

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122618\
 Data File : VD060717.D
 Acq On : 26 Dec 2018 17:42
 Operator : VA/AP
 Sample : J6195-13
 Misc : 7.04g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-122618-B

Quant Time: Dec 27 10:57:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1562256	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	2188031	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1599909	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	605078	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	561805	52.04	ug/l	-0.02
Spiked Amount			Recovery	=	104.08%	
35) Dibromofluoromethane	6.31	113	781912	48.82	ug/l	-0.02
Spiked Amount			Recovery	=	97.64%	
50) Toluene-d8	9.44	98	1964014	41.10	ug/l	-0.02
Spiked Amount			Recovery	=	82.20%	
62) 4-Bromofluorobenzene	12.41	95	606138	36.22	ug/l	-0.01
Spiked Amount			Recovery	=	72.44%	

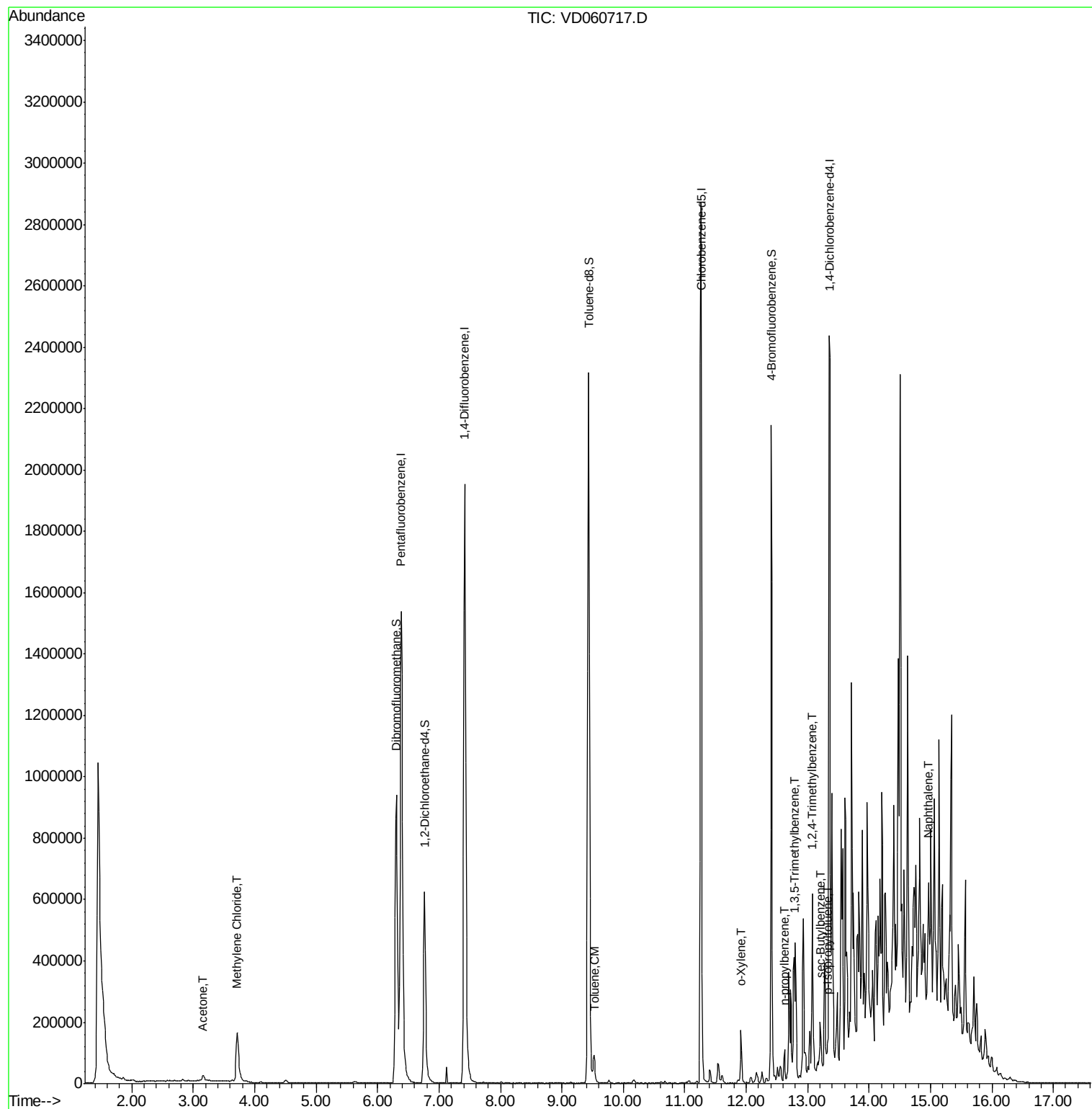
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.16	43	45526	24.146	ug/l #	90
20) Methylene Chloride	3.72	84	117127	5.982	ug/l	97
52) Toluene	9.52	92	42905	1.176	ug/l	98
69) o-Xylene	11.92	106	36381	1.733	ug/l	90
78) n-propylbenzene	12.62	91	71406	1.296	ug/l	97
80) 1,3,5-Trimethylbenzene	12.78	105	170603	5.128	ug/l	99
84) 1,2,4-Trimethylbenzene	13.08	105	249411	7.279	ug/l	99
85) sec-Butylbenzene	13.20	105	52961	1.147	ug/l	95
86) p-Isopropyltoluene	13.32	119	44055	1.182	ug/l	95
95) Naphthalene	14.96	128	51699	3.264	ug/l #	94

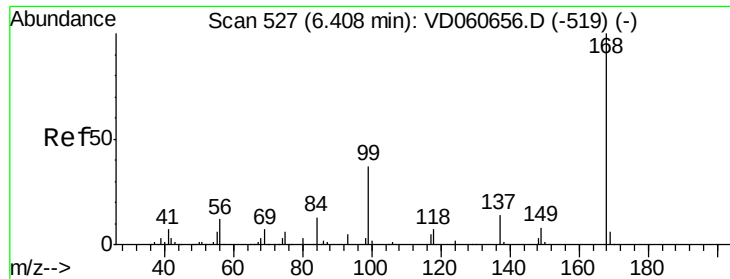
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122618\
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Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.38 min Scan# 524

Delta R.T. -0.02 min

Lab File: VD060717.D

Acq: 26 Dec 2018 17:42

Instrument :

MSVOA_D

ClientSampleId :

