

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020619\
 Data File : VW008527.D
 Acq On : 06 Feb 2019 15:01
 Operator : SY/VA
 Sample : K1358-01
 Misc : 6.83G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-020519

Quant Time: Feb 07 11:03:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	572962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	918394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	813813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	363716	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	313775	55.74	ug/l	0.00
Spiked Amount			Recovery	=	111.48%	
35) Dibromofluoromethane	7.88	113	292138	54.40	ug/l	0.00
Spiked Amount			Recovery	=	108.80%	
50) Toluene-d8	10.32	98	1092660	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.62	95	390797	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	

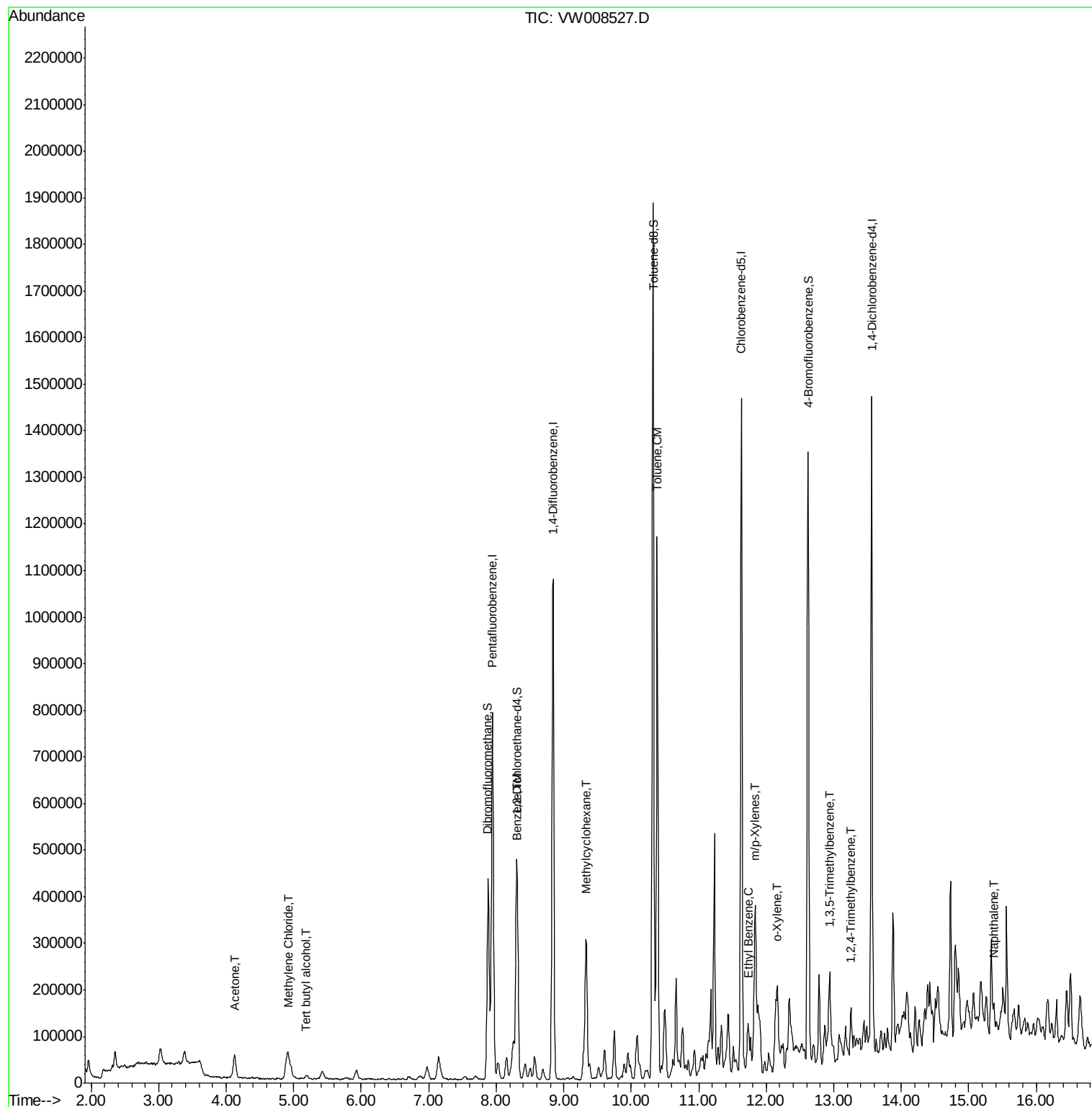
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	14076m	31.060	ug/l	
16) Acetone	4.13	43	85769	67.853	ug/l	96
20) Methylene Chloride	4.92	84	43696	7.500	ug/l	89
39) Methylcyclohexane	9.34	83	128836	11.305	ug/l	95
40) Benzene	8.32	78	104025	4.321	ug/l	99
52) Toluene	10.38	92	486281	30.601	ug/l	99
67) Ethyl Benzene	11.73	91	50597	1.657	ug/l	99
68) m/p-Xylenes	11.84	106	92100	7.773	ug/l	97
69) o-Xylene	12.16	106	40009	3.554	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	22929	1.012	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	55004	2.388	ug/l	99
95) Naphthalene	15.37	128	57401	4.329	ug/l #	96

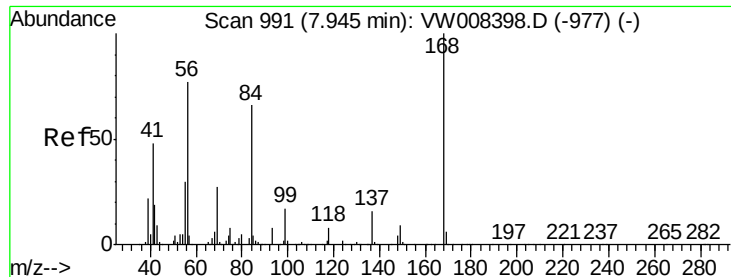
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008527.D

Acq: 06 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

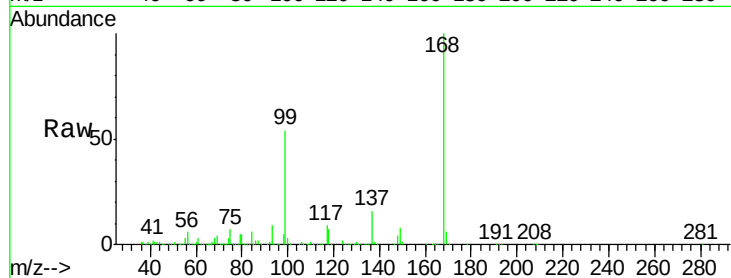
TR-05-020519

Tot Ion:168 Resp: 572962

Ion Ratio Lower Upper

168 100

99 53.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

250000

200000

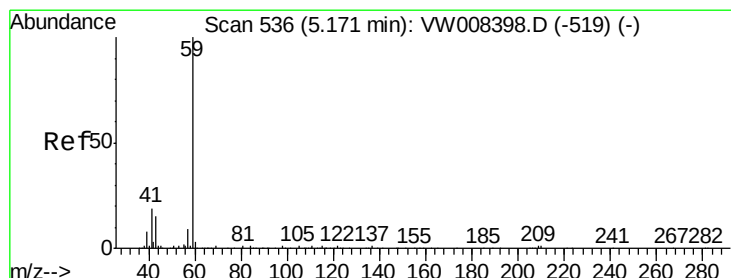
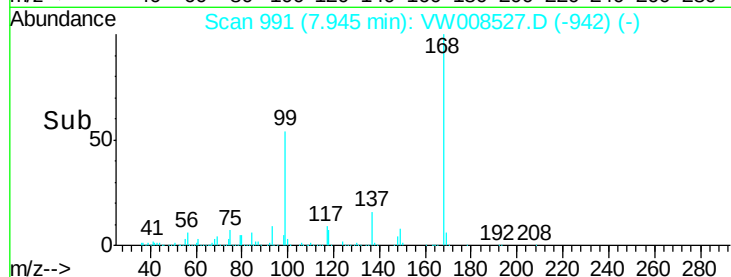
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 31.060 ug/l m

