

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020419\
 Data File : VW008501.D
 Acq On : 04 Feb 2019 15:01
 Operator : SY/VA
 Sample : K1299-01
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0035-COMP-1

Quant Time: Feb 05 04:25:01 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	290121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	463519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	388489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	152310	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	159040	55.80	ug/l	0.00
Spiked Amount			Recovery	=	111.60%	
35) Dibromofluoromethane	7.88	113	145769	53.78	ug/l	0.00
Spiked Amount			Recovery	=	107.56%	
50) Toluene-d8	10.32	98	531222	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.62	95	179717	43.02	ug/l	0.00
Spiked Amount			Recovery	=	86.04%	

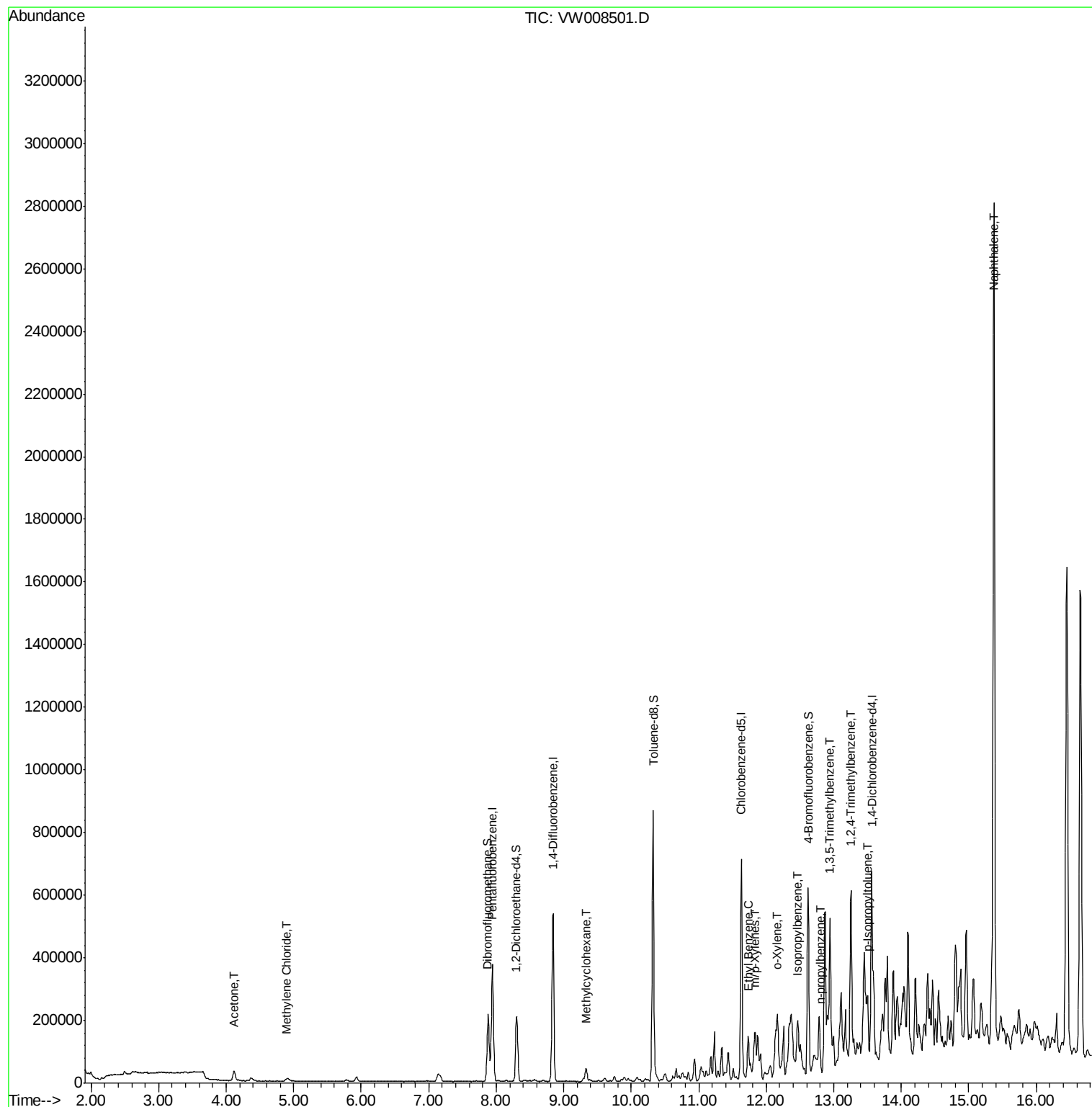
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	52952	82.731	ug/l	95
20) Methylene Chloride	4.90	84	6551	2.221	ug/l #	91
39) Methylcyclohexane	9.34	83	16913	2.940	ug/l	92
67) Ethyl Benzene	11.73	91	87060	5.972	ug/l	98
68) m/p-Xylenes	11.84	106	41614	7.358	ug/l	90
69) o-Xylene	12.16	106	43258	8.049	ug/l	100
73) Isopropylbenzene	12.46	105	77975	6.867	ug/l	98
78) n-propylbenzene	12.80	91	13851	1.016	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	149119	15.712	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	294935	30.574	ug/l	100
86) p-Isopropyltoluene	13.50	119	91214	8.633	ug/l	99
95) Naphthalene	15.37	128	2280165	410.654	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

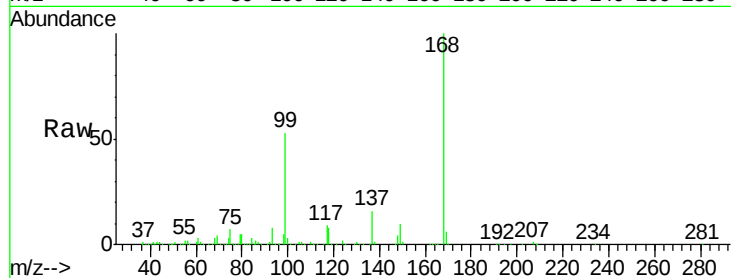
0035-COMP-1

Tot Ion:168 Resp: 290121

Ion Ratio Lower Upper

168 100

99 52.6 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

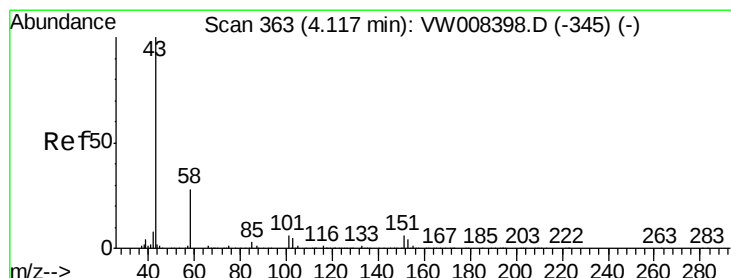
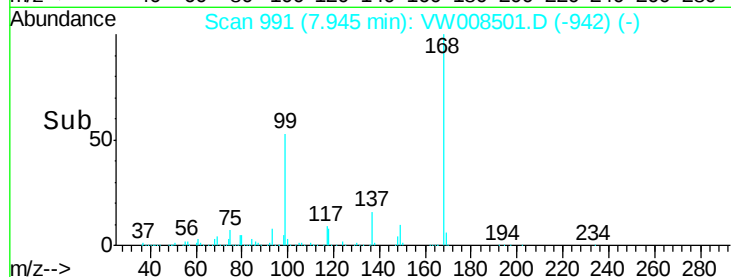
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100000

