

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005418.D
 Acq On : 15 Sep 2018 07:18
 Operator : SY/AP
 Sample : J4802-01
 Misc : 13.96G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-01-54.5-55.0

Manual Integrations
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Quant Time: Sep 17 17:17:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	231378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	383584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	357181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171485	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	104692	43.59	ug/l	0.00
Spiked Amount			Recovery	=	87.18%	
35) Dibromofluoromethane	7.89	113	81963	38.11	ug/l	0.00
Spiked Amount			Recovery	=	76.22%	
50) Toluene-d8	10.33	98	394489	40.05	ug/l	0.00
Spiked Amount			Recovery	=	80.10%	
62) 4-Bromofluorobenzene	12.62	95	221144	61.23	ug/l	0.00
Spiked Amount			Recovery	=	122.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	480378	1479.49	ug/l	100
17) Carbon Disulfide	4.39	76	9731	1.54	ug/l	99
25) 2-Butanone	7.18	43	221029	382.57	ug/l	96
39) Methylcyclohexane	9.34	83	31321	7.43	ug/l #	1
40) Benzene	8.33	78	1078346	102.55	ug/l	100
52) Toluene	10.40	92	803790	112.87	ug/l	100
59) 2-Hexanone	10.98	43	101262	100.23	ug/l	95
67) Ethyl Benzene	11.74	91	709512	53.22	ug/l	100
68) m/p-Xylenes	11.84	106	233212	45.45	ug/l	99
69) o-Xylene	12.17	106	330076	69.08	ug/l	97
73) Isopropylbenzene	12.47	105	41835	3.48	ug/l	96
78) n-propylbenzene	12.81	91	533478	36.74	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	55762	5.31	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	301756	28.31	ug/l	100
86) p-Isopropyltoluene	13.51	119	55949m	4.97	ug/l	
89) n-Butylbenzene	13.83	91	496697	47.34	ug/l	93
95) Naphthalene	15.38	128	237816	42.43	ug/l	99

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

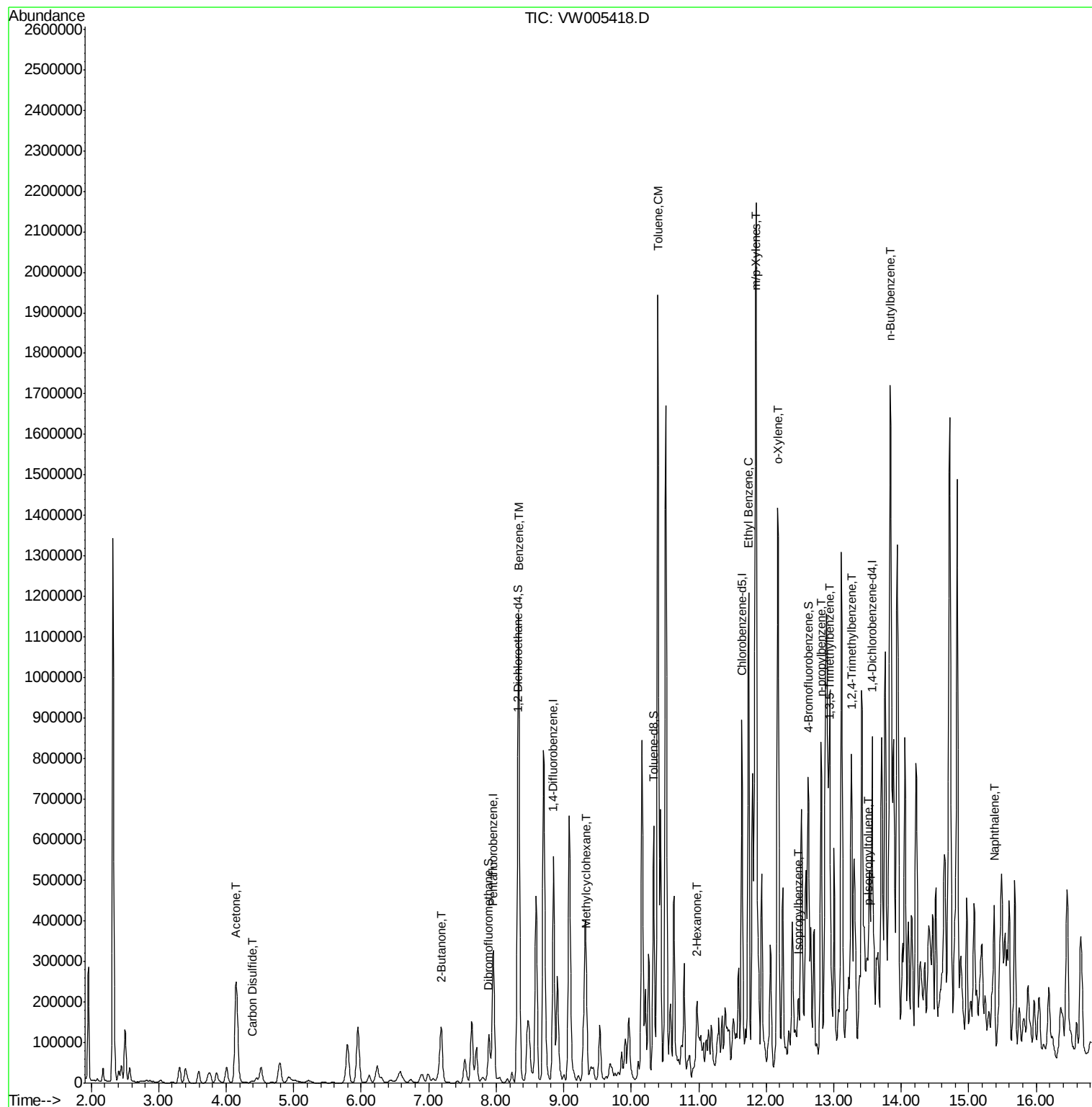
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091618\
Data File : VW005418.D
Acq On : 15 Sep 2018 07:18
Operator : SY/AP
Sample : J4802-01
Misc : 13.96G/5ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

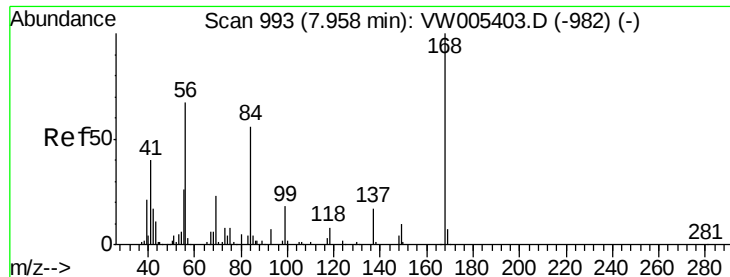
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-01-54.5-55.0

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Quant Time: Sep 17 17:17:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

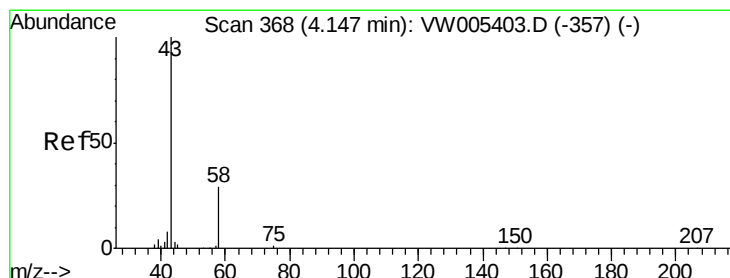
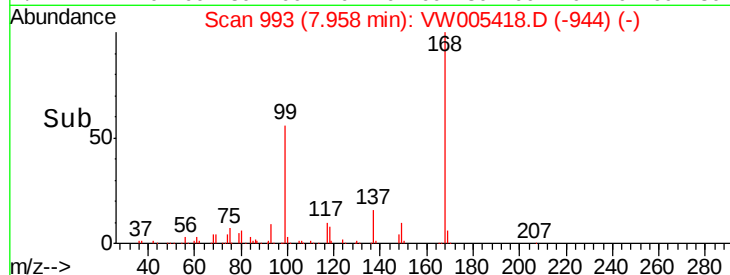
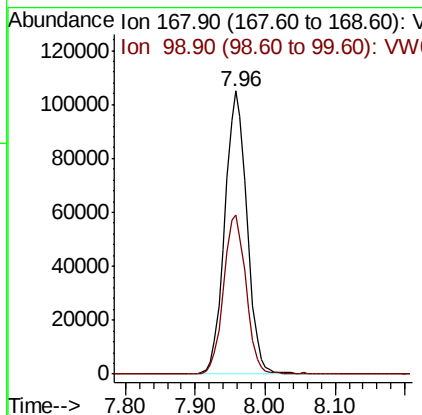
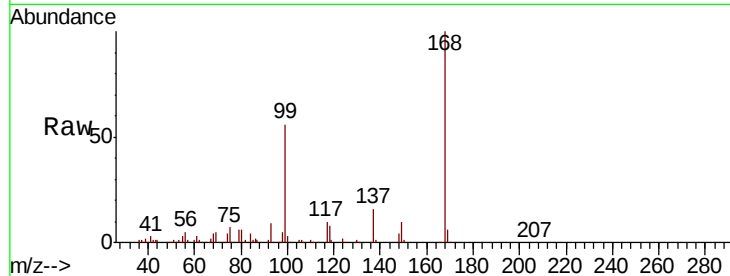
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VW005418.D
 Acq: 15 Sep 2018 07:18

