

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112018\
 Data File : VW006967.D
 Acq On : 20 Nov 2018 02:05
 Operator : SY/AP
 Sample : J5993-02
 Misc : 5.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20180926-WCC-2-COMPOSITE

Manual Integrations
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 11/21/2018 1:58:15 PM

Quant Time: Nov 21 13:23:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	9430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	15907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	12389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	5090	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	5179	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
35) Dibromofluoromethane	7.88	113	4424	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
50) Toluene-d8	10.33	98	16973	42.40	ug/l	0.00
Spiked Amount			Recovery	=	84.80%	
62) 4-Bromofluorobenzene	12.62	95	6080	38.96	ug/l	0.00
Spiked Amount			Recovery	=	77.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	1631	101.46	ug/l	98
17) Carbon Disulfide	4.40	76	1894	6.89	ug/l #	75
20) Methylene Chloride	4.91	84	1473m	10.65	ug/l	
39) Methylcyclohexane	9.34	83	20708	110.11	ug/l	97
40) Benzene	8.33	78	6481	15.13	ug/l	92
52) Toluene	10.39	92	2021	7.05	ug/l	91
67) Ethyl Benzene	11.73	91	11179	23.70	ug/l	98
68) m/p-Xylenes	11.84	106	12539	68.27	ug/l	98
69) o-Xylene	12.17	106	8097	46.45	ug/l	98
73) Isopropylbenzene	12.47	105	3515	8.72	ug/l	87
78) n-propylbenzene	12.81	91	7480	15.44	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	14502	41.78	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	27386	78.54	ug/l	99
85) sec-Butylbenzene	13.39	105	3822	9.09	ug/l #	68
86) p-Isopropyltoluene	13.50	119	3373	9.18	ug/l	89
95) Naphthalene	15.38	128	9619	50.79	ug/l #	91

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

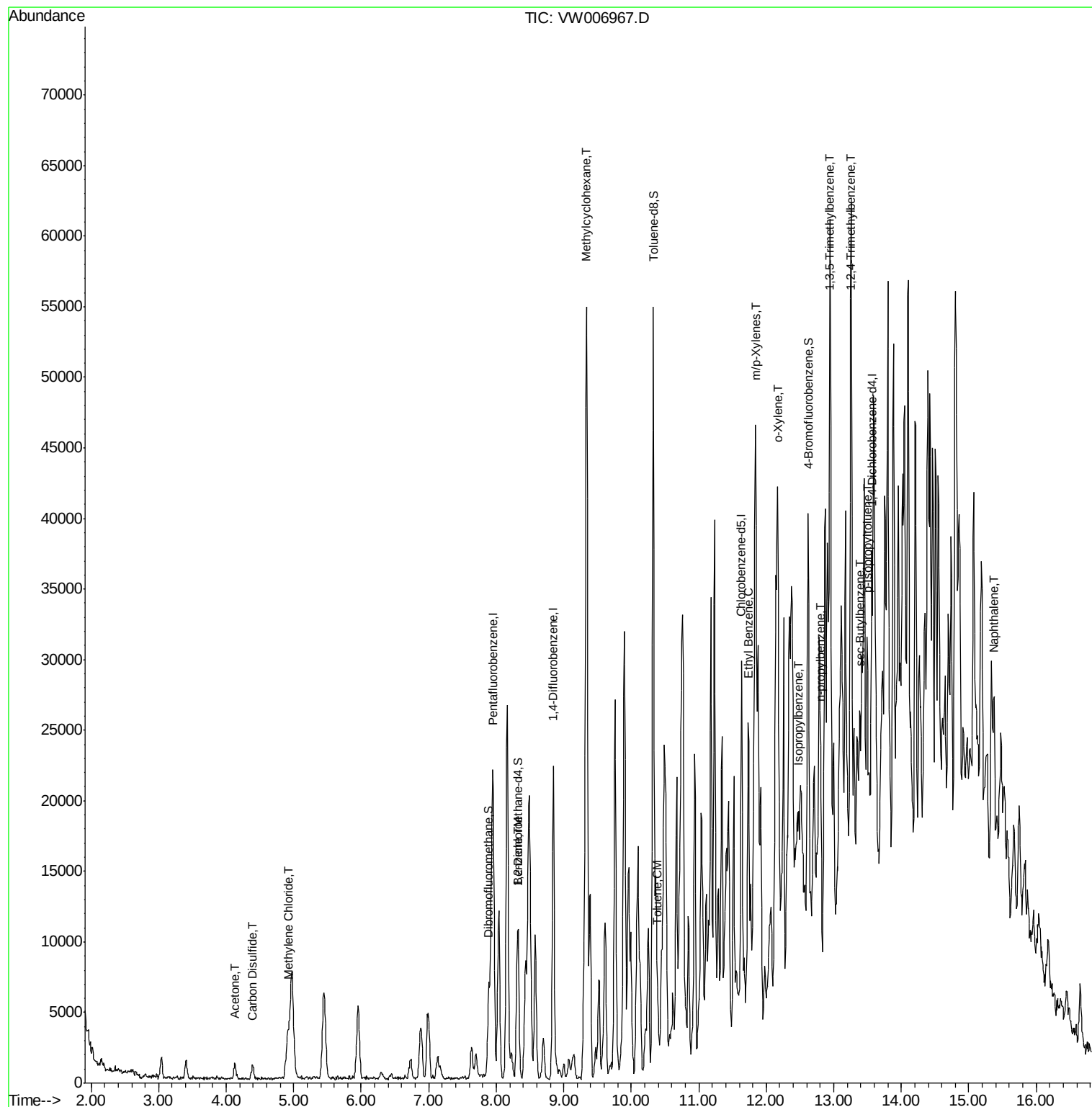
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112018\
Data File : VW006967.D
Acq On : 20 Nov 2018 02:05
Operator : SY/AP
Sample : J5993-02
Misc : 5.06G/5ML/MSVOA_W/SOIL
ALS Vial : 35 Sample Multiplier: 1

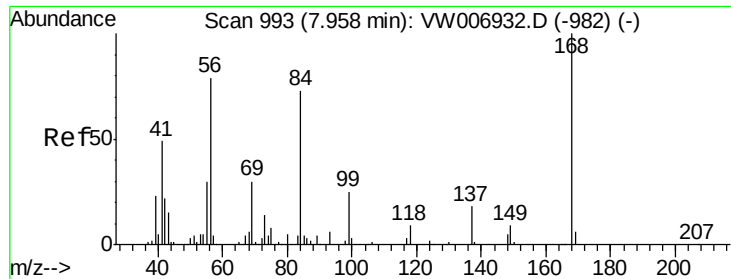
Instrument :
MSVOA_W
ClientSampleId :
20180926-WCC-2-COMPOSITE

Manual Integrations
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Quant Time: Nov 21 13:23:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 17 04:45:18 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: VW006967.D

Acq: 20 Nov 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

20180926-WCC-2-COMPOSITE

Tgt Ion:168 Resp: 9430

Ion Ratio Lower Upper

168 100

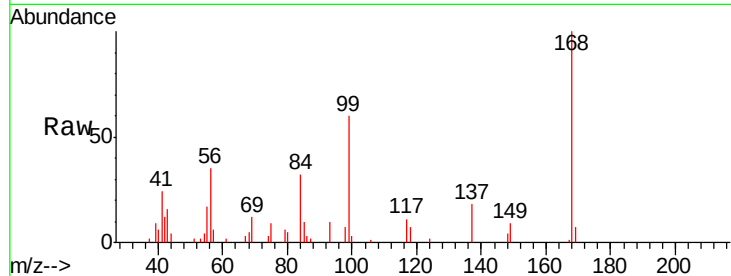
99 60.5 49.3 73.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

4000

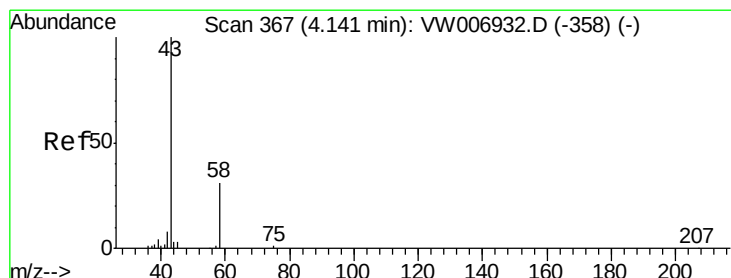
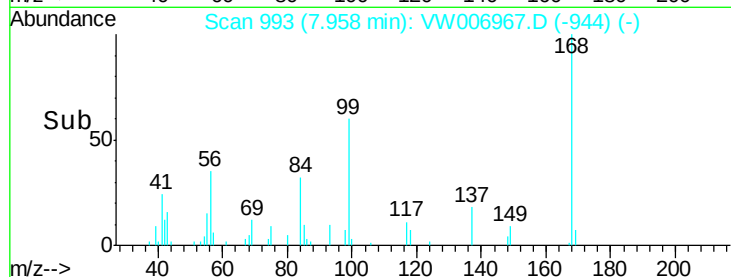
3000