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW008527.D

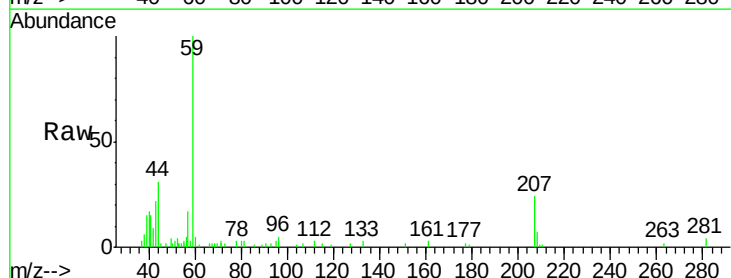
Acq: 06 Feb 2019 15:01

Tgt Ion: 59 Resp: 14076

Ion Ratio Lower Upper

59 100

57 10.5 9.3 13.9



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

4000

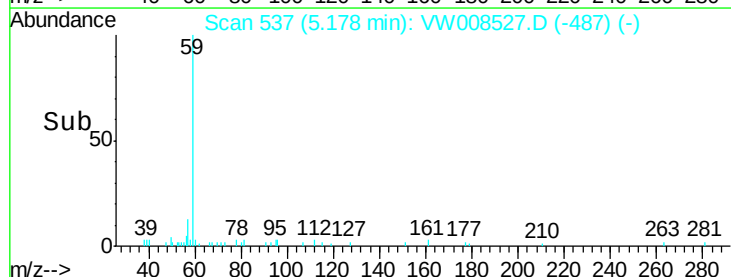
3000

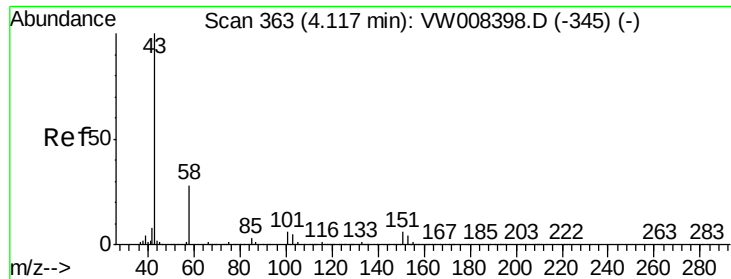
2000

1000

0

Time-->

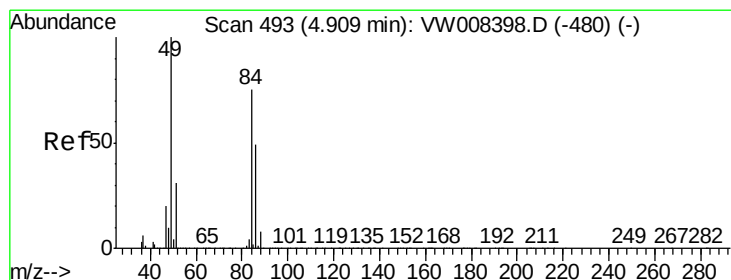
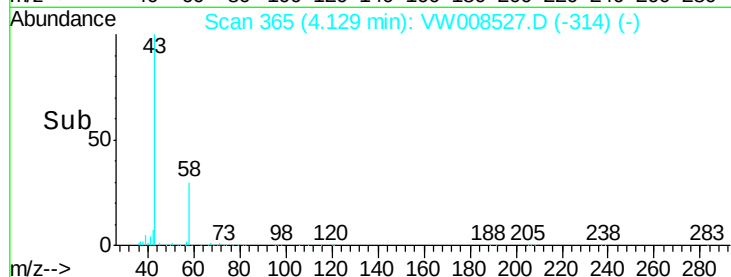
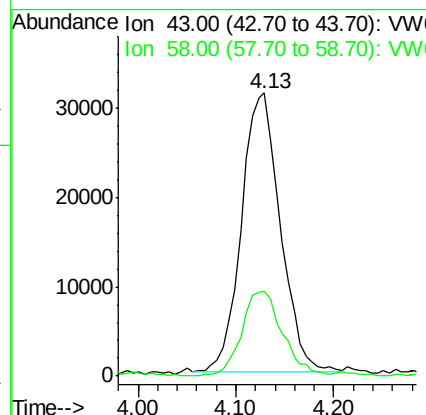
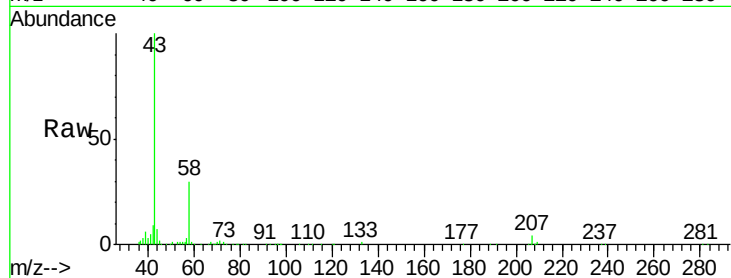




#16
Acetone
Concen: 67.853 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW008527.D
Acq: 06 Feb 2019 15:01

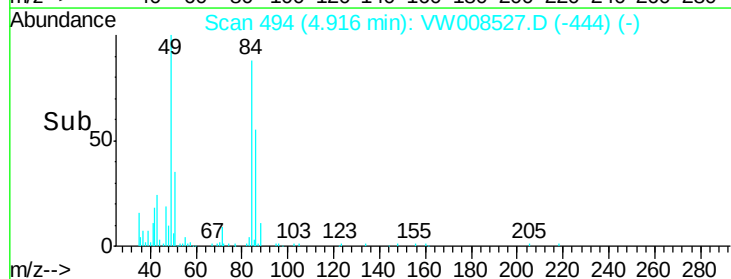
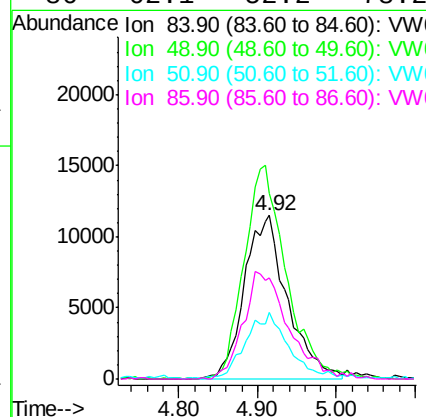
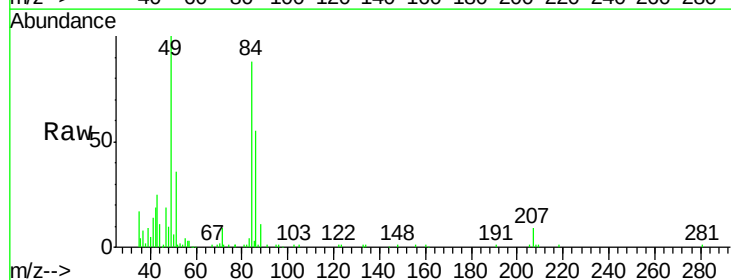
Instrument :
MSVOA_W
ClientSampleId :
TR-05-020519