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-01-54.5-55.0

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.4	45.0	67.6

Manual Integrations
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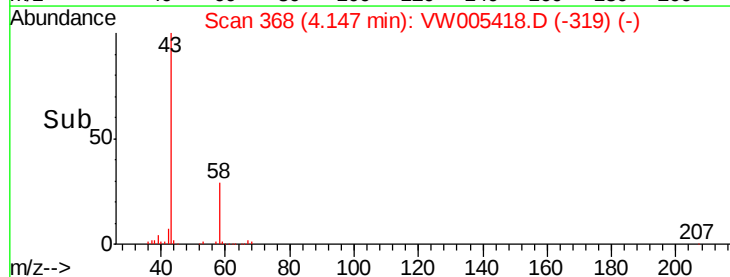
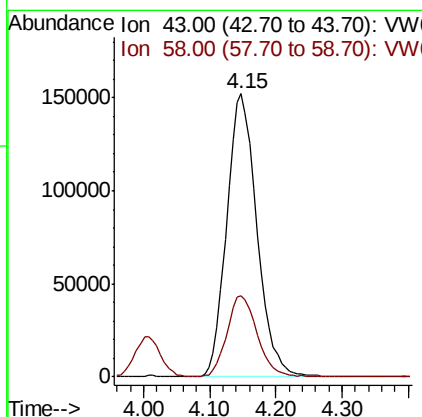
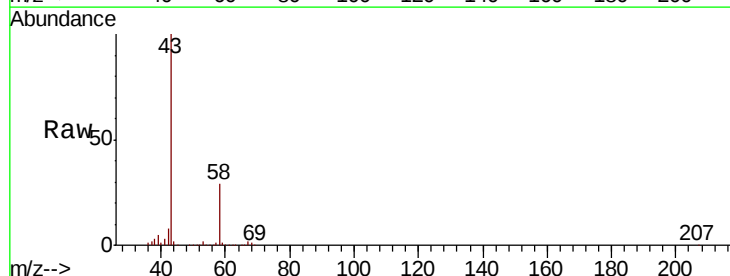
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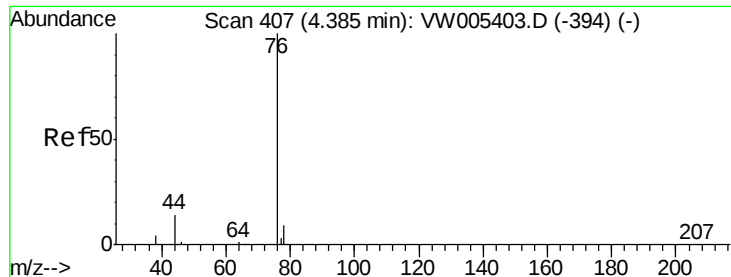


#16

Acetone
 Concen: 1479.49 ug/l
 RT: 4.15 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VW005418.D
 Acq: 15 Sep 2018 07:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.6	22.8	34.2





#17

Carbon Disulfide

Concen: 1.54 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-01-54.5-55.0

Tot Ion: 76 Resp: 9731

Ion Ratio Lower Upper

76 100

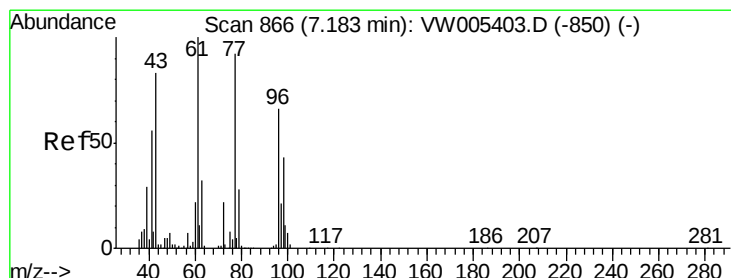
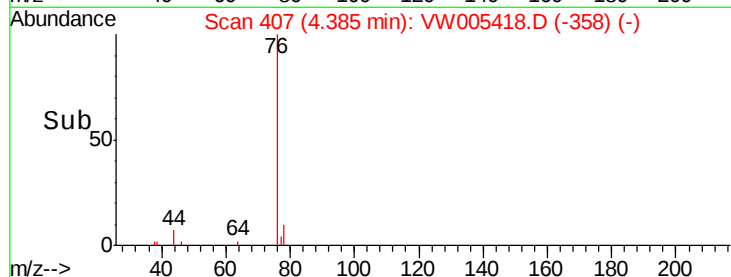
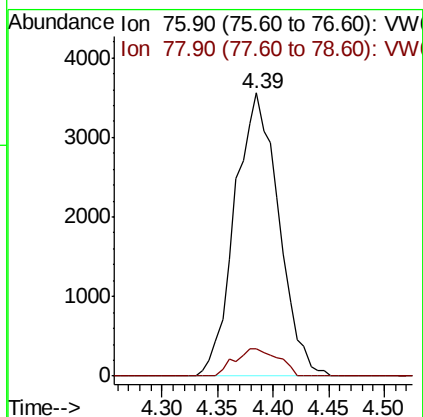
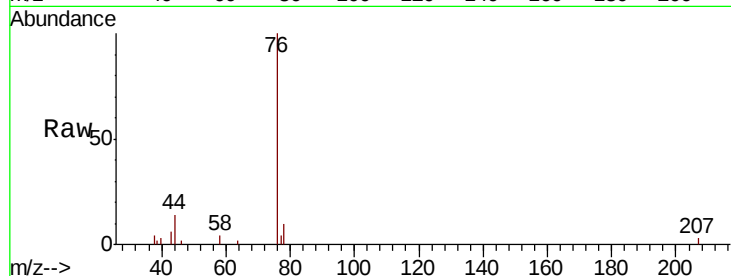
78 9.7 7.4 11.0

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#25

2-Butanone

Concen: 382.57 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW005418.D

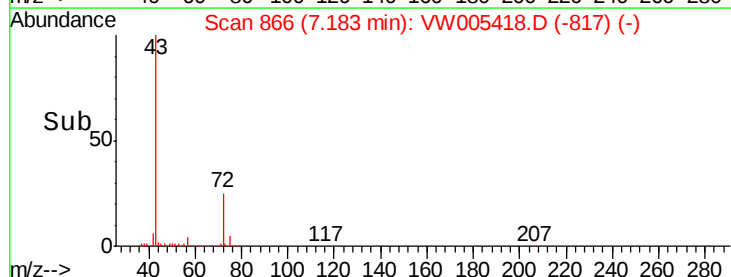
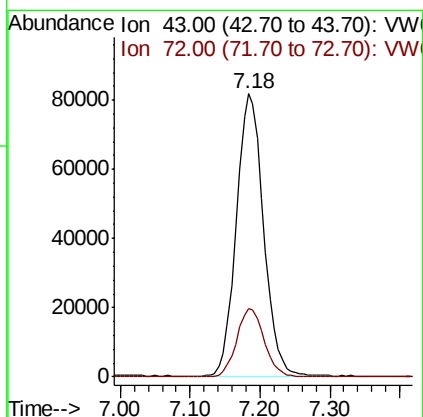
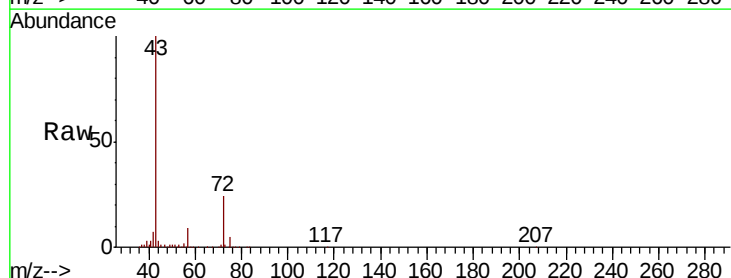
Acq: 15 Sep 2018 07:18