2000

1000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 101.46 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW006967.D

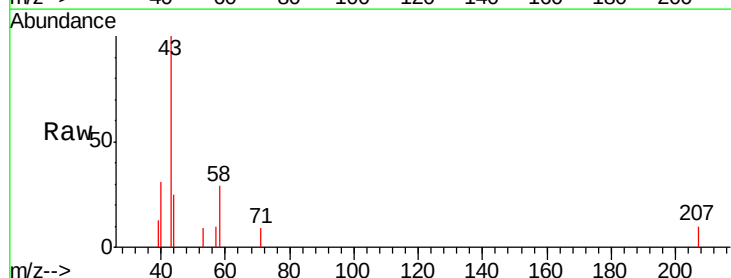
Acq: 20 Nov 2018 02:05

Tgt Ion: 43 Resp: 1631

Ion Ratio Lower Upper

43 100

58 29.5 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

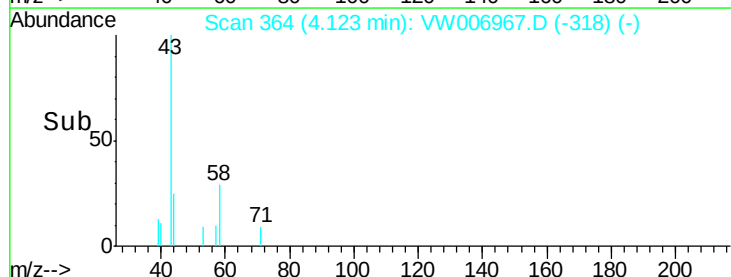
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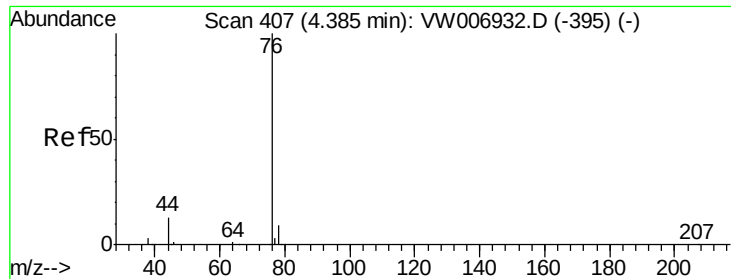
400

200

0

Time--> 4.05 4.10 4.15 4.20





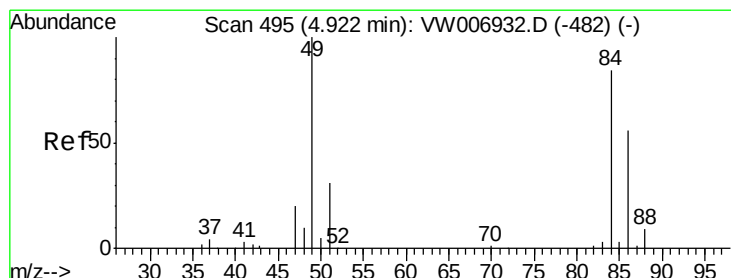
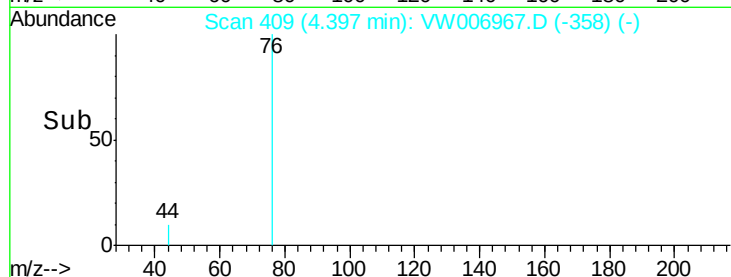
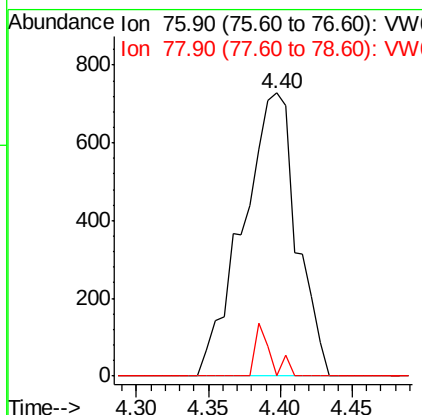
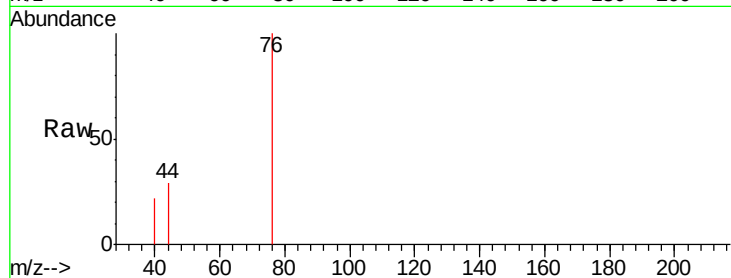
#17
Carbon Disulfide
Concen: 6.89 ug/l
RT: 4.40 min Scan# 409
Delta R.T. 0.01 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
20180926-WCC-2-COMPOSITE

Tgt Ion: 76 Resp: 1894
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#

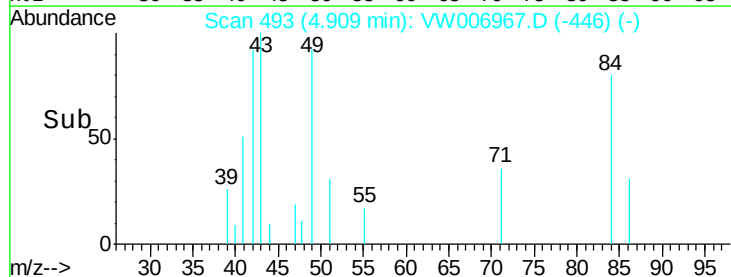
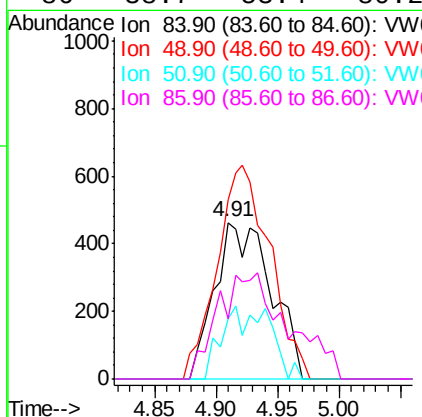
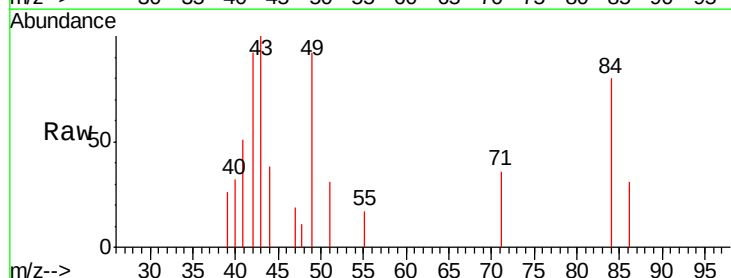
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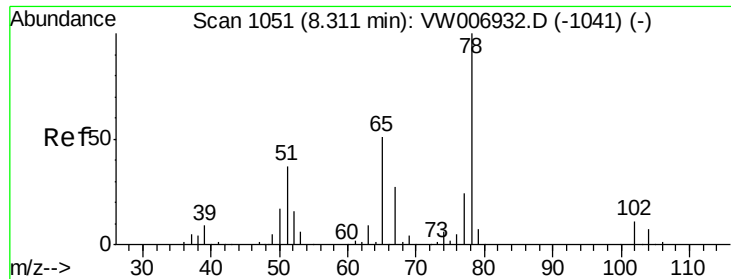
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#20
Methylene Chloride
Concen: 10.65 ug/l m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Tgt Ion: 84 Resp: 1473
Ion Ratio Lower Upper
84 100
49 114.9 95.4 143.2
51 38.4 29.5 44.3
86 38.7 53.4 80.2#