50000

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Time-->



#16

Acetone

Concen: 82.731 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008501.D

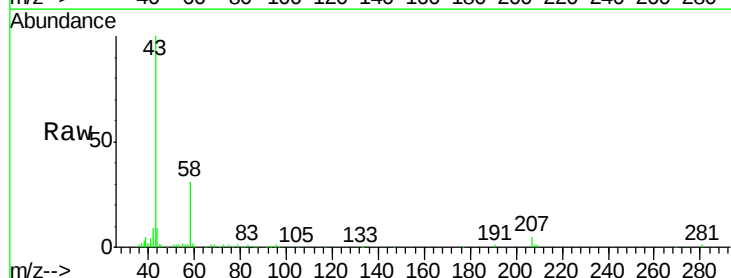
Acq: 04 Feb 2019 15:01

Tgt Ion: 43 Resp: 52952

Ion Ratio Lower Upper

43 100

58 30.8 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

20000

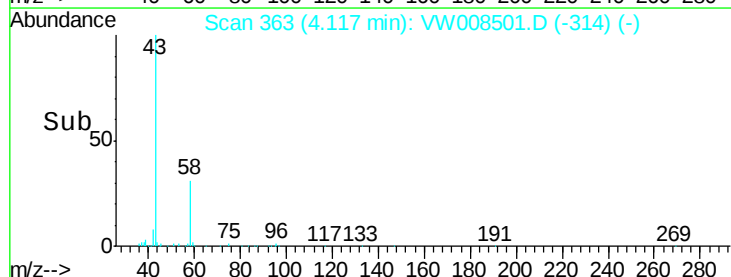
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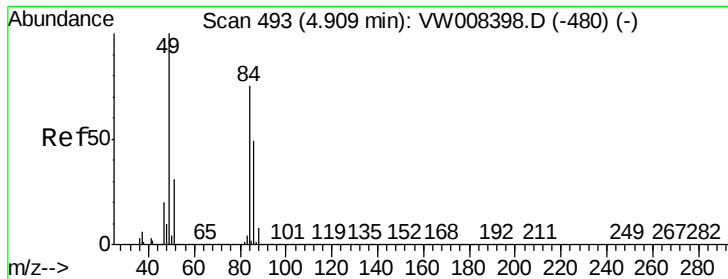
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Time-->

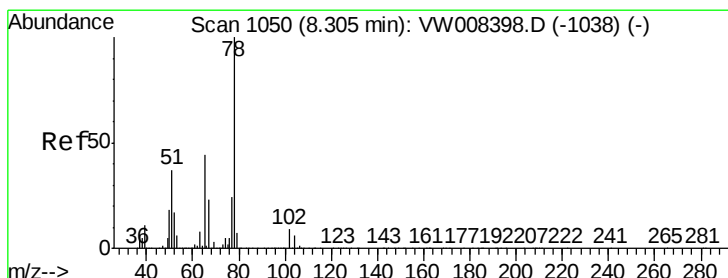
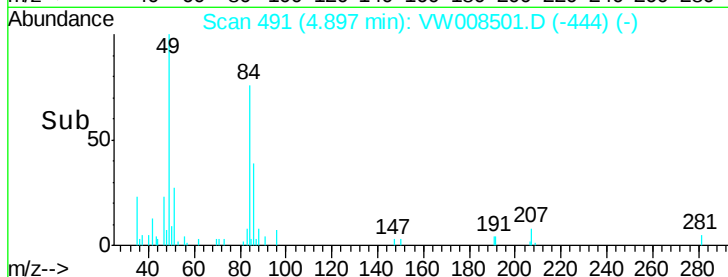
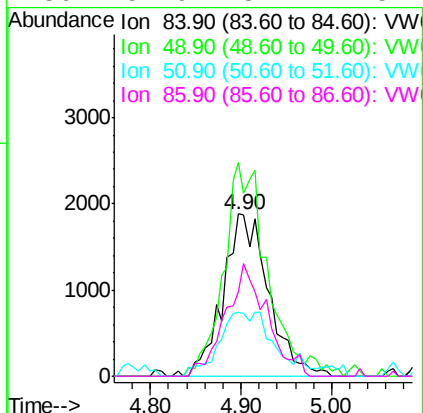
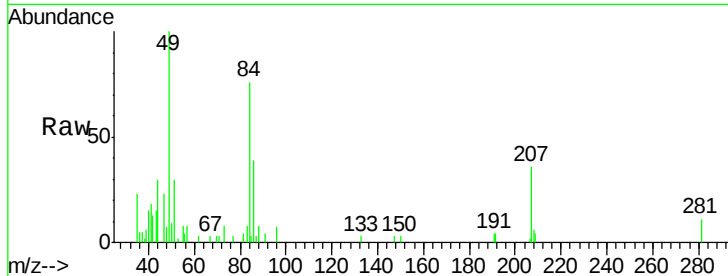




#20
Methylene Chloride
Concen: 2.221 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

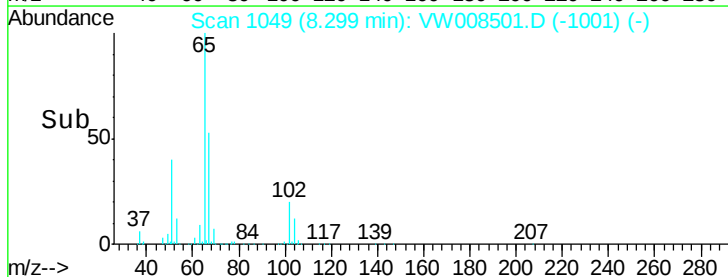
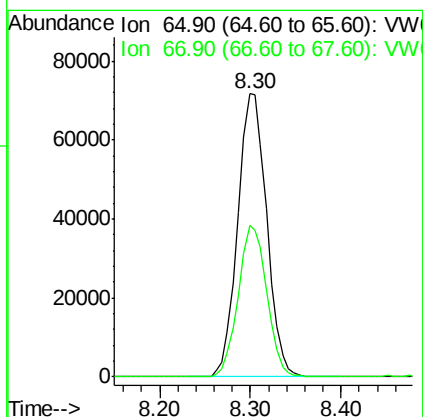
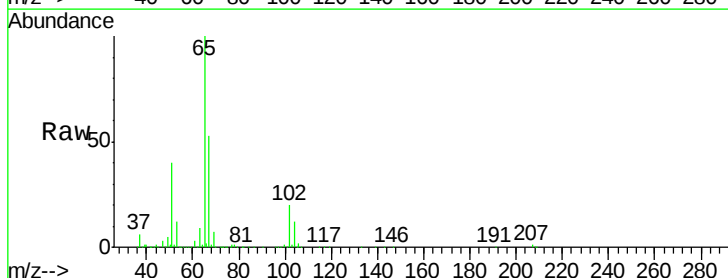
Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

