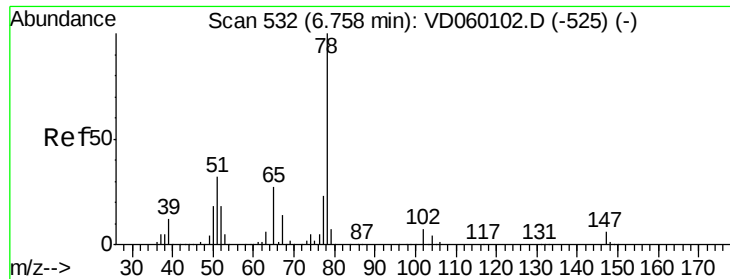
Tot Ion:	84	Resp:	83138
Ion	Ratio	Lower	Upper
84	100		
49	132.8	114.6	172.0
51	40.2	33.8	50.8
86	63.1	53.3	79.9



#25
2-Butanone
Concen: 31.228 ug/l
RT: 5.62 min Scan# 416
Delta R.T. 0.02 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion:	43	Resp:	148609
Ion	Ratio	Lower	Upper
43	100		
72	18.2	14.5	21.7





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.02 min

Lab File: VD060207.D

Acq: 25 Oct 2018 20:55

Instrument :

MSVOA_D

ClientSampleId :

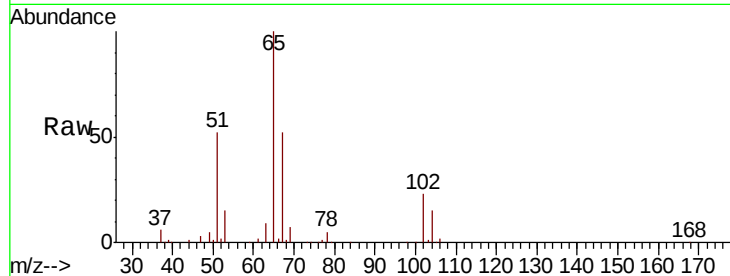
SU-02-102518-A

Tot Ion: 65 Resp: 629106

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

250000

200000

150000

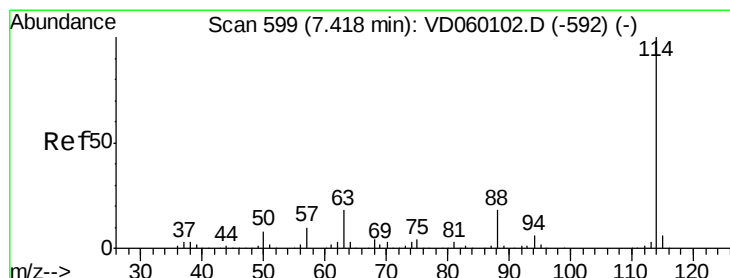
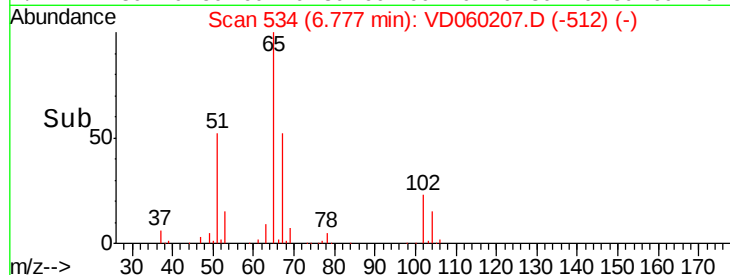
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.44 min Scan# 601