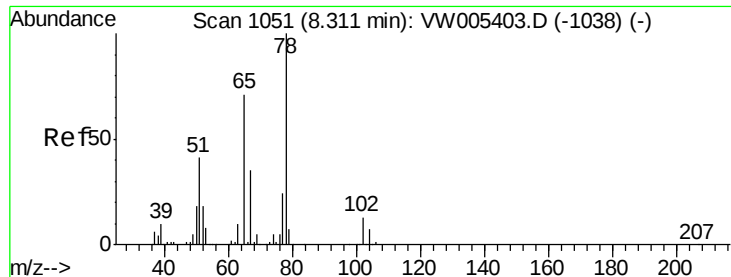
Tgt Ion: 43 Resp: 221029

Ion Ratio Lower Upper

43 100

72 24.2 21.1 31.7





#33

1,2-Dichloroethane-d4

Concen: 43.59 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-01-54.5-55.0

Tot Ion: 65 Resp: 104692

Ion Ratio Lower Upper

65 100

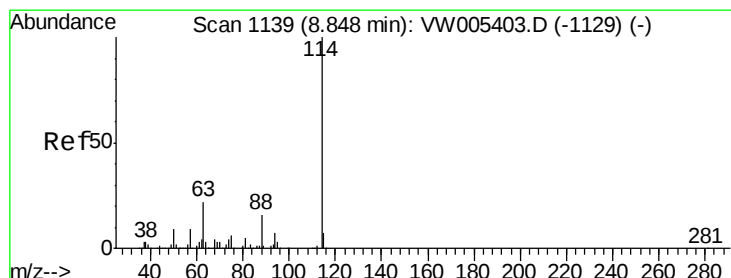
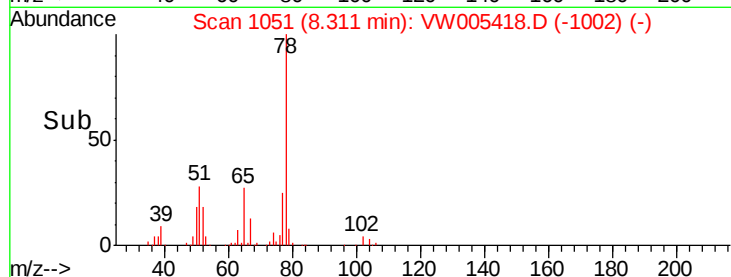
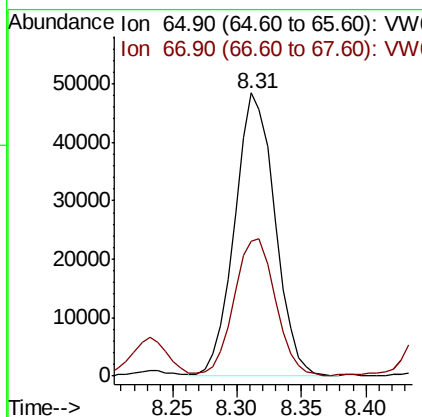
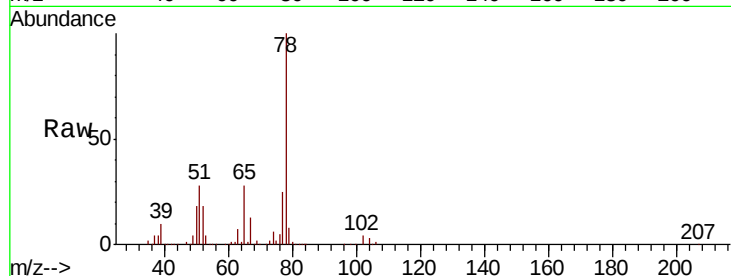
67 50.2 0.0 100.6

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

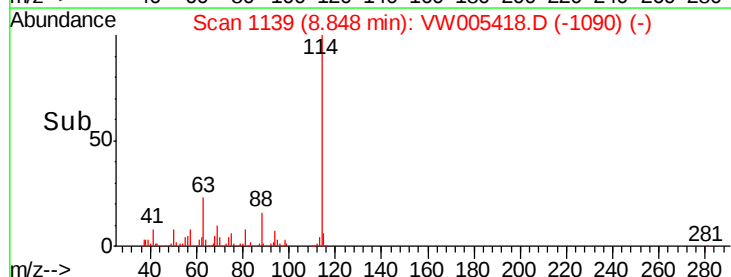
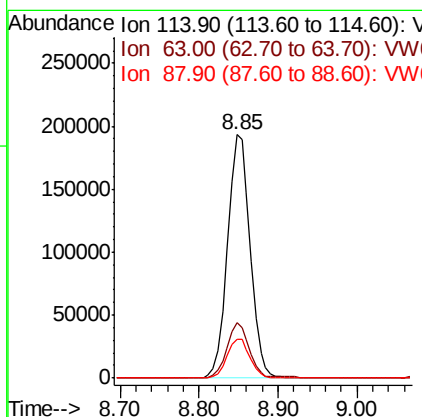
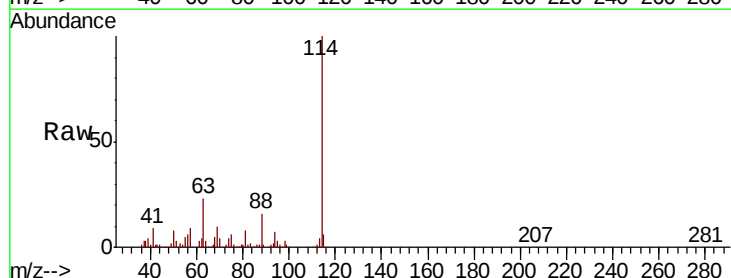
Tgt Ion: 114 Resp: 383584

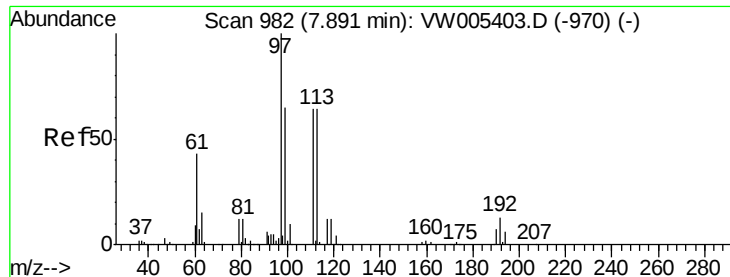
Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

88 16.1 0.0 31.8





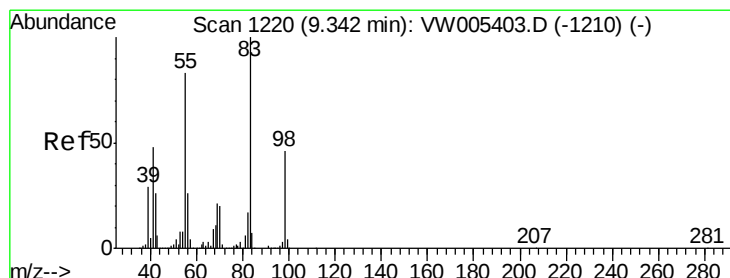
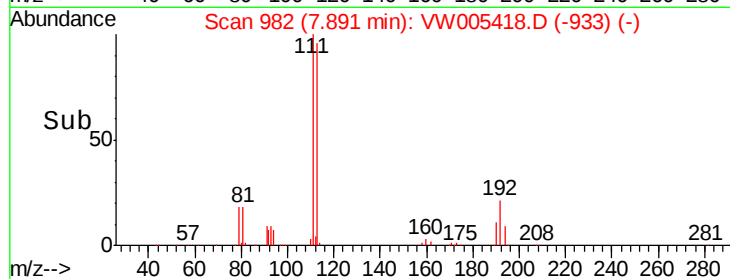
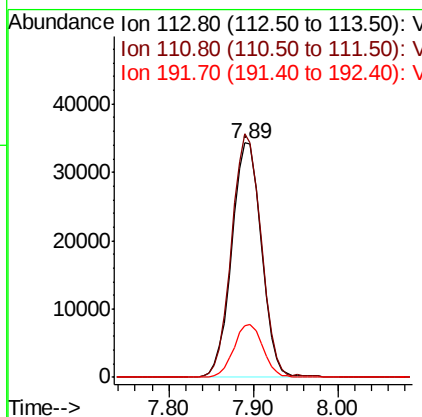
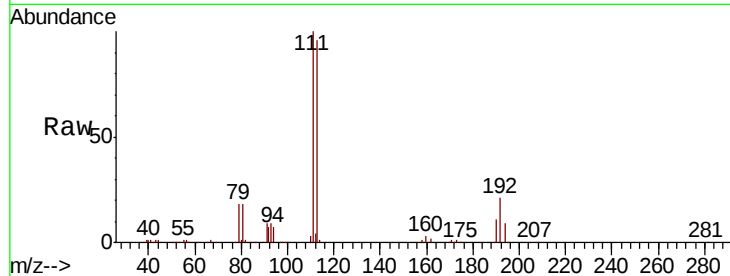
#35
 Dibromofluoromethane
 Concen: 38.11 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005418.D
 Acq: 15 Sep 2018 07:18

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-01-54.5-55.0

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.3	123.5
192	22.1	16.5	24.7

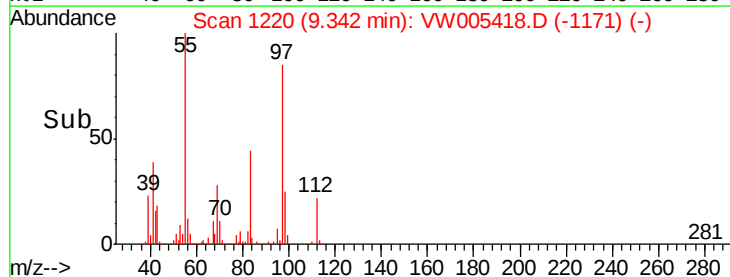
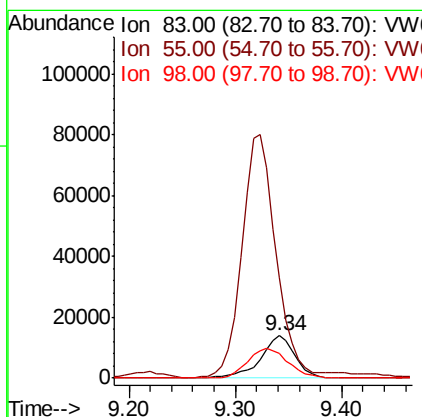
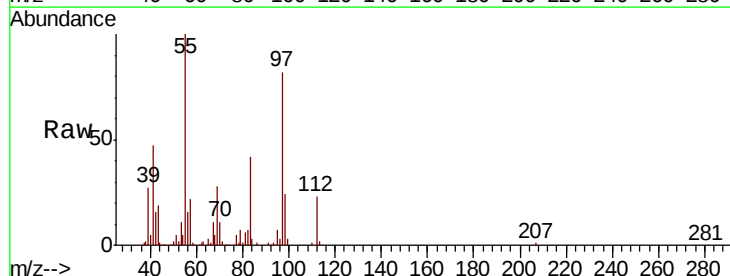
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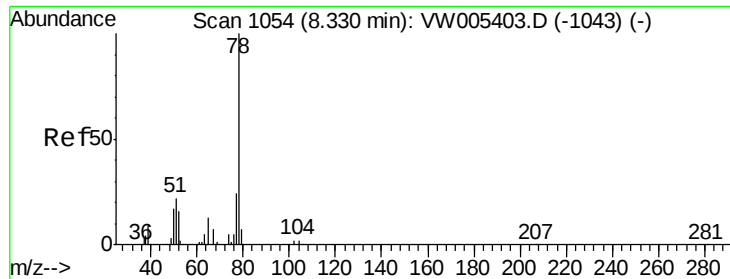
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#39
 Methylcyclohexane
 Concen: 7.43 ug/l
 RT: 9.34 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: VW005418.D
 Acq: 15 Sep 2018 07:18