Tot Ion: 84 Resp: 6551
Ion Ratio Lower Upper
84 100
49 126.7 106.8 160.2
51 35.8 32.9 49.3
86 51.9 52.2 78.2#



#33
1,2-Dichloroethane-d4
Concen: 55.800 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

Tgt Ion: 65 Resp: 159040
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0

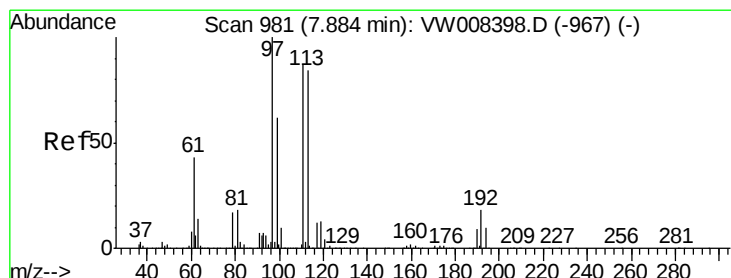
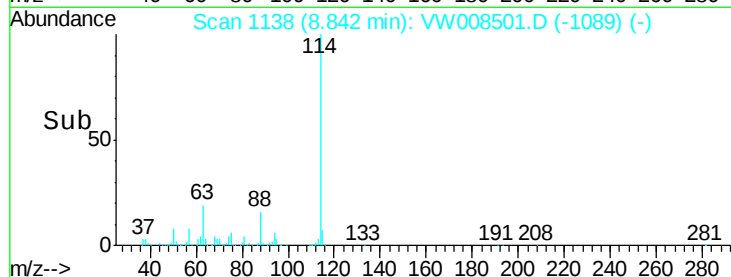
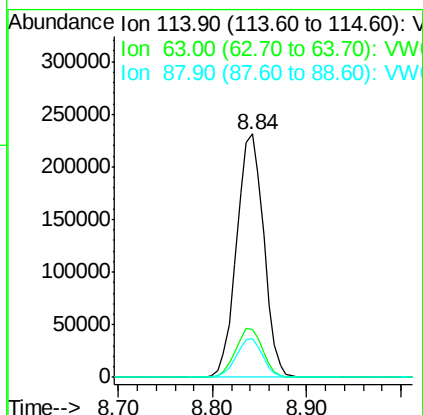
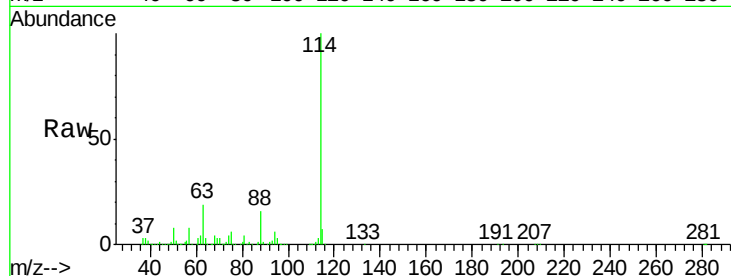




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

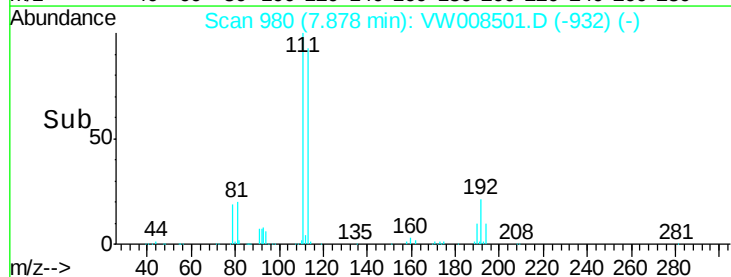
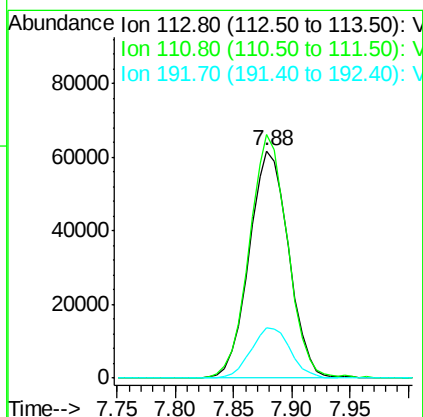
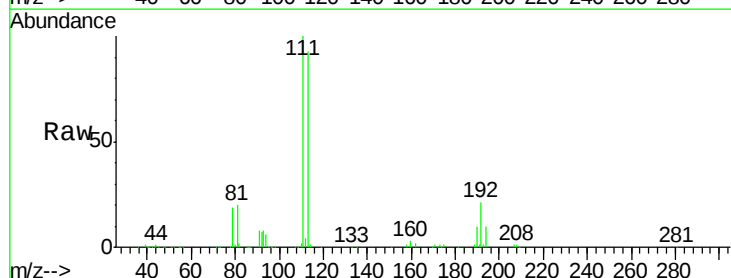
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ClientSampleId :
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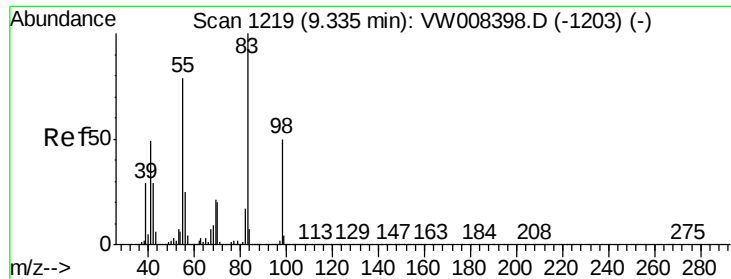
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	43.6
88	16.0	0.0	31.8



#35
Dibromofluoromethane
Concen: 53.782 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.0	121.4
192	22.5	16.8	25.2

