

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 Data File : VW006230.D
 Acq On : 19 Oct 2018 17:29
 Operator : VA/AP
 Sample : J5605-01
 Misc : 5.28G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-A

Manual Integrations
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 10/22/2018 12:17:48 PM

Quant Time: Oct 20 02:09:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	50173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	71196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	57461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	22079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	22464	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
35) Dibromofluoromethane	7.89	113	20379	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
50) Toluene-d8	10.33	98	73528	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
62) 4-Bromofluorobenzene	12.62	95	22516	37.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.92%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	8616	101.623	ug/l	97
20) Methylene Chloride	4.93	84	1726m	2.371	ug/l	
25) 2-Butanone	7.19	43	2780	24.739	ug/l	99
39) Methylcyclohexane	9.34	83	10385	11.905	ug/l	97
52) Toluene	10.40	92	2860	2.370	ug/l	98
68) m/p-Xylenes	11.85	106	14327	17.004	ug/l	100
73) Isopropylbenzene	12.47	105	9188	5.890	ug/l	98
78) n-propylbenzene	12.81	91	21831	12.030	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	40156	30.538	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	101171	76.033	ug/l	99
85) sec-Butylbenzene	13.39	105	4125	2.482	ug/l #	51
86) p-Isopropyltoluene	13.51	119	4686	3.117	ug/l	96
89) n-Butylbenzene	13.83	91	3091	2.248	ug/l #	82
95) Naphthalene	15.38	128	1909	2.199	ug/l #	93

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

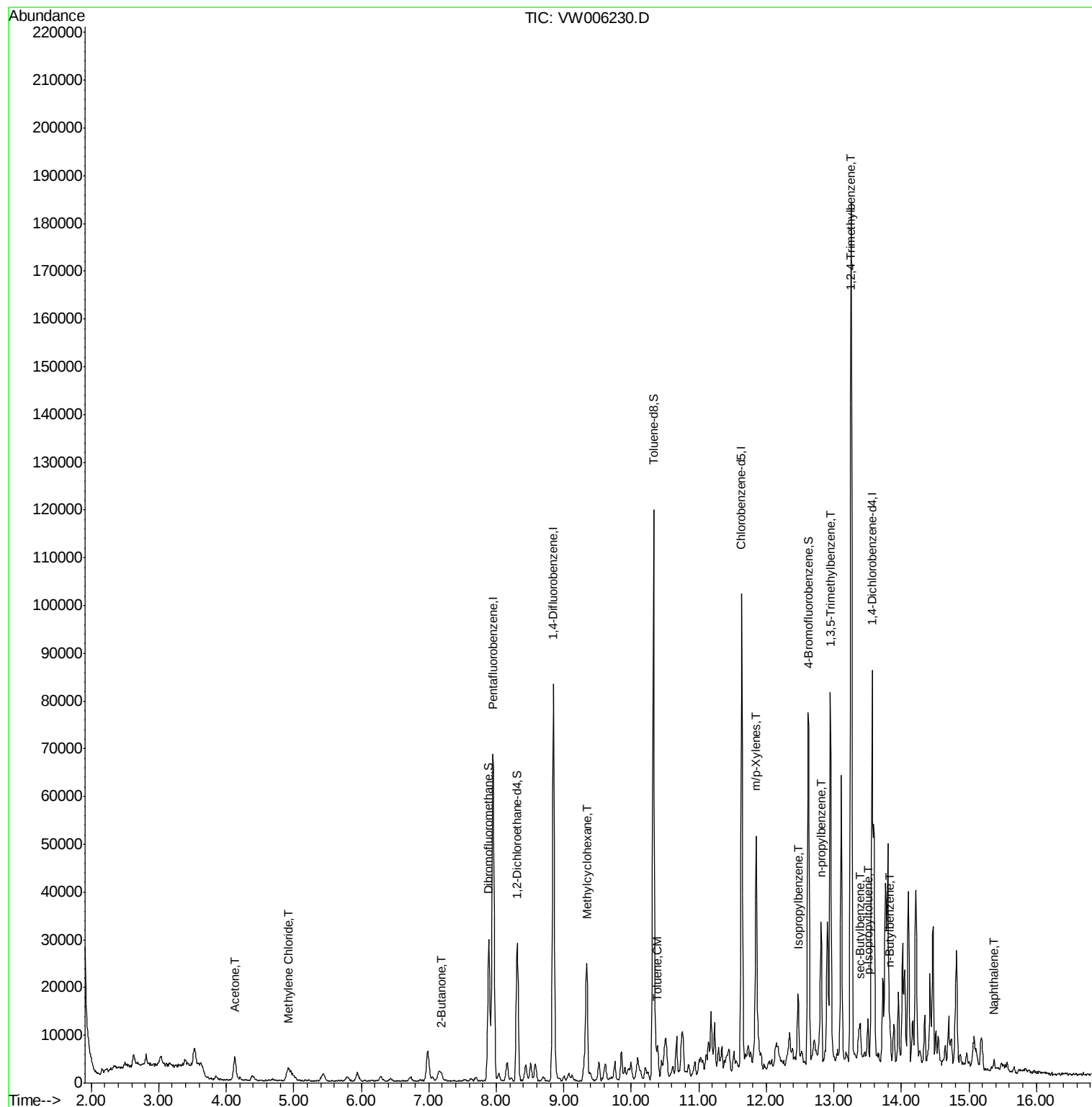
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101918\
Data File : VW006230.D
Acq On : 19 Oct 2018 17:29
Operator : VA/AP
Sample : J5605-01
Misc : 5.28G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

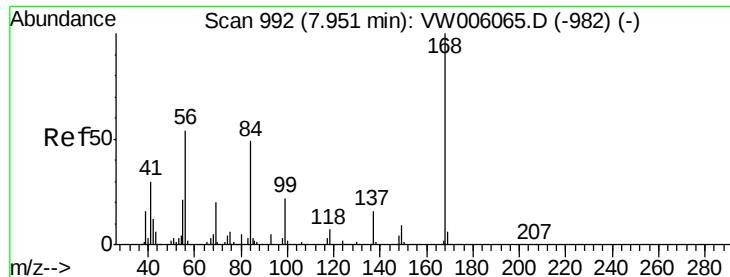
Instrument :
MSVOA_W
ClientSampleId :
TP-A

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Quant Time: Oct 20 02:09:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampled :

TP-A

Tot Ion:168 Resp: 50173

Ion Ratio Lower Upper

168 100

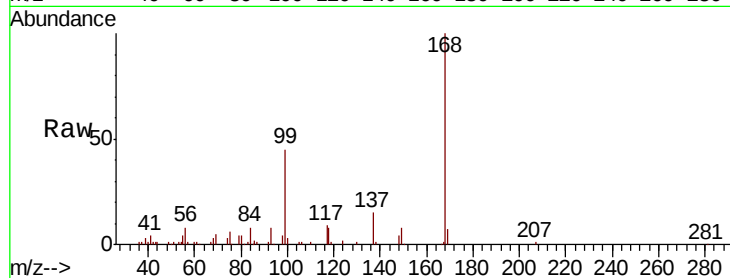
99 44.5 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