Delta R.T. 0.02 min

Lab File: VD060207.D

Acq: 25 Oct 2018 20:55

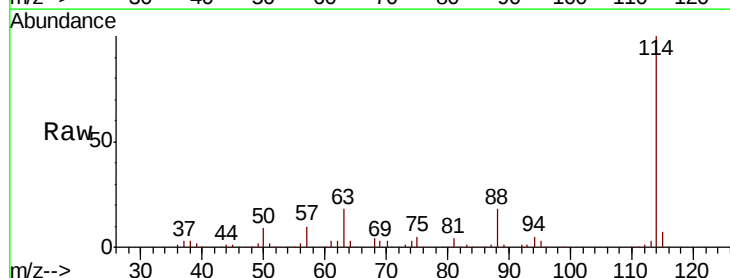
Tgt Ion: 114 Resp: 1963942

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.0

88 17.9 0.0 36.2



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

1000000

800000

600000

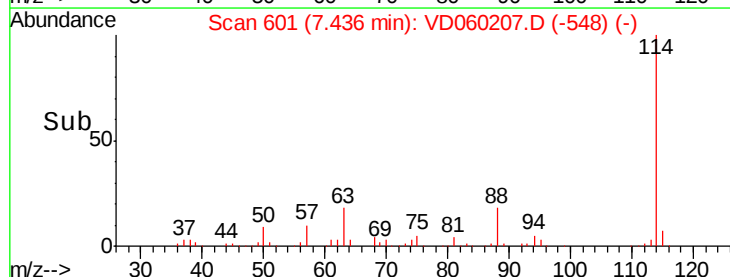
400000

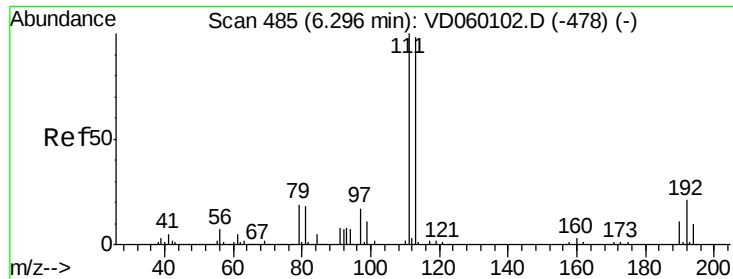
200000

0

7.40 7.60

Time-->

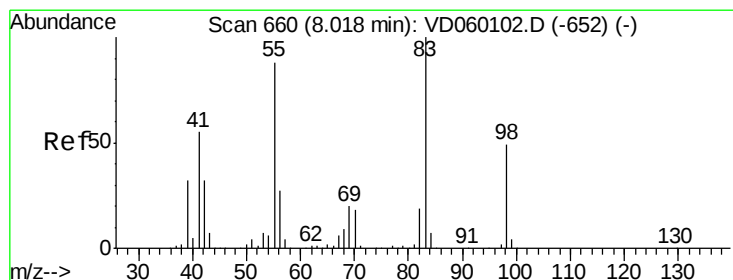
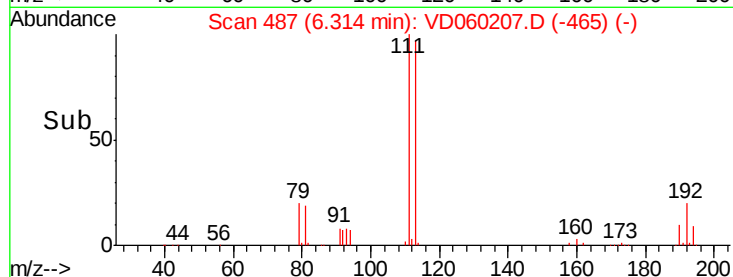
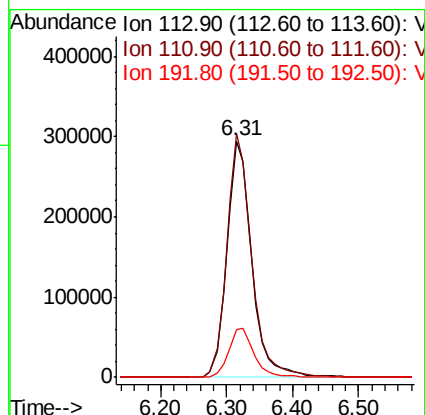
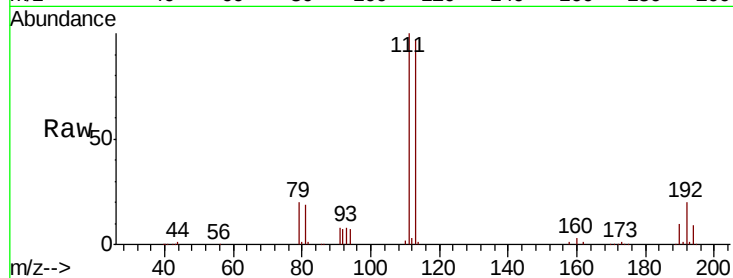




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 487
Delta R.T. 0.02 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

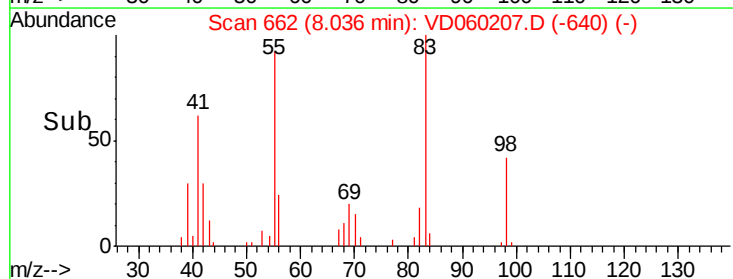
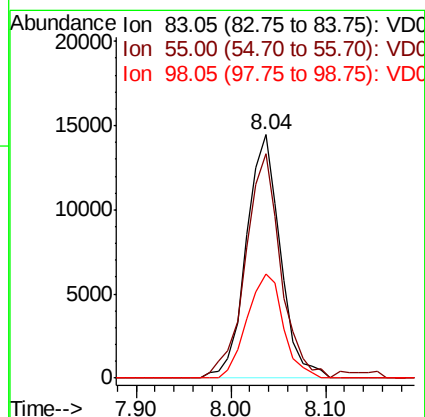
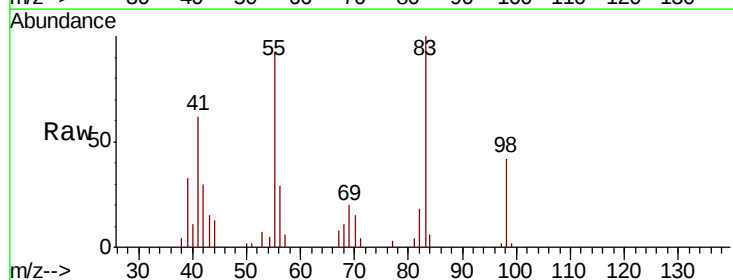
Instrument :
MSVOA_D
ClientSampleId :
SU-02-102518-A

