

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020419\
 Data File : VW008505.D
 Acq On : 04 Feb 2019 16:48
 Operator : SY/VA
 Sample : K1299-05
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0038-AMND-COMP-1

Quant Time: Feb 05 03:52:11 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	364434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	589161	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	527382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	241495	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	211934	59.20	ug/l	0.00
Spiked Amount			Recovery	=	118.40%	
35) Dibromofluoromethane	7.88	113	176771	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
50) Toluene-d8	10.32	98	702431	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.62	95	250743	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	

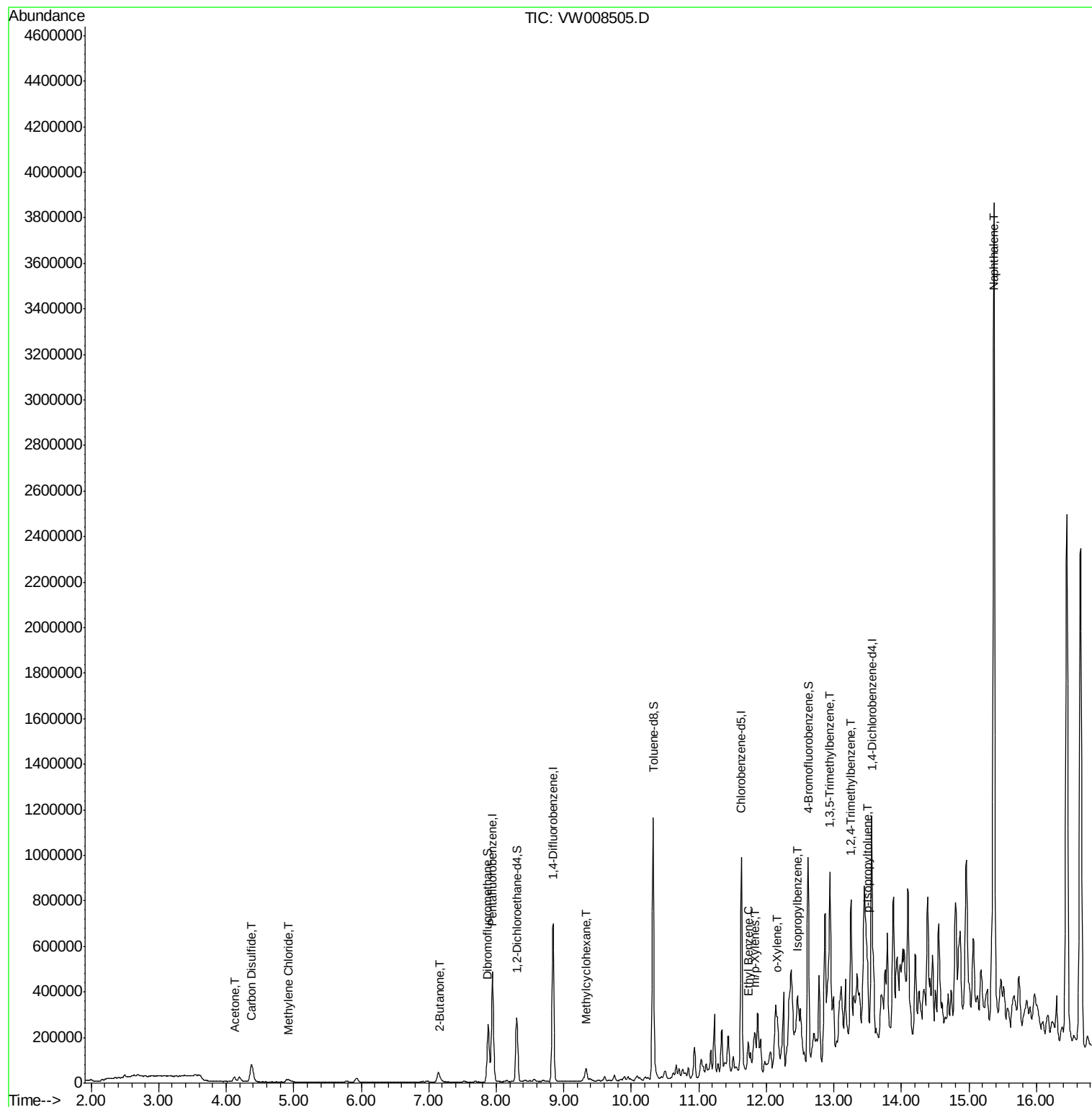
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	34394	42.779	ug/l	98
17) Carbon Disulfide	4.37	76	176643	16.580	ug/l	100
20) Methylene Chloride	4.91	84	9337	2.520	ug/l #	73
25) 2-Butanone	7.17	43	12986	11.629	ug/l	92
39) Methylcyclohexane	9.33	83	21755	2.976	ug/l	93
67) Ethyl Benzene	11.73	91	83744	4.232	ug/l	99
68) m/p-Xylenes	11.83	106	38450	5.008	ug/l	94
69) o-Xylene	12.16	106	43321	5.938	ug/l	99
73) Isopropylbenzene	12.46	105	79774	4.431	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	165544	11.001	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	315934	20.655	ug/l	100
86) p-Isopropyltoluene	13.50	119	98663	5.890	ug/l	97
95) Naphthalene	15.37	128	2991073	339.748	ug/l	99

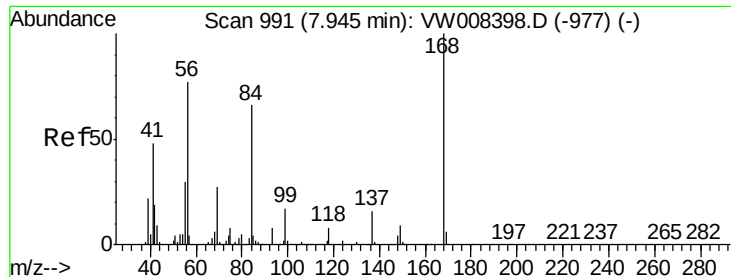
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008505.D

Acq: 04 Feb 2019 16:48

Instrument :

MSVOA_W

ClientSampleId :

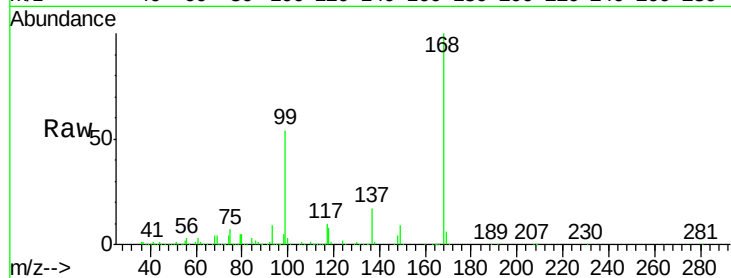
0038-AMND-COMP-1

Tot Ion:168 Resp: 364434

Ion Ratio Lower Upper

168 100

99 54.2 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

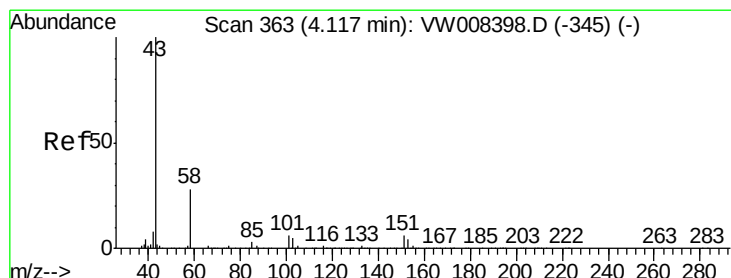
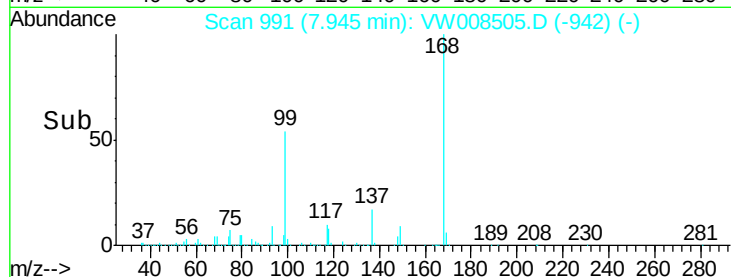
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 42.779 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008505.D