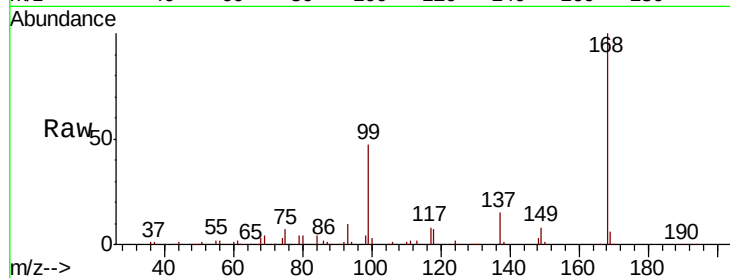
OR-01-122618-B

Tot Ion:168 Resp: 1562256

Ion Ratio Lower Upper

168 100

99 47.5 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

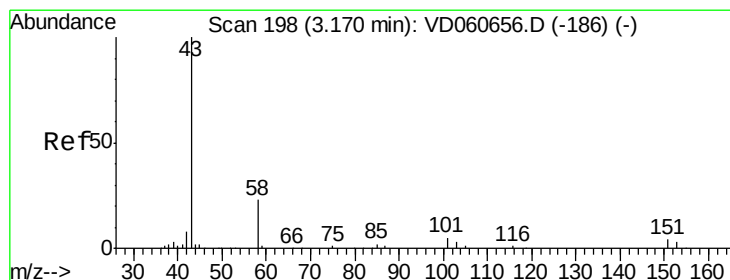
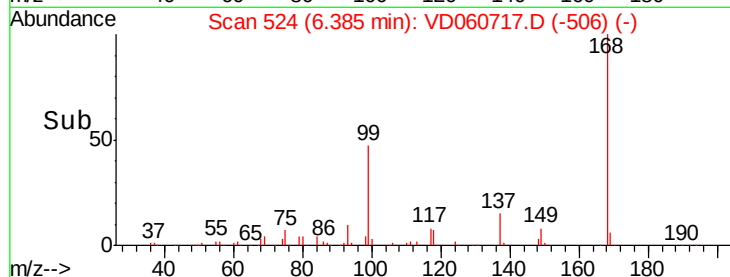
600000

400000

200000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#16

Acetone

Concen: 24.146 ug/l

RT: 3.16 min Scan# 196

Delta R.T. -0.01 min

Lab File: VD060717.D

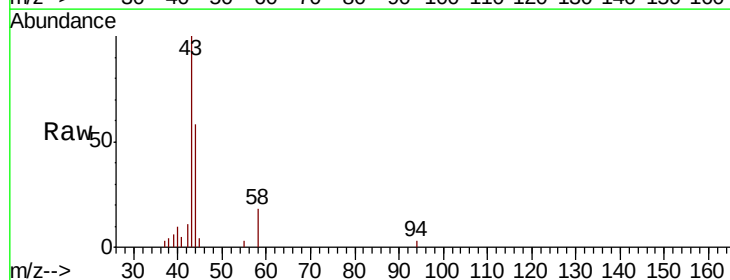
Acq: 26 Dec 2018 17:42

Tgt Ion: 43 Resp: 45526

Ion Ratio Lower Upper

43 100

58 17.8 18.2 27.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

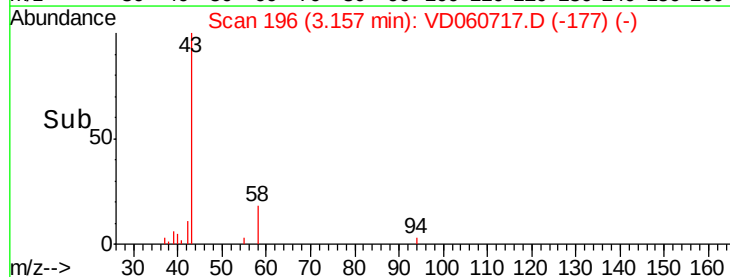
3.16

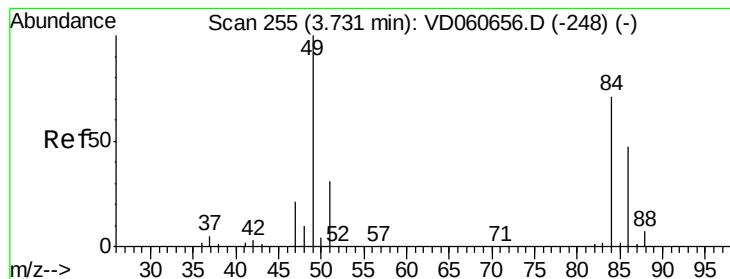
10000

5000

0

Time--> 3.00 3.10 3.20 3.30





#20

Methylene Chloride

Concen: 5.982 ug/l

RT: 3.72 min Scan# 253

Delta R.T. -0.01 min

Lab File: VD060717.D

Acq: 26 Dec 2018 17:42

Instrument :

MSVOA_D

ClientSampleId :

OR-01-122618-B

Tot Ion: 84 Resp: 117127

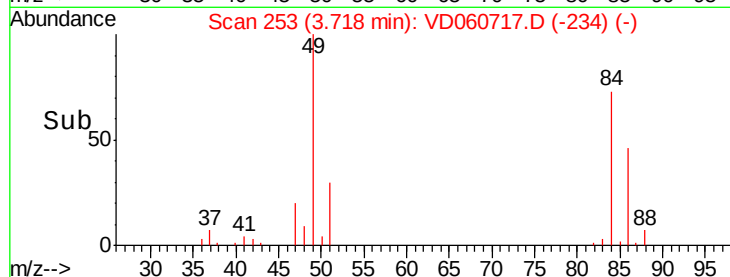
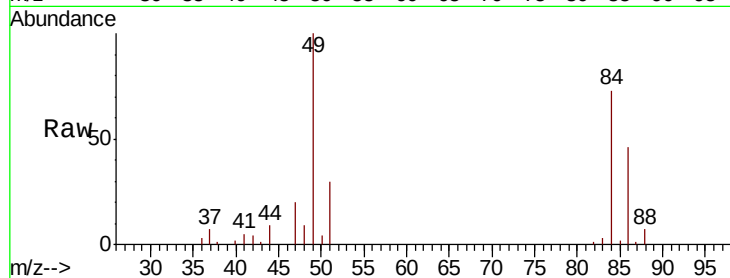
Ion Ratio Lower Upper