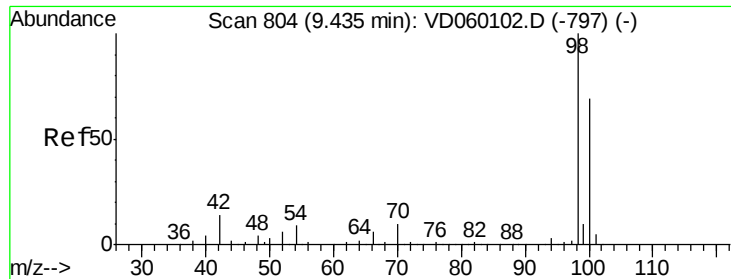
Tot Ion:113 Resp: 779530
Ion Ratio Lower Upper
113 100
111 103.1 81.5 122.3
192 20.2 17.4 26.0



#39
Methylcyclohexane
Concen: 1.691 ug/l
RT: 8.04 min Scan# 662
Delta R.T. 0.02 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion: 83 Resp: 36057
Ion Ratio Lower Upper
83 100
55 92.1 70.5 105.7
98 42.5 39.4 59.2





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 806

Delta R.T. 0.02 min

Lab File: VD060207.D

Acq: 25 Oct 2018 20:55

Instrument :

MSVOA_D

ClientSampleId :

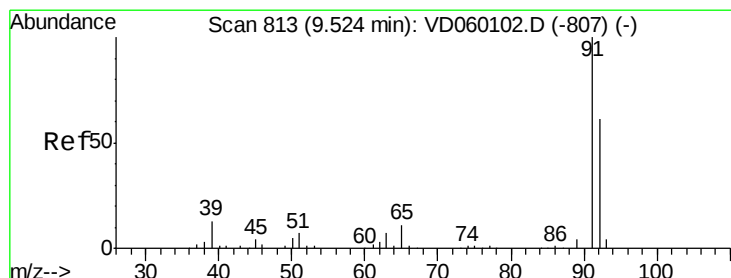
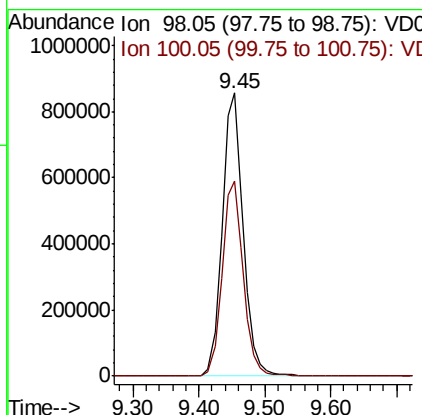
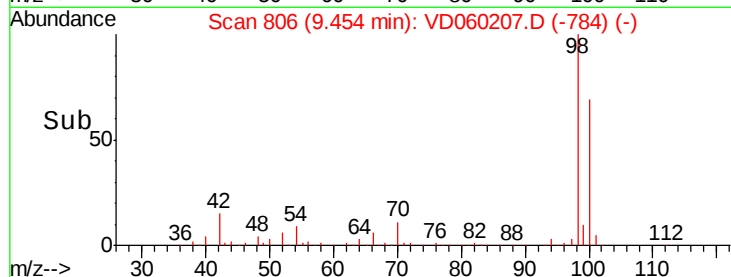
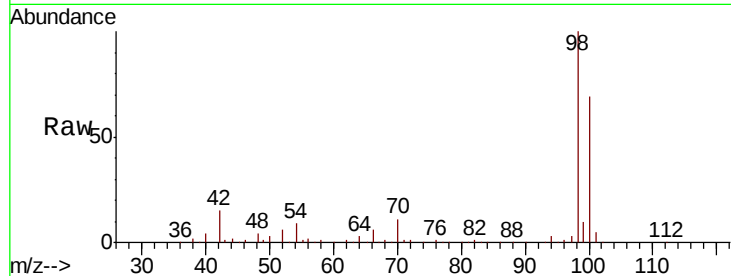
SU-02-102518-A