25000

20000

15000

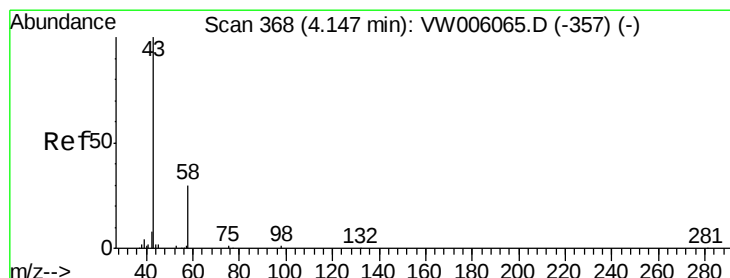
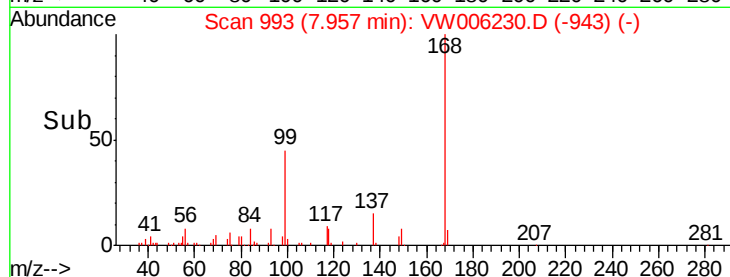
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 101.623 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW006230.D

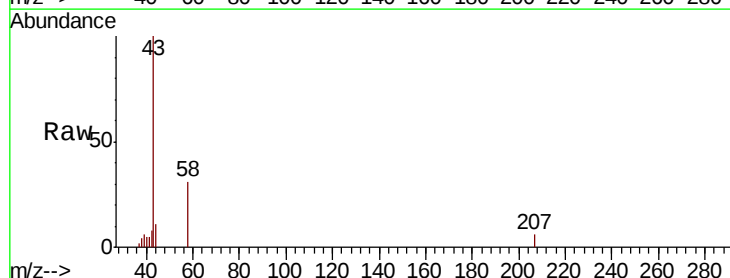
Acq: 19 Oct 2018 17:29

Tgt Ion: 43 Resp: 8616

Ion Ratio Lower Upper

43 100

58 31.4 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

3000

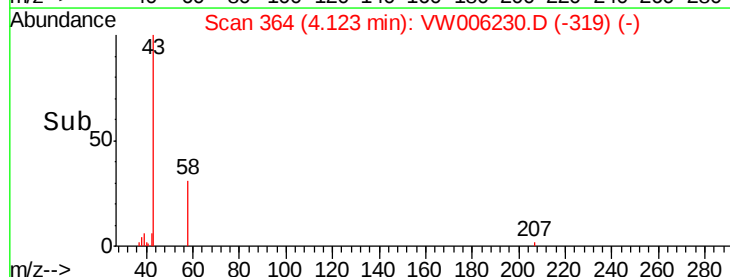
2000

1000

0

4.00 4.10 4.20

Time-->





#20

Methylene Chloride

Concen: 2.371 ug/l m

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampleId :

TP-A

Tot Ion: 84 Resp: 1726

Ion Ratio Lower Upper

84 100

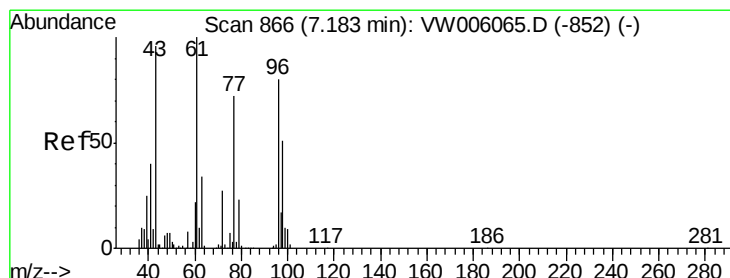
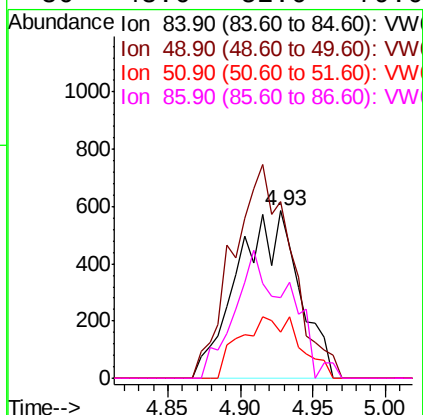
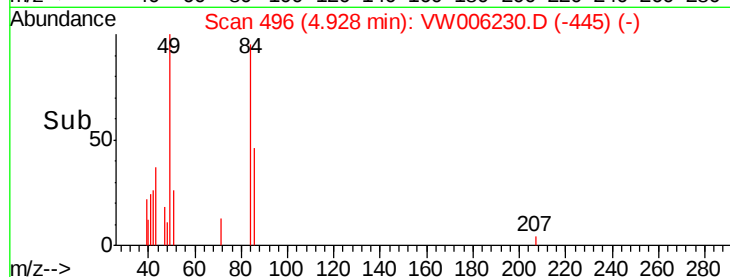
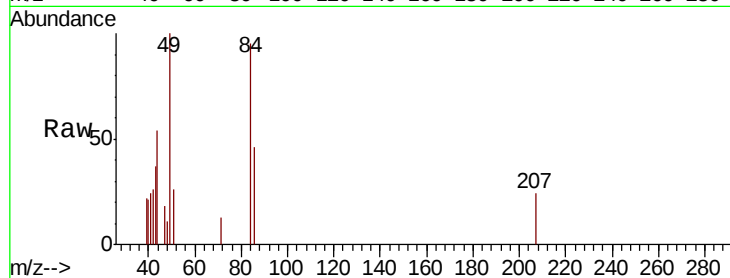
49 105.7 93.6 140.4