84 100

49 137.9 113.6 170.4

51 41.9 34.7 52.1

86 63.3 52.8 79.2

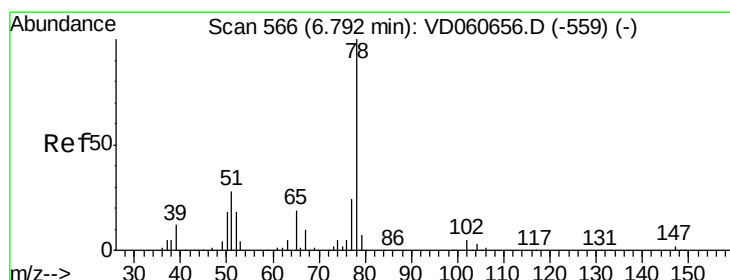
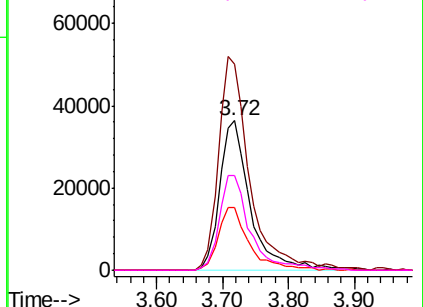


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.77 min Scan# 563

Delta R.T. -0.02 min

Lab File: VD060717.D

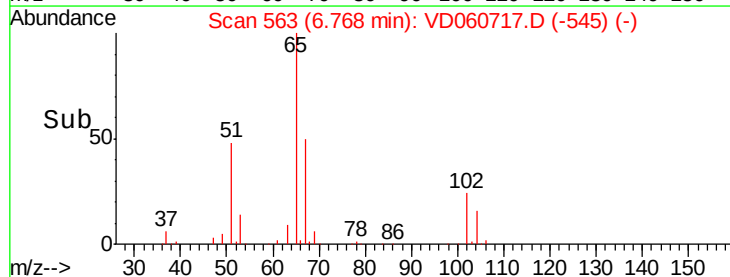
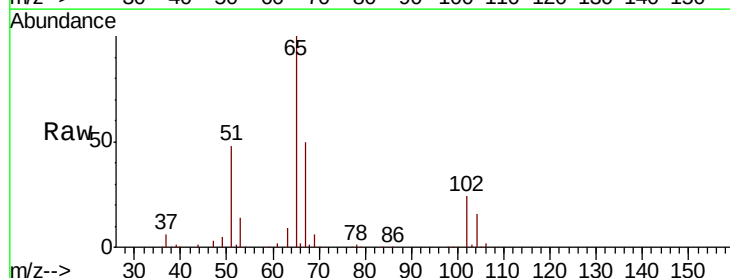
Acq: 26 Dec 2018 17:42

Tgt Ion: 65 Resp: 561805

Ion Ratio Lower Upper

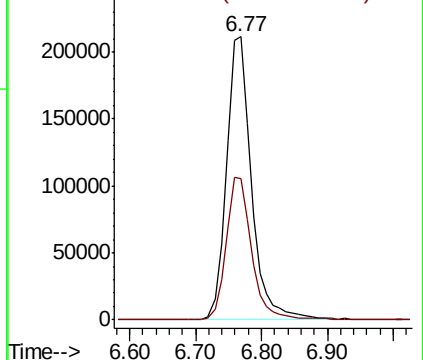
65 100

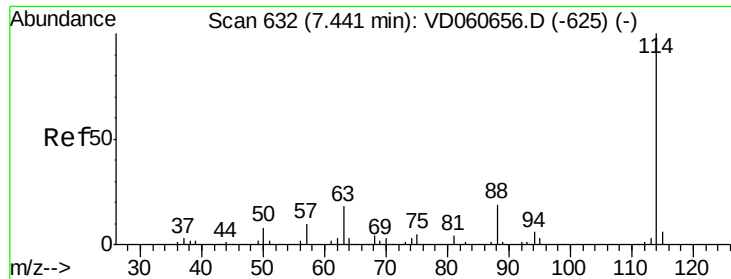
67 49.8 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

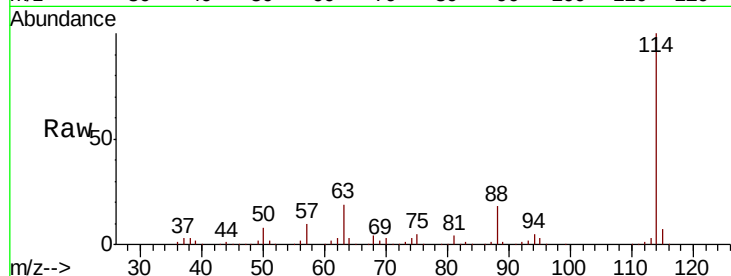




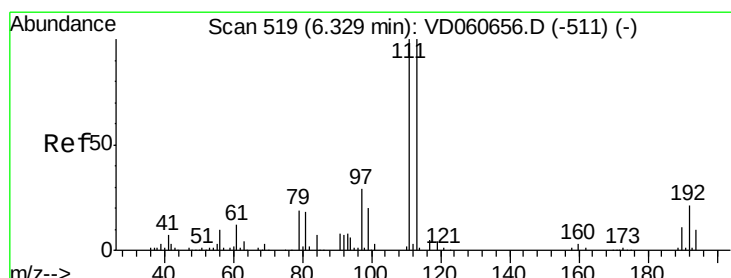
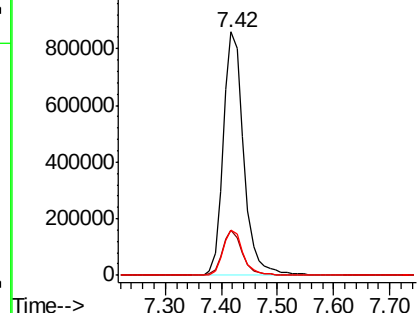
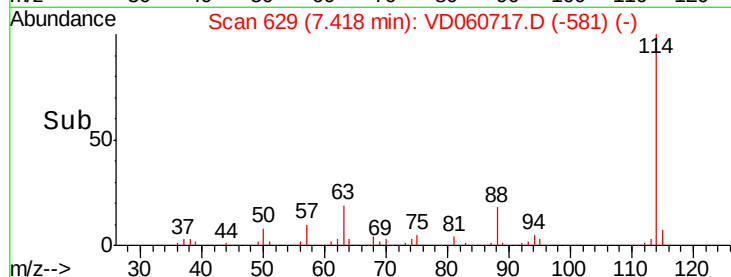
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 629
 Delta R.T. -0.02 min
 Lab File: VD060717.D
 Acq: 26 Dec 2018 17:42

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-122618-B

Tot Ion:114 Resp: 2188031
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 36.2
 88 18.4 0.0 37.0