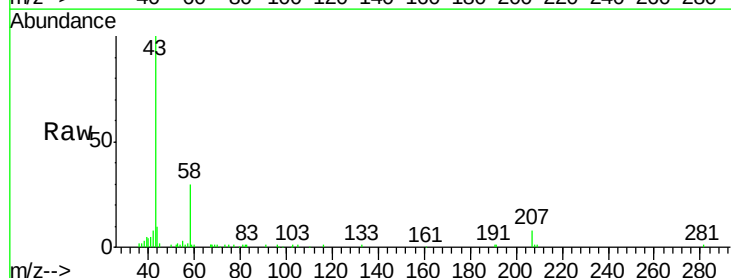
Acq: 04 Feb 2019 16:48

Tgt Ion: 43 Resp: 34394

Ion Ratio Lower Upper

43 100

58 29.5 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

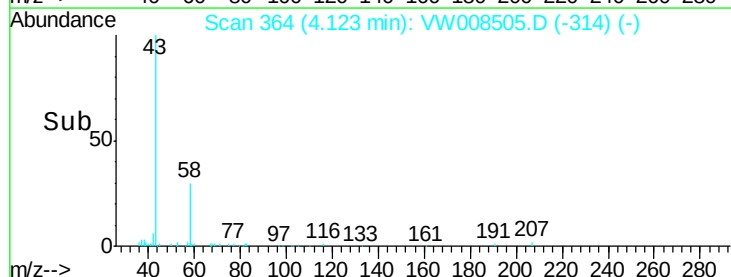
15000

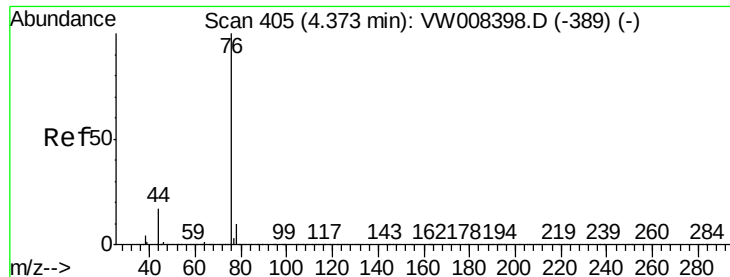
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 16.580 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008505.D

Acq: 04 Feb 2019 16:48

Instrument :

MSVOA_W

ClientSampleId :

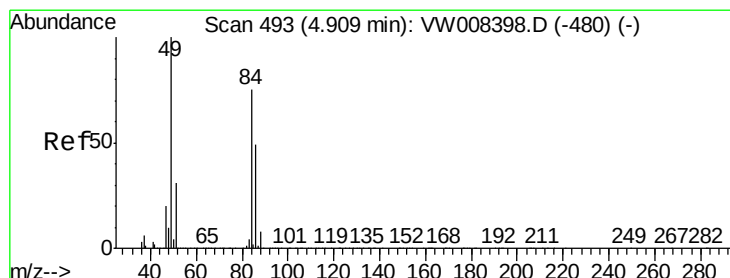
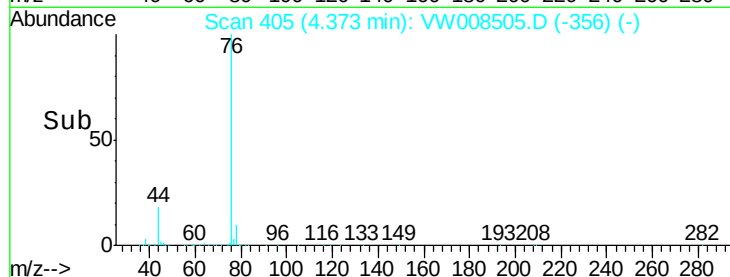
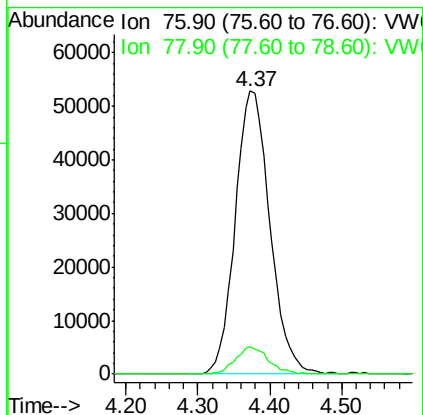
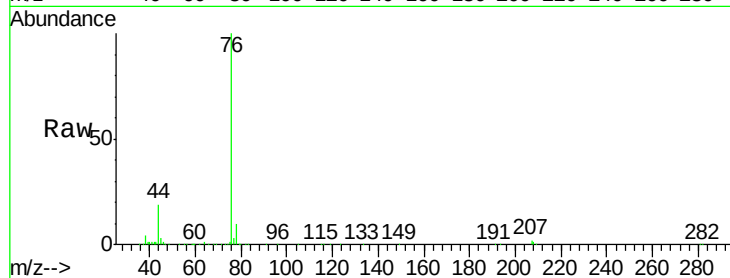
0038-AMND-COMP-1

Tot Ion: 76 Resp: 176643

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5



#20

Methylene Chloride

Concen: 2.520 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW008505.D

Acq: 04 Feb 2019 16:48

Tgt Ion: 84 Resp: 9337

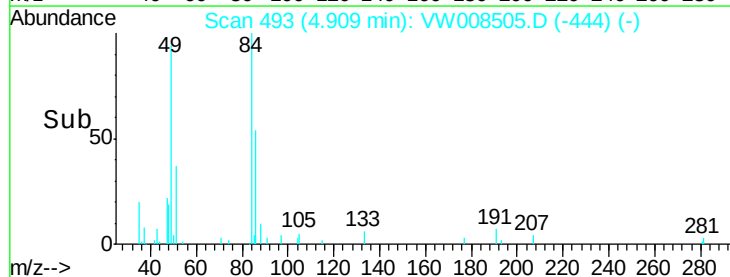
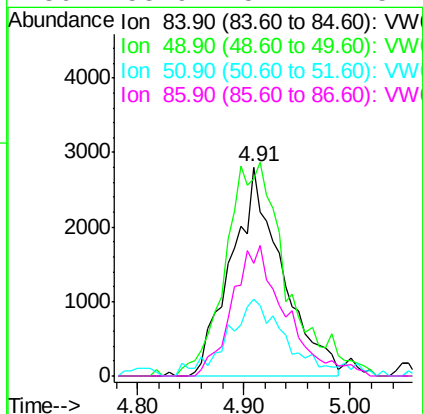
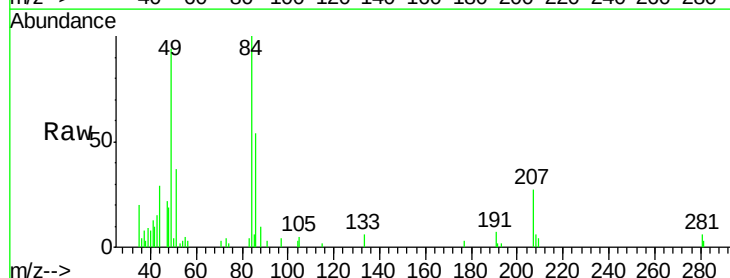
Ion Ratio Lower Upper