51 27.7 29.0 43.4#

86 48.6 52.6 79.0#

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#25

2-Butanone

Concen: 24.739 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW006230.D

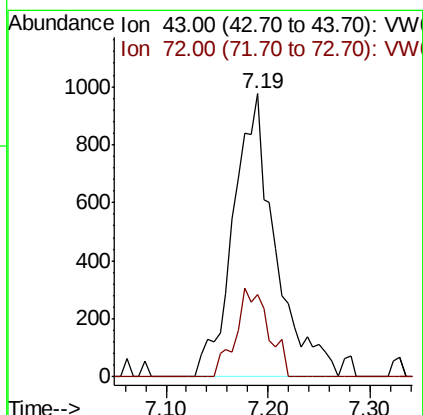
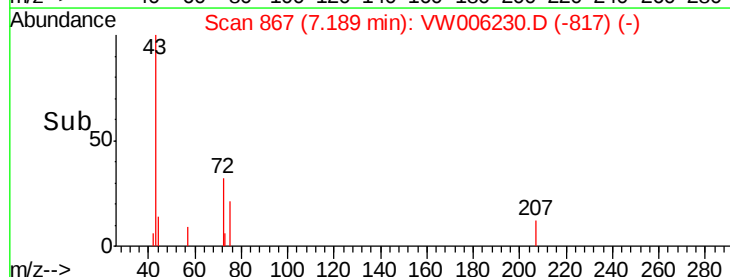
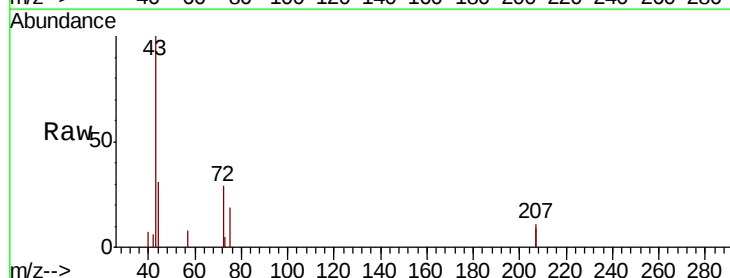
Acq: 19 Oct 2018 17:29

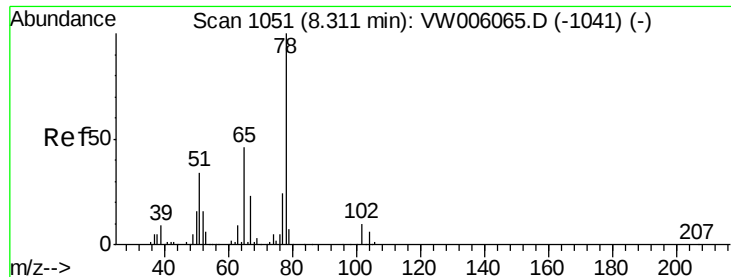
Tgt Ion: 43 Resp: 2780

Ion Ratio Lower Upper

43 100

72 29.0 22.8 34.2





#33

1,2-Dichloroethane-d4

Concen: 54.005 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampleId :

TP-A

Tot Ion: 65 Resp: 22464

Ion Ratio Lower Upper

65 100

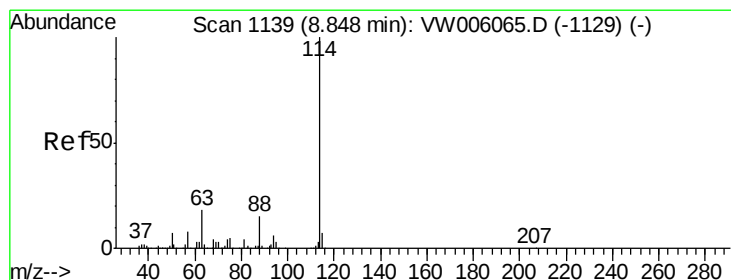
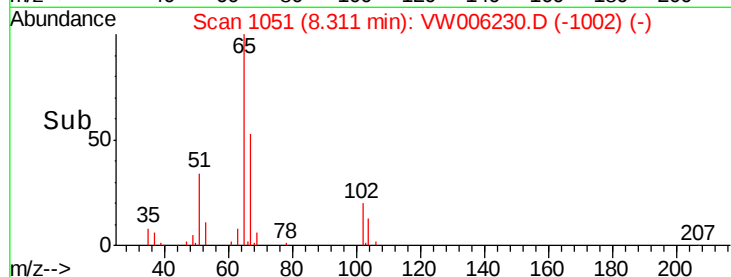
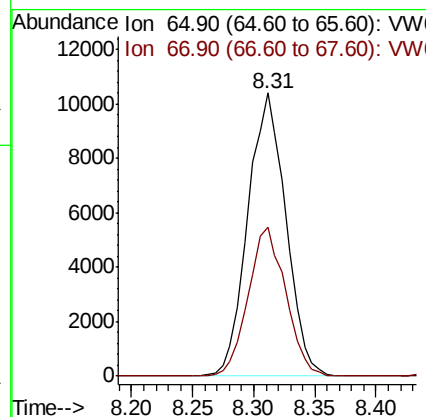
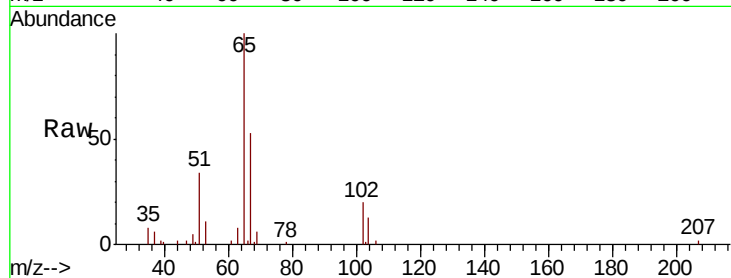
67 52.0 0.0 101.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

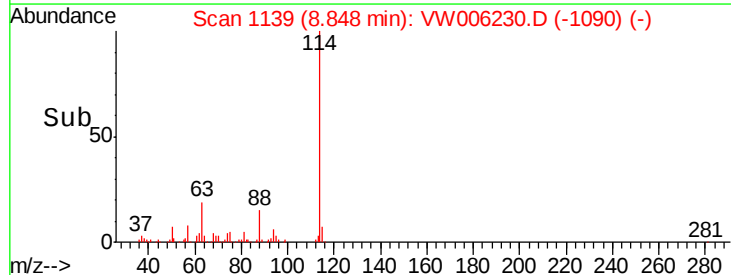
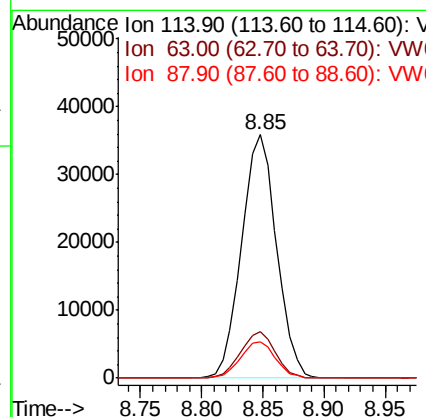
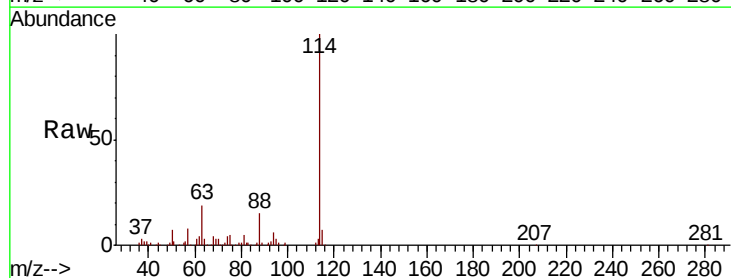
Tgt Ion: 114 Resp: 71196