Tot Ion: 98 Resp: 1898467

Ion Ratio Lower Upper

98 100

100 68.7 55.4 83.0



#52

Toluene

Concen: 26.152 ug/l

RT: 9.54 min Scan# 815

Delta R.T. 0.02 min

Lab File: VD060207.D

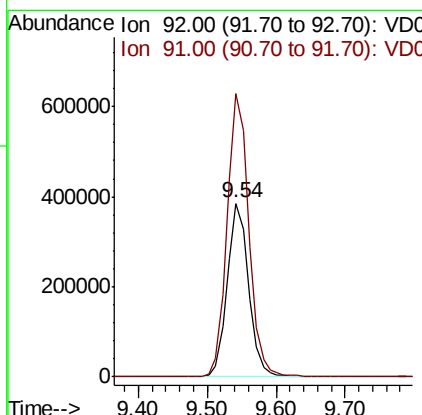
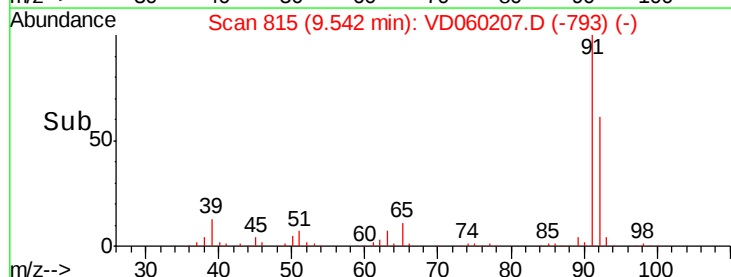
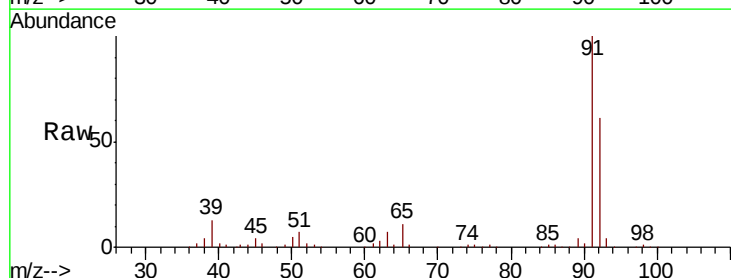
Acq: 25 Oct 2018 20:55

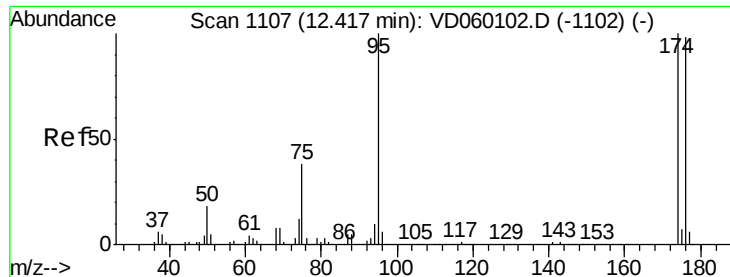
Tgt Ion: 92 Resp: 826949

Ion Ratio Lower Upper

92 100

91 163.0 131.9 197.9

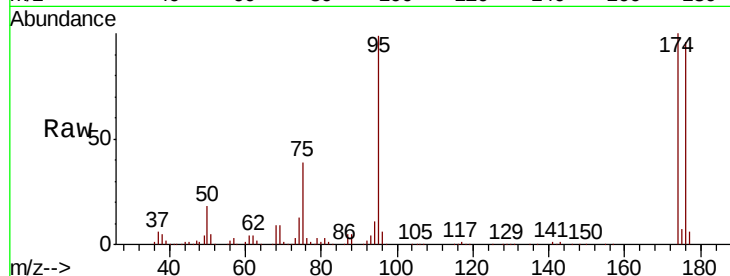




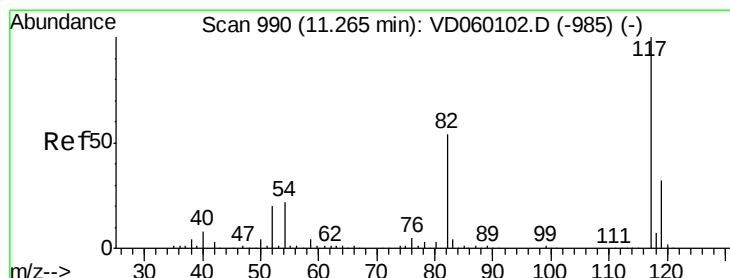
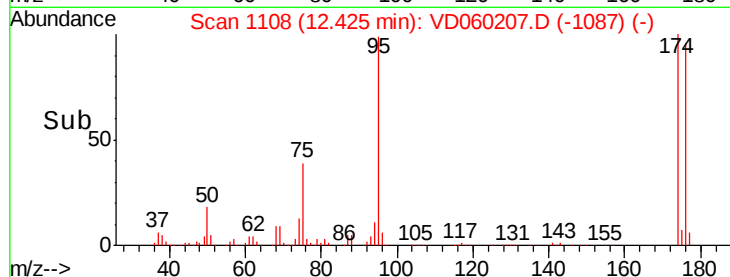
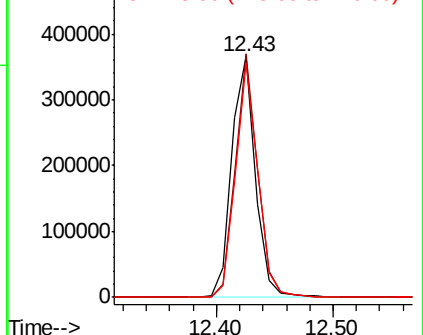
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Instrument :
MSVOA_D
ClientSampleId :
SU-02-102518-A

Tot Ion: 95 Resp: 513941
Ion Ratio Lower Upper
95 100
174 101.0 0.0 200.2
176 97.2 0.0 195.6