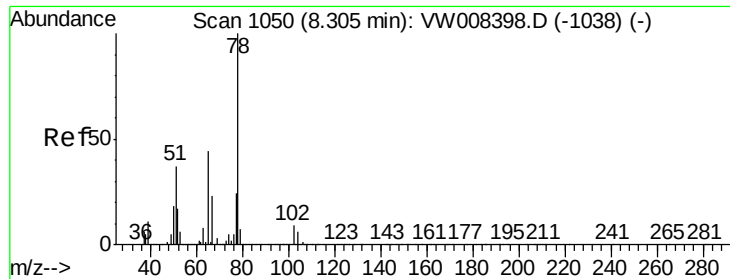
Tot Ion: 43 Resp: 85769
Ion Ratio Lower Upper
43 100
58 30.2 22.6 34.0



#20
Methylene Chloride
Concen: 7.500 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008527.D
Acq: 06 Feb 2019 15:01

Tgt Ion: 84 Resp: 43696
Ion Ratio Lower Upper
84 100
49 113.7 106.8 160.2
51 39.5 32.9 49.3
86 62.1 52.2 78.2

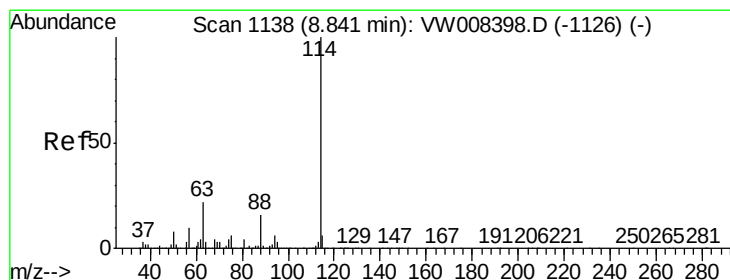
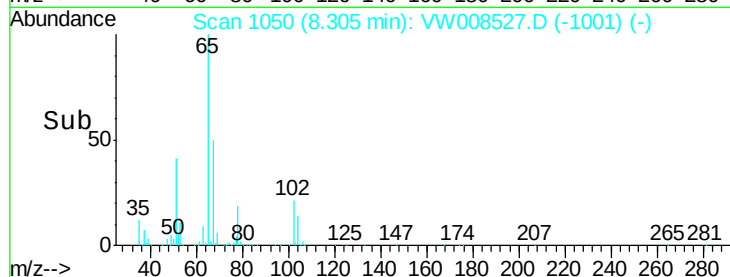
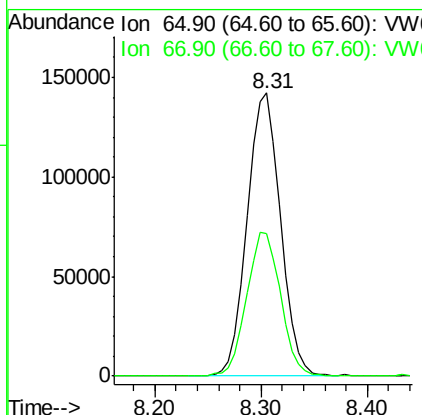
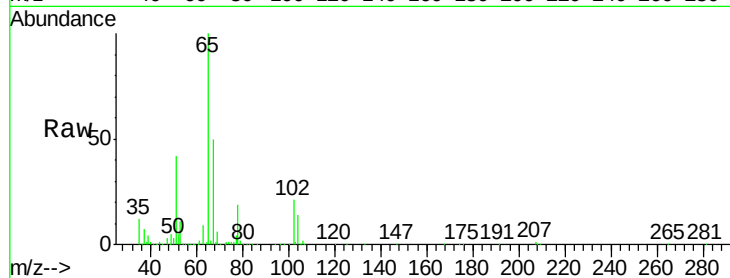




#33
 1,2-Dichloroethane-d4
 Concen: 55.744 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008527.D
 Acq: 06 Feb 2019 15:01

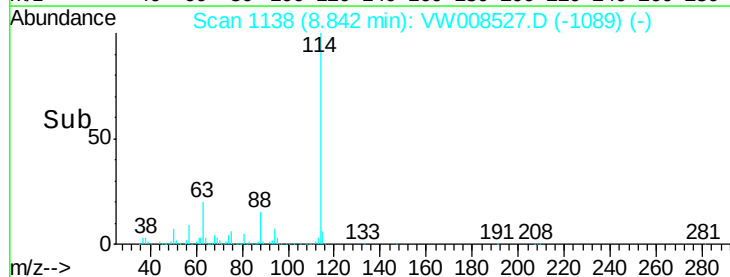
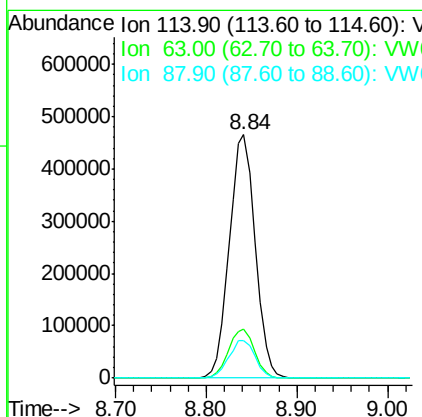
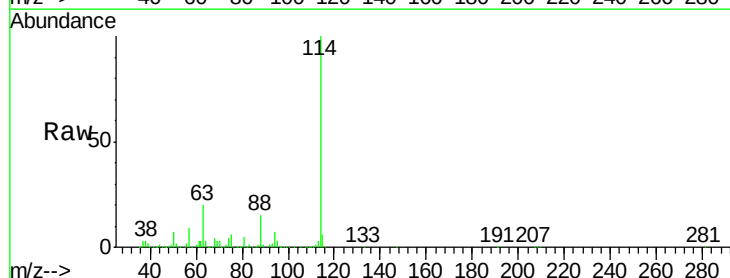
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-020519

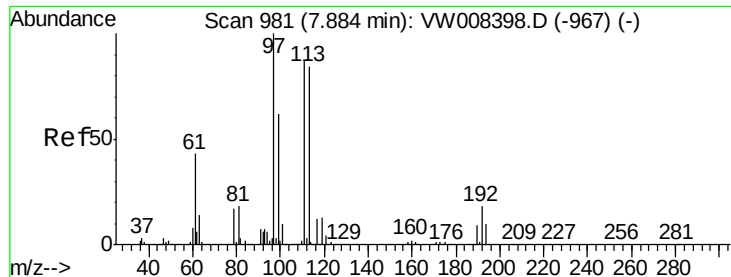
Tot Ion: 65 Resp: 313775
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008527.D
 Acq: 06 Feb 2019 15:01

Tgt Ion: 114 Resp: 918394
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.6
 88 15.4 0.0 31.8