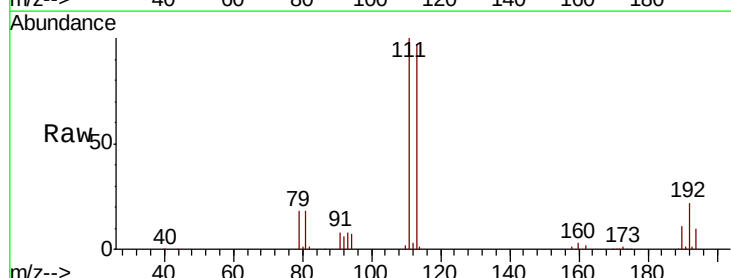


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

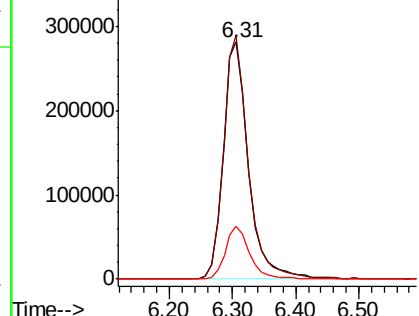
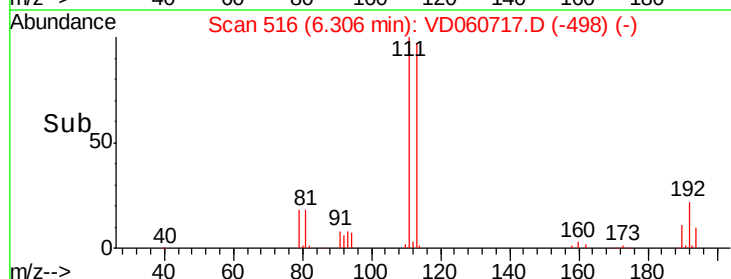


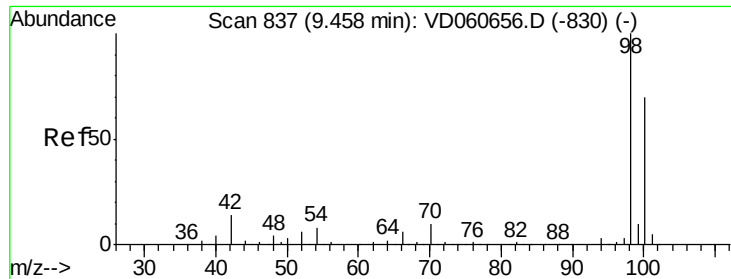
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: VD060717.D
 Acq: 26 Dec 2018 17:42

Tgt Ion:113 Resp: 781912
 Ion Ratio Lower Upper
 113 100
 111 102.9 80.0 120.0
 192 22.5 16.6 25.0



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

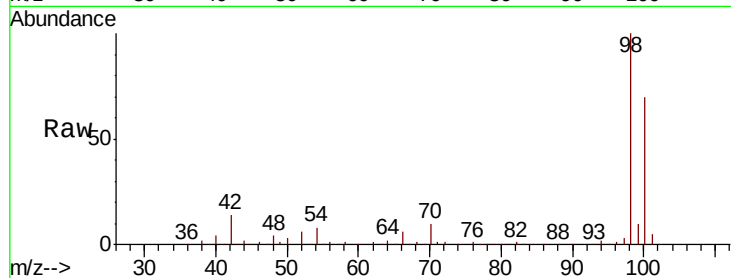




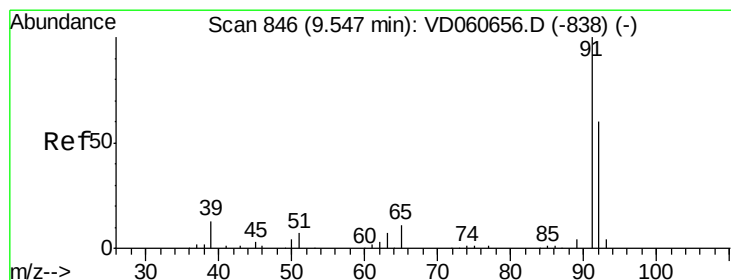
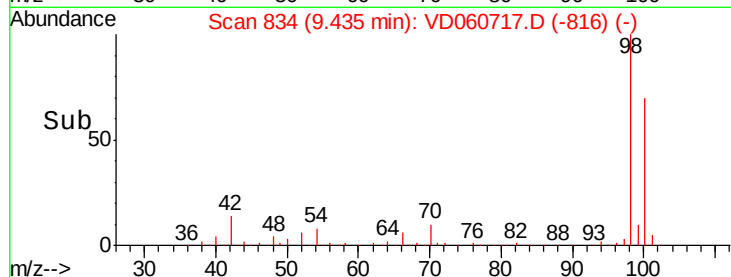
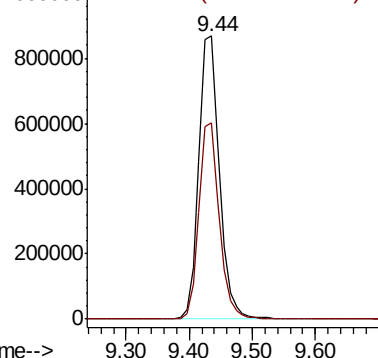
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 834
Delta R.T. -0.02 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Instrument :
MSVOA_D
ClientSampleId :
OR-01-122618-B

Tot Ion: 98 Resp: 1964014
Ion Ratio Lower Upper
98 100
100 69.5 55.8 83.8

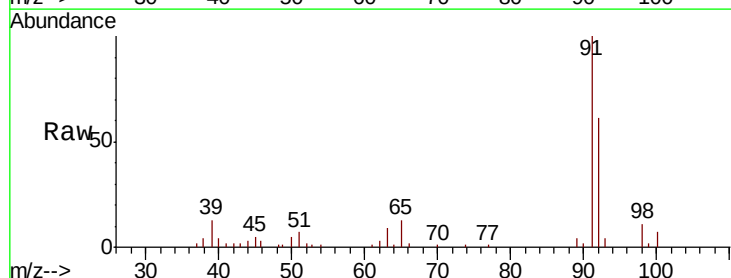


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

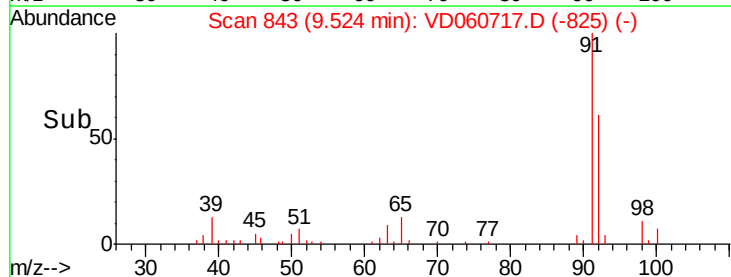
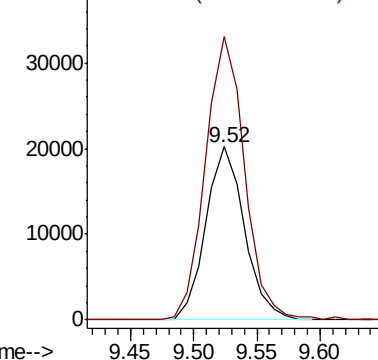