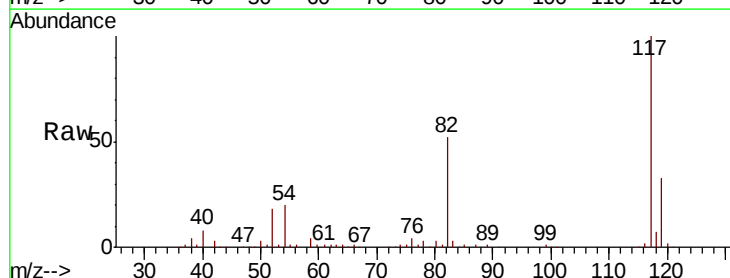


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

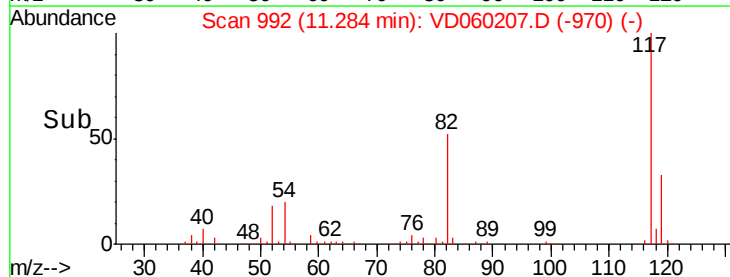
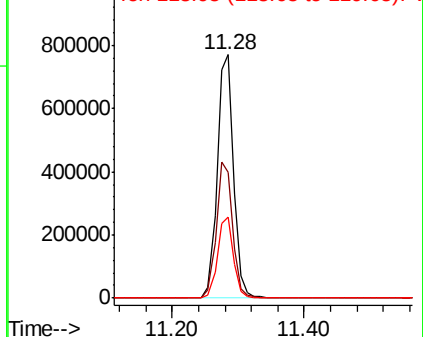


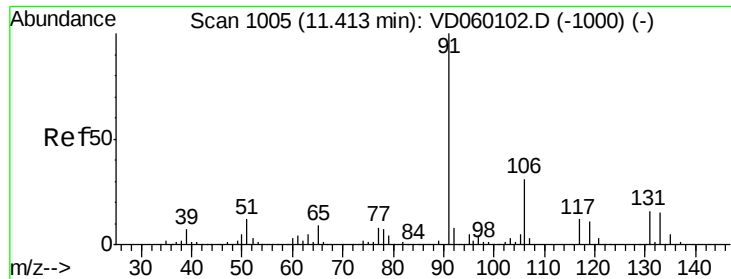
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion: 117 Resp: 1316775
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.2
119 33.4 26.0 39.0



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

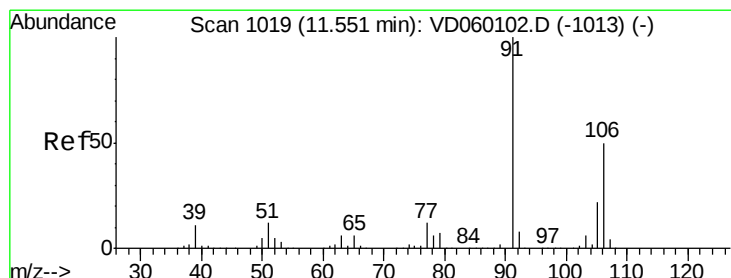
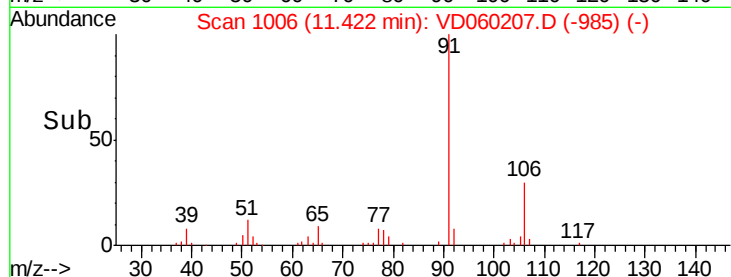
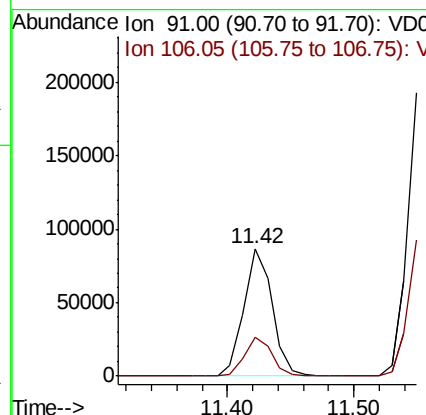
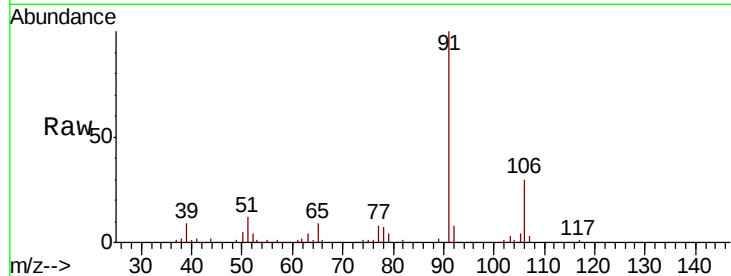