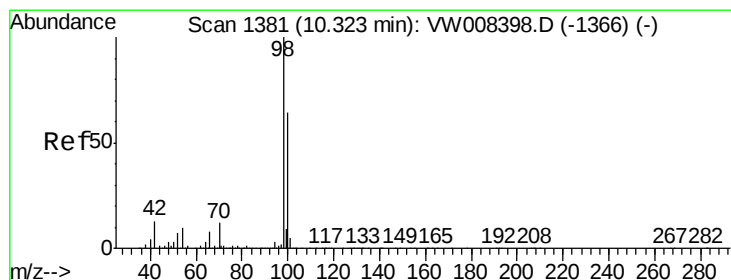
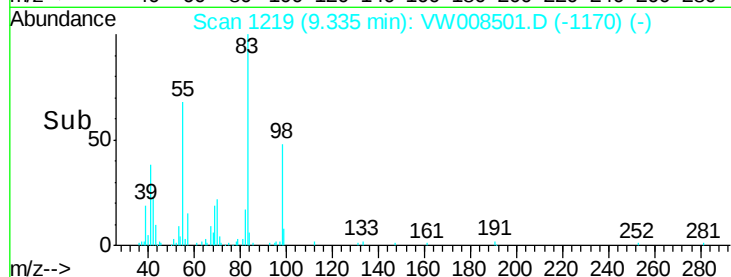
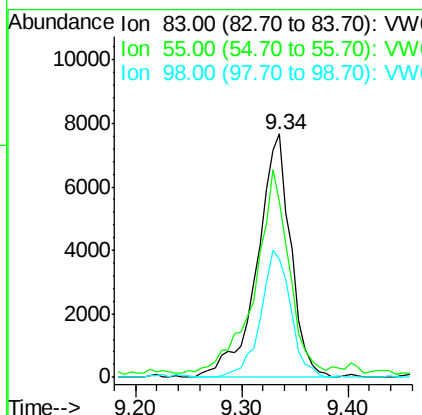
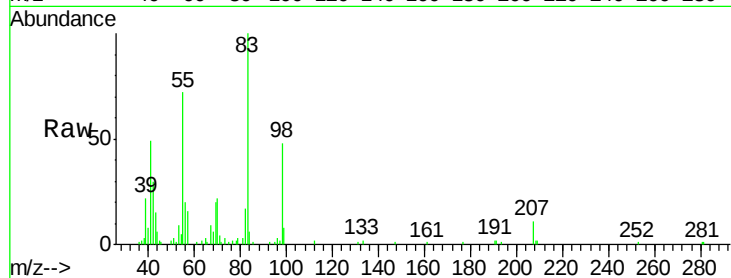




#39
Methvlcvclohexane
Concen: 2.940 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

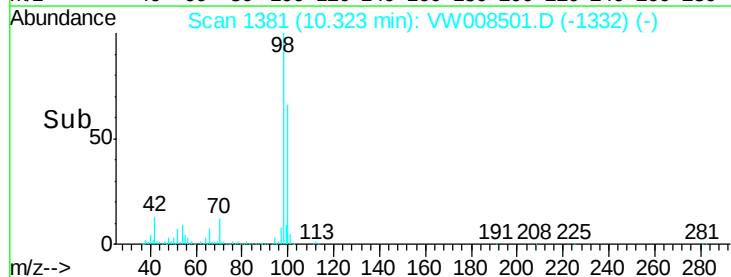
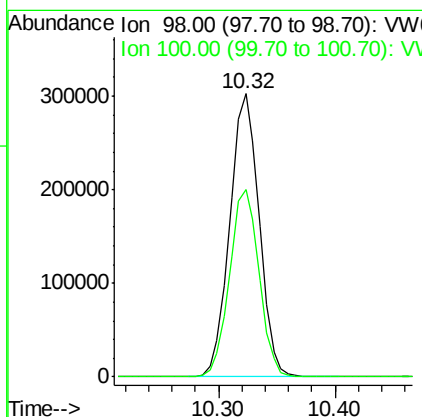
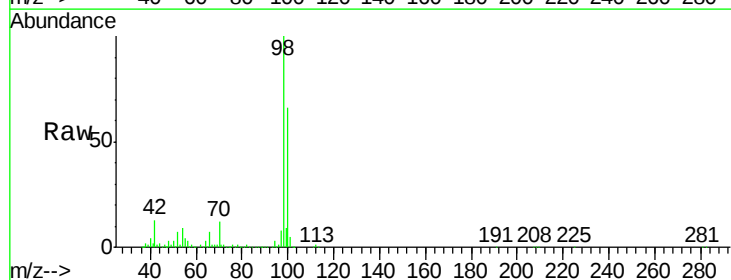
Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

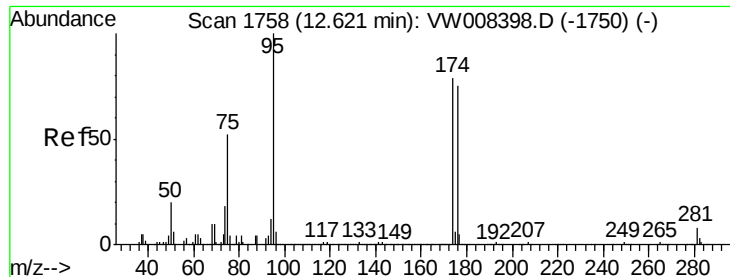
Tot Ion: 83 Resp: 16913
Ion Ratio Lower Upper
83 100
55 69.7 63.3 94.9
98 47.5 39.7 59.5



#50
Toluene-d8
Concen: 48.877 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

Tgt Ion: 98 Resp: 531222
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8

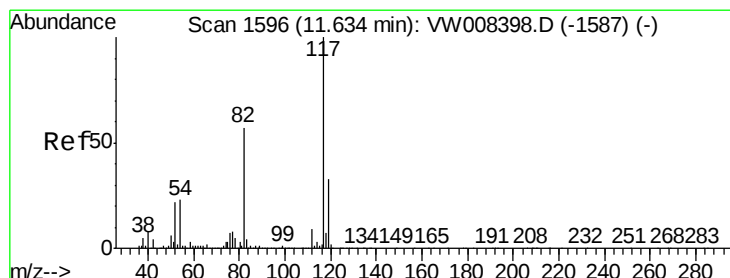
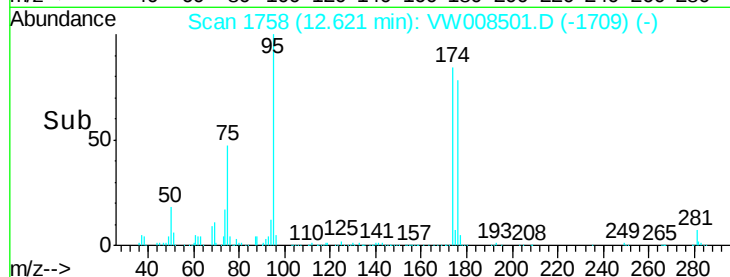
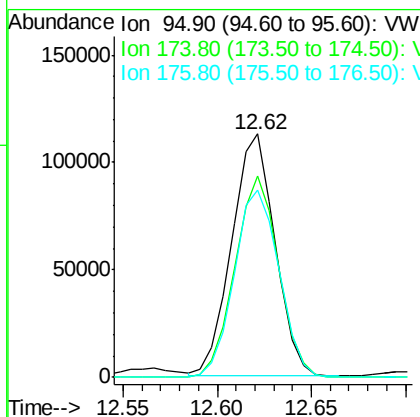
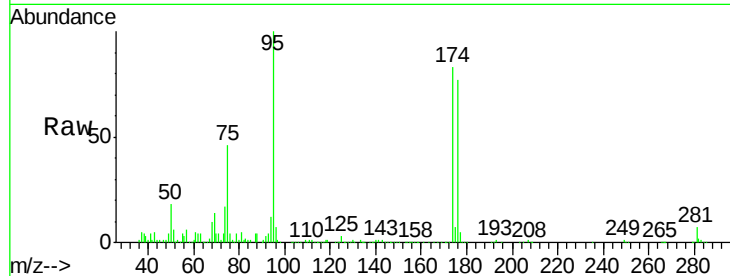