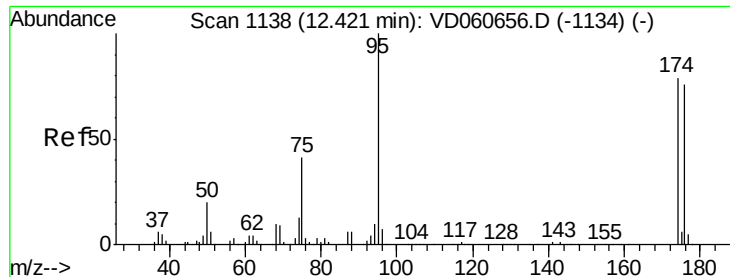
#52
Toluene
Concen: 1.176 ug/l
RT: 9.52 min Scan# 843
Delta R.T. -0.02 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Tgt Ion: 92 Resp: 42905
Ion Ratio Lower Upper
92 100
91 163.6 132.6 199.0



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# 1136

Delta R.T. -0.01 min

Lab File: VD060717.D

Acq: 26 Dec 2018 17:42

Instrument :

MSVOA_D

ClientSampleId :

OR-01-122618-B

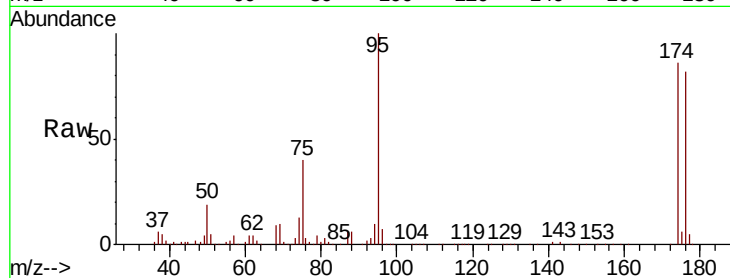
Tot Ion: 95 Resp: 606138

Ion Ratio Lower Upper

95 100

174 86.2 0.0 158.2

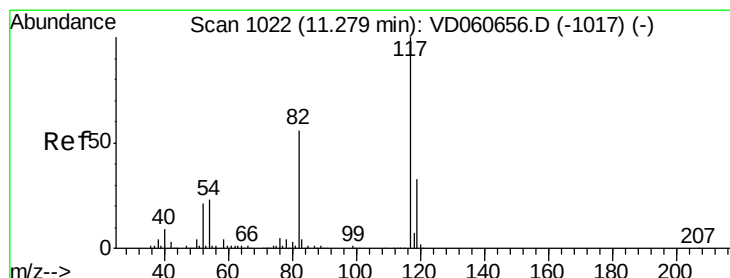
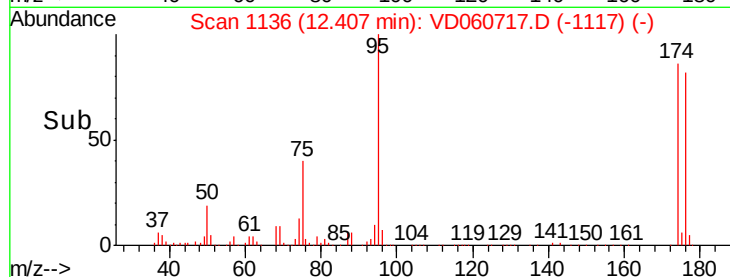
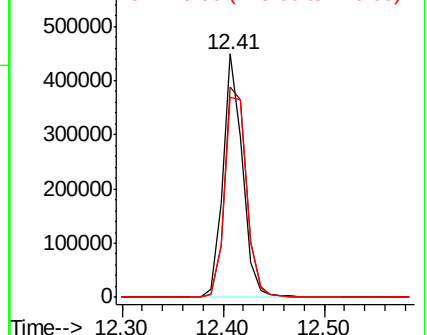
176 82.0 0.0 152.4



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: 11.27 min Scan# 1020

Delta R.T. -0.01 min

Lab File: VD060717.D

Acq: 26 Dec 2018 17:42

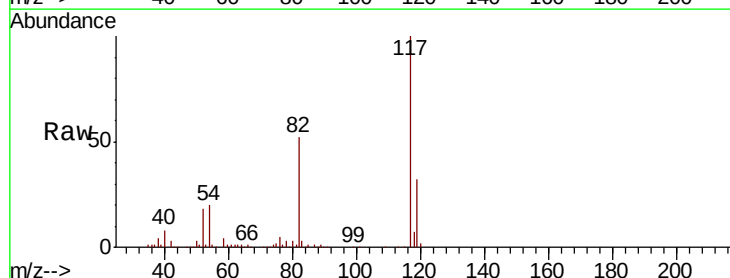
Tgt Ion: 117 Resp: 1599909

Ion Ratio Lower Upper

117 100

82 52.3 44.5 66.7

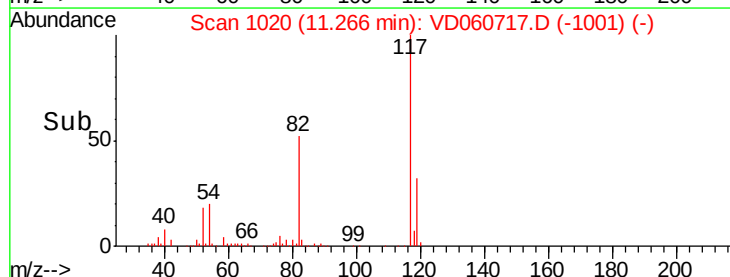
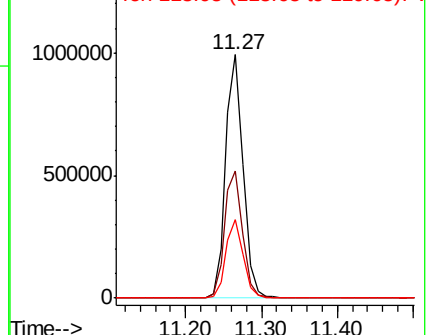
119 32.3 26.3 39.5