Tgt Ion	Ratio	Lower	Upper
83	100		
55	233.7	66.1	99.1#
98	57.6	36.7	55.1#





#40

Benzene

Concen: 102.55 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-01-54.5-55.0

Tot Ion: 78 Resp: 1078346

Ion Ratio Lower Upper

78 100

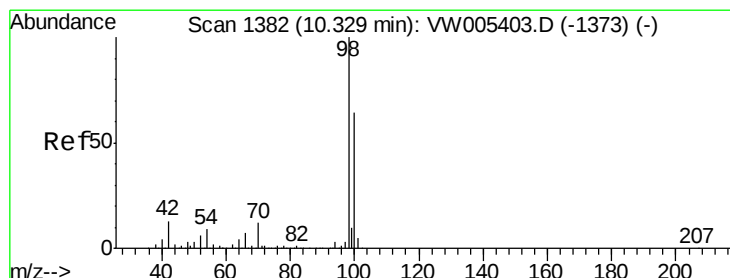
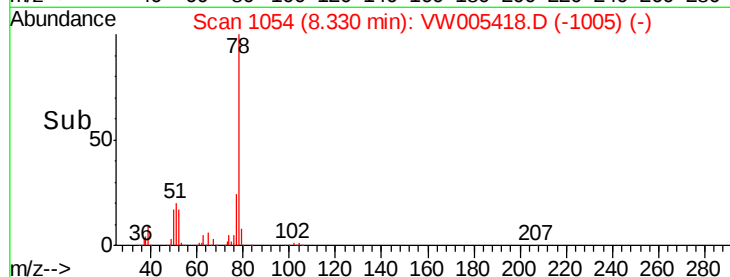
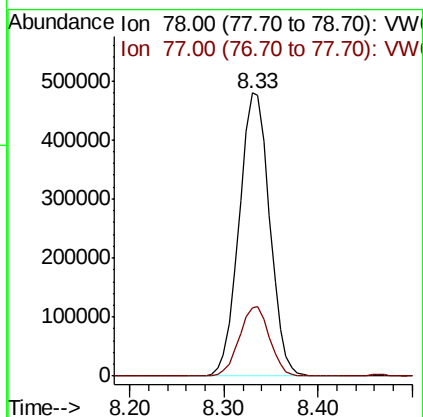
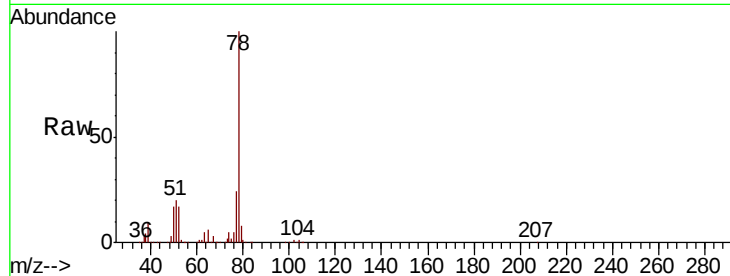
77 24.3 19.3 28.9

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#50

Toluene-d8

Concen: 40.05 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005418.D

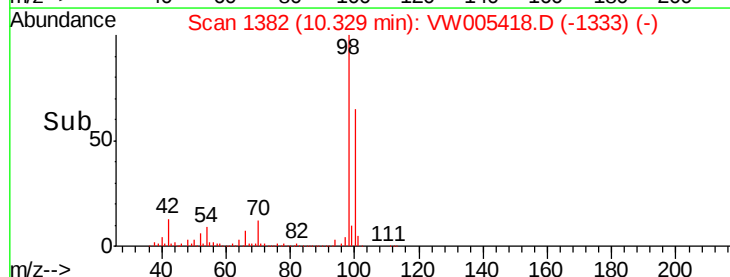
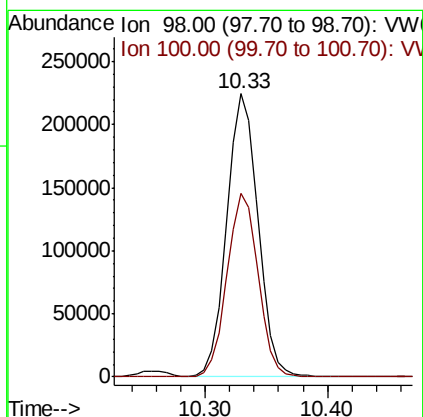
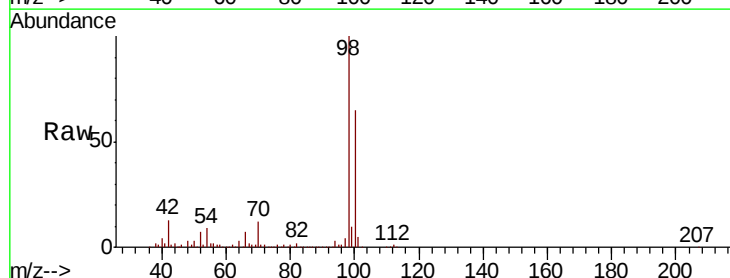
Acq: 15 Sep 2018 07:18

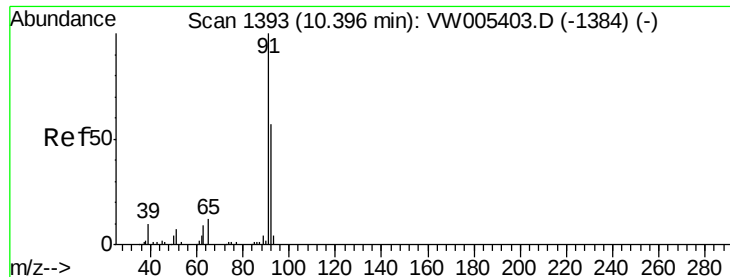
Tgt Ion: 98 Resp: 394489

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0





#52

Toluene

Concen: 112.87 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-01-54.5-55.0

Tot Ion: 92 Resp: 803790

Ion Ratio Lower Upper

92 100

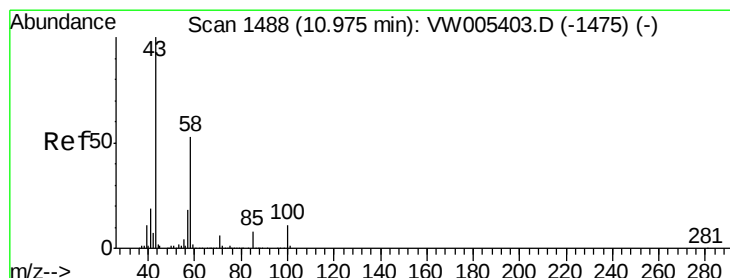
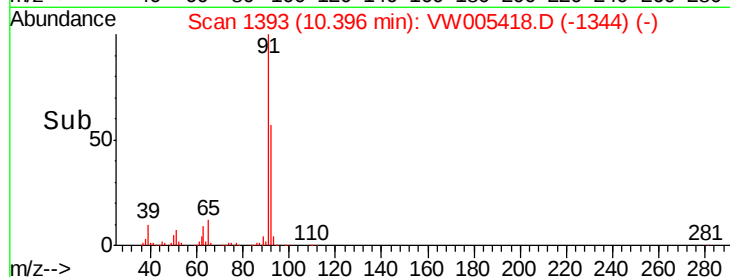
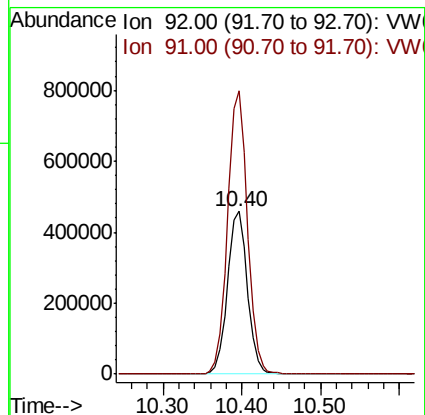
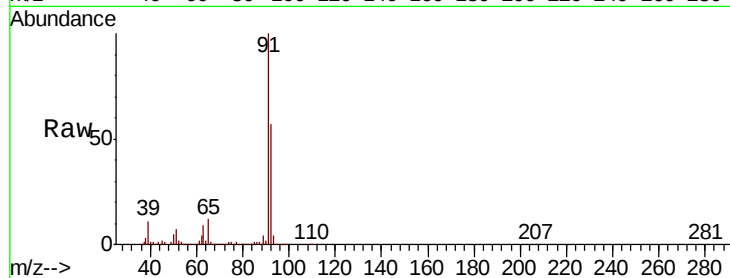
91 173.5 139.1 208.7