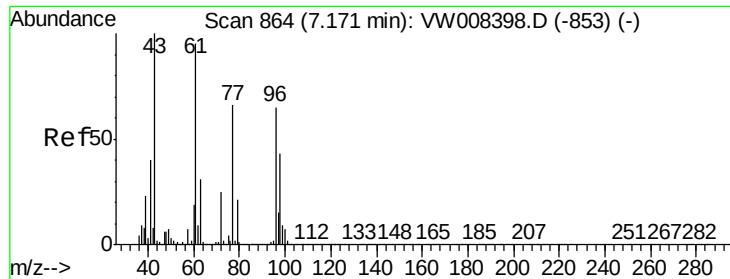
84 100

49 88.4 106.8 160.2#

51 33.0 32.9 49.3

86 53.9 52.2 78.2

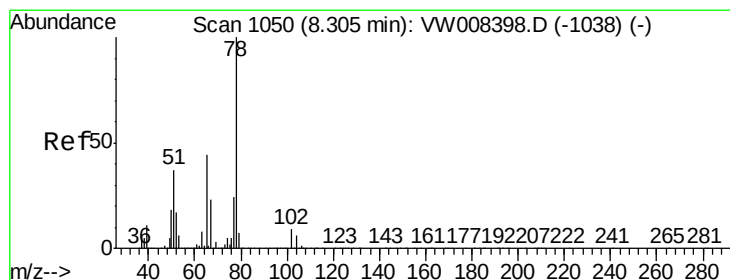
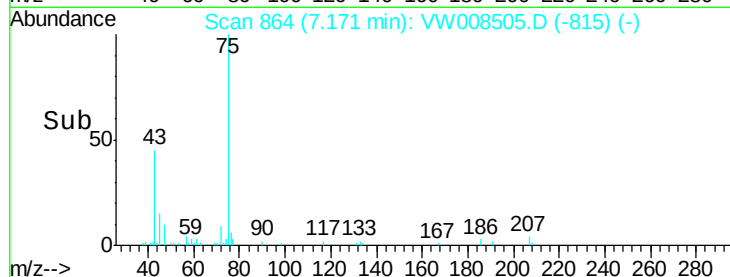
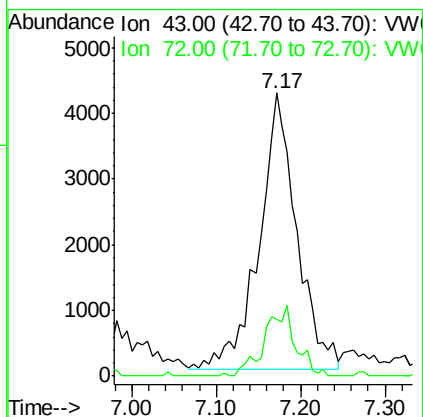
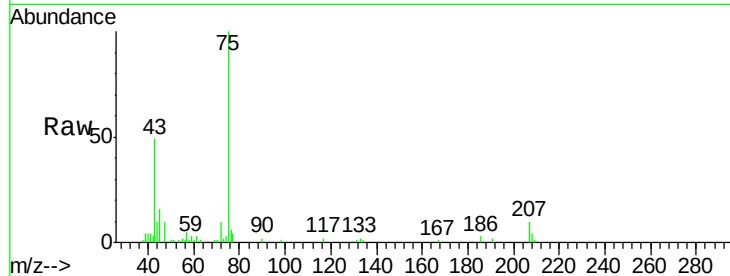




#25
2-Butanone
Concen: 11.629 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008505.D
Acq: 04 Feb 2019 16:48

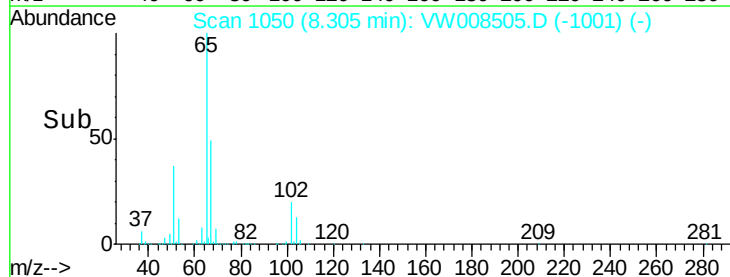
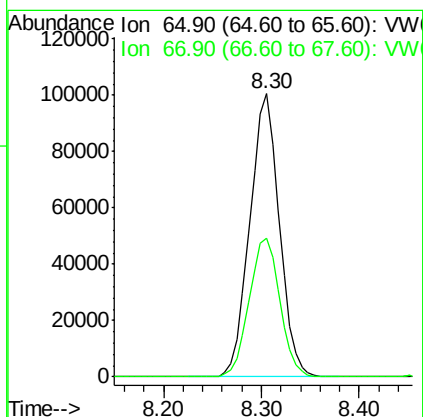
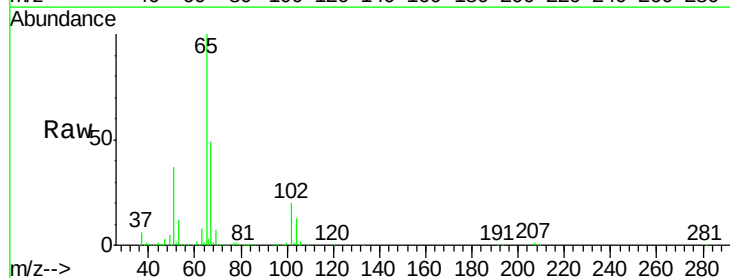
Instrument :
MSVOA_W
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0038-AMND-COMP-1

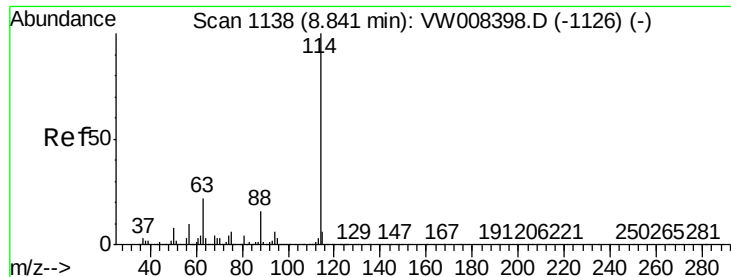
Tot Ion: 43 Resp: 12986
Ion Ratio Lower Upper
43 100
72 20.9 20.1 30.1



#33
1,2-Dichloroethane-d4
Concen: 59.196 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008505.D
Acq: 04 Feb 2019 16:48

Tgt Ion: 65 Resp: 211934
Ion Ratio Lower Upper
65 100
67 50.7 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: VW008505.D

Acq: 04 Feb 2019 16:48

Instrument :

MSVOA_W

ClientSampleId :

0038-AMND-COMP-1

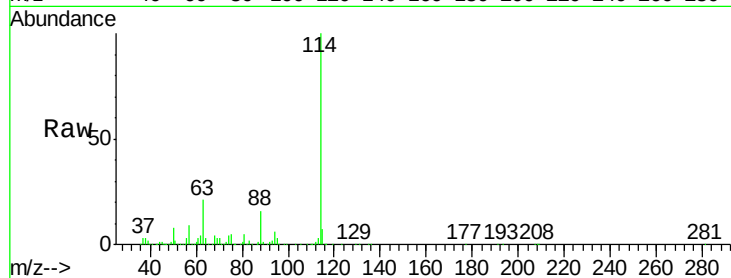
Tot Ion:114 Resp: 589161

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.6

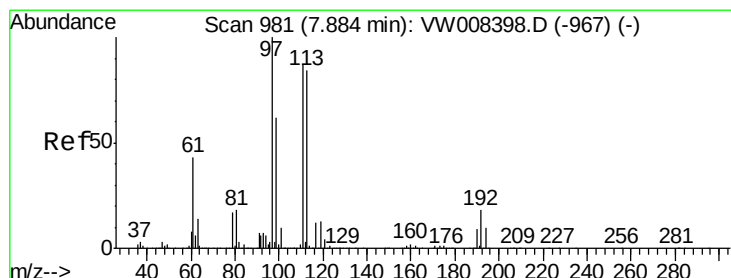
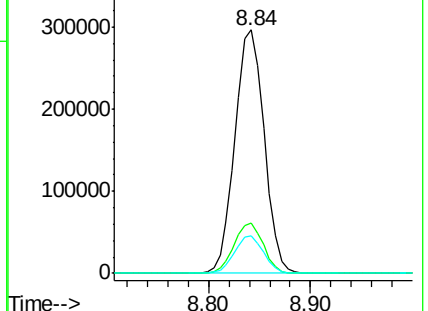
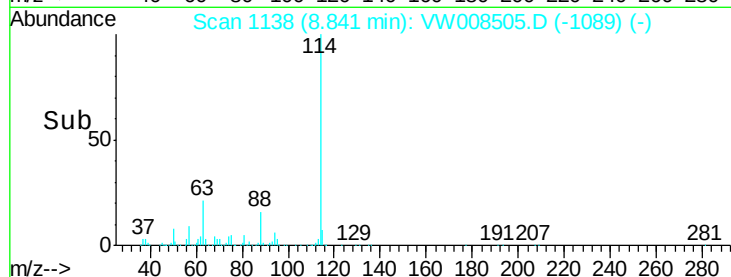
88 15.7 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 51.312 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008505.D