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.8

88 14.8 0.0 29.0





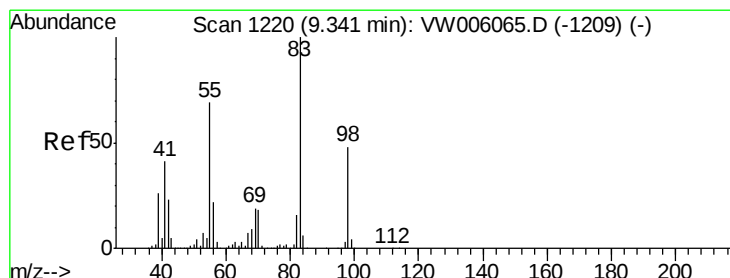
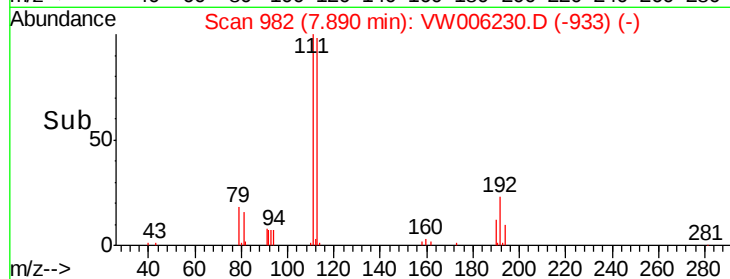
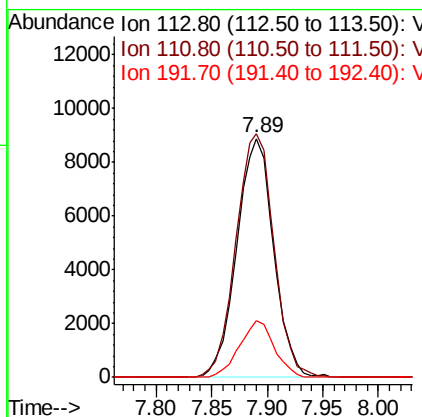
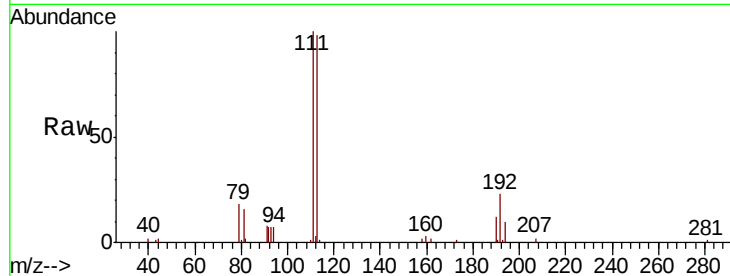
#35
 Dibromofluoromethane
 Concen: 48.441 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006230.D
 Acq: 19 Oct 2018 17:29

Instrument :
 MSVOA_W
 ClientSampled :
 TP-A

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.1	81.4	122.0
192	22.5	18.7	28.1

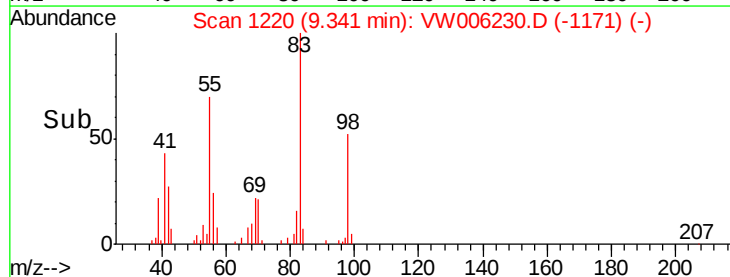
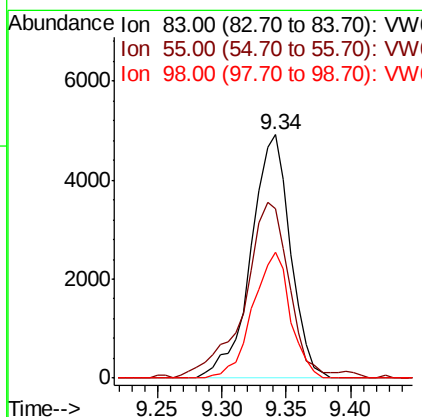
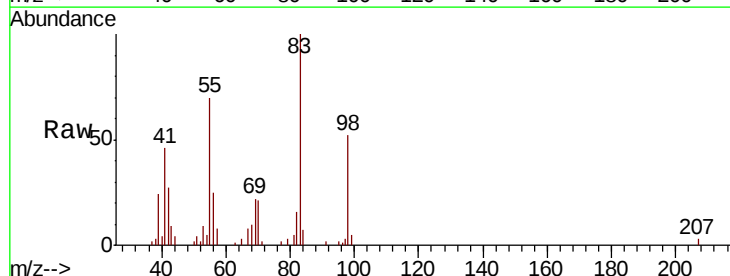
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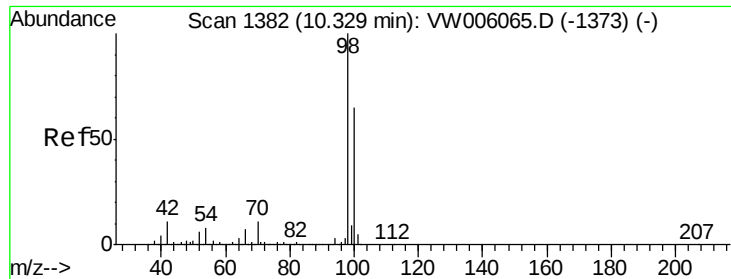
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#39
 Methylcyclohexane
 Concen: 11.905 ug/l
 RT: 9.34 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: VW006230.D
 Acq: 19 Oct 2018 17:29