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#59

2-Hexanone

Concen: 100.23 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VW005418.D

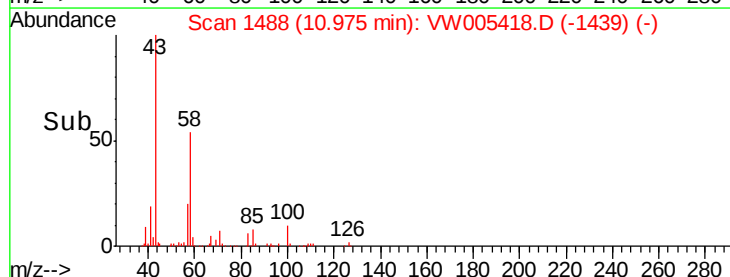
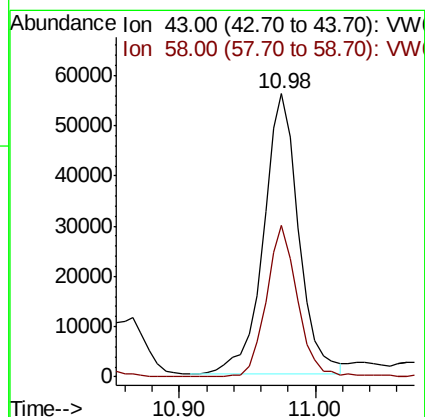
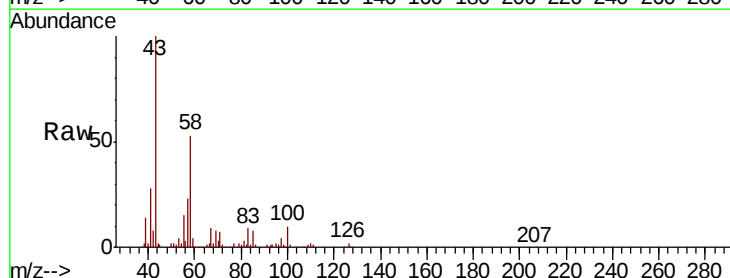
Acq: 15 Sep 2018 07:18

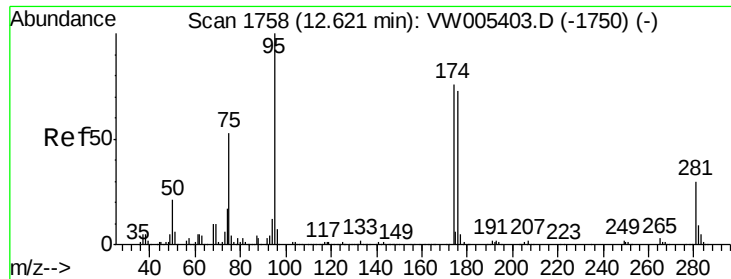
Tgt Ion: 43 Resp: 101262

Ion Ratio Lower Upper

43 100

58 47.7 25.5 76.5





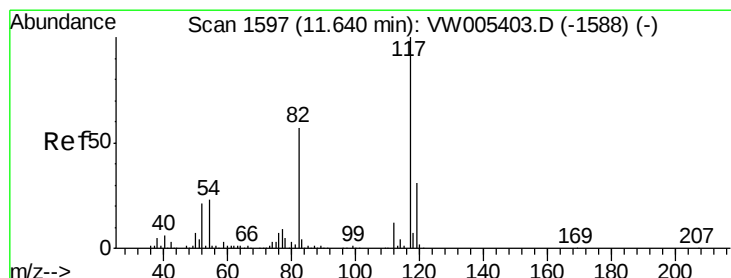
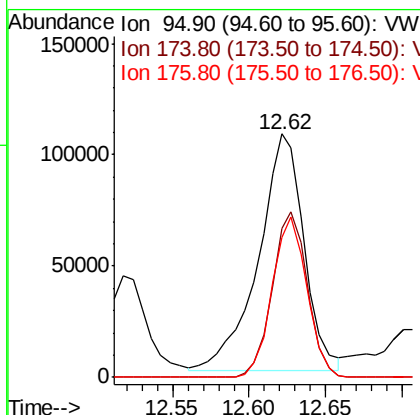
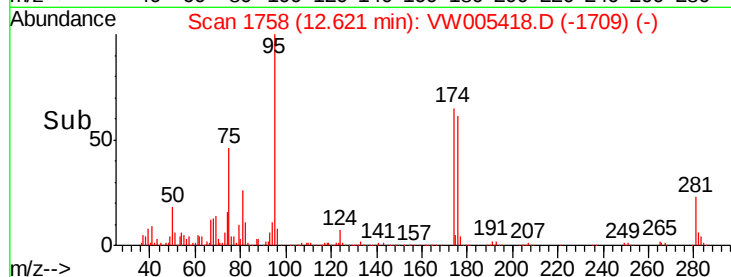
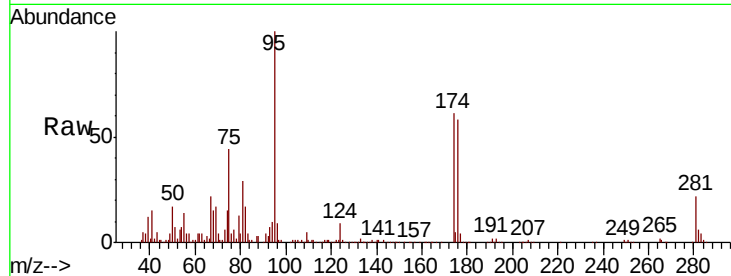
#62
4-Bromofluorobenzene
Concen: 61.23 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-01-54.5-55.0

Tot Ion	Ratio	Resp	Lower	Upper
95	100	221144		
174	53.7	0.0	161.2	
176	51.5	0.0	156.6	

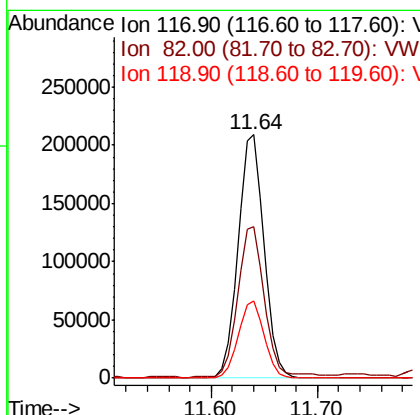
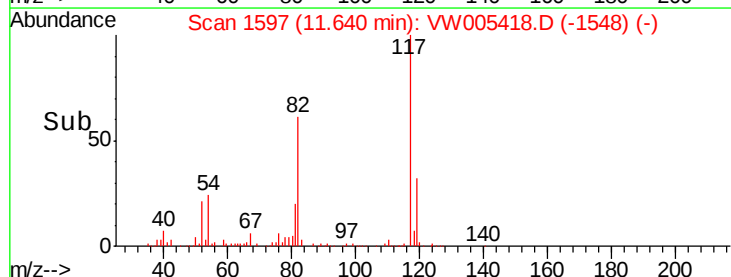
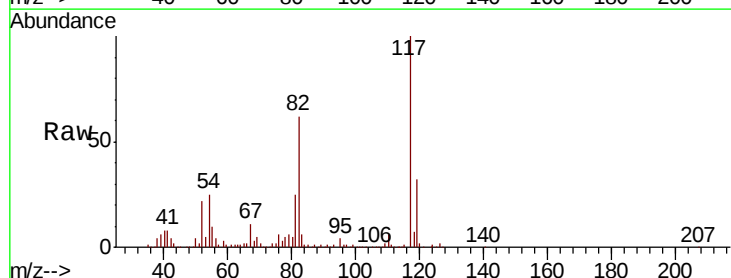
Manual Integrations
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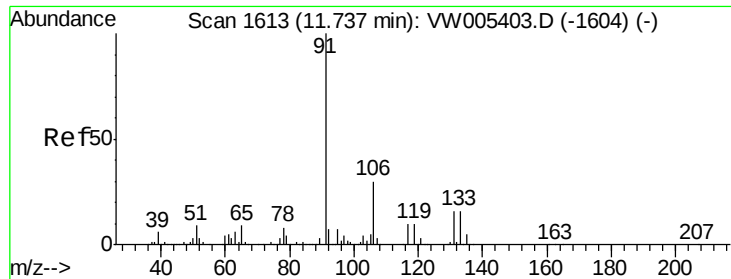
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	357181		
82	61.7	45.9	68.9	
119	31.6	24.8	37.2	