#62
4-Bromofluorobenzene
Concen: 43.018 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

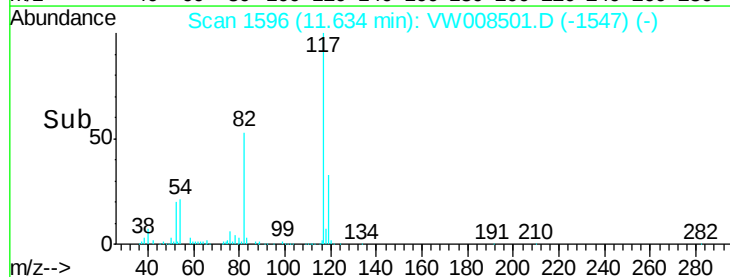
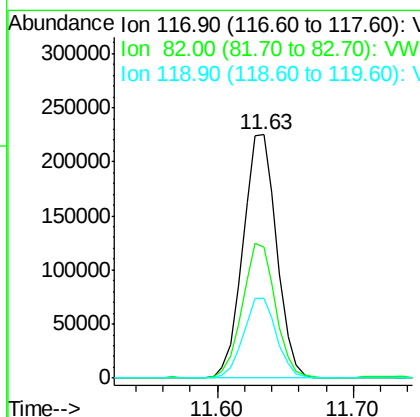
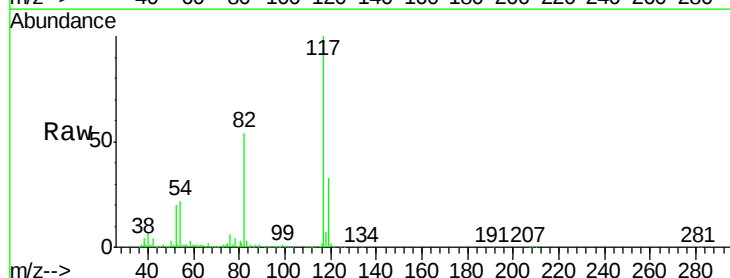
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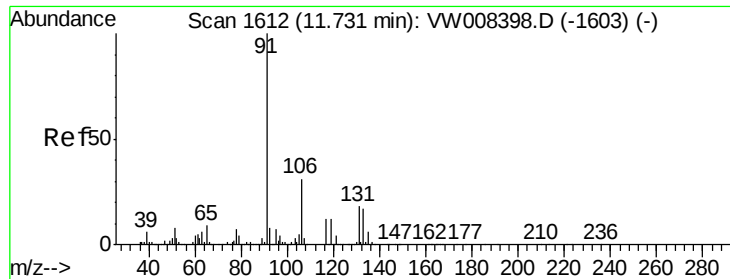
Tot Ion: 95 Resp: 179717
Ion Ratio Lower Upper
95 100
174 83.3 0.0 157.6
176 79.8 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

Tgt Ion: 117 Resp: 388489
Ion Ratio Lower Upper
117 100
82 53.4 45.4 68.0
119 33.0 26.2 39.4

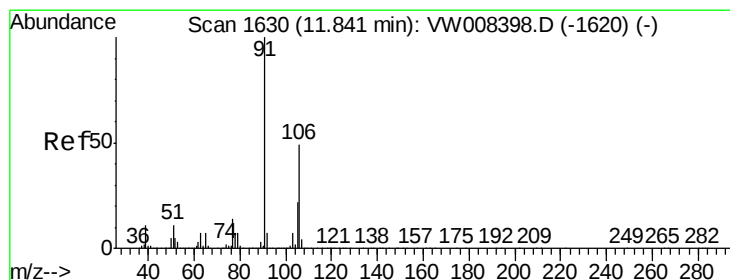
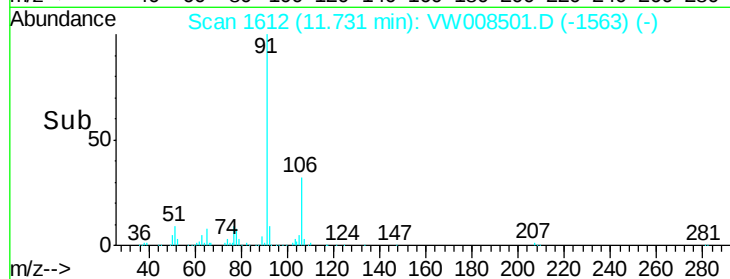
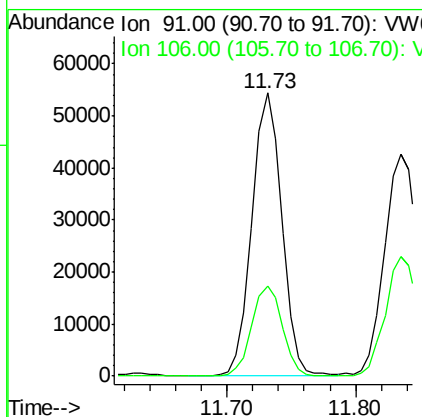
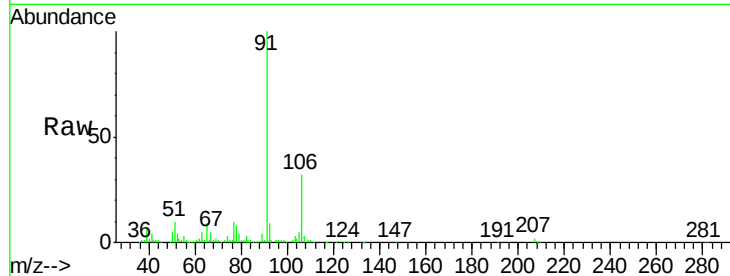




#67
Ethyl Benzene
Concen: 5.972 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