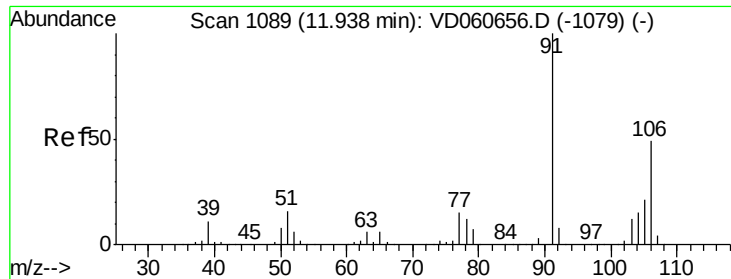


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

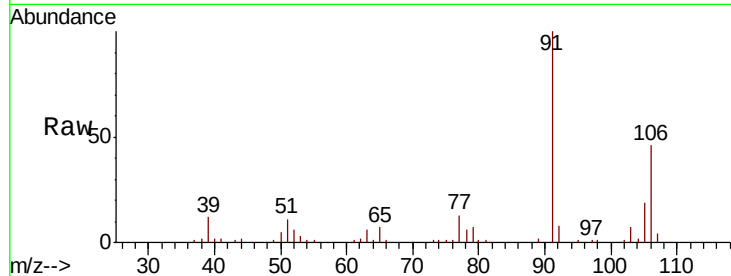




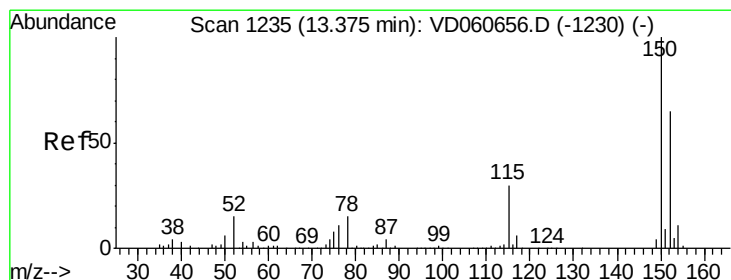
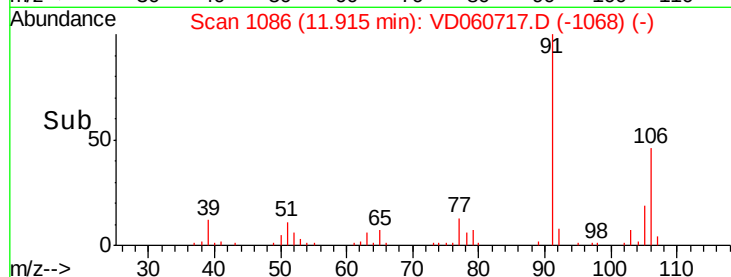
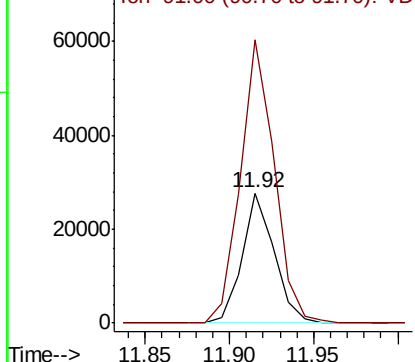
#69
o-Xylene
Concen: 1.733 ug/l
RT: 11.92 min Scan# 1086
Delta R.T. -0.02 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Instrument :
MSVOA_D
ClientSampleId :
OR-01-122618-B

Tot Ion:106 Resp: 36381
Ion Ratio Lower Upper
106 100
91 217.8 101.5 304.5

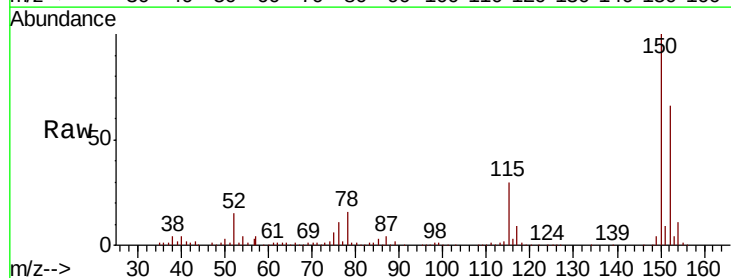


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

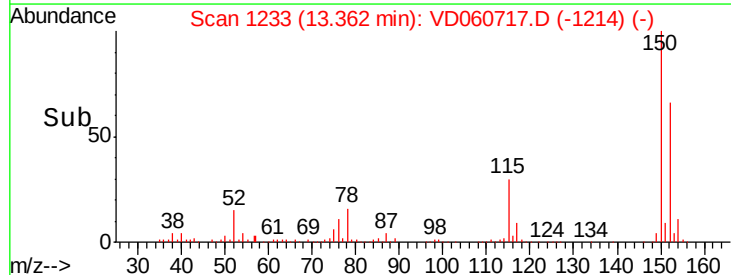
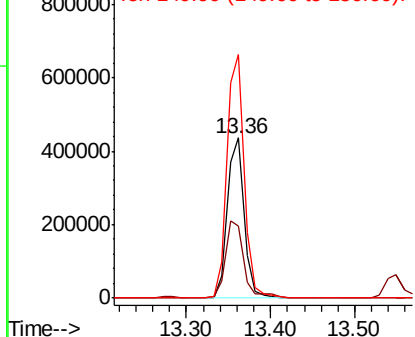


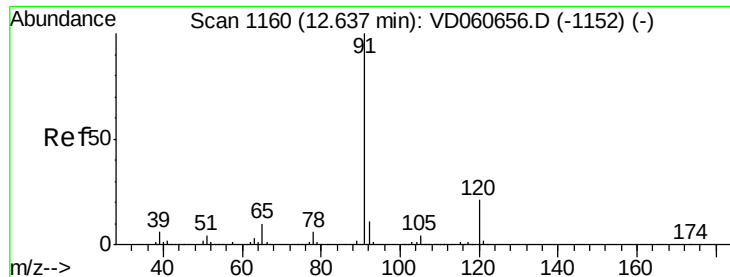
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1233
Delta R.T. -0.01 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Tgt Ion:152 Resp: 605078
Ion Ratio Lower Upper
152 100
115 45.0 24.1 72.3
150 152.3 0.0 315.0



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





#78

n-propylbenzene

Concen: 1.296 ug/l

RT: 12.62 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VD060717.D

Acq: 26 Dec 2018 17:42

Instrument :

MSVOA_D

ClientSampleId :

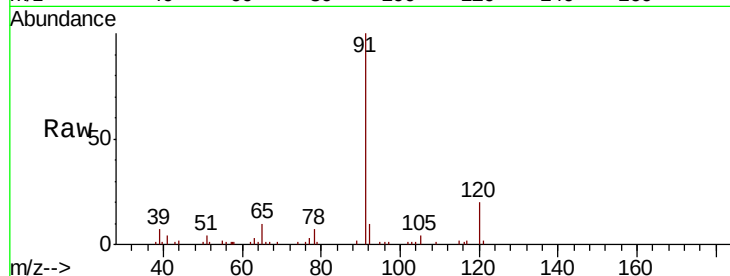
OR-01-122618-B

Tot Ion: 91 Resp: 71406

Ion Ratio Lower Upper

91 100

120 19.5 10.4 31.2



Abundance Ion 91.00 (90.70 to 91.70): VD060656.D (-1152) (-)