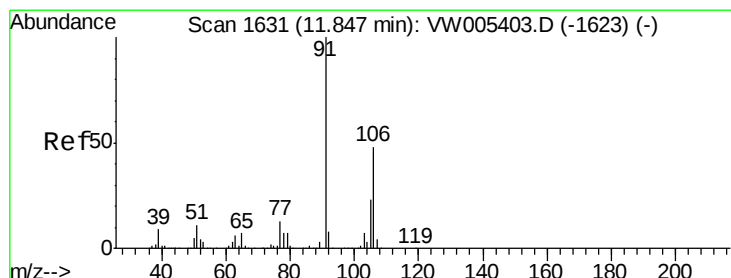
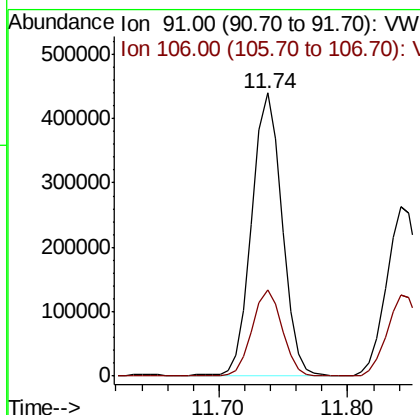
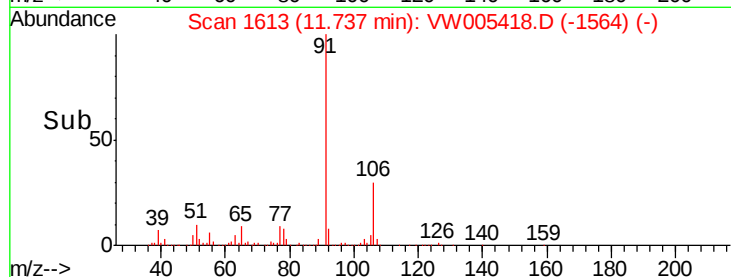
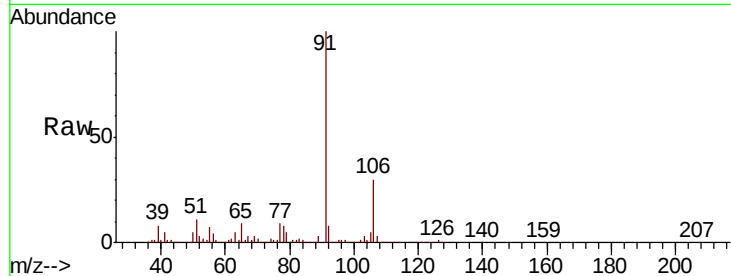
#67
Ethyl Benzene
Concen: 53.22 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-01-54.5-55.0

Tot Ion: 91 Resp: 709512
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4

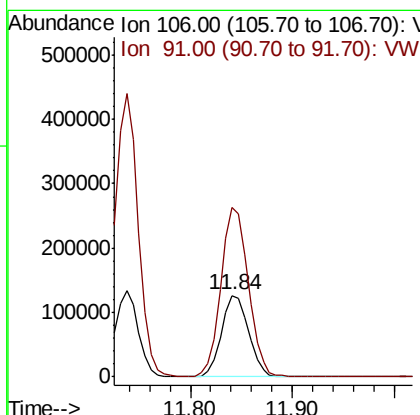
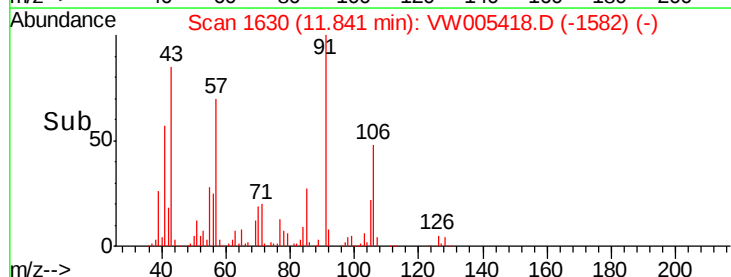
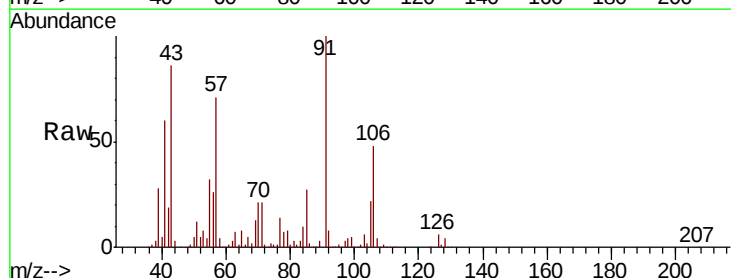
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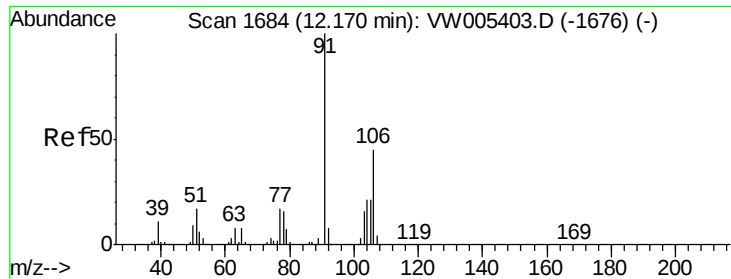
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#68
m/p-Xylenes
Concen: 45.45 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

Tgt Ion: 106 Resp: 233212
Ion Ratio Lower Upper
106 100
91 208.9 167.9 251.9





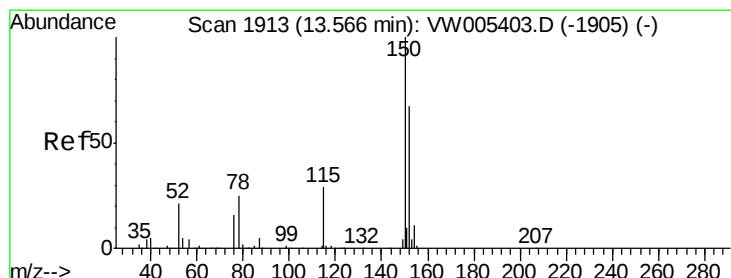
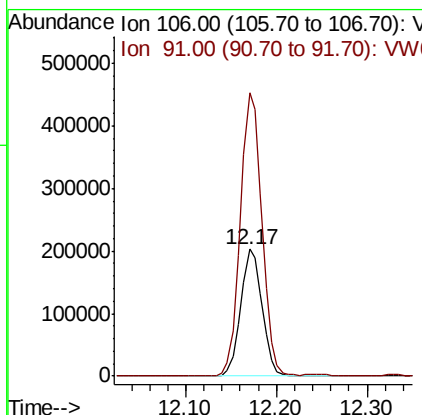
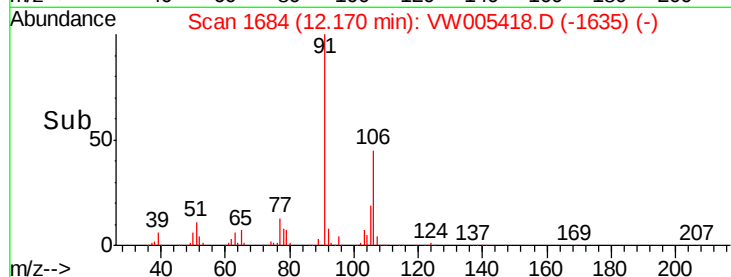
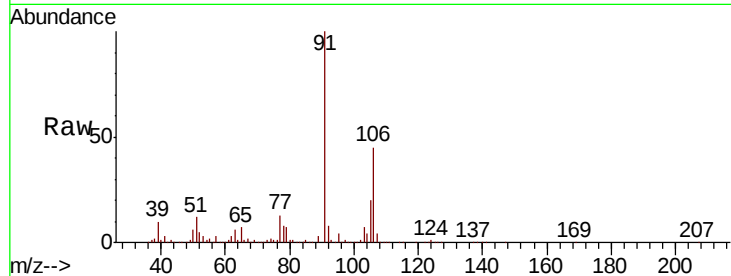
#69
o-Xylene
Concen: 69.08 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-01-54.5-55.0