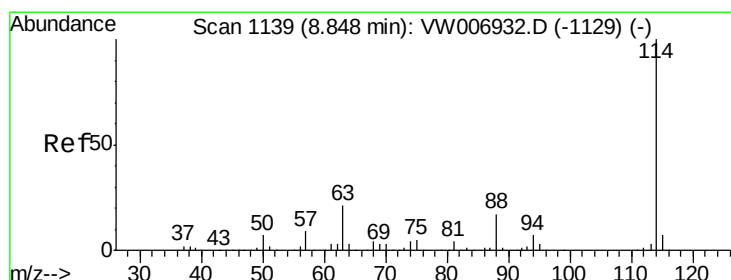
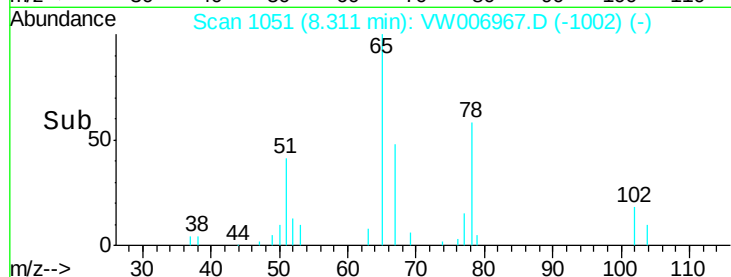
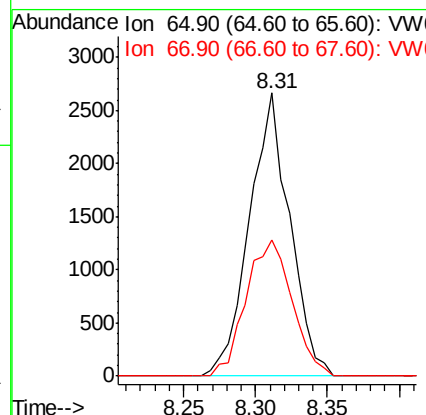
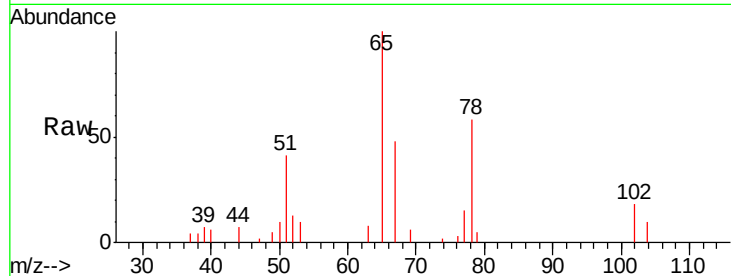
#33
 1,2-Dichloroethane-d4
 Concen: 49.28 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 20180926-WCC-2-COMPOSITE

Tgt Ion: 65 Resp: 5179
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 104.0

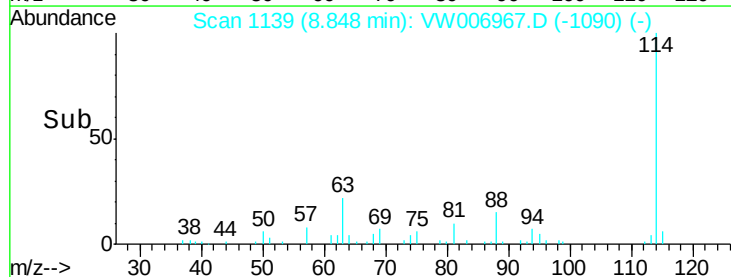
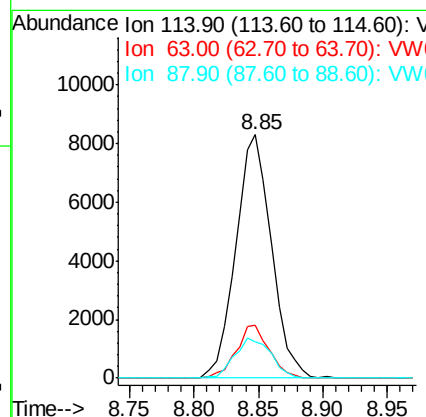
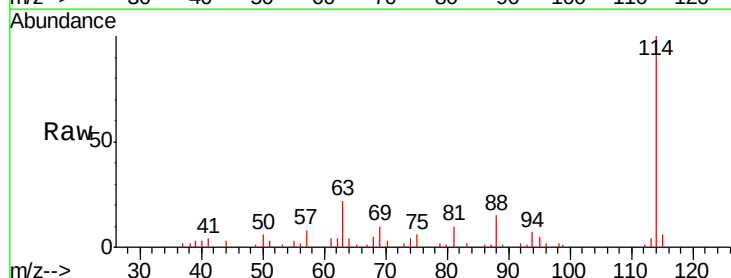
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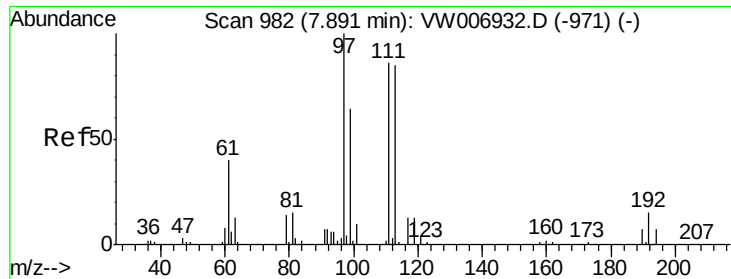
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

Tgt Ion: 114 Resp: 15907
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.2
 88 14.9 0.0 33.4





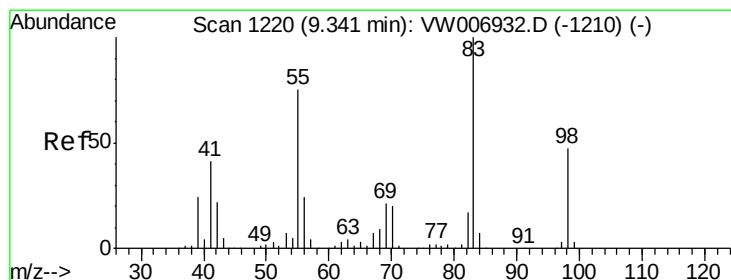
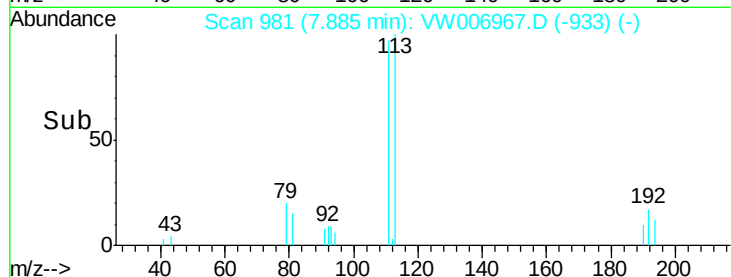
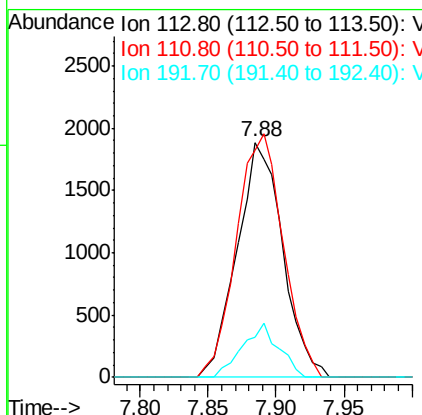
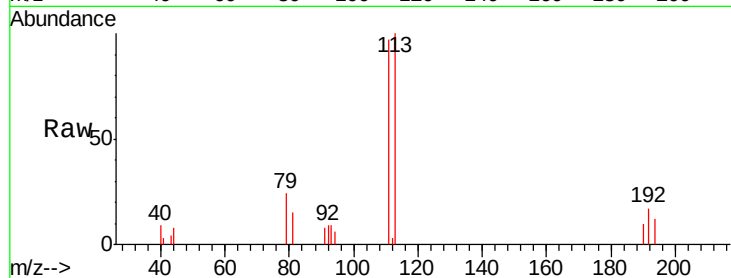
#35
Dibromofluoromethane
Concen: 47.50 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
20180926-WCC-2-COMPOSITE

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.1	81.7	122.5
192	18.3	13.9	20.9