Acq: 04 Feb 2019 16:48

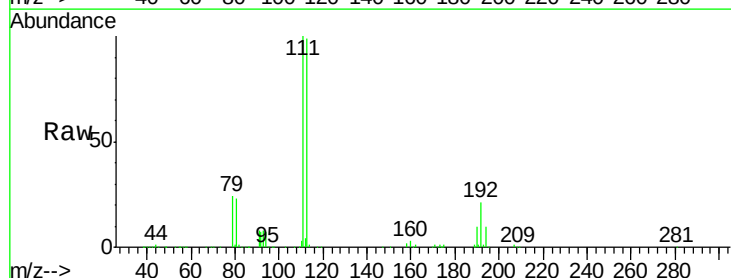
Tgt Ion:113 Resp: 176771

Ion Ratio Lower Upper

113 100

111 101.8 81.0 121.4

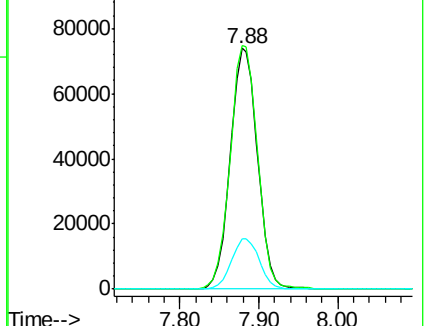
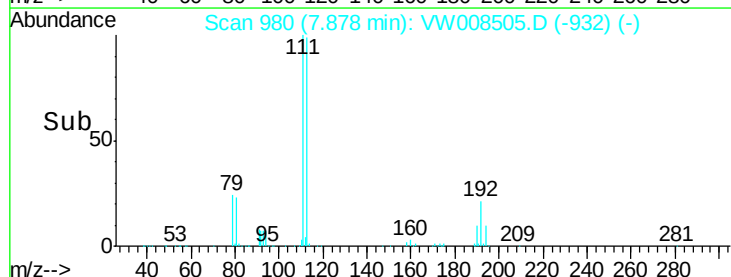
192 21.5 16.8 25.2

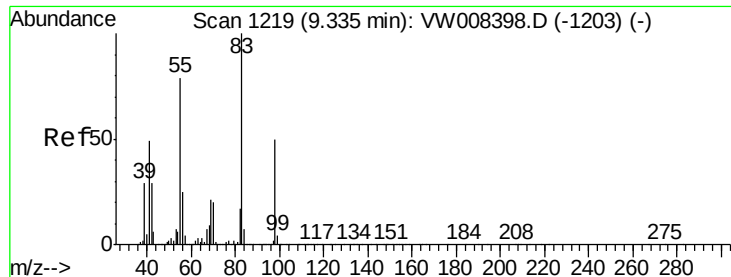


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

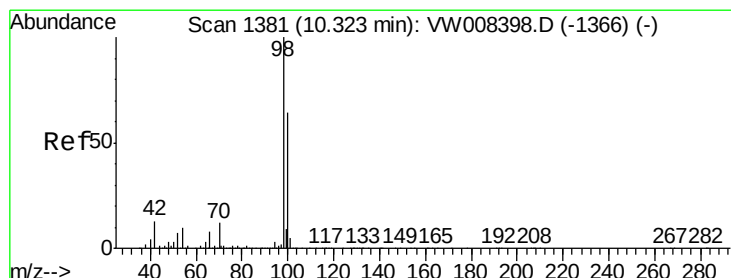
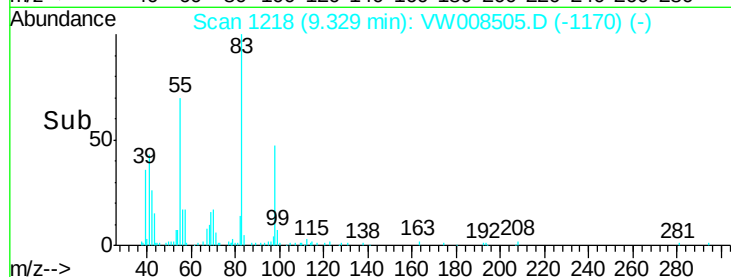
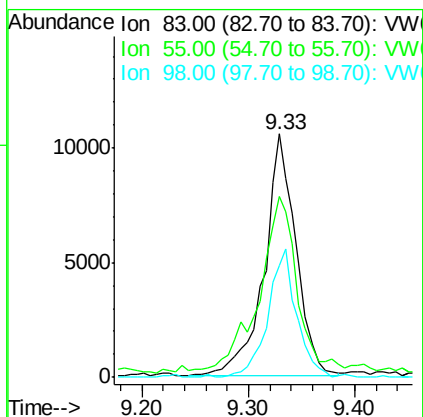
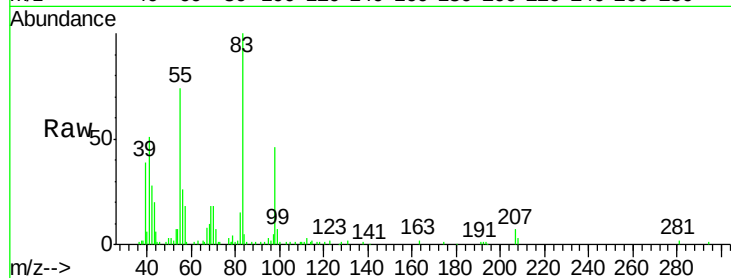




#39
Methylcyclohexane
Concen: 2.976 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008505.D
Acq: 04 Feb 2019 16:48