Ion 120.05 (119.75 to 120.75): VD060656.D (-1152) (-)

12.62

60000

50000

40000

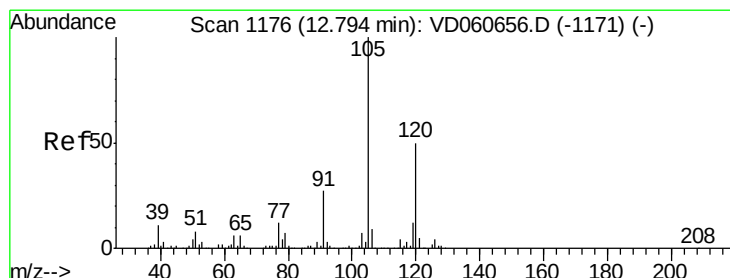
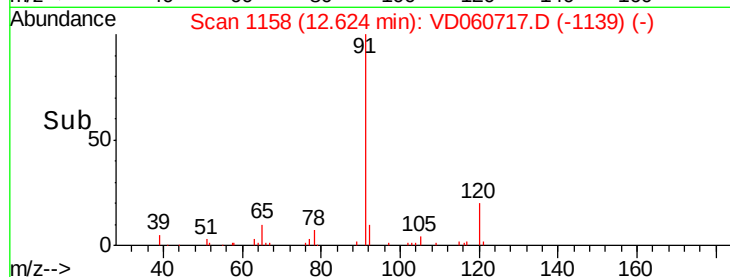
30000

20000

10000

0

Time--> 12.55 12.60 12.65



#80

1,3,5-Trimethylbenzene

Concen: 5.128 ug/l

RT: 12.78 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VD060717.D

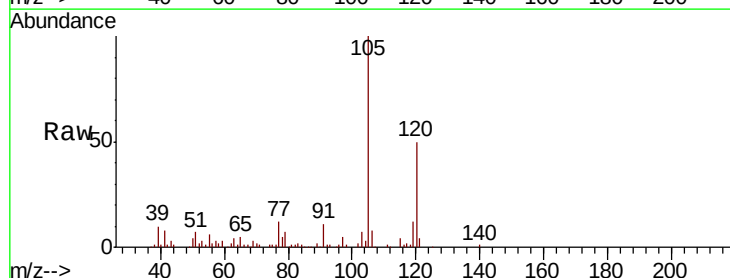
Acq: 26 Dec 2018 17:42

Tgt Ion: 105 Resp: 170603

Ion Ratio Lower Upper

105 100

120 50.1 24.8 74.4



Abundance Ion 105.05 (104.75 to 105.75): VD060656.D (-1171) (-)

Ion 120.05 (119.75 to 120.75): VD060656.D (-1171) (-)

250000

200000

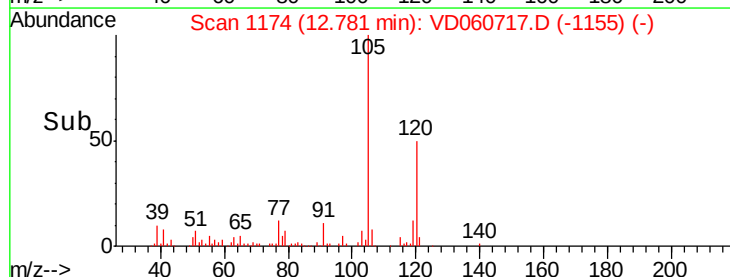
150000

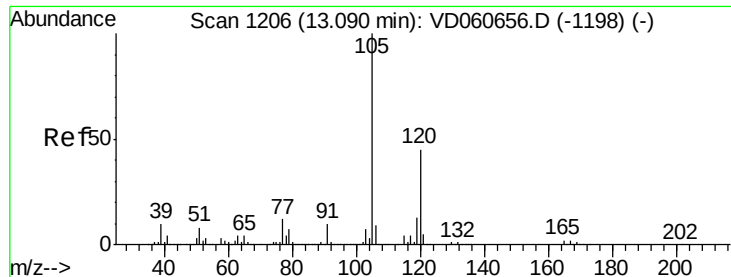
100000

50000

0

Time--> 12.70 12.80 12.90

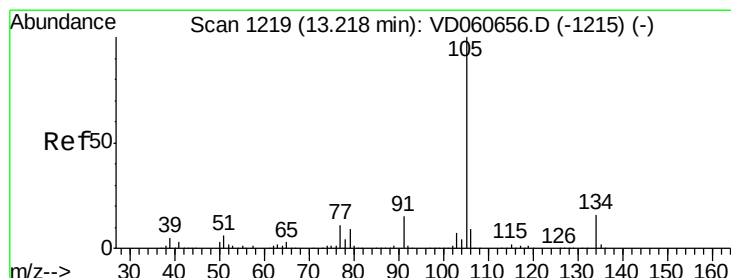
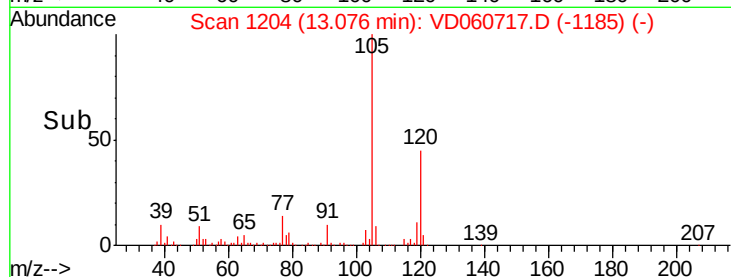
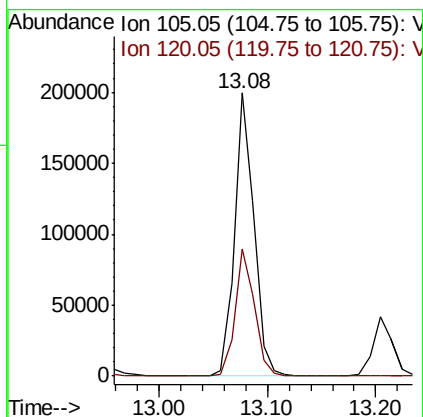
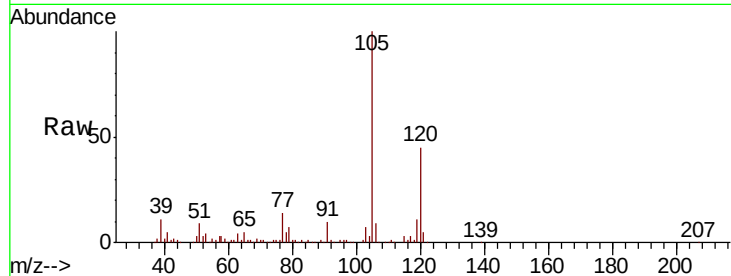