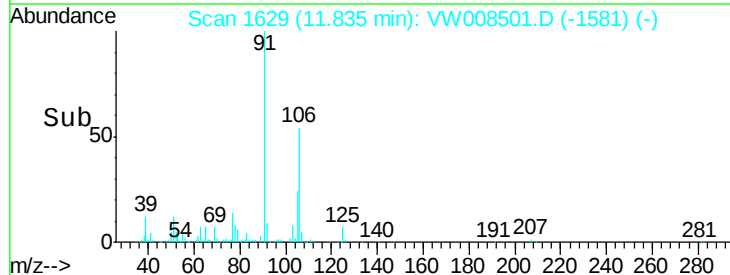
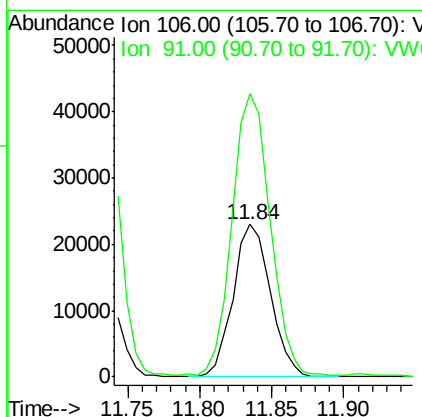
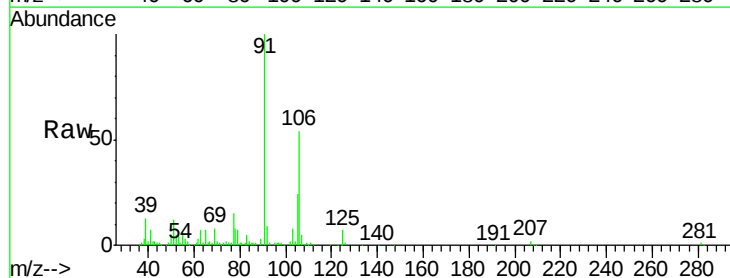
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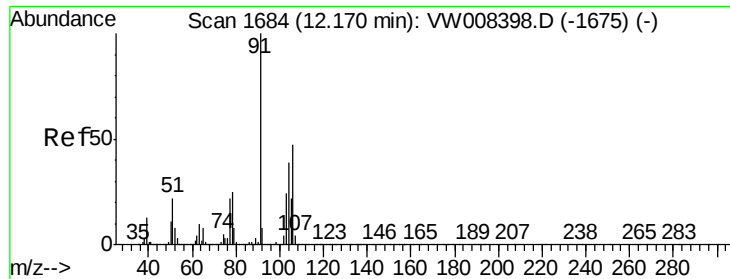
Tot Ion: 91 Resp: 87060
Ion Ratio Lower Upper
91 100
106 31.8 24.7 37.1



#68
m/p-Xylenes
Concen: 7.358 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

Tgt Ion: 106 Resp: 41614
Ion Ratio Lower Upper
106 100
91 188.1 162.9 244.3

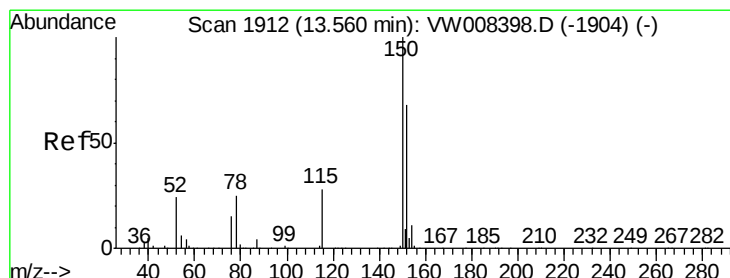
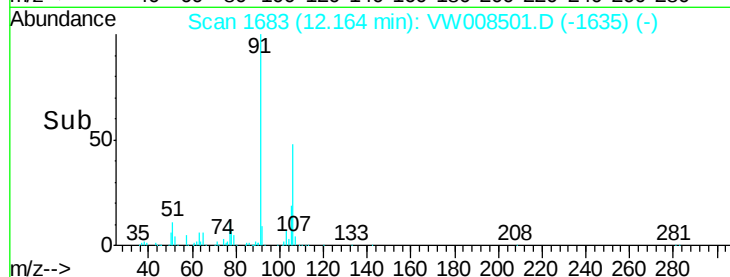
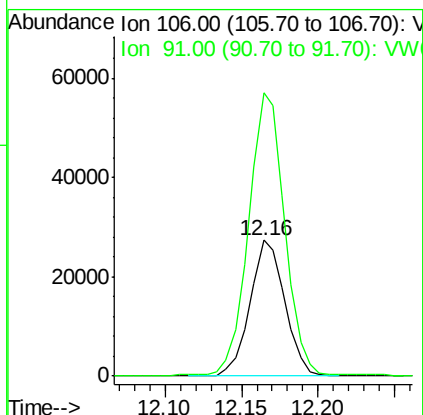
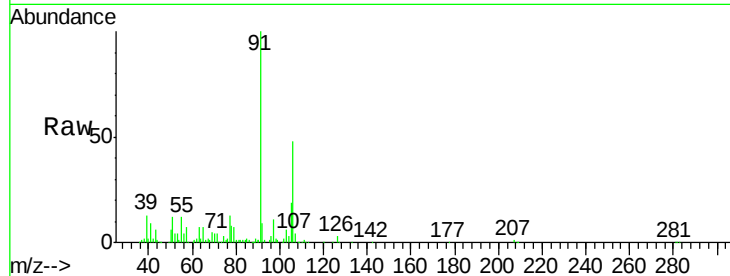




#69
o-Xylene
Concen: 8.049 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

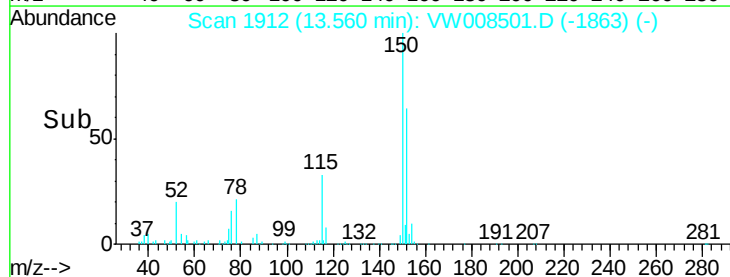
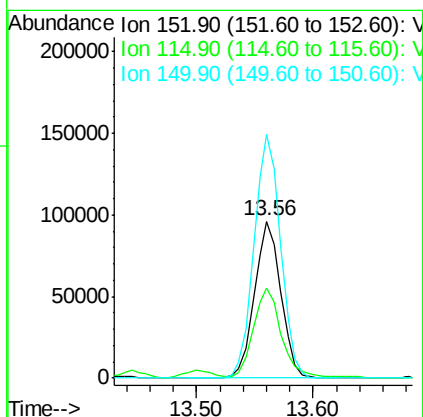
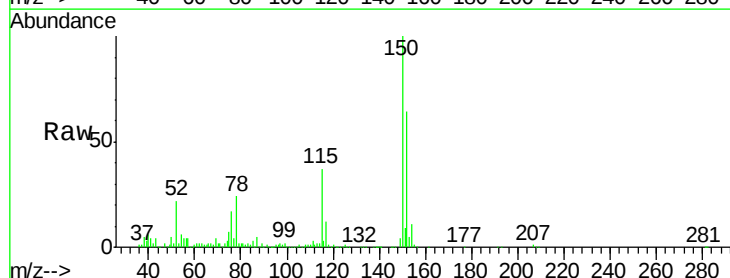
Instrument :
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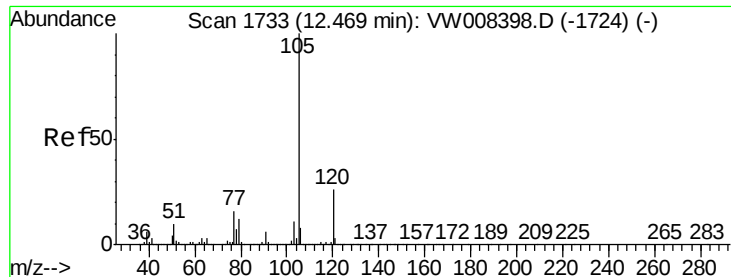
Tot Ion:106 Resp: 43258
Ion Ratio Lower Upper
106 100
91 214.4 107.5 322.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