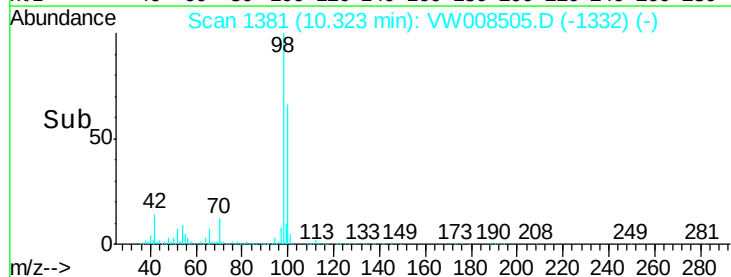
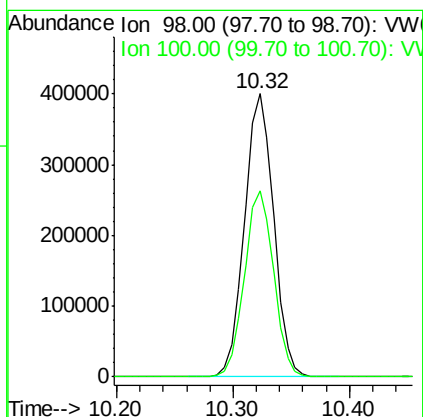
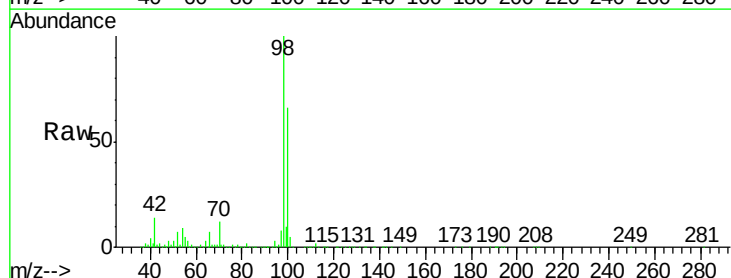
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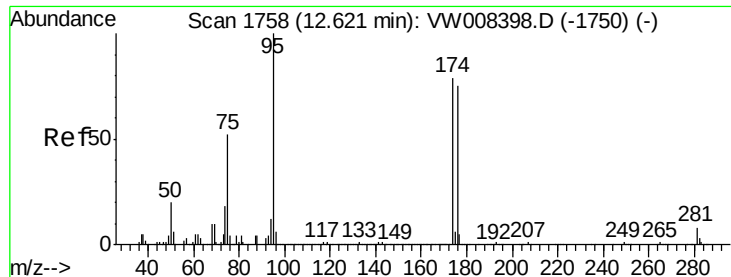
Tot Ion	83.00	Resp:	21755
Ion	Ratio	Lower	Upper
83	100		
55	72.0	63.3	94.9
98	46.4	39.7	59.5



#50
Toluene-d8
Concen: 50.847 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008505.D
Acq: 04 Feb 2019 16:48

Tgt Ion	98	Resp:	702431
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	78.8

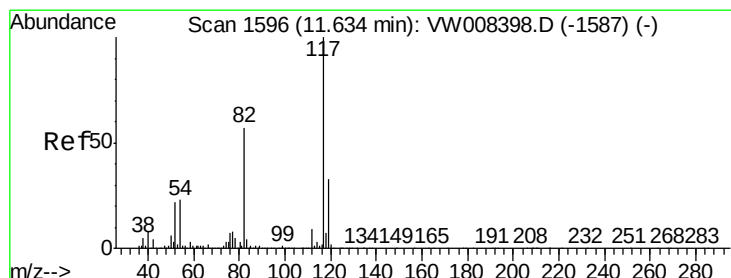
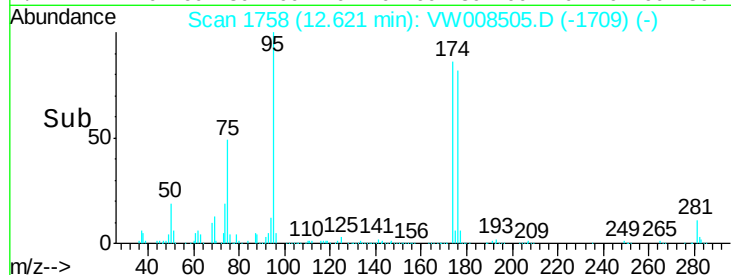
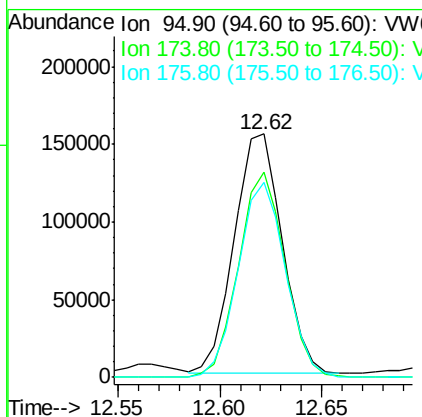
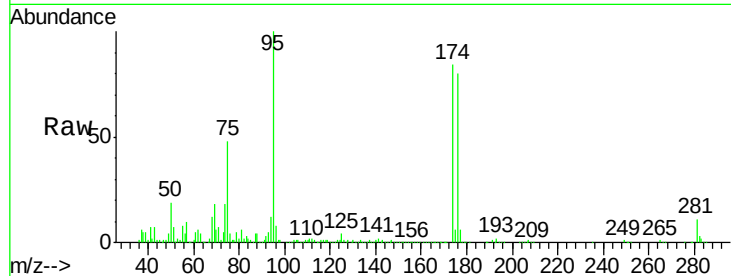




#62
4-Bromofluorobenzene
Concen: 47.220 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008505.D
Acq: 04 Feb 2019 16:48

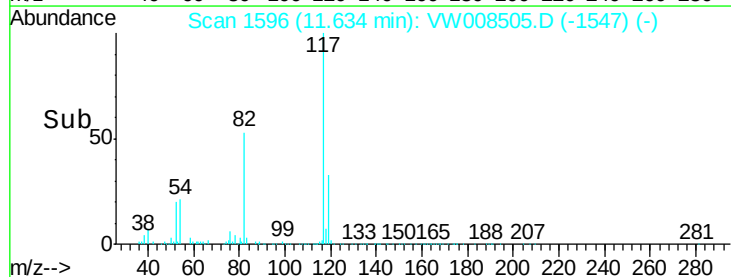
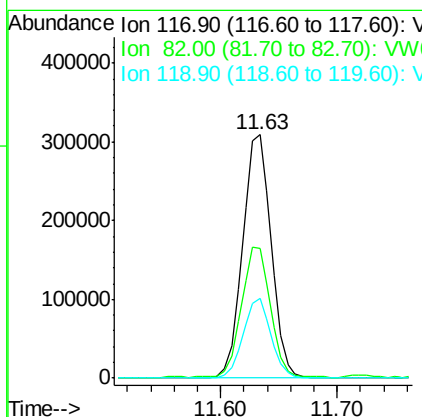
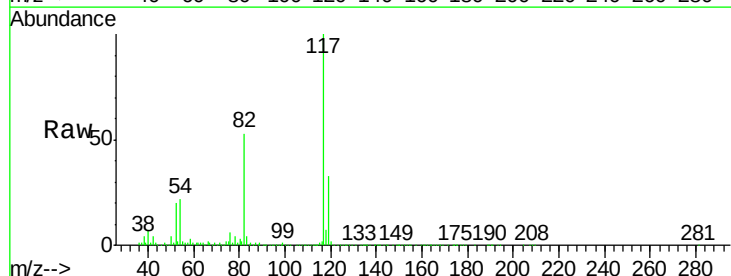
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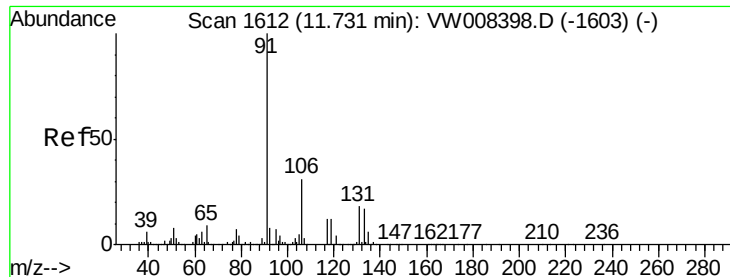
Tot Ion: 95 Resp: 250743
Ion Ratio Lower Upper
95 100
174 83.0 0.0 157.6
176 80.8 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008505.D
Acq: 04 Feb 2019 16:48

Tgt Ion: 117 Resp: 527382
Ion Ratio Lower Upper
117 100
82 52.9 45.4 68.0
119 32.5 26.2 39.4





#67

Ethyl Benzene

Concen: 4.232 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008505.D

Acq: 04 Feb 2019 16:48

Instrument :

MSVOA_W

ClientSampleId :