Tgt Ion	Ratio	Lower	Upper
83	100		
55	67.3	55.0	82.6
98	51.5	38.6	57.8





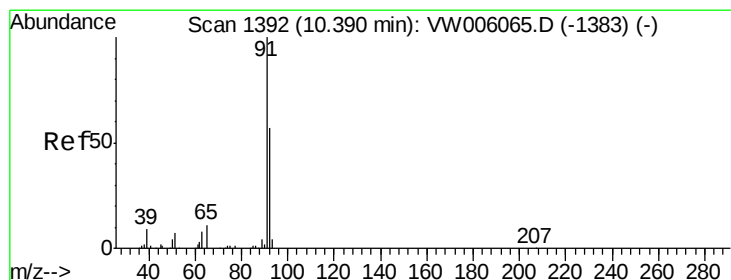
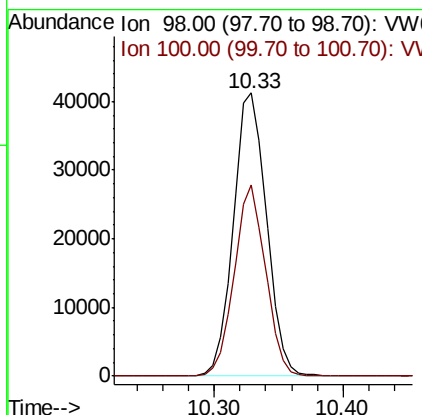
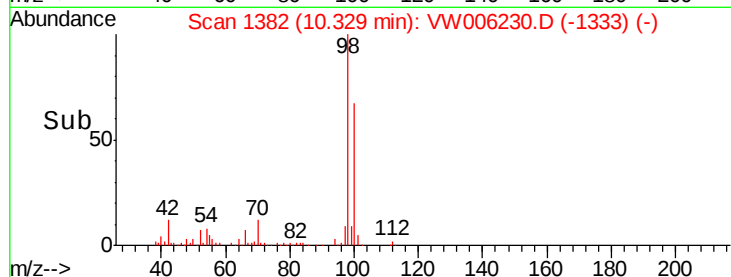
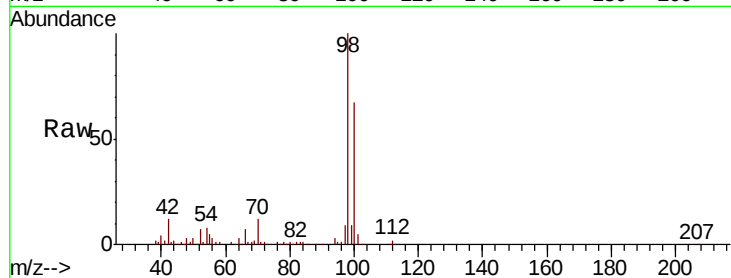
#50
Toluene-d8
Concen: 45.940 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006230.D
Acq: 19 Oct 2018 17:29

Instrument :
MSVOA_W
ClientSampled :
TP-A

Tot Ion: 98 Resp: 73528
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4

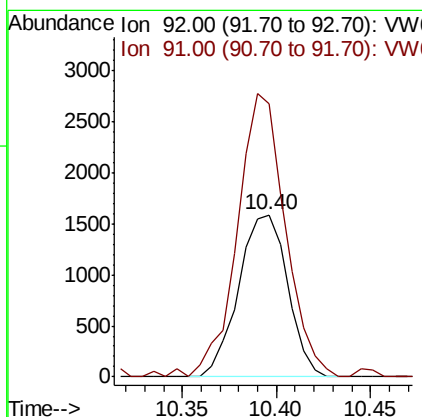
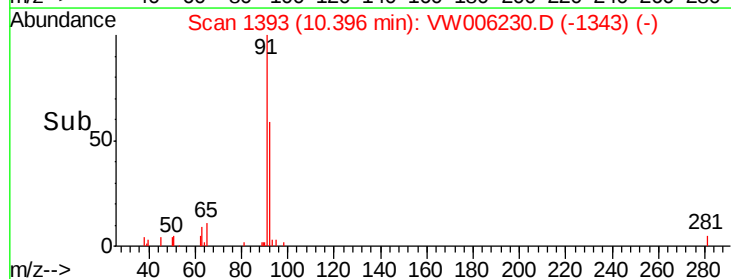
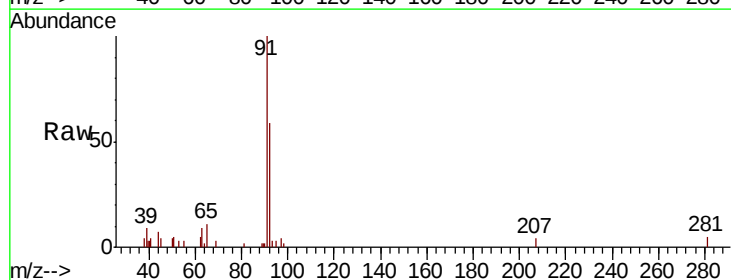
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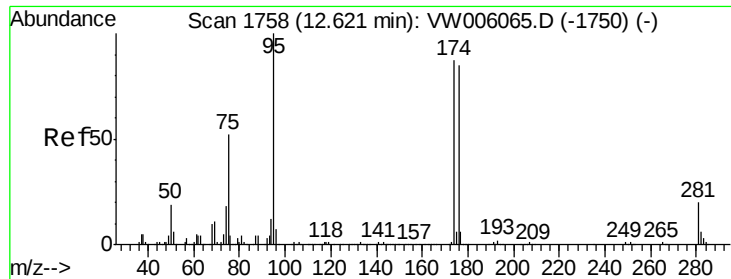
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#52
Toluene
Concen: 2.370 ug/l
RT: 10.40 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VW006230.D
Acq: 19 Oct 2018 17:29

Tgt Ion: 92 Resp: 2860
Ion Ratio Lower Upper
92 100
91 171.8 140.0 210.0





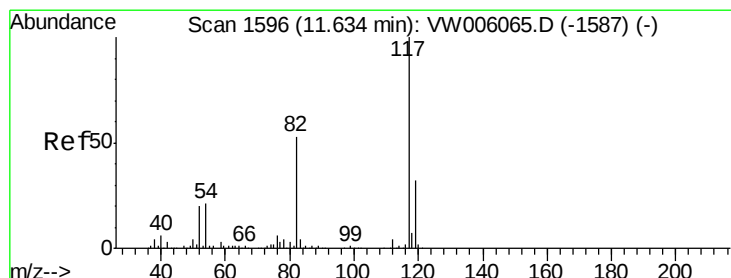
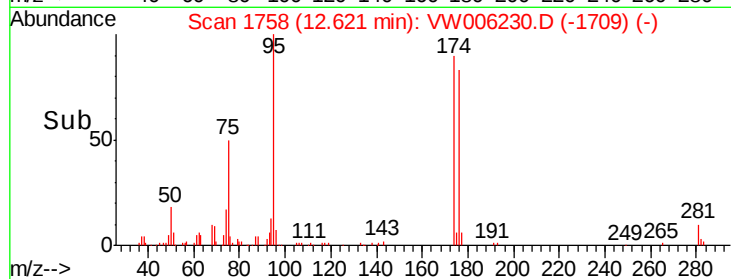
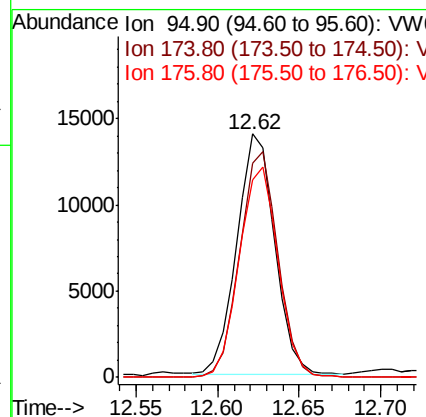
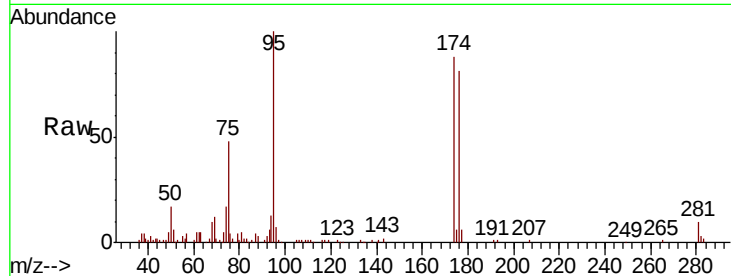
#62
4-Bromofluorobenzene
Concen: 37.455 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006230.D
Acq: 19 Oct 2018 17:29