Tgt Ion:152 Resp: 152310
Ion Ratio Lower Upper
152 100
115 58.7 29.9 89.7
150 156.1 0.0 351.4





#73

Isopropylbenzene

Concen: 6.867 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

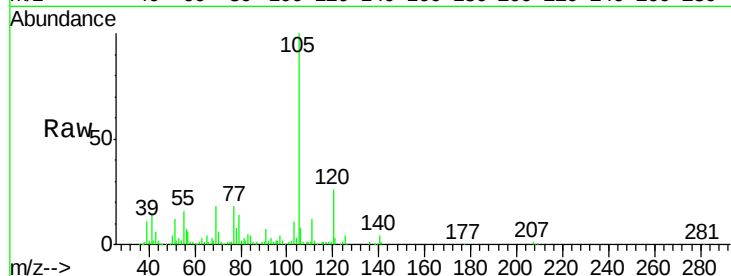
0035-COMP-1

Tot Ion: 105 Resp: 77975

Ion Ratio Lower Upper

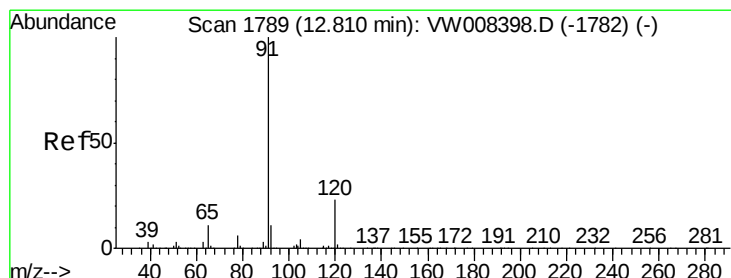
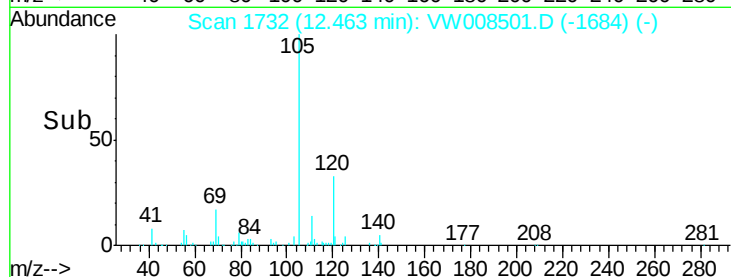
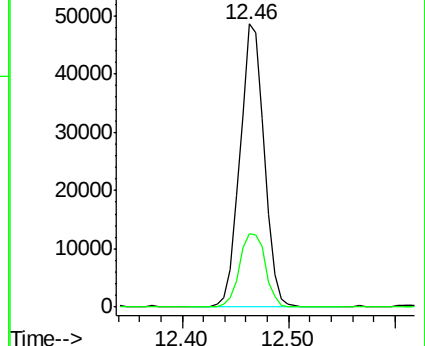
105 100

120 27.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 1.016 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008501.D

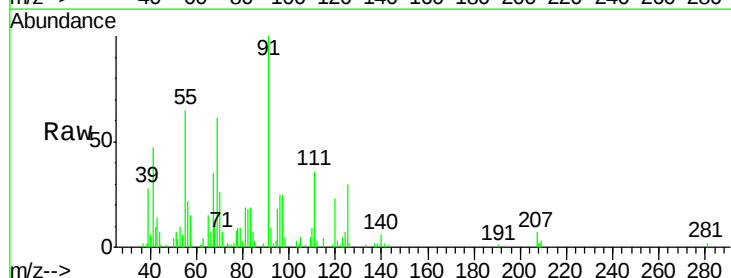
Acq: 04 Feb 2019 15:01

Tgt Ion: 91 Resp: 13851

Ion Ratio Lower Upper

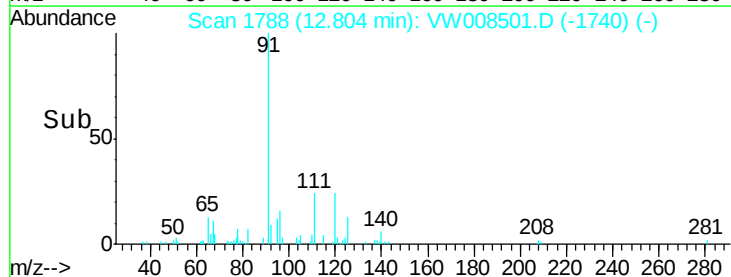
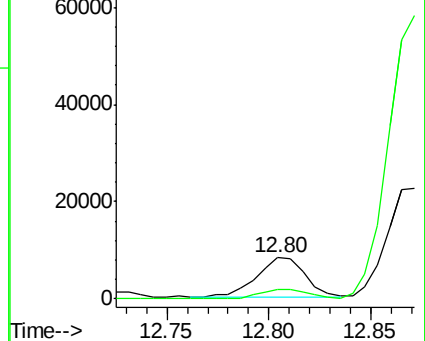
91 100

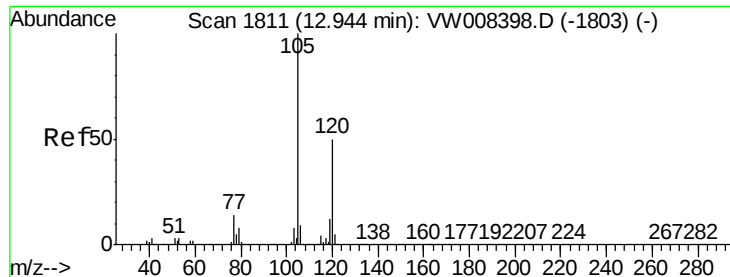
120 24.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 15.712 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008501.D