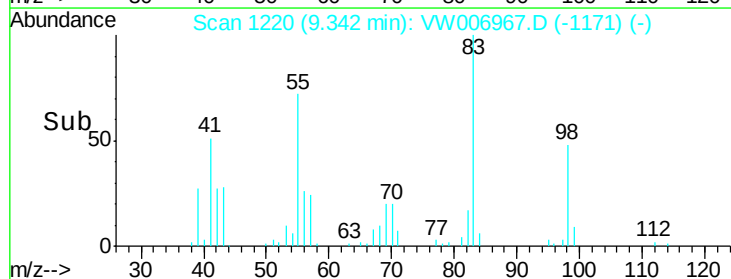
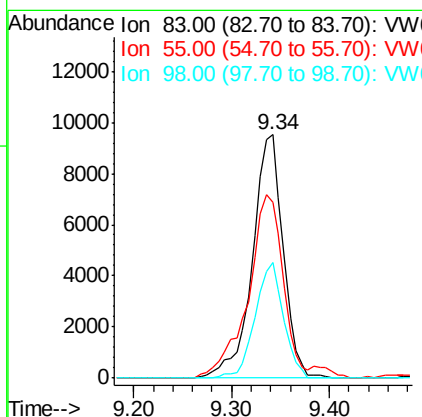
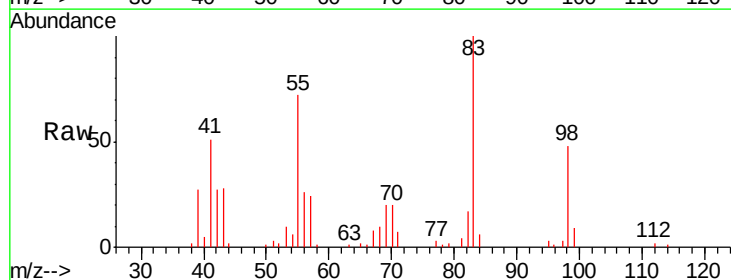
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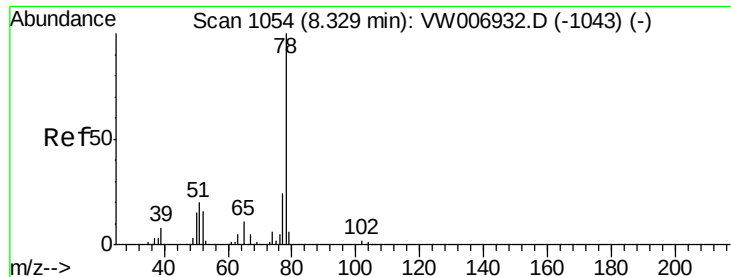
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#39
Methylcyclohexane
Concen: 110.11 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.4	60.2	90.4
98	47.6	37.3	55.9





#40

Benzene

Concen: 15.13 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

20180926-WCC-2-COMPOSITE

Tgt Ion: 78 Resp: 6481

Ion Ratio Lower Upper

78 100

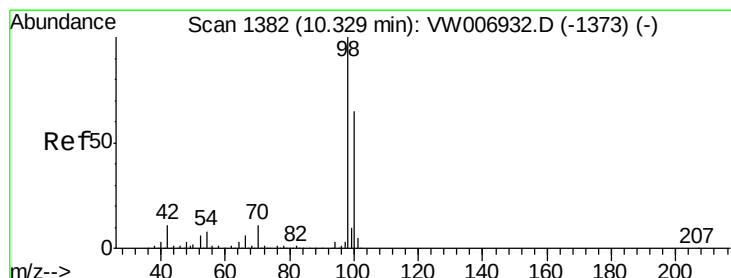
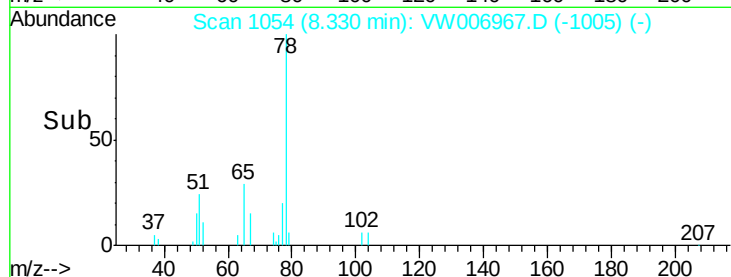
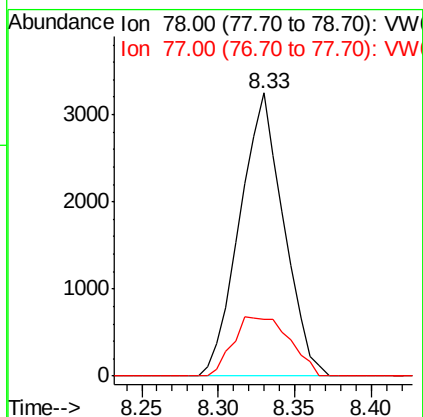
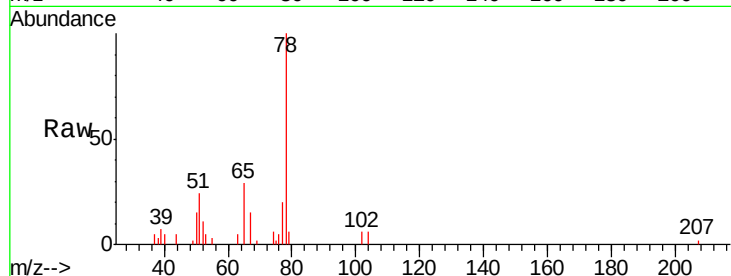
77 20.2 19.3 28.9

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#50

Toluene-d8

Concen: 42.40 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006967.D

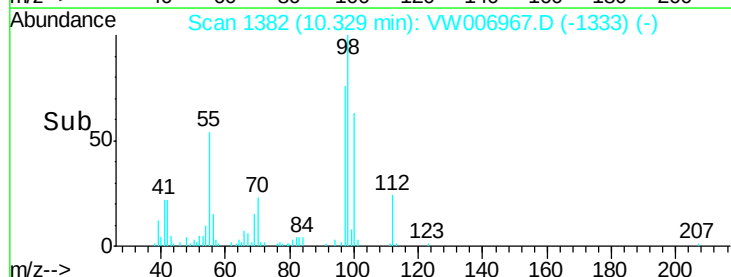
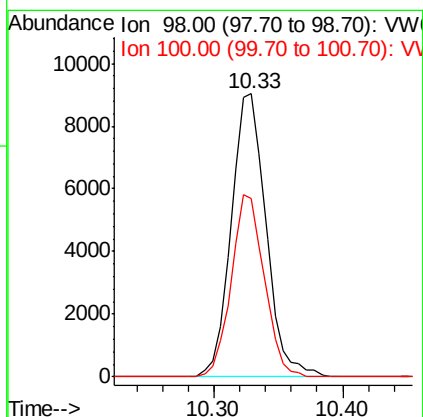
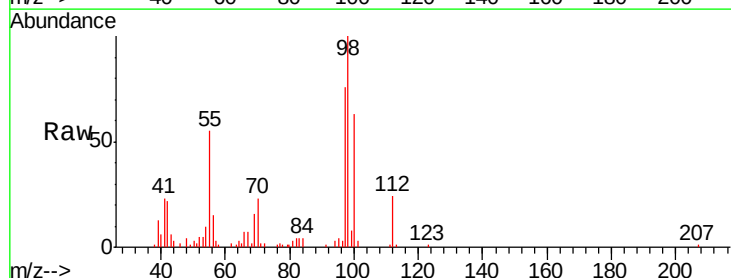
Acq: 20 Nov 2018 02:05

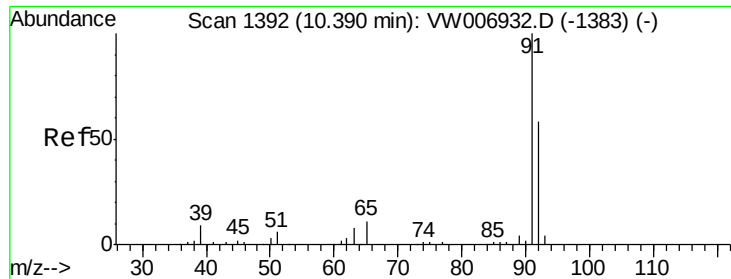
Tgt Ion: 98 Resp: 16973

Ion Ratio Lower Upper

98 100

100 60.9 52.3 78.5





#52

Toluene

Concen: 7.05 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

20180926-WCC-2-COMPOSITE

Tgt Ion: 92 Resp: 2021

Ion Ratio Lower Upper

92 100

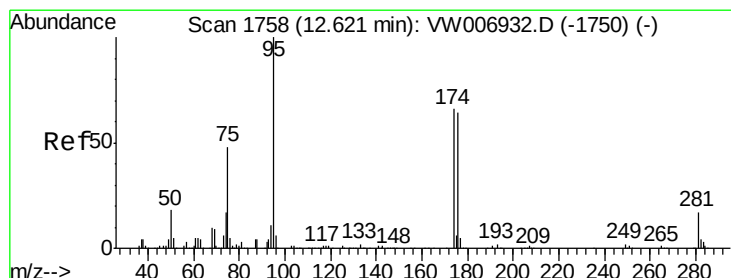
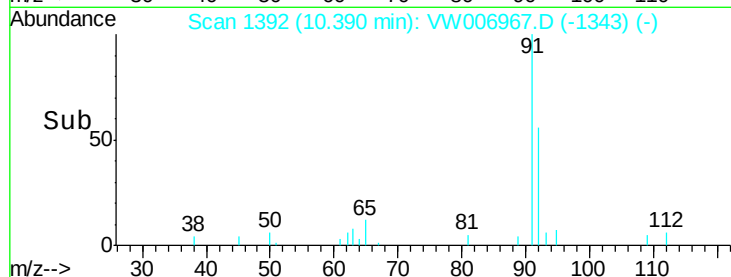
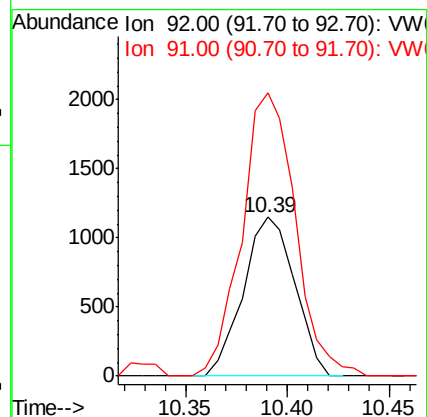
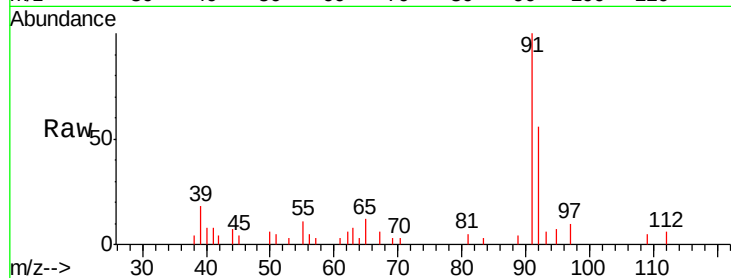
91 184.7 137.3 205.9