#67
Ethyl Benzene
Concen: 2.915 ug/l
RT: 11.42 min Scan# 1006
Delta R.T. 0.01 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

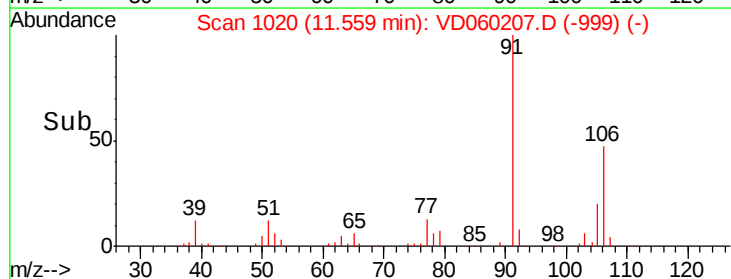
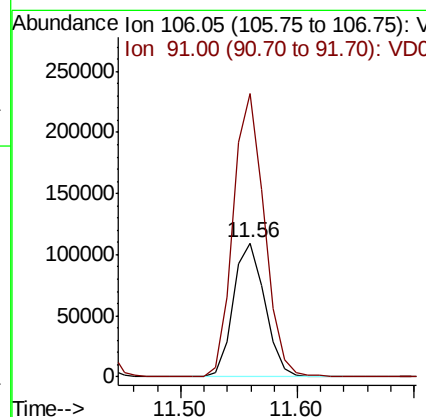
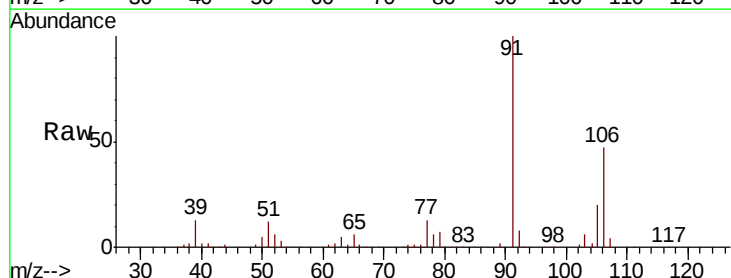
Instrument :
MSVOA_D
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SU-02-102518-A

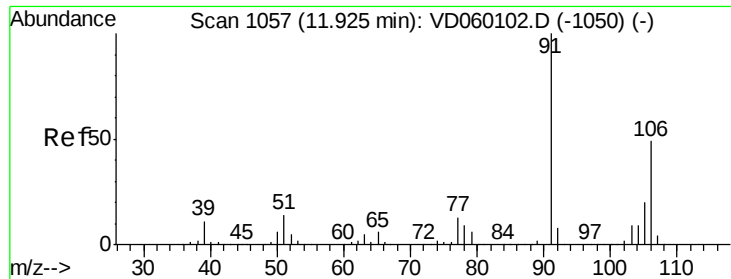
Tot Ion: 91 Resp: 134540
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6



#68
m/p-Xylenes
Concen: 11.866 ug/l
RT: 11.56 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion: 106 Resp: 204629
Ion Ratio Lower Upper
106 100
91 211.7 160.0 240.0

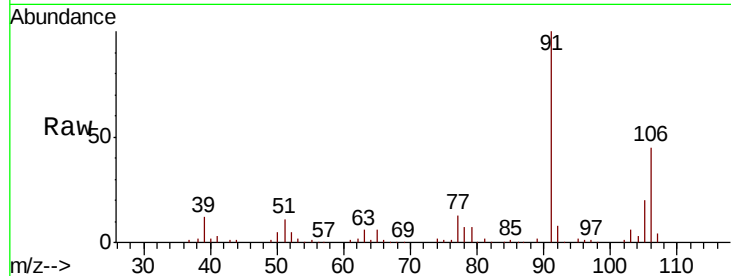




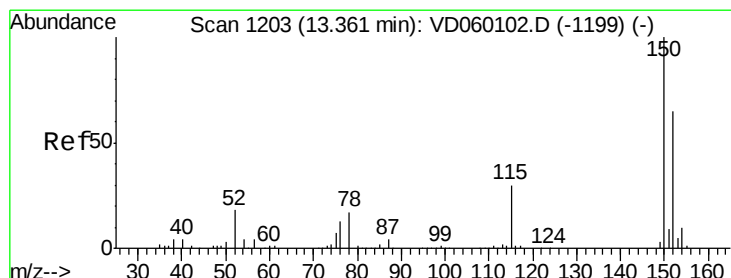
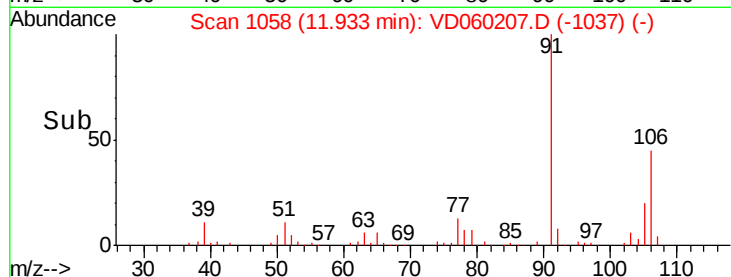
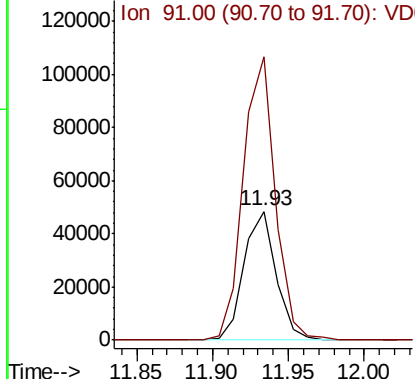
#69
o-Xylene
Concen: 4.174 ug/l
RT: 11.93 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Instrument :
MSVOA_D
ClientSampleId :
SU-02-102518-A