#84
1,2,4-Trimethylbenzene
Concen: 7.279 ug/l
RT: 13.08 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

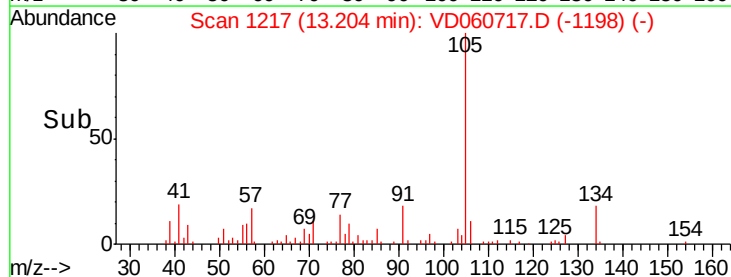
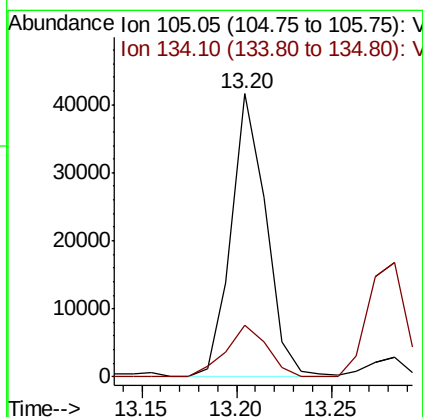
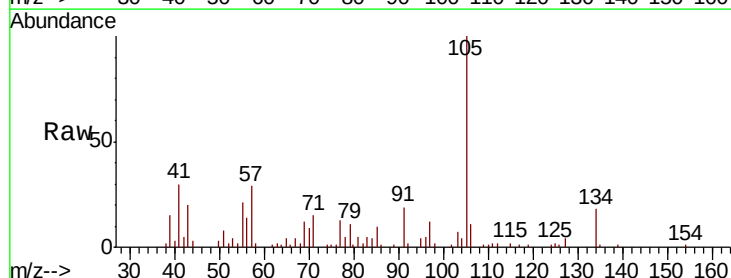
Instrument :
MSVOA_D
ClientSampleId :
OR-01-122618-B

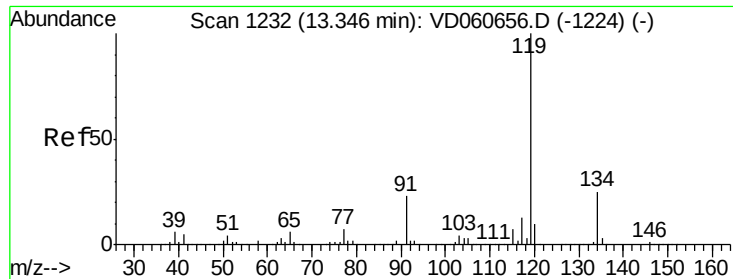
Tot Ion:105 Resp: 249411
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.0



#85
sec-Butylbenzene
Concen: 1.147 ug/l
RT: 13.20 min Scan# 1217
Delta R.T. -0.01 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Tgt Ion:105 Resp: 52961
Ion Ratio Lower Upper
105 100
134 18.3 8.2 24.4

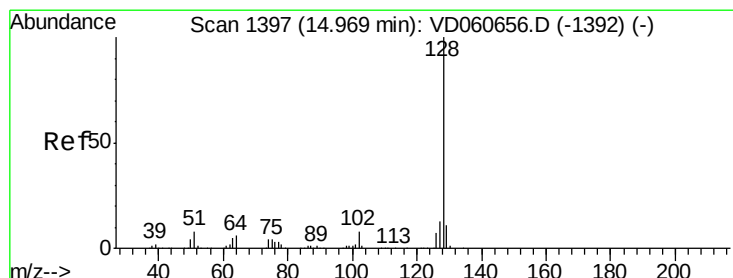
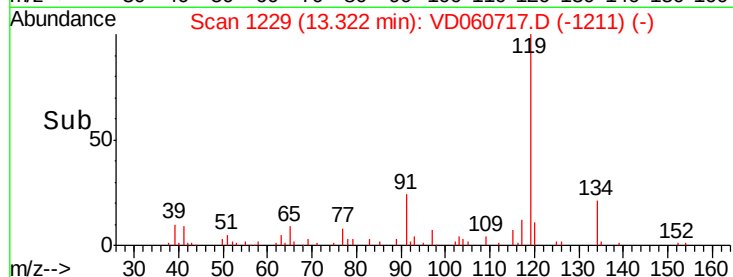
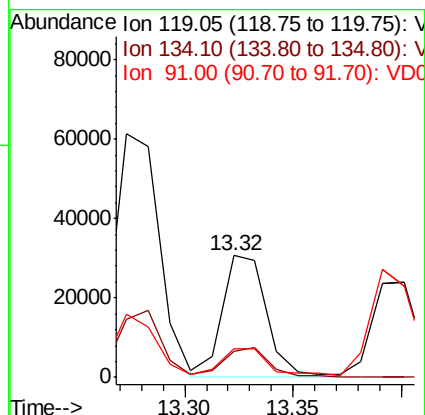
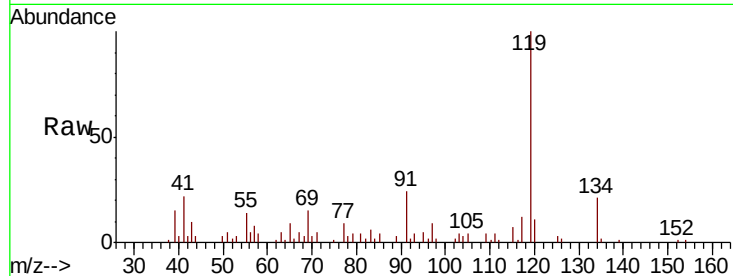




#86
 p-Isopropyltoluene
 Concen: 1.182 ug/l
 RT: 13.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: VD060717.D
 Acq: 26 Dec 2018 17:42

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-122618-B

Tot Ion:119 Resp: 44055
 Ion Ratio Lower Upper
 119 100
 134 21.1 12.5 37.5
 91 23.6 11.4 34.2



#95
 Naphthalene
 Concen: 3.264 ug/l
 RT: 14.96 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: VD060717.D
 Acq: 26 Dec 2018 17:42

Tgt Ion:128 Resp: 51699
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.1 15.1
 129 14.5 8.6 13.0#