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#62

4-Bromofluorobenzene

Concen: 38.96 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

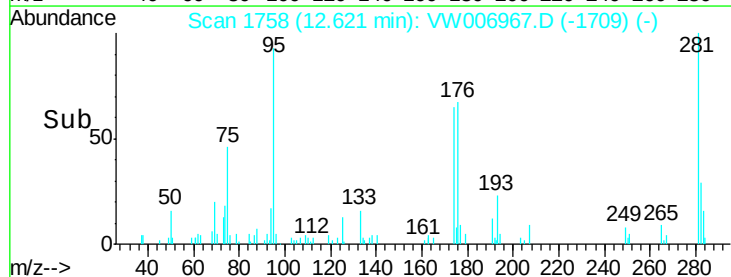
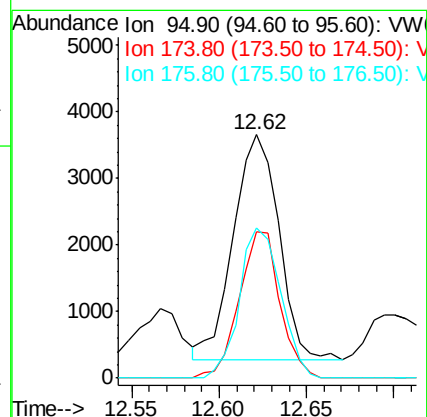
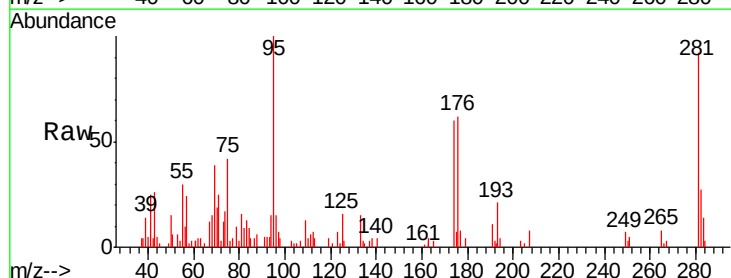
Tgt Ion: 95 Resp: 6080

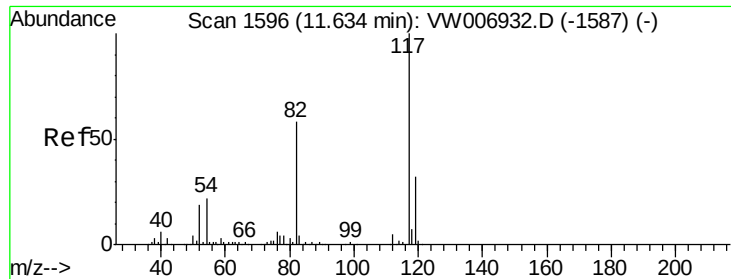
Ion Ratio Lower Upper

95 100

174 58.5 0.0 138.4

176 61.1 0.0 133.4





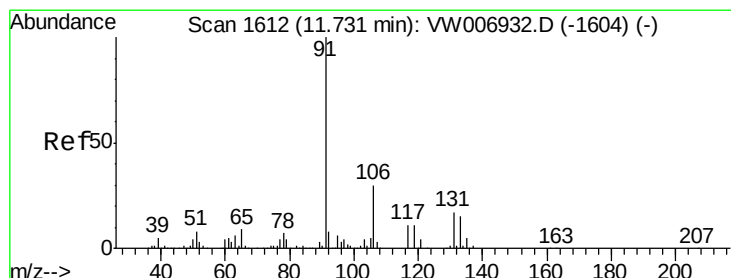
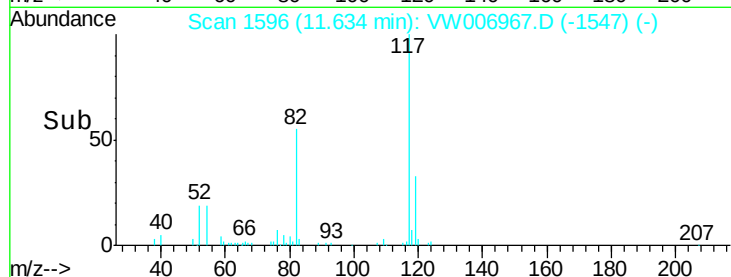
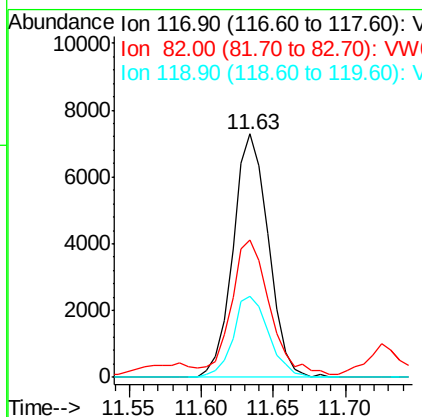
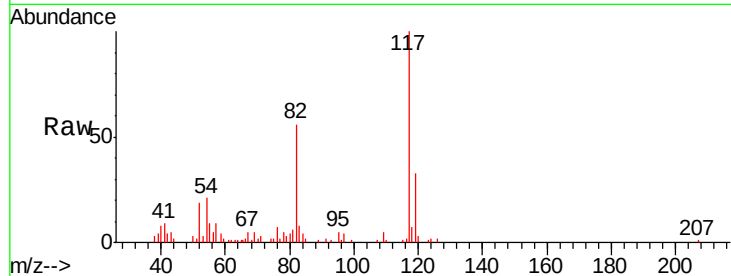
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
20180926-WCC-2-COMPOSITE

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	12389		
82	55.4	46.2	69.2	
119	33.4	25.5	38.3	

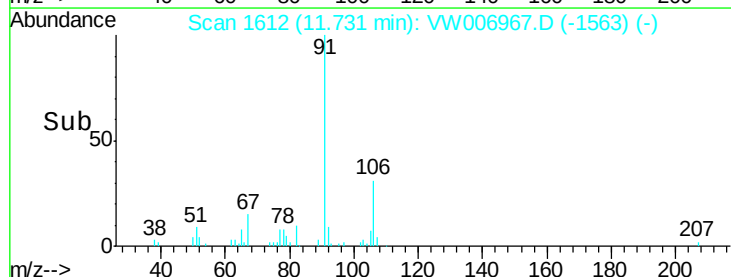
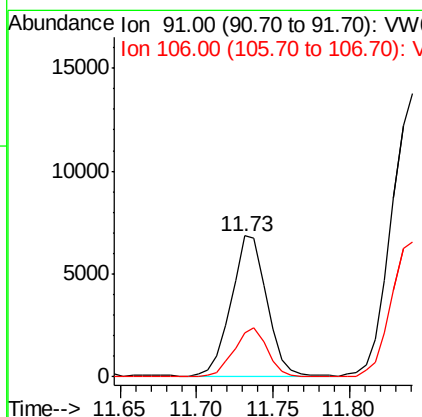
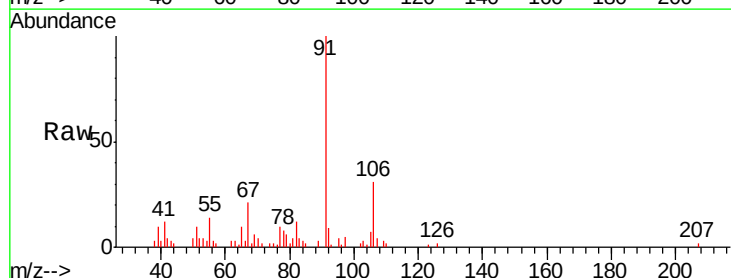
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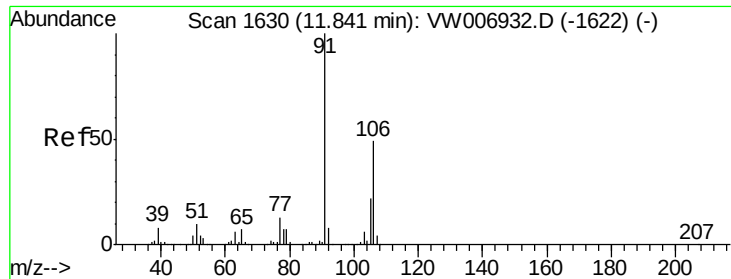
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#67
Ethyl Benzene
Concen: 23.70 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	11179		
106	30.9	24.0	36.0	