Instrument :
MSVOA_W
ClientSampled :
TP-A

Tot Ion	Ratio	Resp	Lower	Upper
95	100	22516		
174	94.8	0.0	186.0	
176	90.3	0.0	181.6	

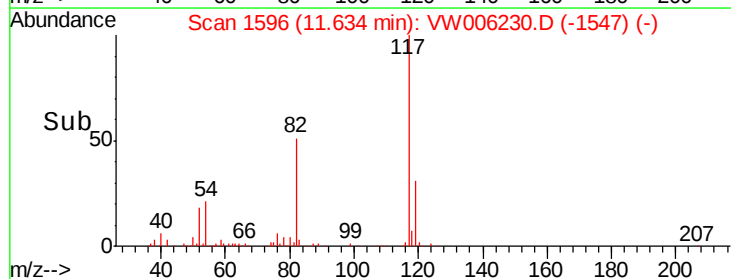
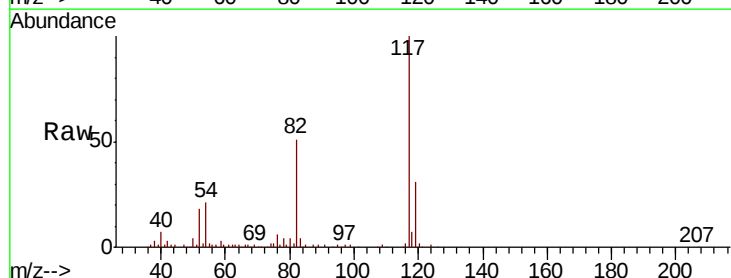
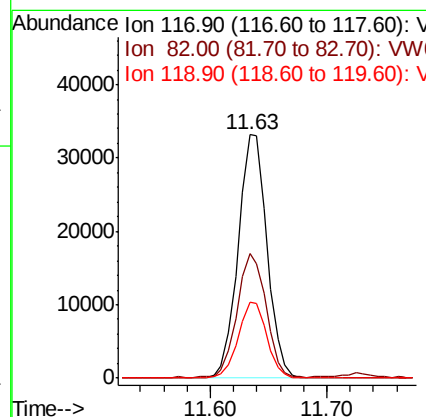
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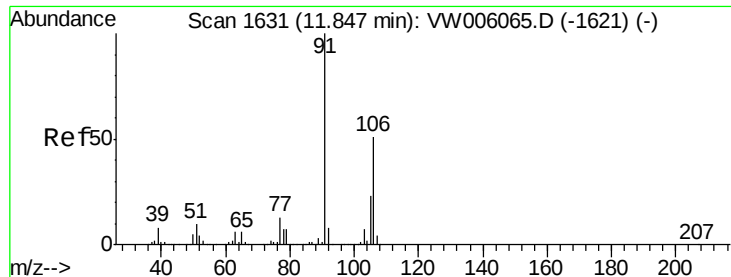
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006230.D
Acq: 19 Oct 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	57461		
82	50.9	42.1	63.1	
119	31.4	25.8	38.6	





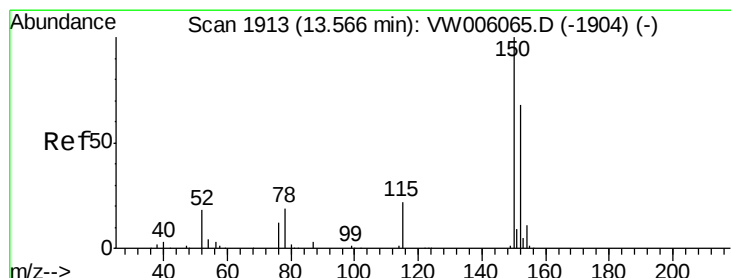
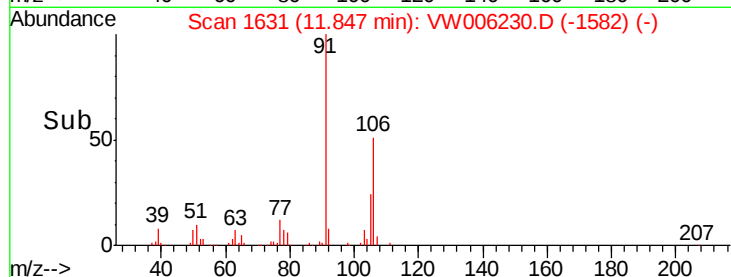
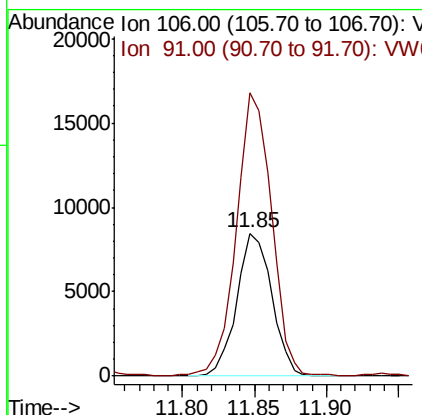
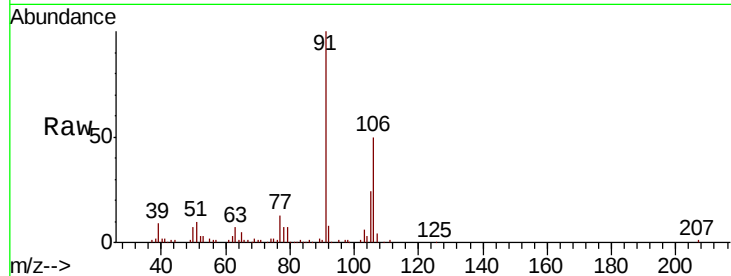
#68
m/p-Xvlenes
Concen: 17.004 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW006230.D
Acq: 19 Oct 2018 17:29