Tot Ion:106 Resp: 330076
Ion Ratio Lower Upper
106 100
91 225.4 110.6 331.6

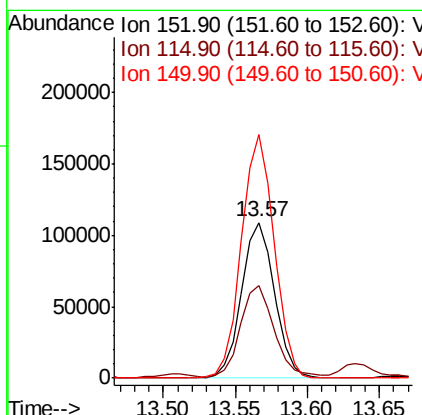
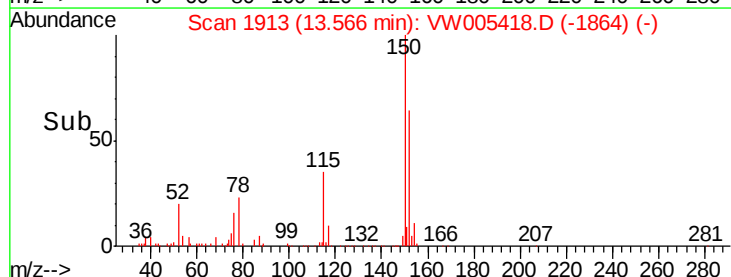
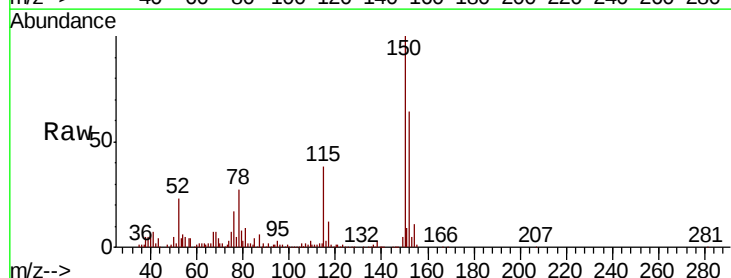
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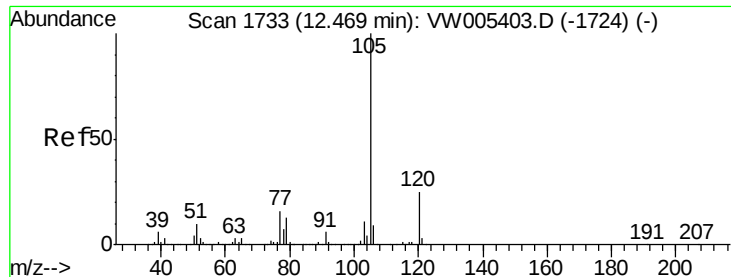
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

Tgt Ion:152 Resp: 171485
Ion Ratio Lower Upper
152 100
115 60.6 29.5 88.5
150 155.9 0.0 345.6





#73

Isopropylbenzene

Concen: 3.48 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-01-54.5-55.0

Tot Ion: 105 Resp: 41835

Ion Ratio Lower Upper

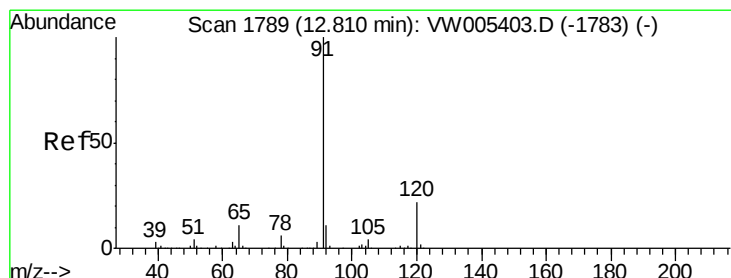
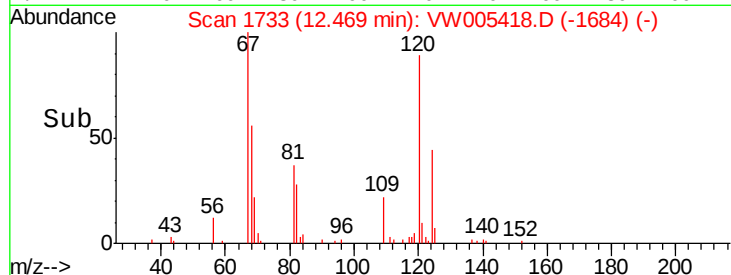
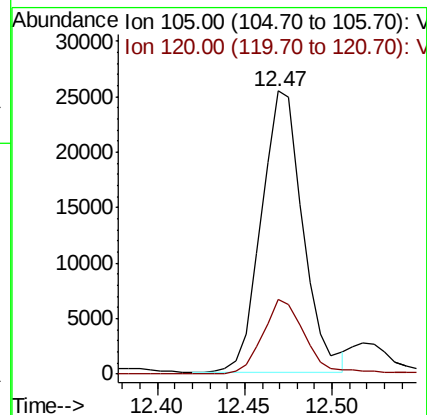
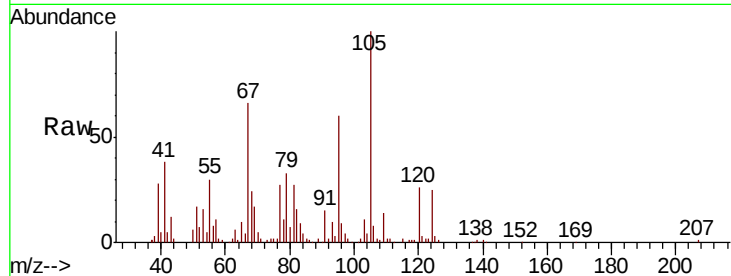
105 100

120 27.9 12.9 38.6

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#78

n-propylbenzene

Concen: 36.74 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005418.D

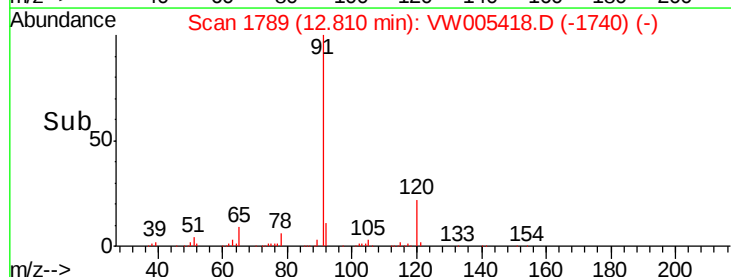
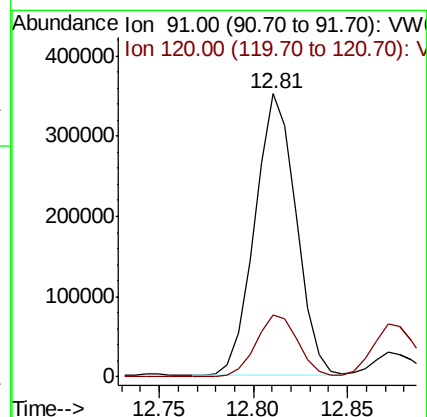
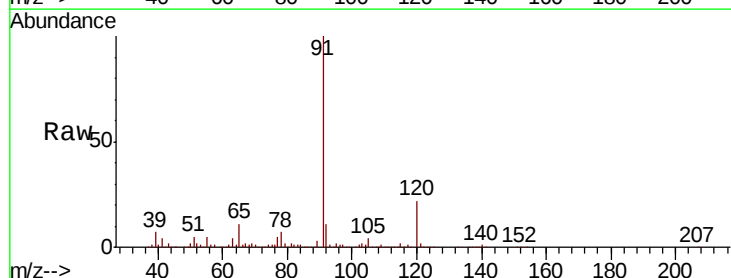
Acq: 15 Sep 2018 07:18

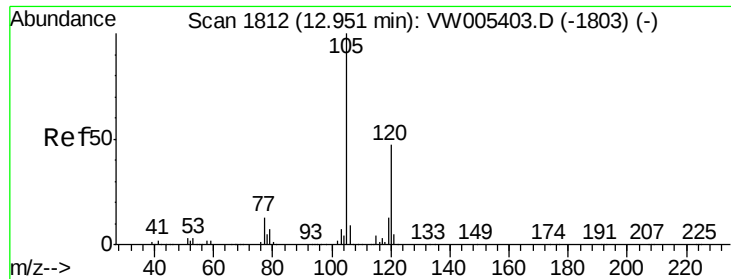
Tgt Ion: 91 Resp: 533478

Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.8





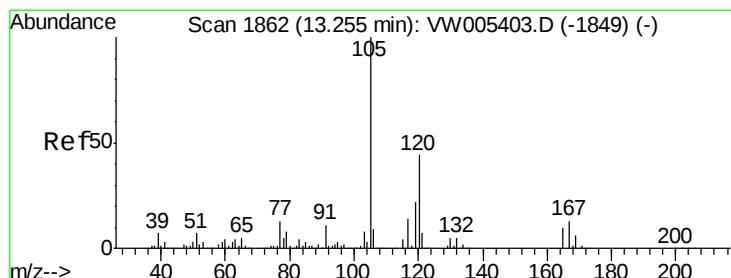
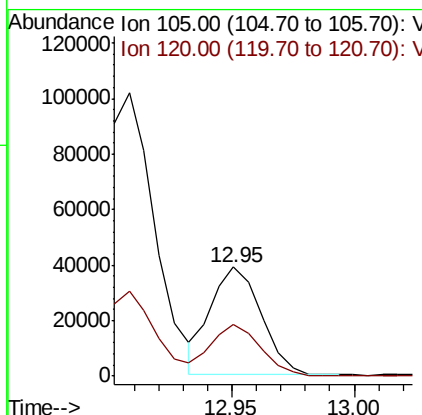
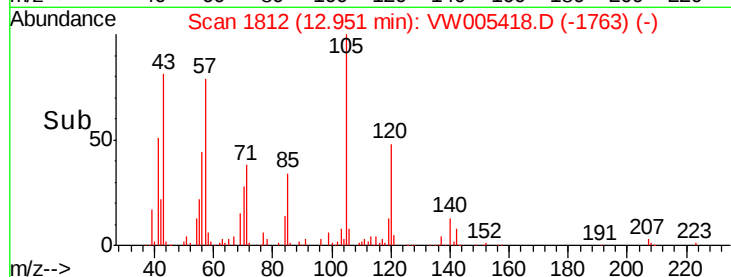
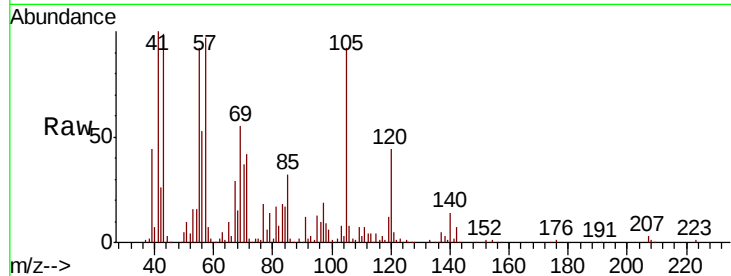
#80
 1,3,5-Trimethylbenzene
 Concen: 5.31 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005418.D
 Acq: 15 Sep 2018 07:18