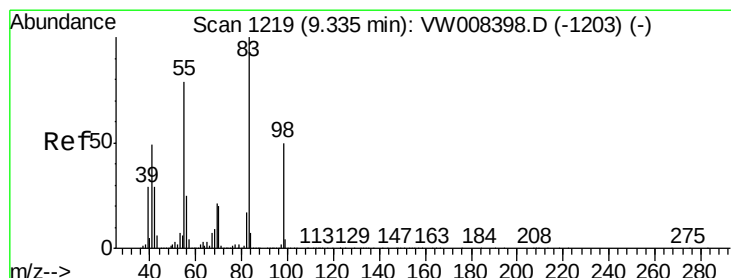
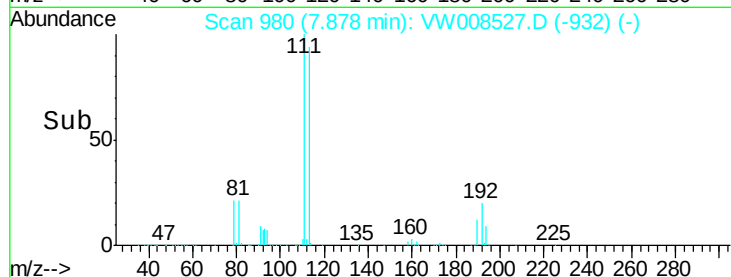
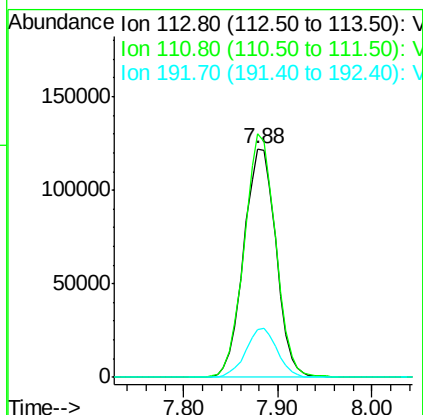
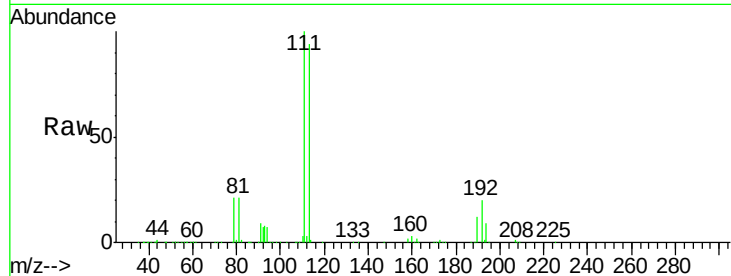




#35
Dibromofluoromethane
Concen: 54.400 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008527.D
Acq: 06 Feb 2019 15:01

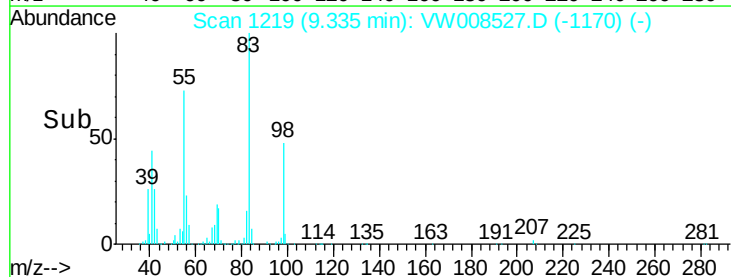
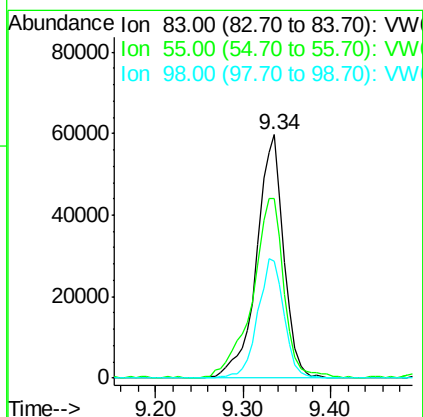
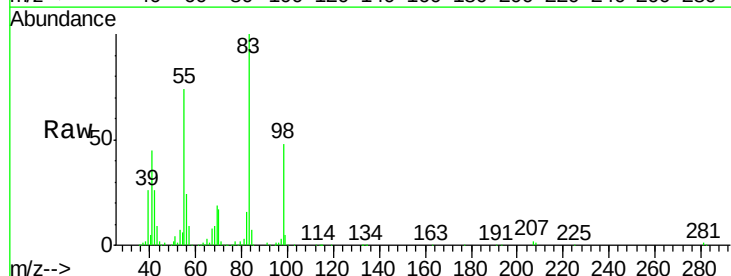
Instrument :
MSVOA_W
ClientSampleId :
TR-05-020519

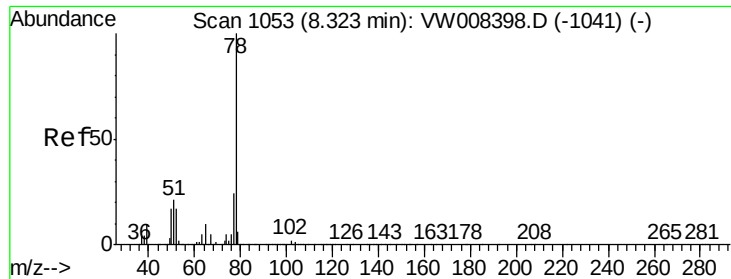
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.0	121.4
192	21.1	16.8	25.2



#39
Methylcyclohexane
Concen: 11.305 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008527.D
Acq: 06 Feb 2019 15:01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.7	63.3	94.9
98	48.1	39.7	59.5





#40

Benzene

Concen: 4.321 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW008527.D

Acq: 06 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampled :

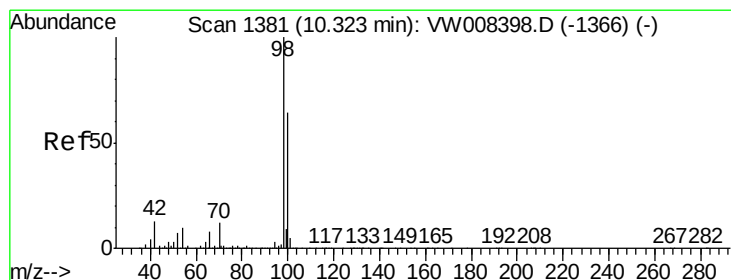
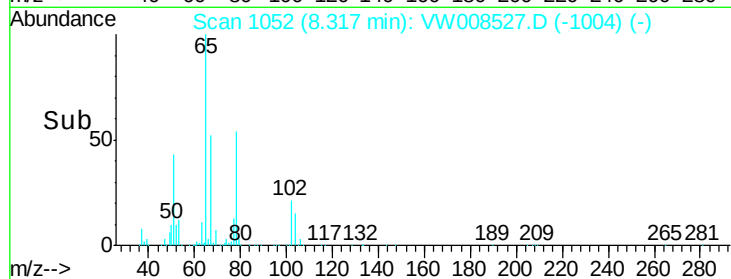
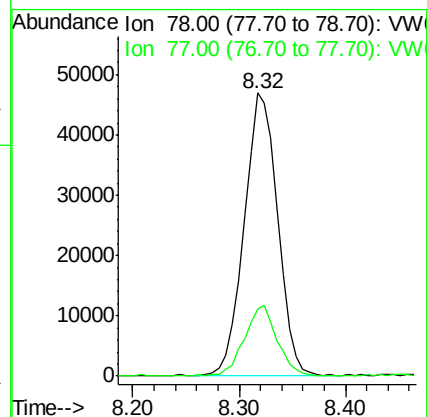
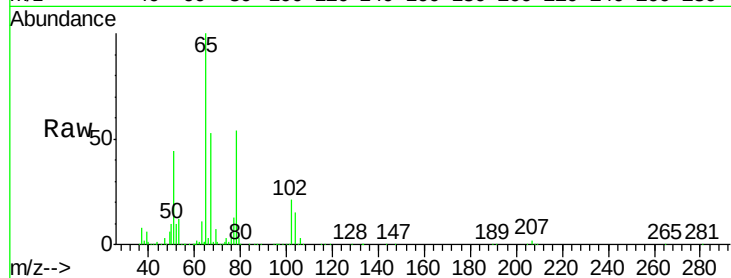
TR-05-020519