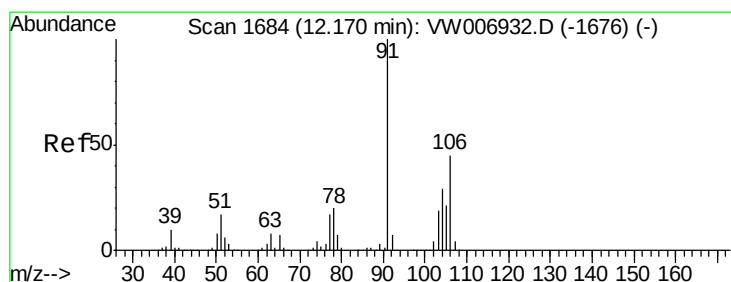
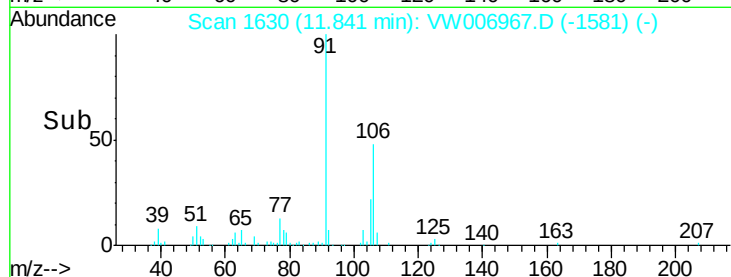
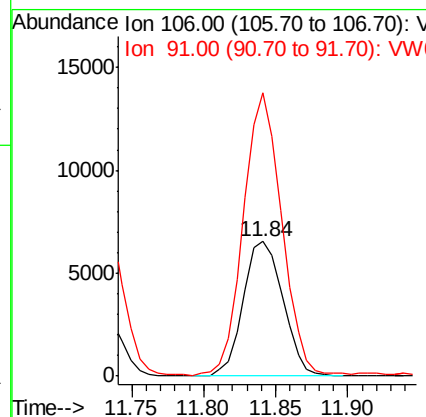
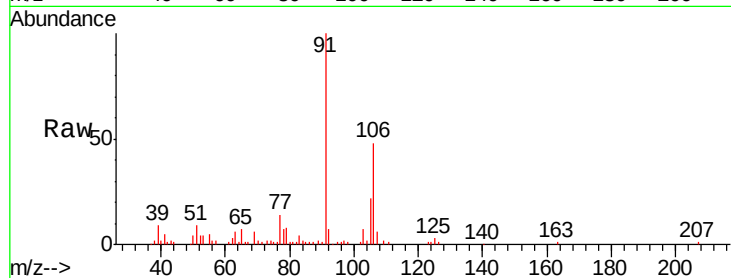
#68
m/p-Xylenes
Concen: 68.27 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
20180926-WCC-2-COMPOSITE

Tgt Ion:106 Resp: 12539
Ion Ratio Lower Upper
106 100
91 203.8 165.0 247.4

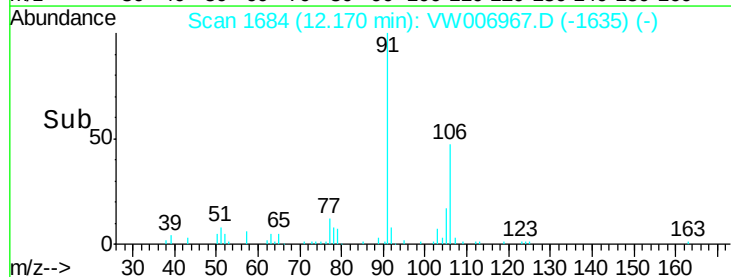
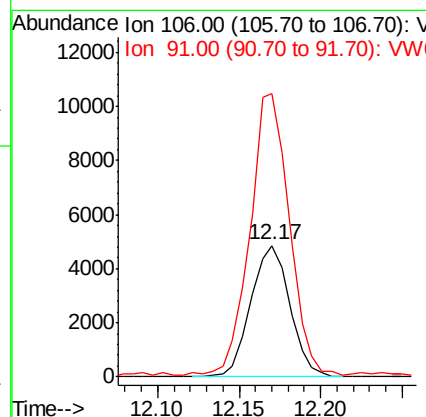
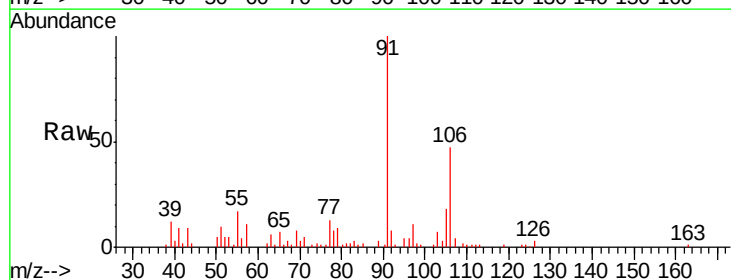
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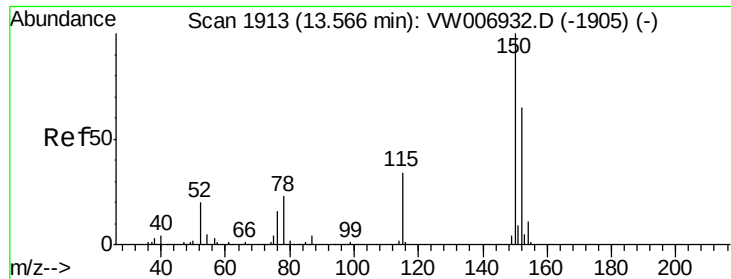
apatel
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#69
o-Xylene
Concen: 46.45 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Tgt Ion:106 Resp: 8097
Ion Ratio Lower Upper
106 100
91 215.7 109.2 327.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

Instrument :

MSVOA_W

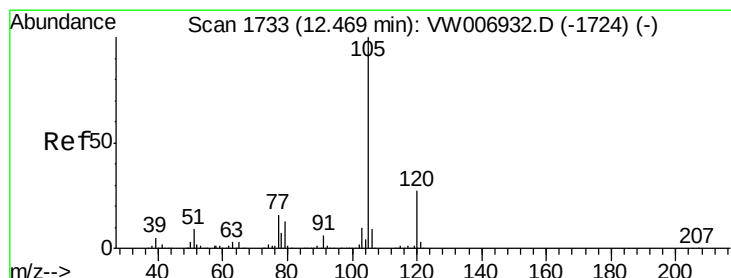
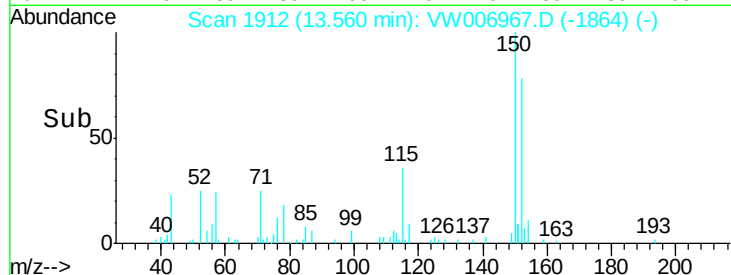
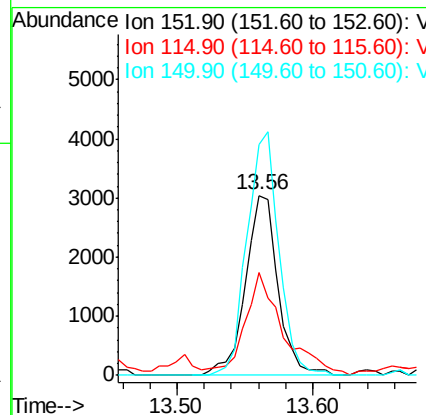
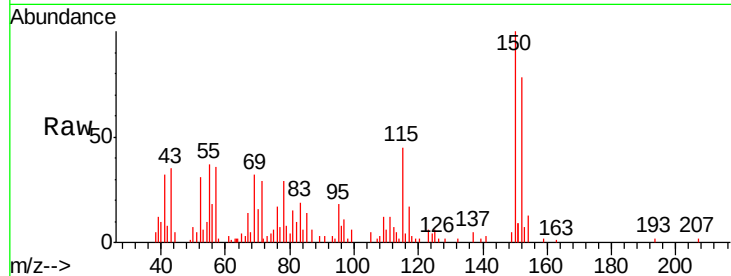
ClientSampleId :