Tot Ion:106 Resp: 71190
Ion Ratio Lower Upper
106 100
91 220.2 102.5 307.5

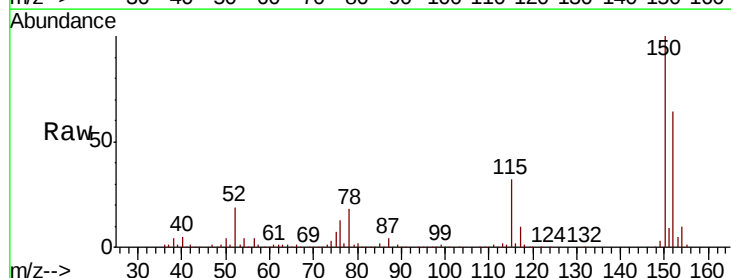


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

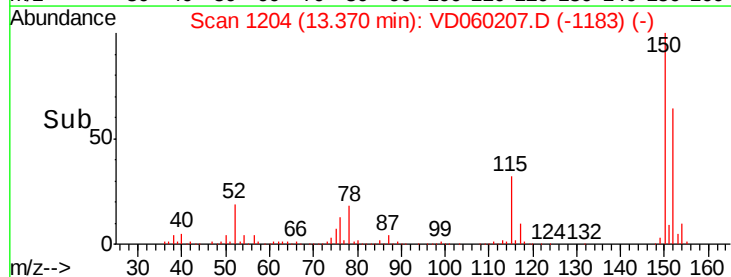
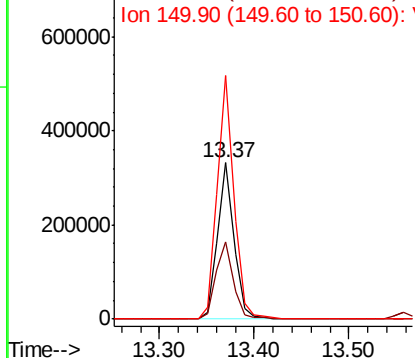


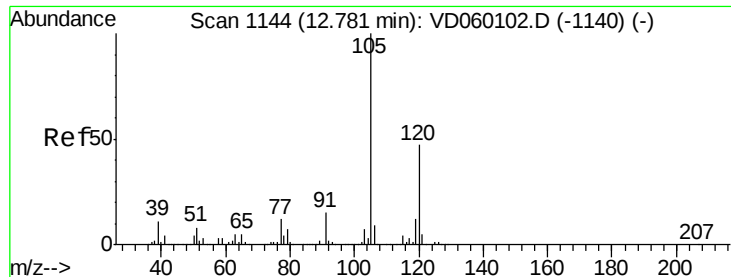
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060207.D
Acq: 25 Oct 2018 20:55

Tgt Ion:152 Resp: 403122
Ion Ratio Lower Upper
152 100
115 49.6 27.1 81.2
150 155.6 0.0 311.8



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: 2.553 ug/l

RT: 12.79 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VD060207.D

Acq: 25 Oct 2018 20:55

Instrument :

MSVOA_D

ClientSampleId :