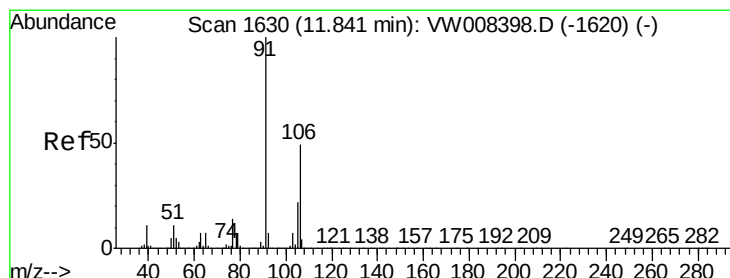
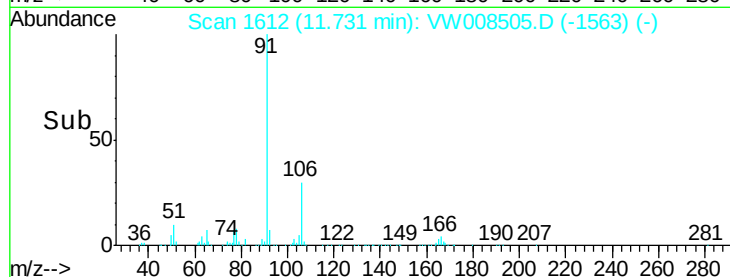
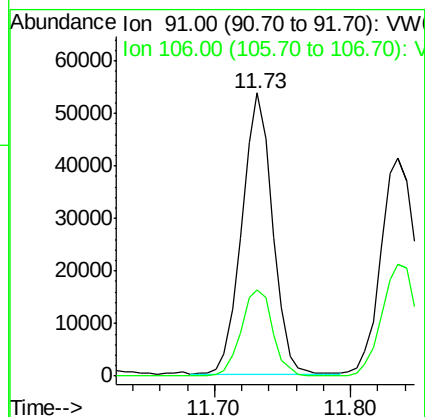
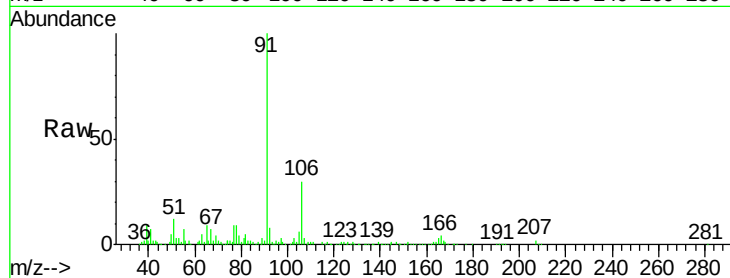
0038-AMND-COMP-1

Tot Ion: 91 Resp: 83744

Ion Ratio Lower Upper

91 100

106 30.5 24.7 37.1



#68

m/p-Xylenes

Concen: 5.008 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW008505.D

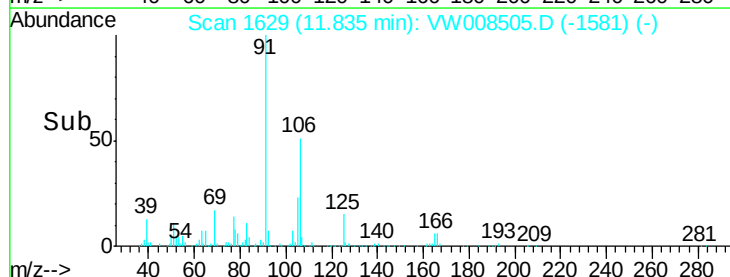
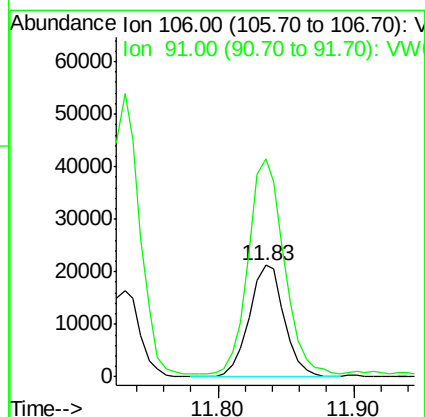
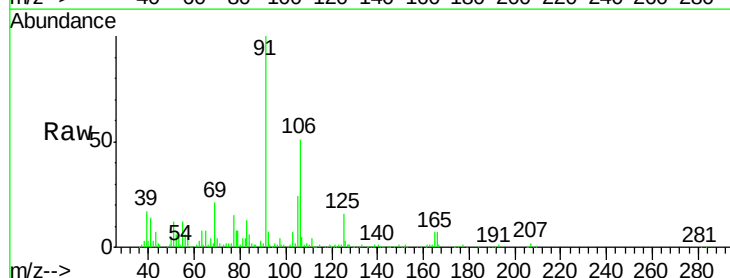
Acq: 04 Feb 2019 16:48

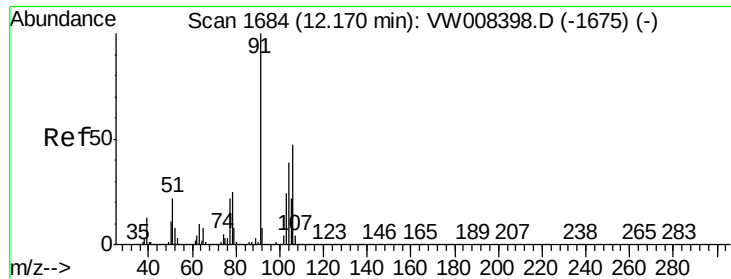
Tgt Ion: 106 Resp: 38450

Ion Ratio Lower Upper

106 100

91 195.1 162.9 244.3

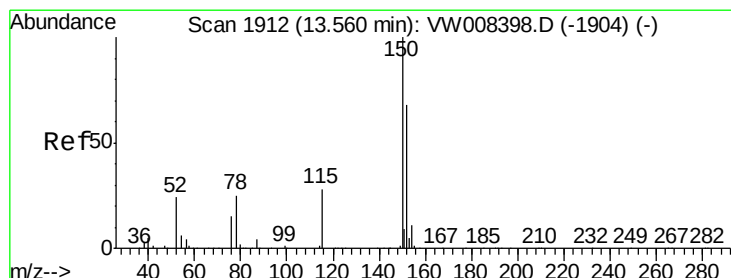
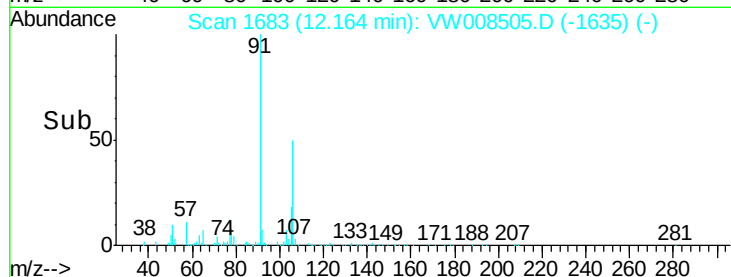
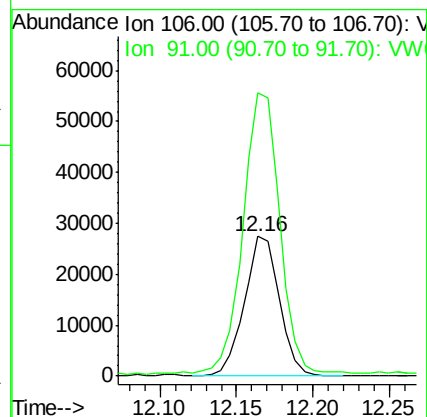
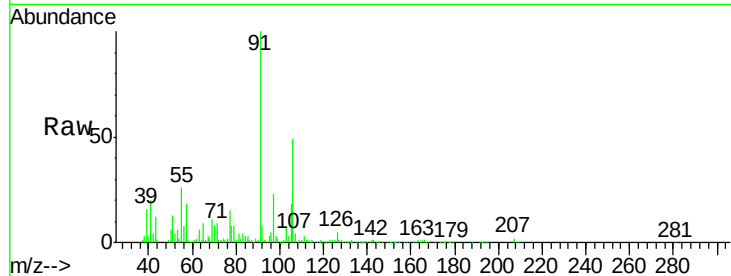