20180926-WCC-2-COMPOSITE

Tgt Ion:	152	Resp:	5090
Ion Ratio	Lower	Upper	
152	100		
115	67.1	31.6	94.7
150	132.8	0.0	350.0

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#73

Isopropylbenzene

Concen: 8.72 ug/l

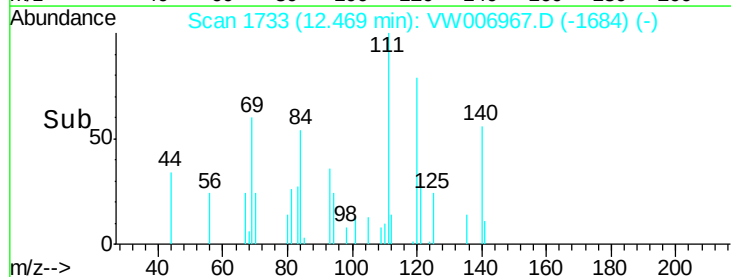
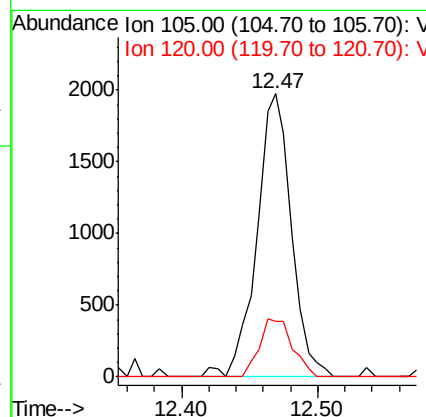
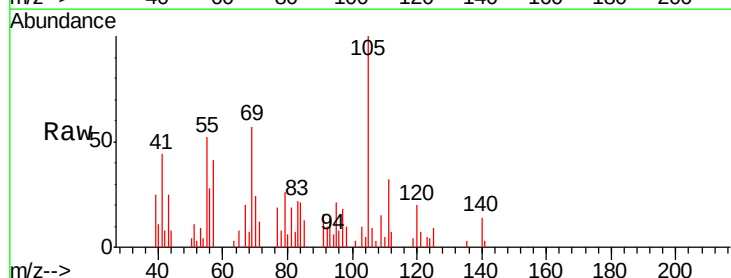
RT: 12.47 min Scan# 1733

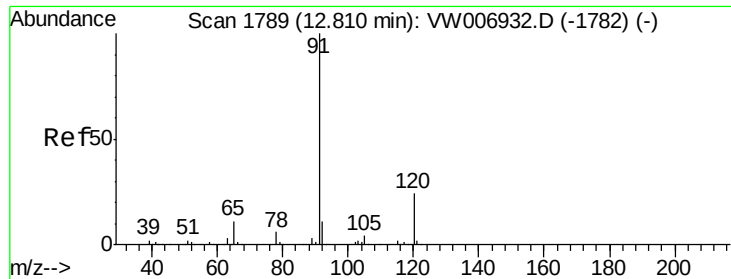
Delta R.T. 0.00 min

Lab File: VW006967.D

Acq: 20 Nov 2018 02:05

Tgt Ion:	105	Resp:	3515
Ion Ratio	Lower	Upper	
105	100		
120	19.6	13.2	39.6





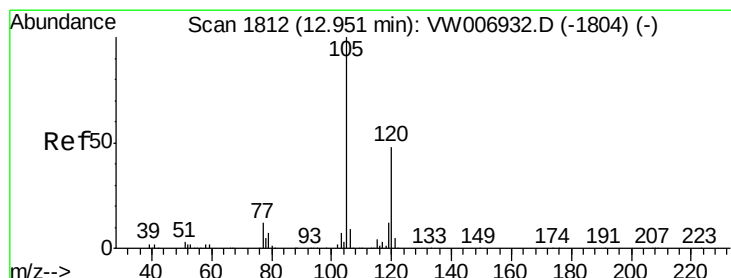
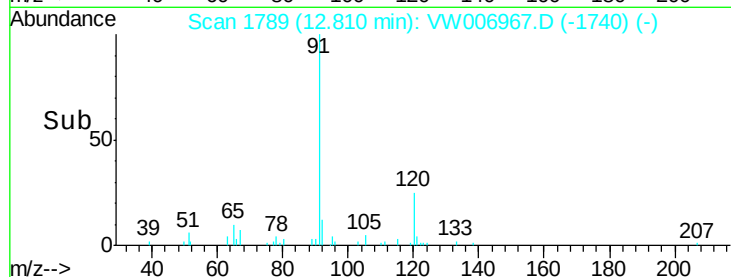
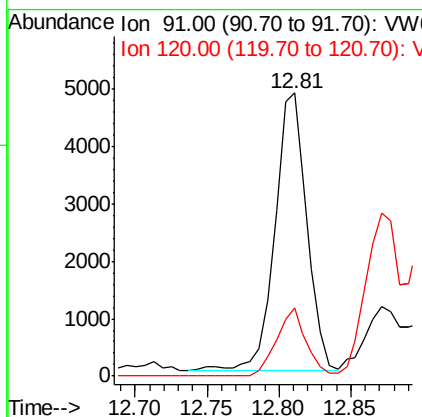
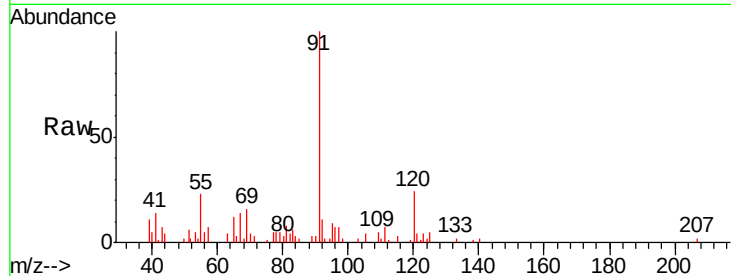
#78
n-propylbenzene
Concen: 15.44 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
20180926-WCC-2-COMPOSITE

Tgt Ion: 91 Resp: 7480
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5

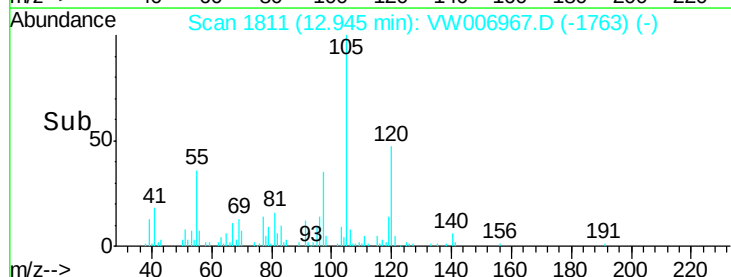
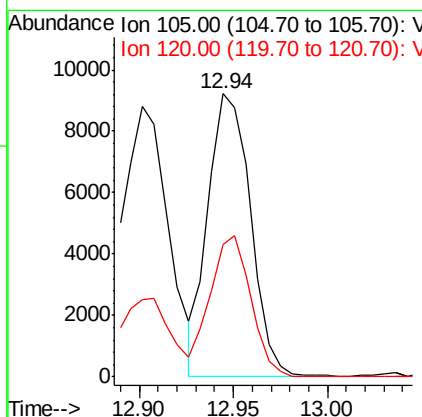
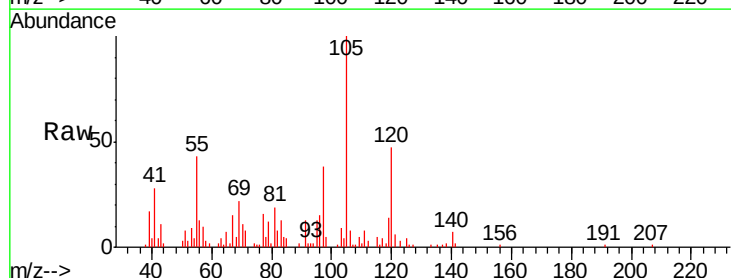
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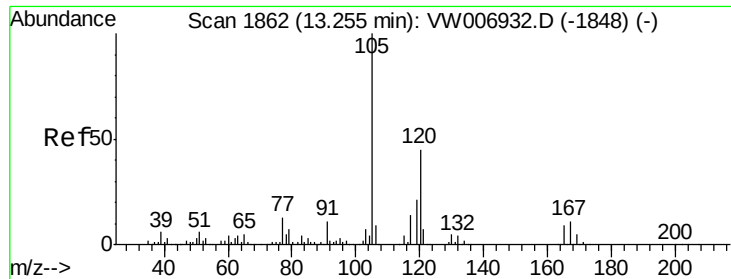
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#80
1,3,5-Trimethylbenzene
Concen: 41.78 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Tgt Ion: 105 Resp: 14502
Ion Ratio Lower Upper
105 100
120 47.6 23.5 70.5