Tot Ion: 78 Resp: 104025

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6



#50

Toluene-d8

Concen: 50.740 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008527.D

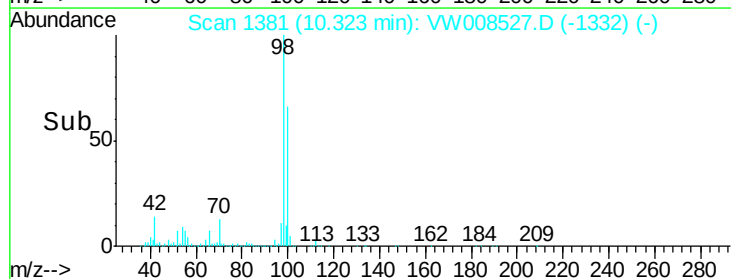
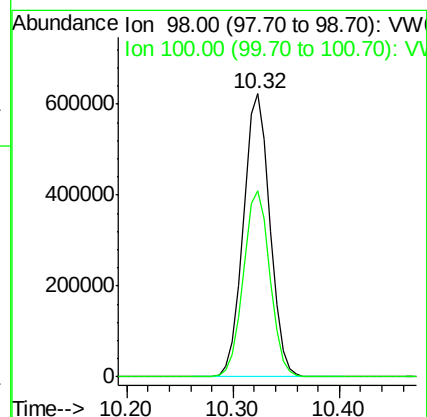
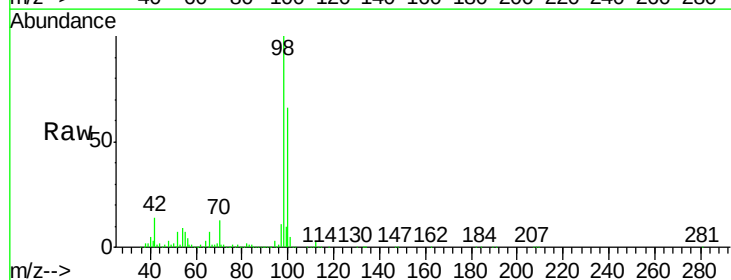
Acq: 06 Feb 2019 15:01

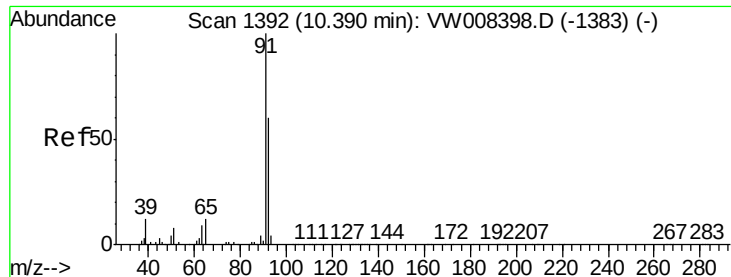
Tgt Ion: 98 Resp: 1092660

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8





#52

Toluene

Concen: 30.601 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008527.D

Acq: 06 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampled :

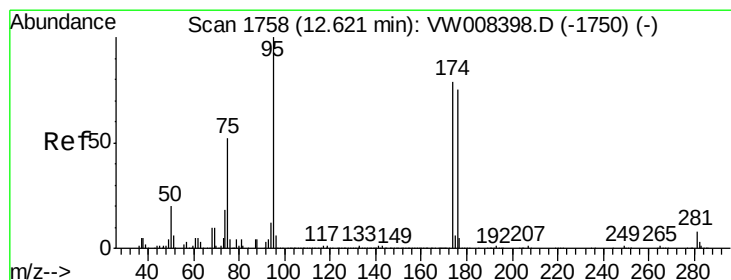
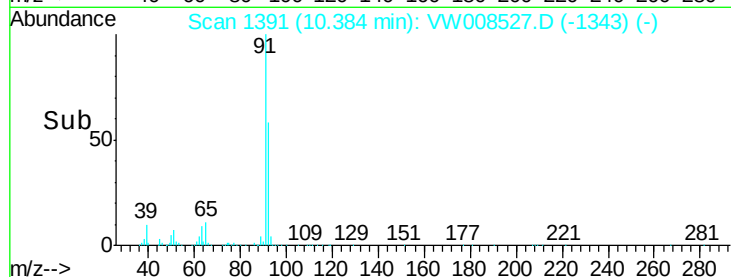
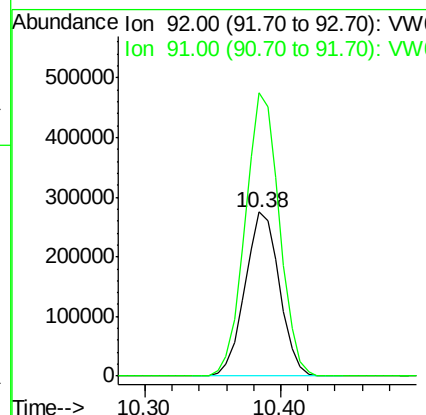
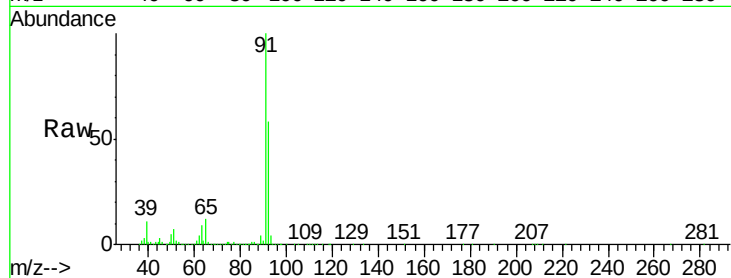
TR-05-020519

Tot Ion: 92 Resp: 486281

Ion Ratio Lower Upper

92 100

91 171.3 135.5 203.3



#62

4-Bromofluorobenzene

Concen: 47.212 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008527.D

Acq: 06 Feb 2019 15:01

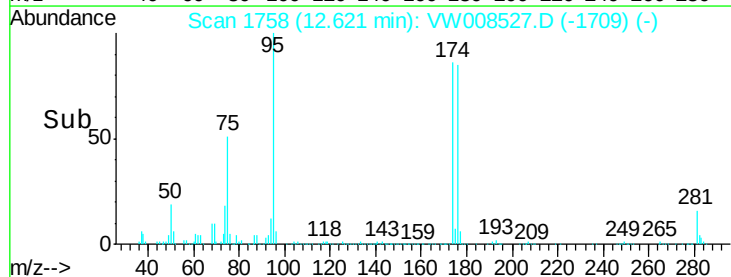
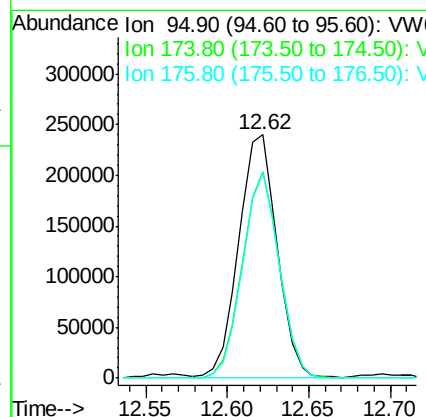
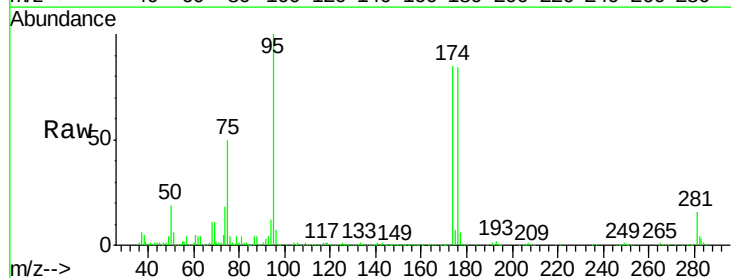
Tgt Ion: 95 Resp: 390797