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-01-54.5-55.0

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.5	70.5

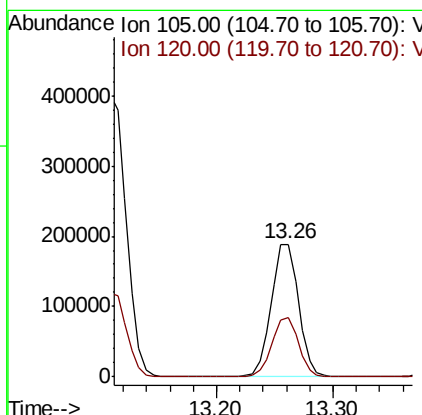
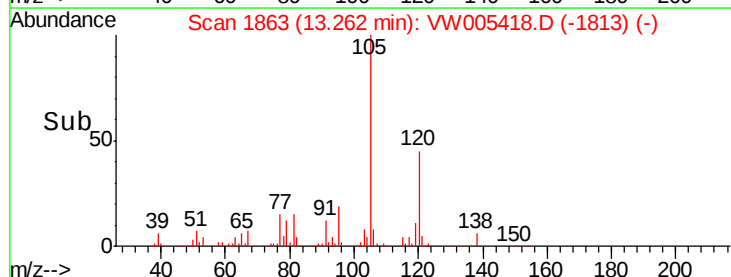
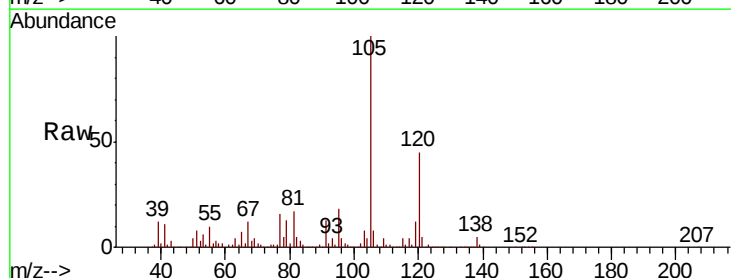
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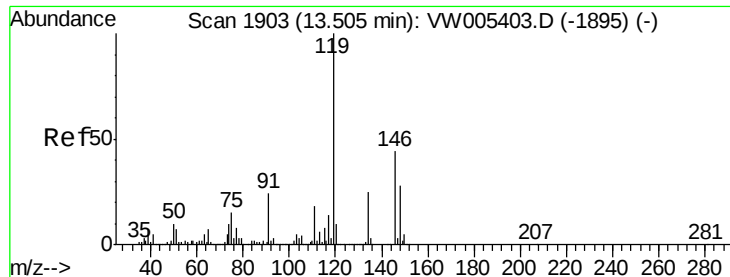
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#84
 1,2,4-Trimethylbenzene
 Concen: 28.31 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005418.D
 Acq: 15 Sep 2018 07:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.8	65.3





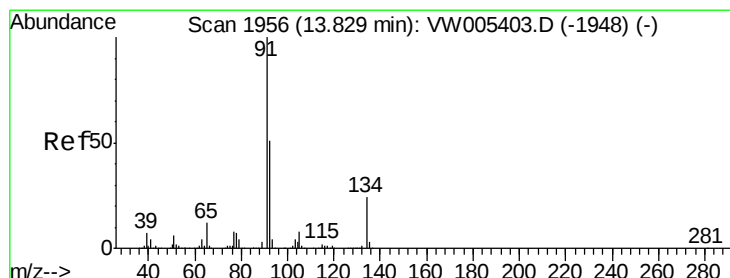
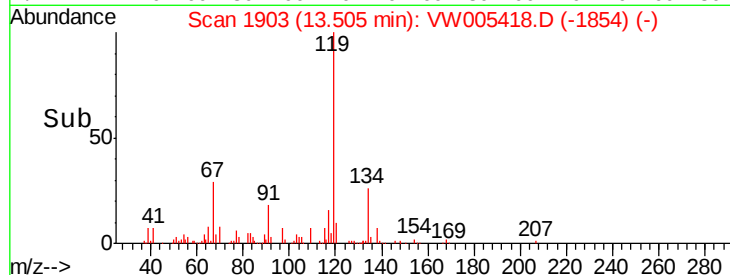
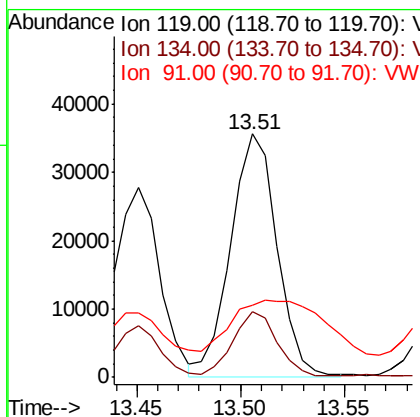
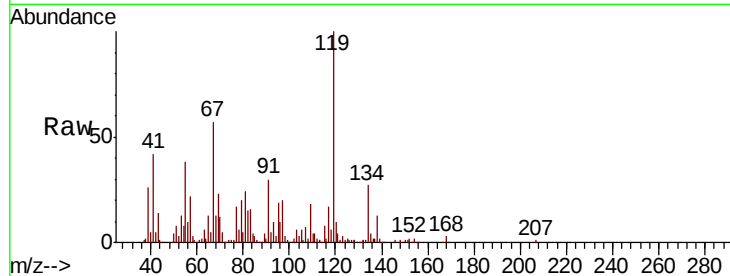
#86
p-Isopropyltoluene
Concen: 4.97 ug/l m
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-01-54.5-55.0

Tot Ion	Ratio	Resp	Lower	Upper
119	100	55949		
134	19.9		12.6	37.8
91	15.3		12.0	36.0

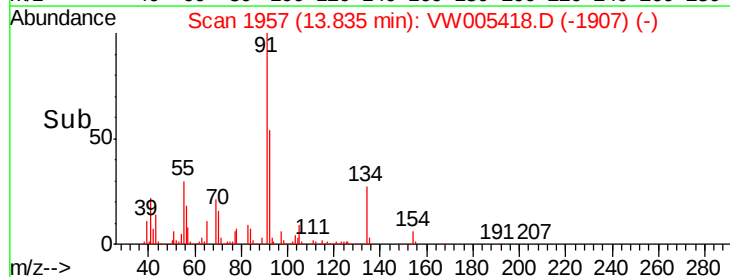
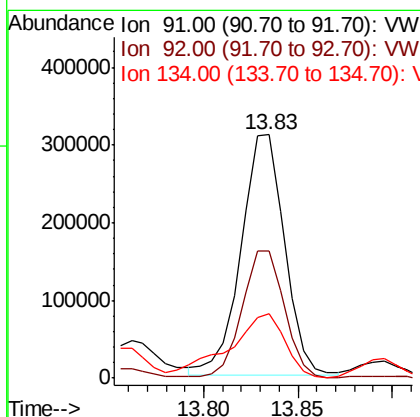
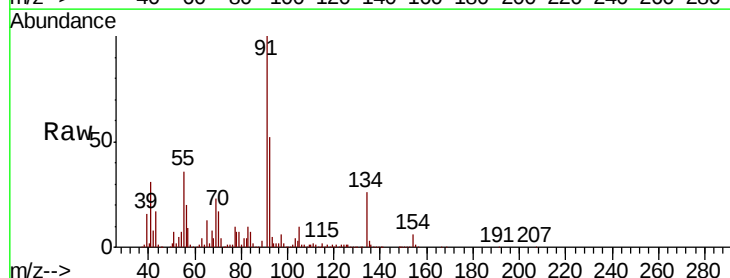
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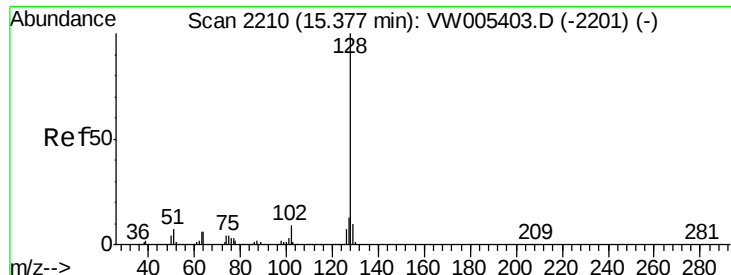
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#89
n-Butylbenzene
Concen: 47.34 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	496697		
92	51.2		26.2	78.6
134	34.5		12.7	38.1





#95
Naphthalene
Concen: 42.43 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-01-54.5-55.0

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.5	11.0	16.4
129	11.4	8.7	13.1

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