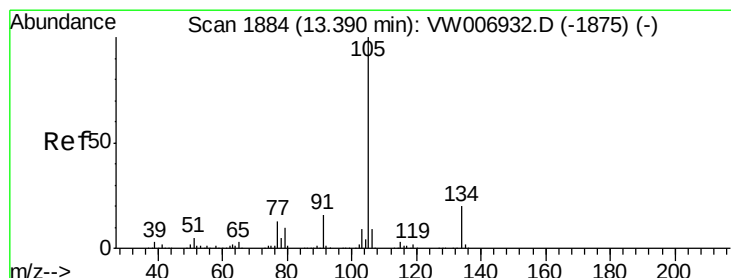
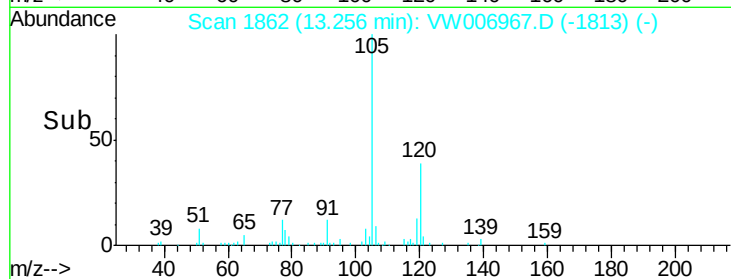
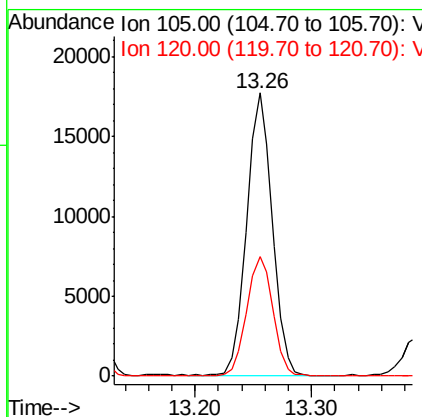
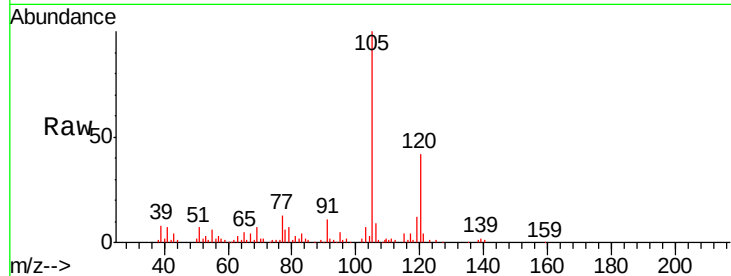
#84
 1,2,4-Trimethylbenzene
 Concen: 78.54 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 20180926-WCC-2-COMPOSITE

Tgt Ion:105 Resp: 27386
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.9 65.8

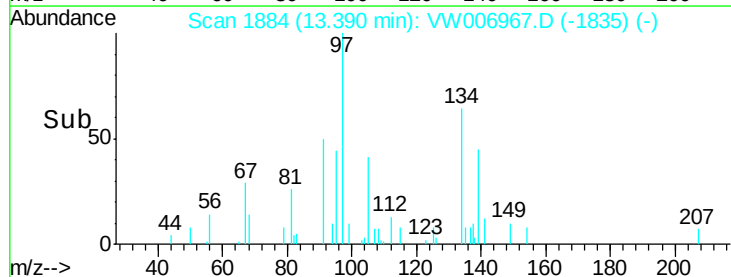
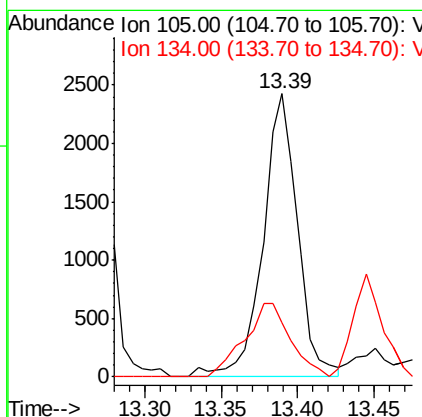
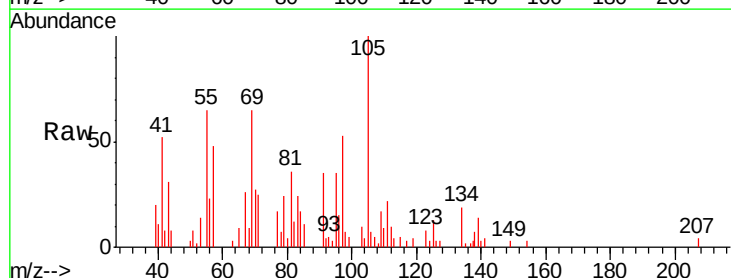
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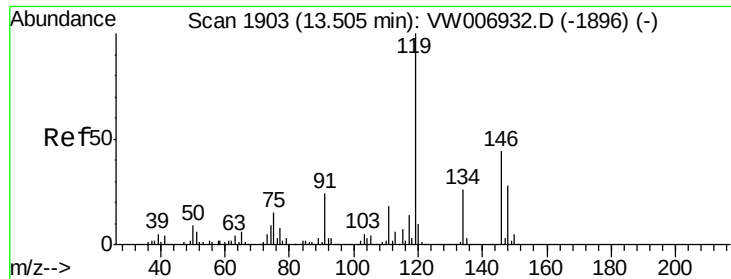
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#85
 sec-Butylbenzene
 Concen: 9.09 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006967.D
 Acq: 20 Nov 2018 02:05

Tgt Ion:105 Resp: 3822
 Ion Ratio Lower Upper
 105 100
 134 34.3 9.8 29.4#





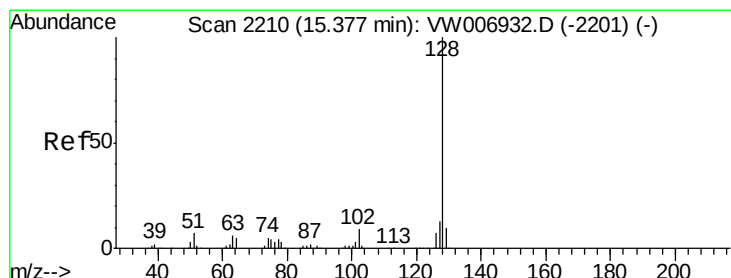
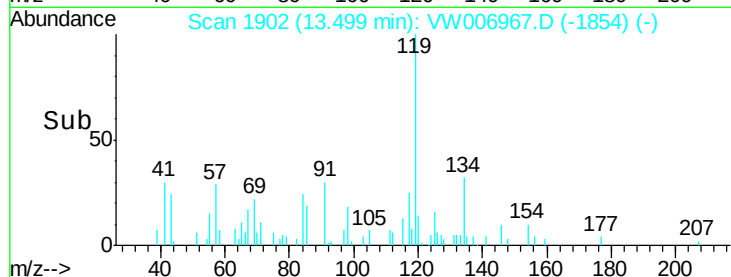
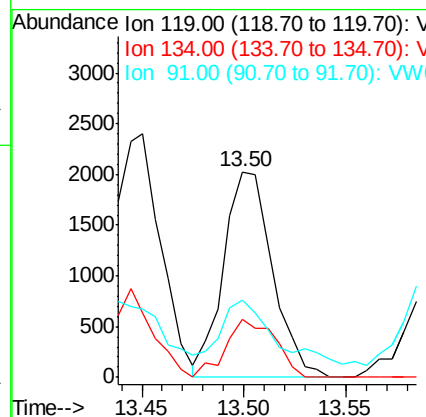
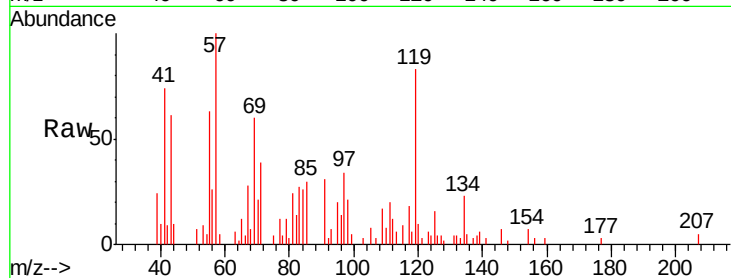
#86
p-Isopropyltoluene
Concen: 9.18 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.01 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
20180926-WCC-2-COMPOSITE

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.4	12.7	38.1
91	33.1	12.4	37.2

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#95
Naphthalene
Concen: 50.79 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006967.D
Acq: 20 Nov 2018 02:05

Tgt Ion	Ratio	Lower	Upper
128	100		
127	18.7	10.6	15.8#
129	11.5	8.5	12.7