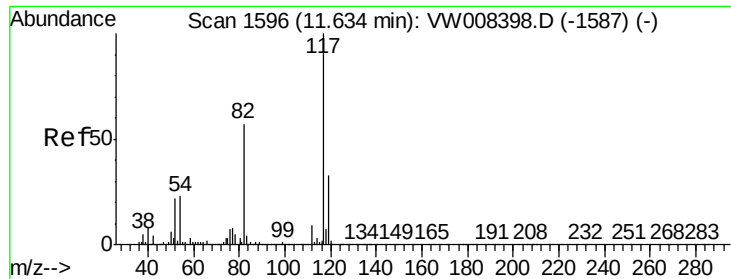
Ion Ratio Lower Upper

95 100

174 82.7 0.0 157.6

176 81.3 0.0 151.8

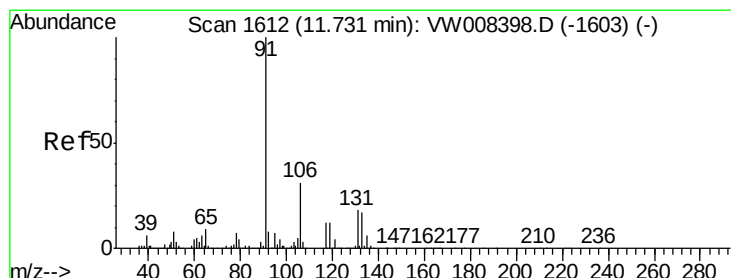
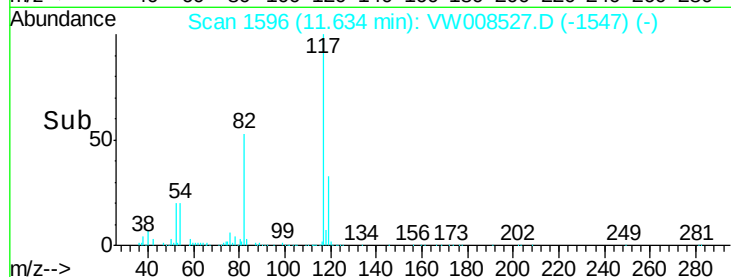
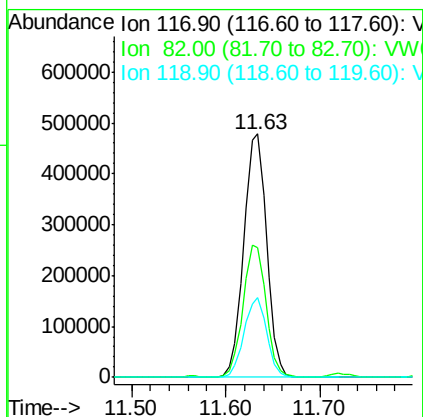
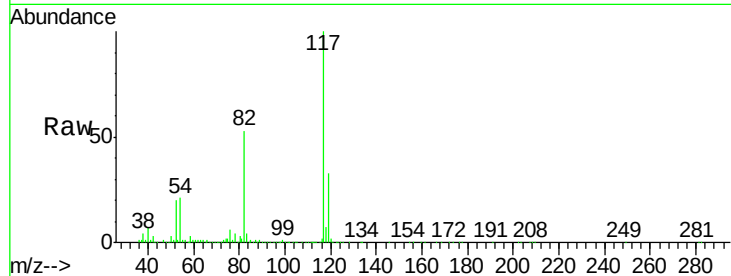




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008527.D
Acq: 06 Feb 2019 15:01

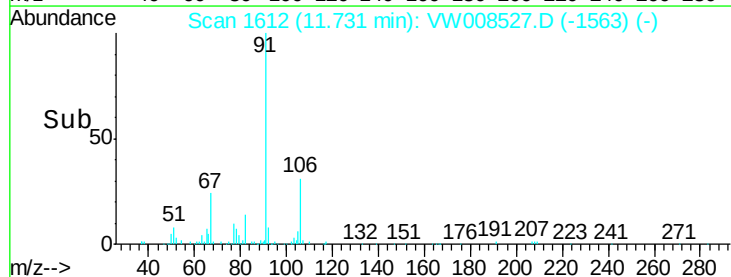
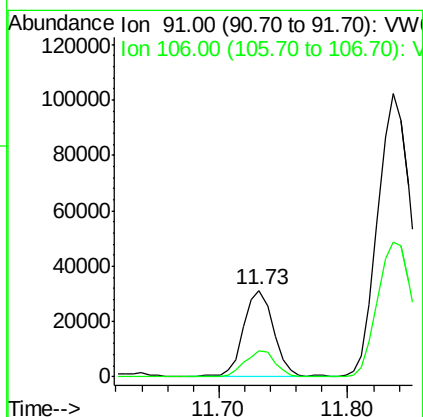
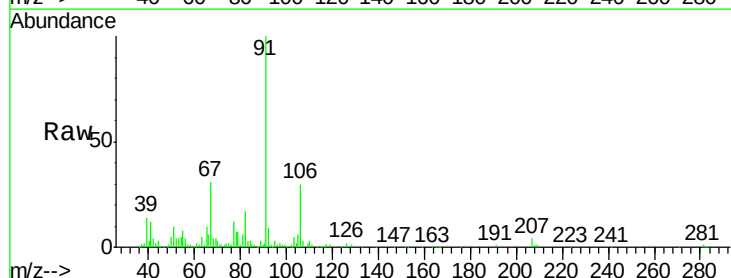
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MSVOA_W
ClientSampleId :
TR-05-020519

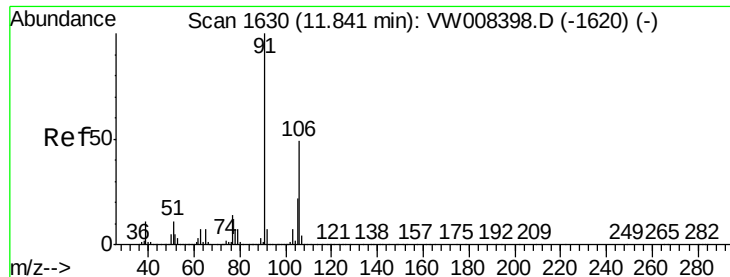
Tot Ion:117 Resp: 813813
Ion Ratio Lower Upper
117 100
82 52.6 45.4 68.0
119 32.7 26.2 39.4



#67
Ethyl Benzene
Concen: 1.657 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008527.D
Acq: 06 Feb 2019 15:01