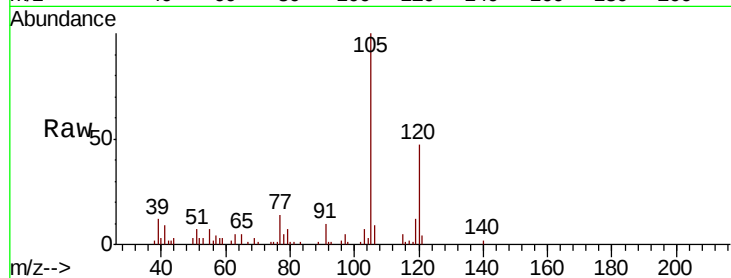
SU-02-102518-A

Tot Ion:105 Resp: 52556

Ion Ratio Lower Upper

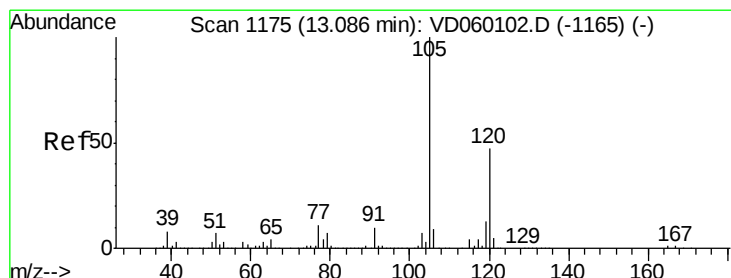
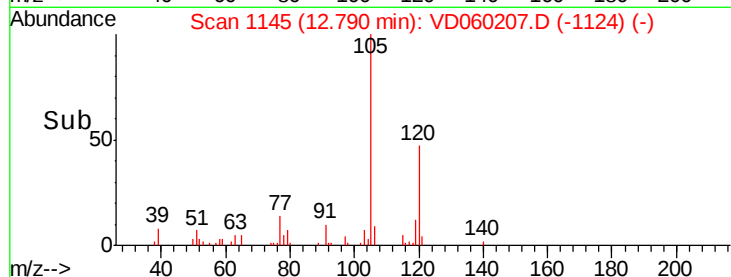
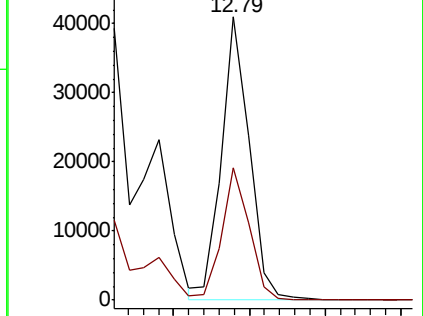
105 100

120 46.8 23.7 71.1



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: 5.432 ug/l

RT: 13.09 min Scan# 1176

Delta R.T. 0.01 min

Lab File: VD060207.D

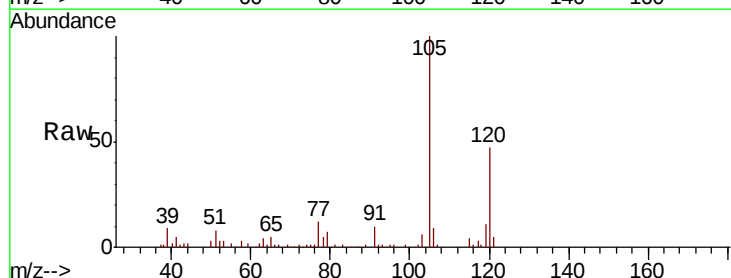
Acq: 25 Oct 2018 20:55

Tgt Ion:105 Resp: 117830

Ion Ratio Lower Upper

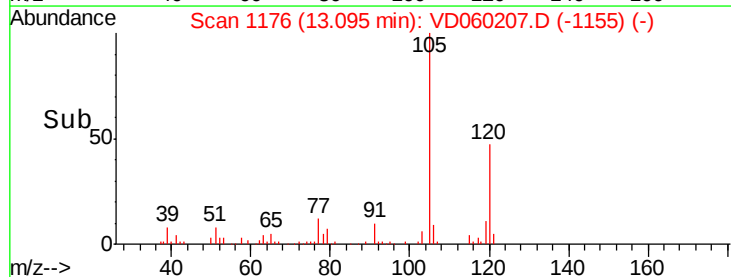
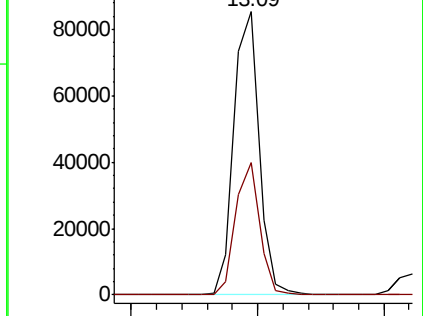
105 100

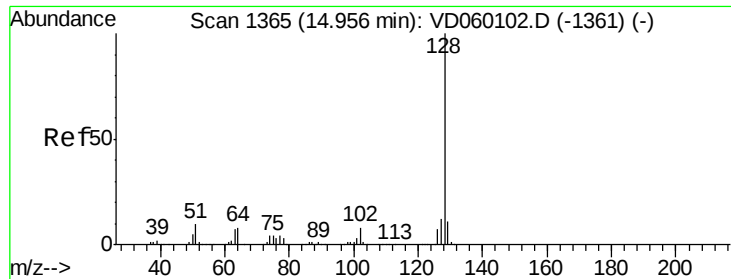
120 46.6 23.4 70.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#95

Naphthalene

Concen: 57.419 ug/l

RT: 14.96 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VD060207.D

Acq: 25 Oct 2018 20:55

Instrument :

MSVOA_D

ClientSampleId :

SU-02-102518-A

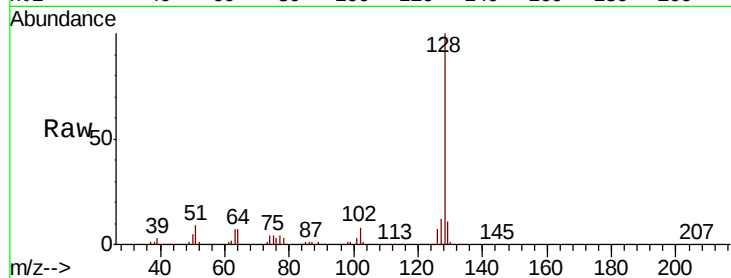
Tot Ion:128 Resp: 817887

Ion Ratio Lower Upper

128 100

127 11.9 9.9 14.9

129 10.9 8.8 13.2



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