#69
o-Xylene
Concen: 5.938 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008505.D
Acq: 04 Feb 2019 16:48

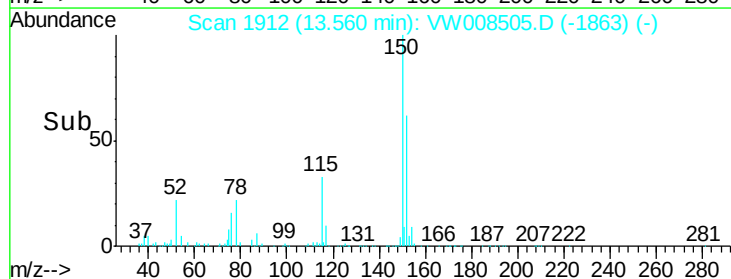
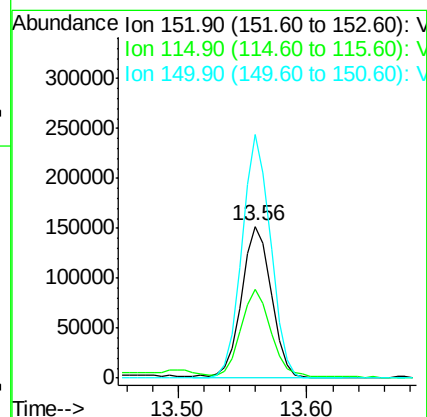
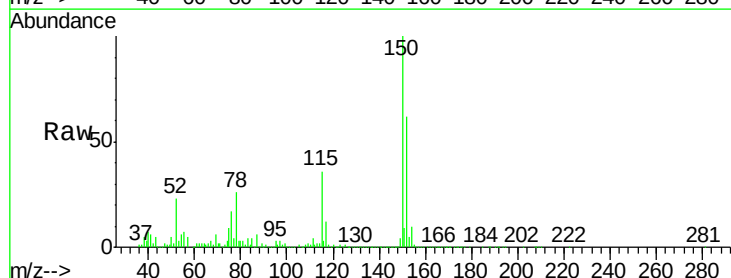
Instrument :
MSVOA_W
ClientSampleId :
0038-AMND-COMP-1

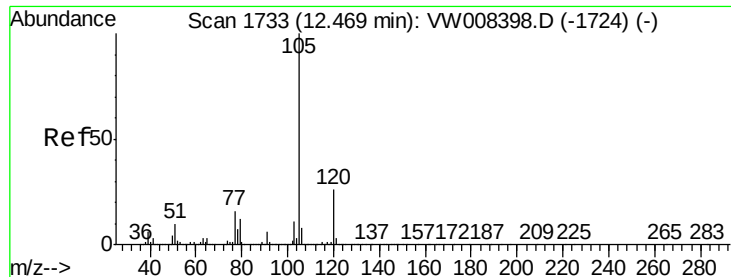
Tot Ion:106 Resp: 43321
Ion Ratio Lower Upper
106 100
91 216.5 107.5 322.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008505.D
Acq: 04 Feb 2019 16:48

Tgt Ion:152 Resp: 241495
Ion Ratio Lower Upper
152 100
115 58.6 29.9 89.7
150 154.4 0.0 351.4





#73

Isopropylbenzene

Concen: 4.431 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008505.D

Acq: 04 Feb 2019 16:48

Instrument :

MSVOA_W

ClientSampleId :

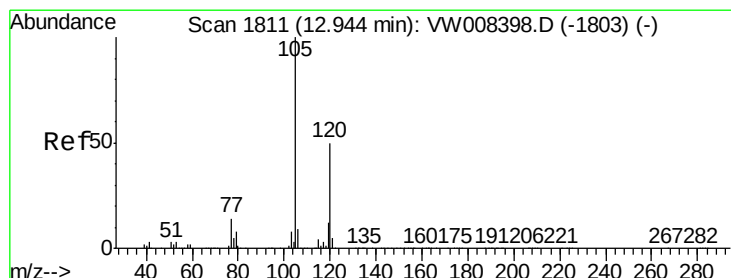
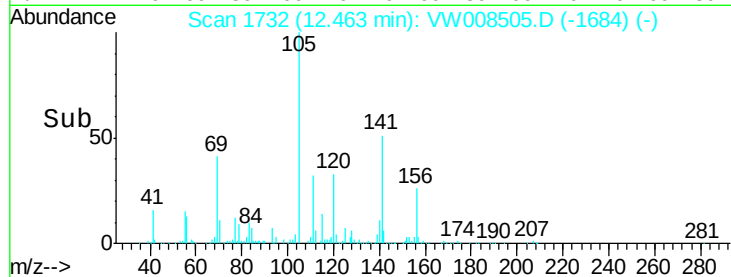
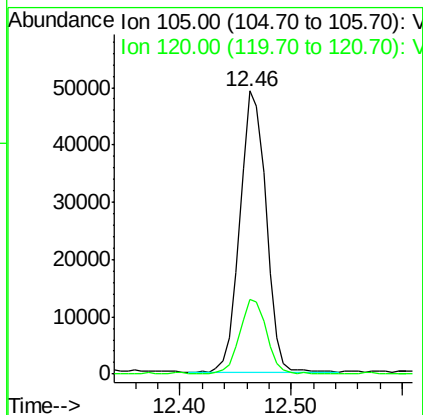
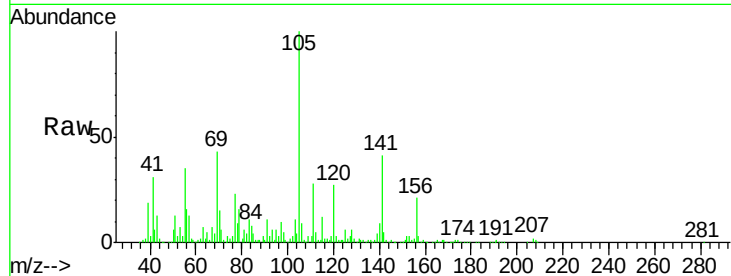
0038-AMND-COMP-1

Tot Ion:105 Resp: 79774

Ion Ratio Lower Upper

105 100

120 27.8 13.3 39.8



#80

1,3,5-Trimethylbenzene

Concen: 11.001 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008505.D

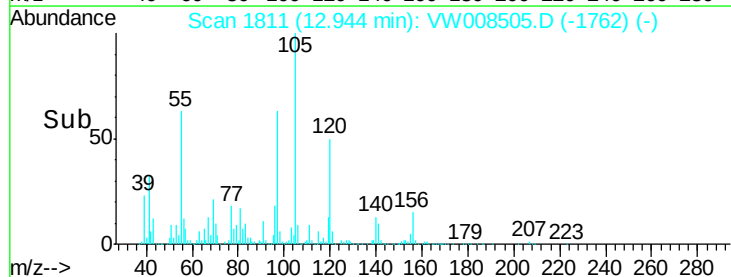
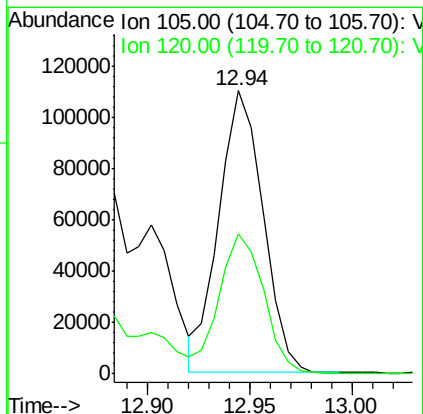
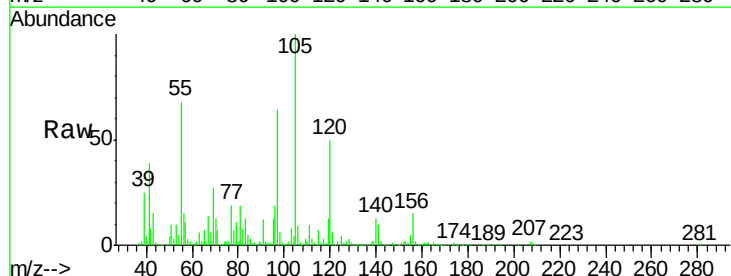
Acq: 04 Feb 2019 16:48