Tgt Ion: 91 Resp: 50597
Ion Ratio Lower Upper
91 100
106 30.2 24.7 37.1

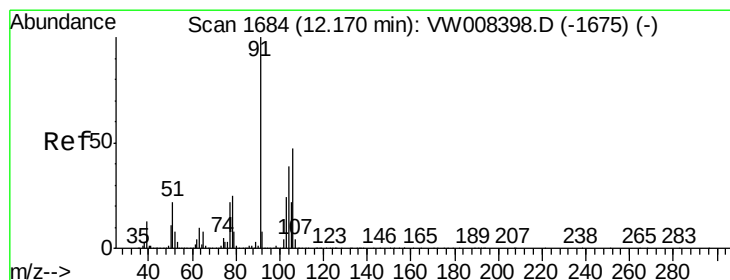
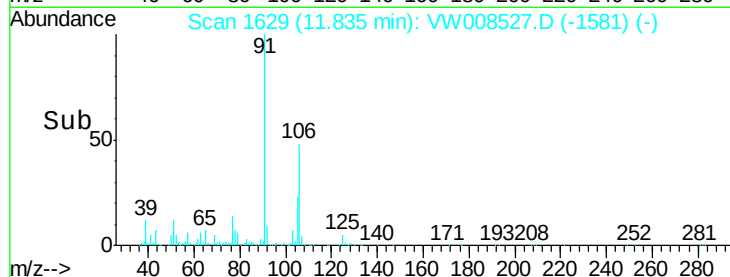
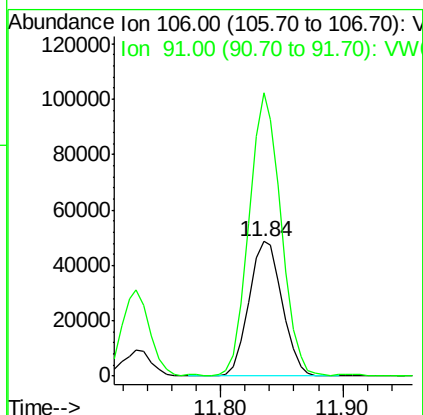
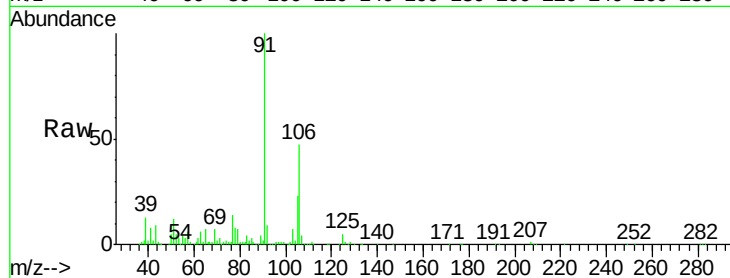




#68
m/p-Xylenes
Concen: 7.773 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008527.D
Acq: 06 Feb 2019 15:01

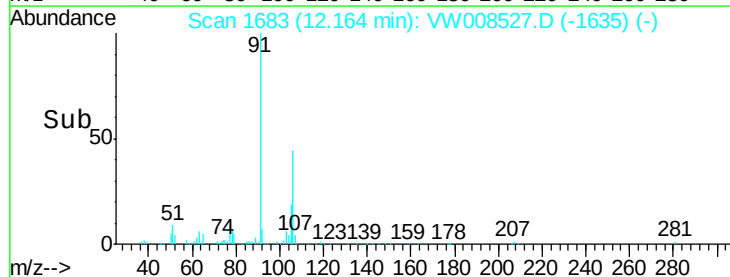
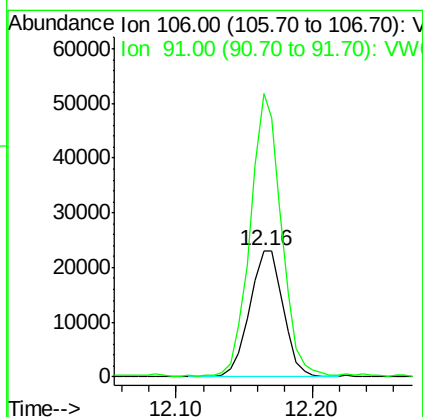
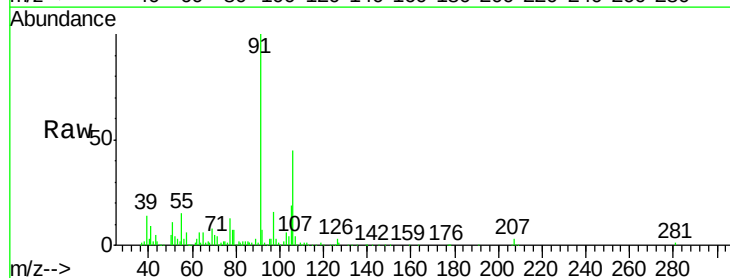
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MSVOA_W
ClientSampleId :
TR-05-020519

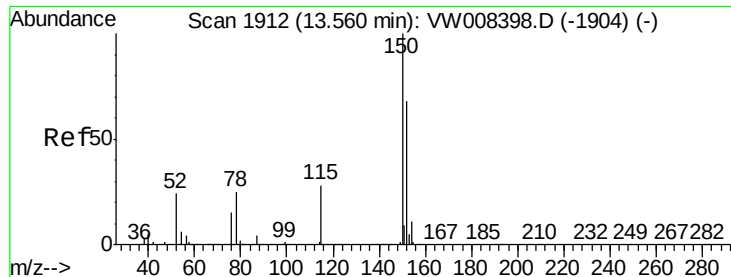
Tot Ion:106 Resp: 92100
Ion Ratio Lower Upper
106 100
91 199.5 162.9 244.3



#69
o-Xylene
Concen: 3.554 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008527.D
Acq: 06 Feb 2019 15:01

Tgt Ion:106 Resp: 40009
Ion Ratio Lower Upper
106 100
91 206.4 107.5 322.4



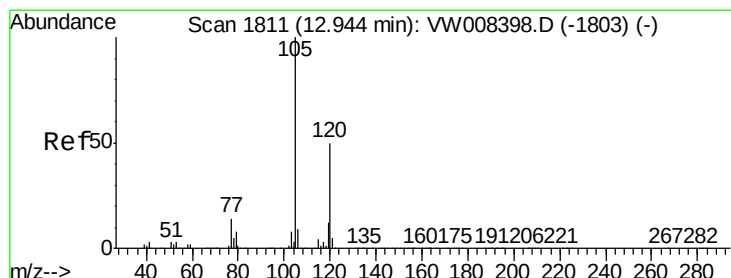
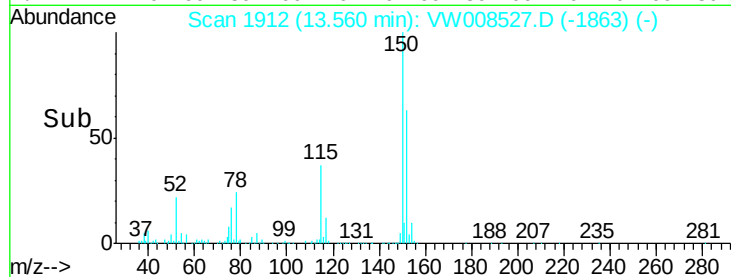
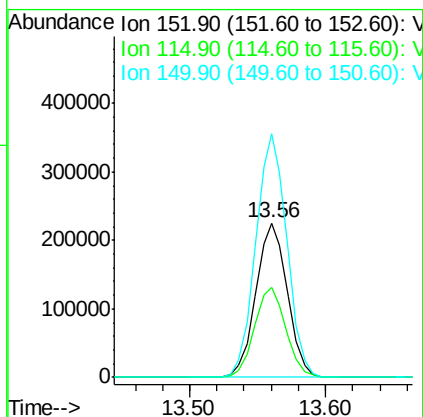
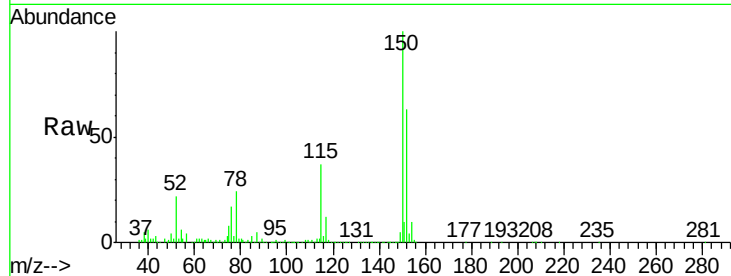