Instrument :
MSVOA_W
ClientSampled :
TP-A

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	199.5	159.1	238.7	

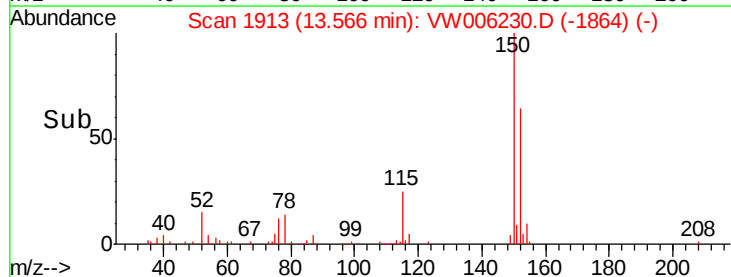
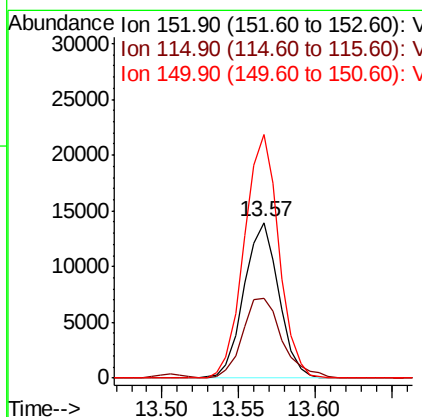
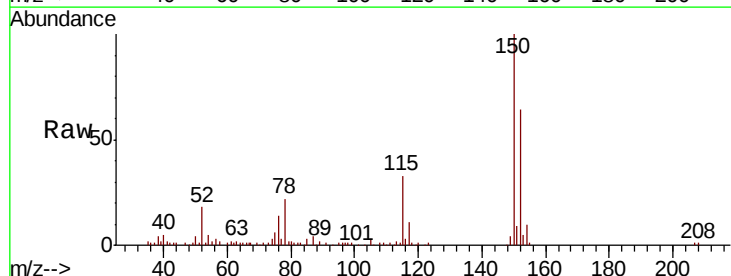
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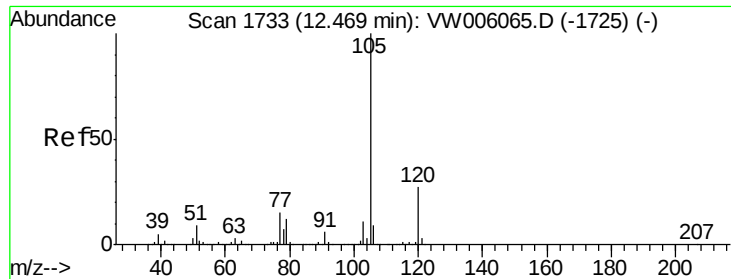
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006230.D
Acq: 19 Oct 2018 17:29

Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
115	58.8	27.8	83.3	
150	155.6	0.0	349.2	





#73

Isopropylbenzene

Concen: 5.890 ug/l

RT: 12.47 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW006230.D

Acq: 19 Oct 2018 17:29

Instrument :

MSVOA_W

ClientSampled :

TP-A

Tot Ion: 105 Resp: 9188

Ion Ratio Lower Upper

105 100

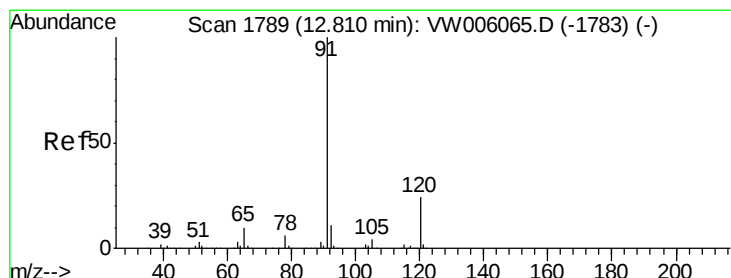
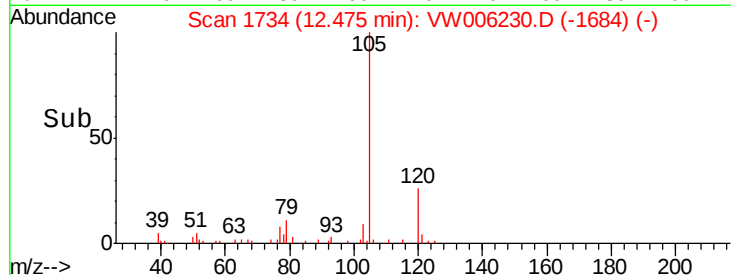
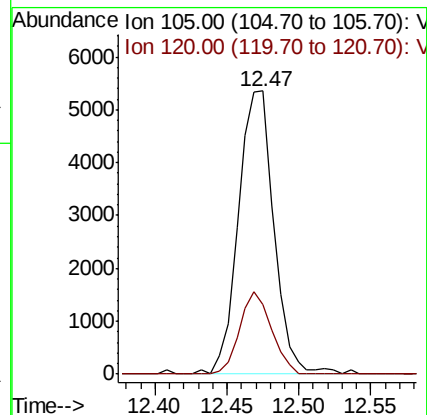
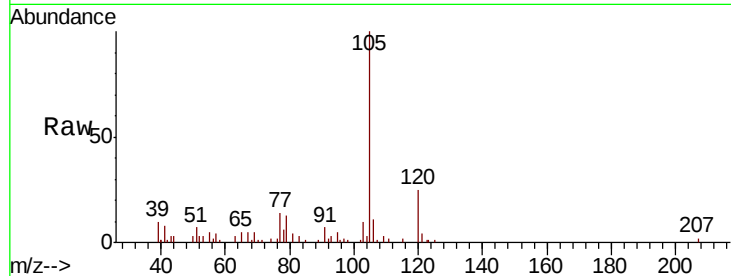
120 26.1 13.6 40.7

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#78

n-propylbenzene

Concen: 12.030 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006230.D

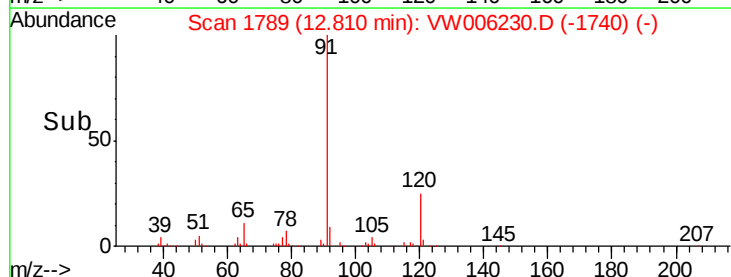
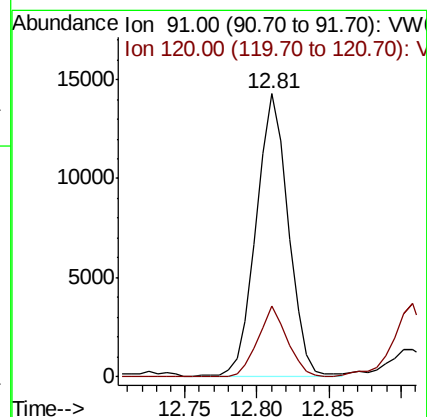
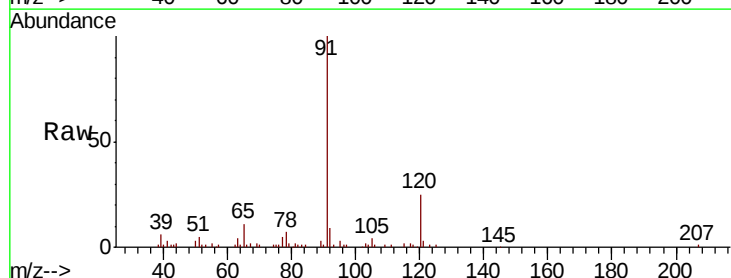
Acq: 19 Oct 2018 17:29