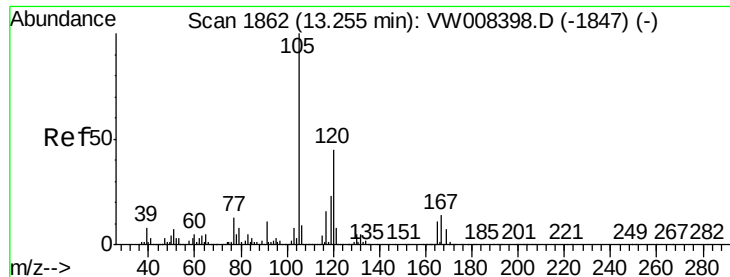
Tgt Ion:105 Resp: 165544

Ion Ratio Lower Upper

105 100

120 50.0 24.6 73.8

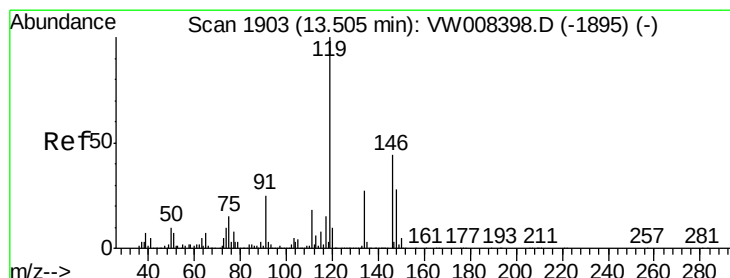
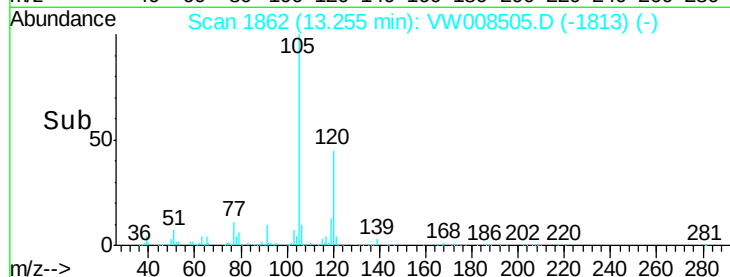
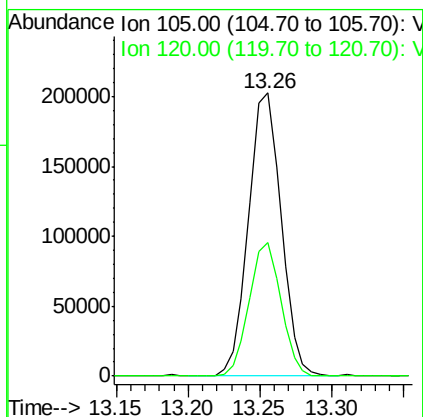
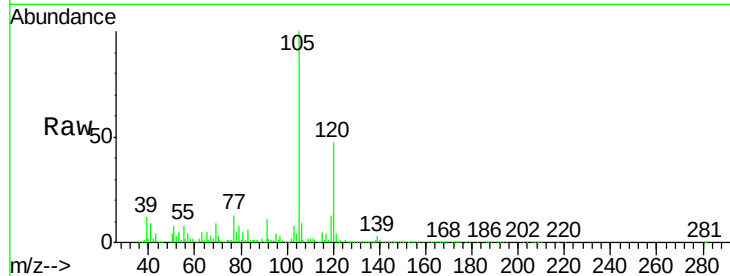




#84
 1,2,4-Trimethylbenzene
 Concen: 20.655 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008505.D
 Acq: 04 Feb 2019 16:48

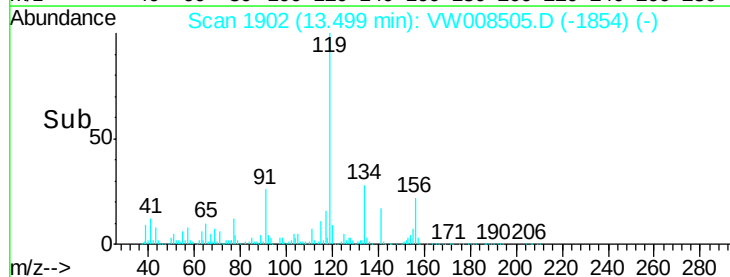
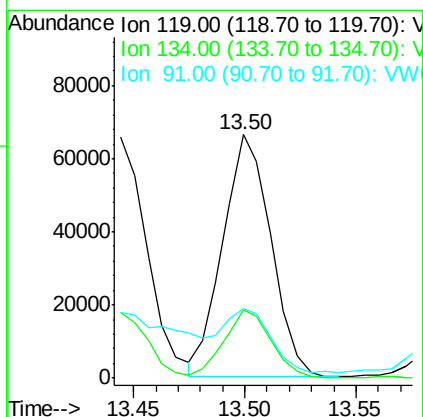
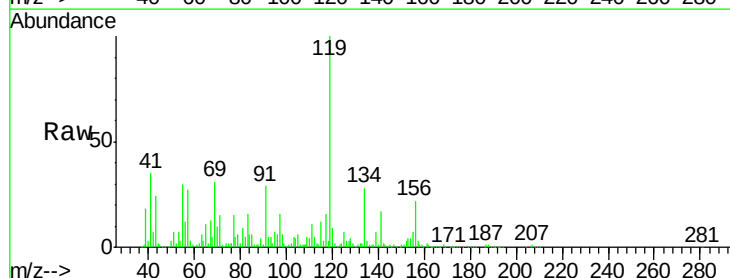
Instrument :
 MSVOA_W
 ClientSampleId :
 0038-AMND-COMP-1

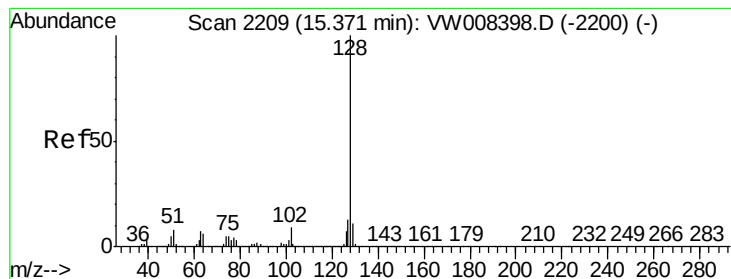
Tot Ion:105 Resp: 315934
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.2



#86
 p-Isopropyltoluene
 Concen: 5.890 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008505.D
 Acq: 04 Feb 2019 16:48

Tgt Ion:119 Resp: 98663
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.4 40.2
 91 27.4 12.6 37.6





#95

Naphthalene

Concen: 339.748 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008505.D

Acq: 04 Feb 2019 16:48

Instrument :

MSVOA_W

ClientSampleId :

0038-AMND-COMP-1

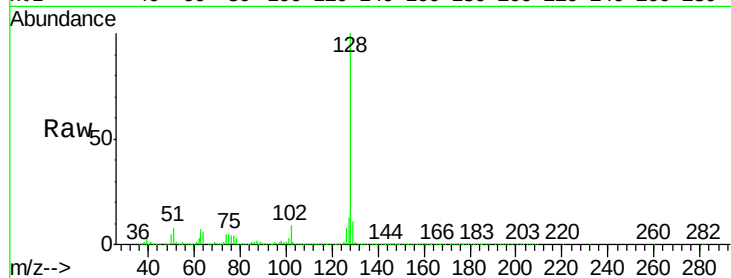
Tot Ion:128 Resp: 2991073

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 11.0 8.7 13.1



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