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008527.D
Acq: 06 Feb 2019 15:01

Instrument :
MSVOA_W
ClientSampled :
TR-05-020519

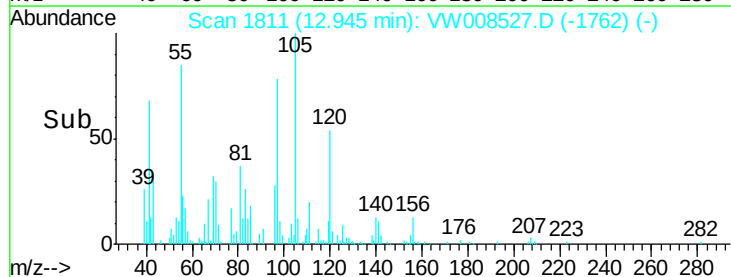
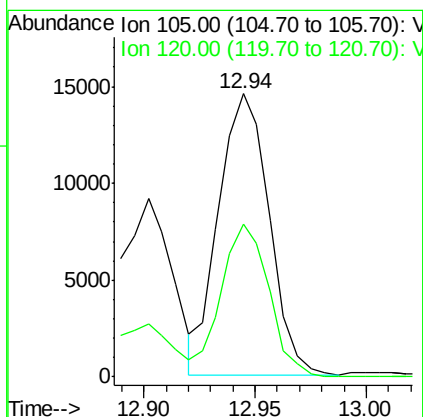
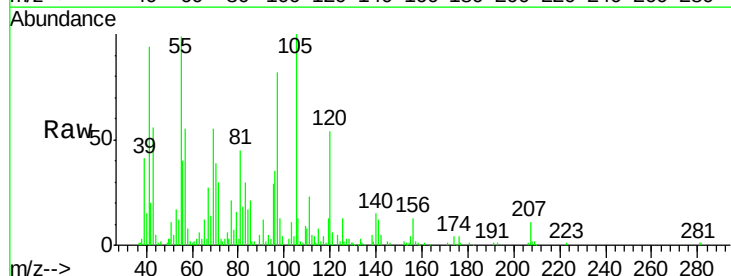
Tot Ion:152 Resp: 363716
Ion Ratio Lower Upper
152 100
115 58.2 29.9 89.7
150 156.3 0.0 351.4

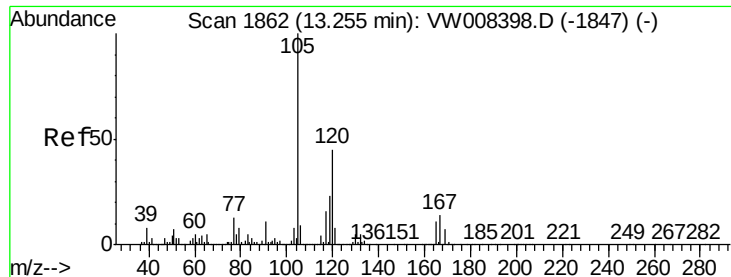


#80

1,3,5-Trimethylbenzene
Concen: 1.012 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008527.D
Acq: 06 Feb 2019 15:01

Tgt Ion:105 Resp: 22929
Ion Ratio Lower Upper
105 100
120 51.3 24.6 73.8

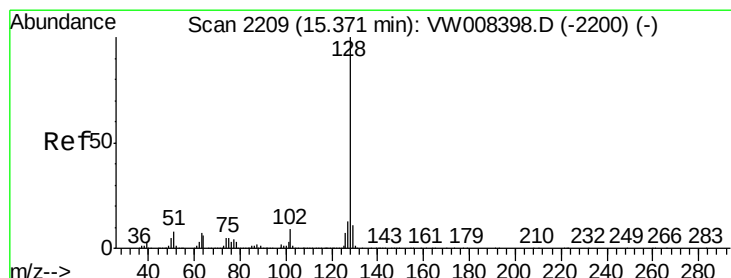
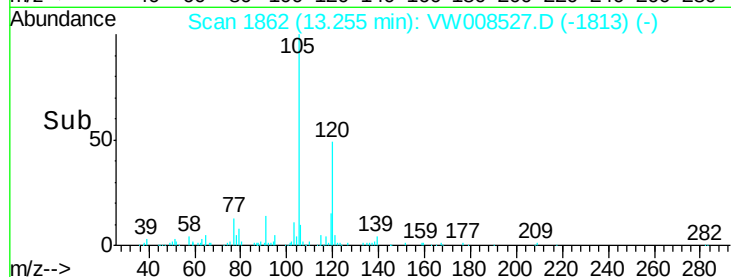
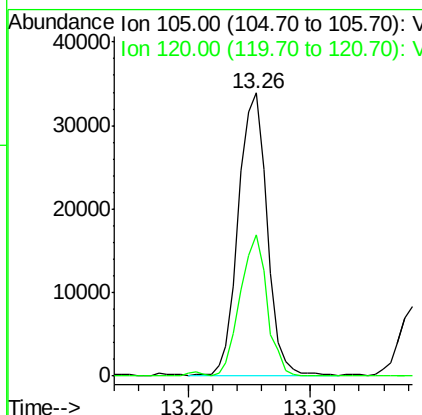
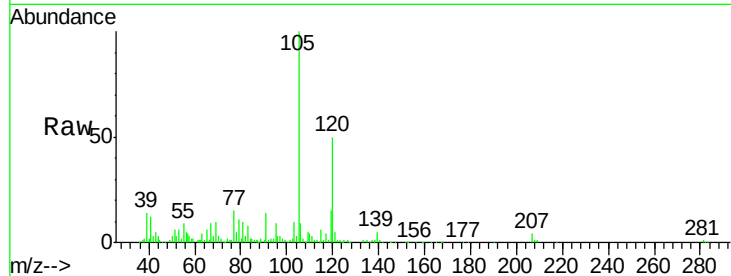




#84
 1,2,4-Trimethylbenzene
 Concen: 2.388 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008527.D
 Acq: 06 Feb 2019 15:01

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-020519

Tot Ion:105 Resp: 55004
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2



#95
 Naphthalene
 Concen: 4.329 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW008527.D
 Acq: 06 Feb 2019 15:01

Tgt Ion:128 Resp: 57401
 Ion Ratio Lower Upper
 128 100
 127 16.1 10.6 15.8#
 129 10.8 8.7 13.1