Acq: 04 Feb 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

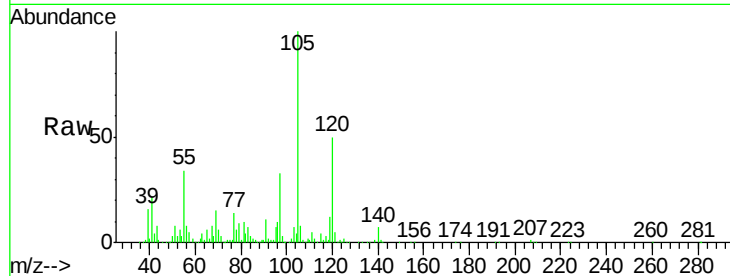
0035-COMP-1

Tot Ion:105 Resp: 149119

Ion Ratio Lower Upper

105 100

120 49.5 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

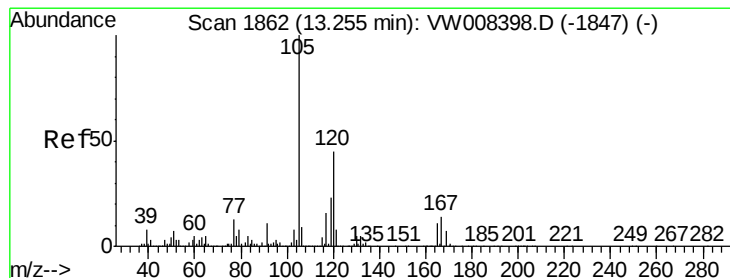
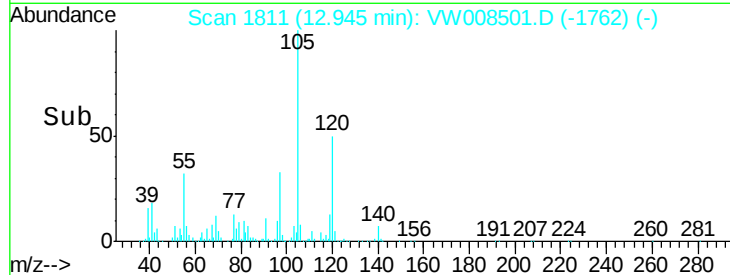
100000

50000

0

12.90 12.95 13.00

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 30.574 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008501.D

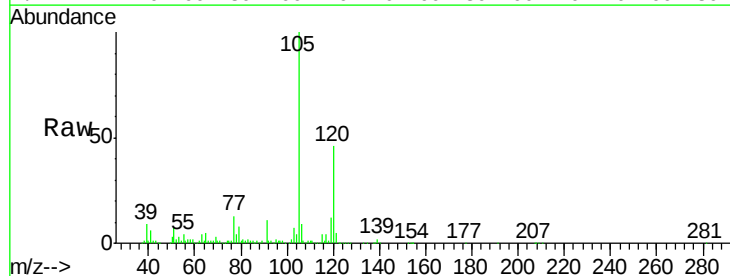
Acq: 04 Feb 2019 15:01

Tgt Ion:105 Resp: 294935

Ion Ratio Lower Upper

105 100

120 46.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

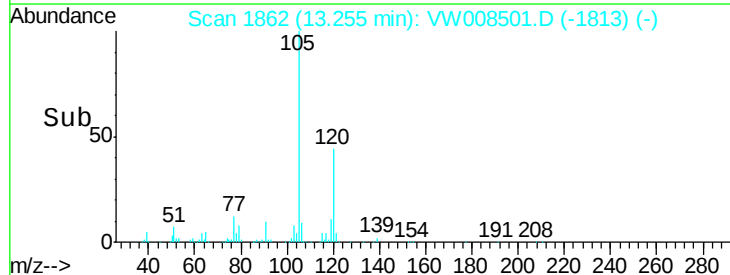
100000

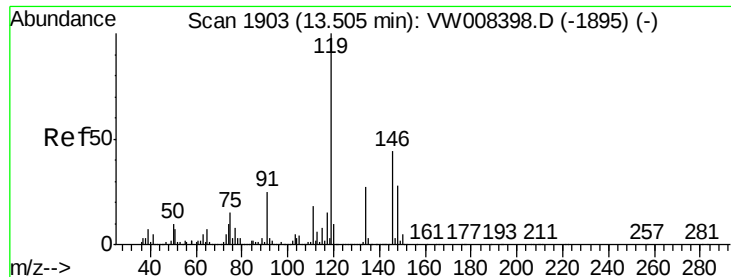
50000

0

13.20 13.30

Time-->

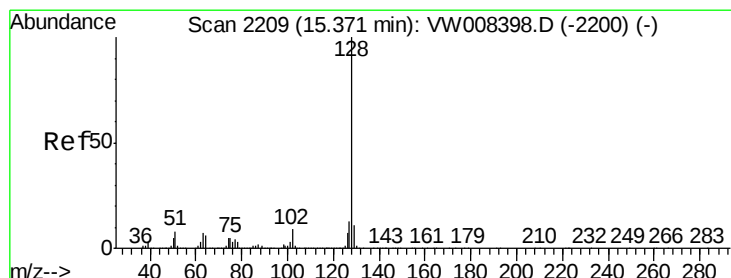
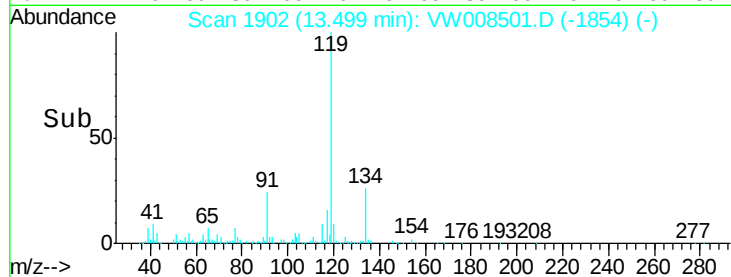
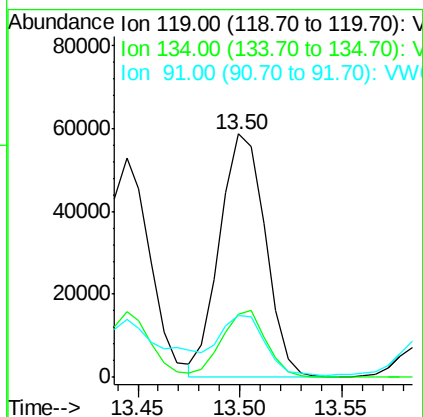
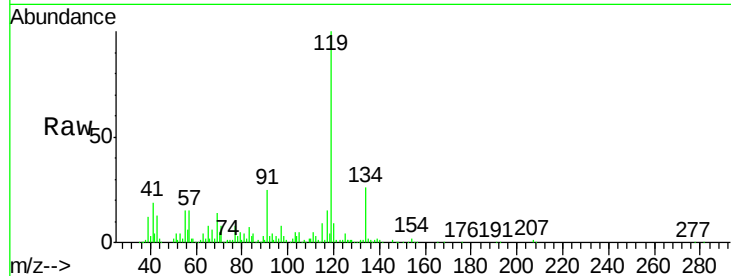




#86
p-Isopropyltoluene
Concen: 8.633 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.01 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

Tot Ion:119 Resp: 91214
Ion Ratio Lower Upper
119 100
134 26.5 13.4 40.2
91 24.2 12.6 37.6



#95
Naphthalene
Concen: 410.654 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008501.D
Acq: 04 Feb 2019 15:01

Tgt Ion:128 Resp: 2280165
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.8 8.7 13.1