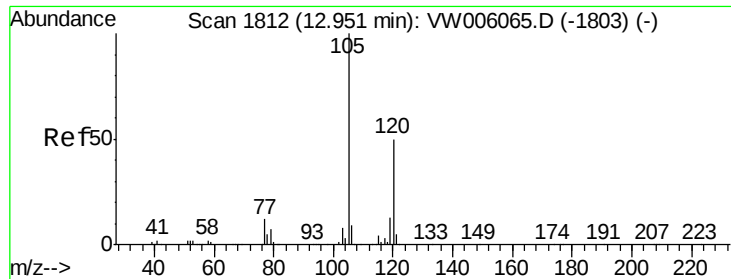
Tgt Ion: 91 Resp: 21831

Ion Ratio Lower Upper

91 100

120 23.0 12.2 36.6





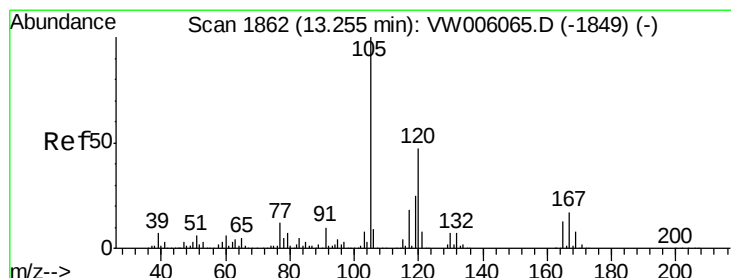
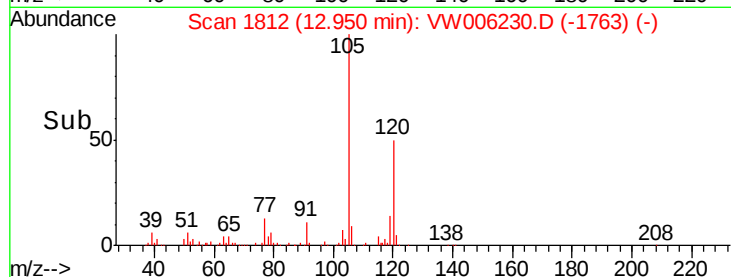
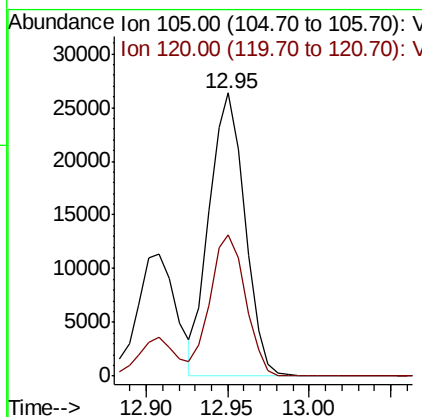
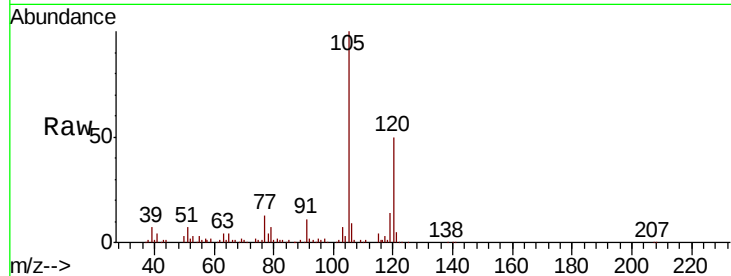
#80
 1,3,5-Trimethylbenzene
 Concen: 30.538 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006230.D
 Acq: 19 Oct 2018 17:29

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-A

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.9	74.6

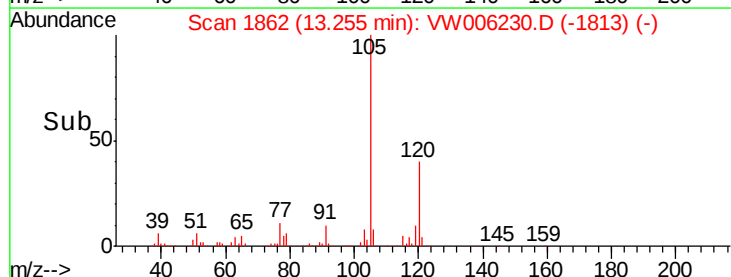
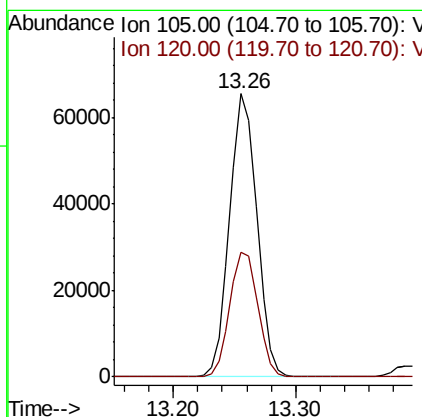
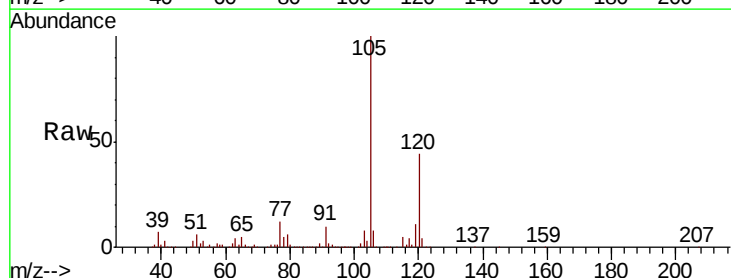
Manual Integrations
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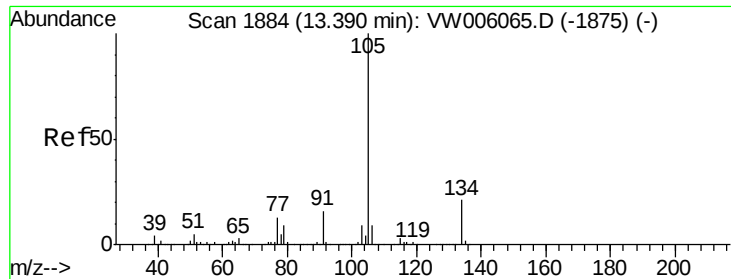
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#84
 1,2,4-Trimethylbenzene
 Concen: 76.033 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006230.D
 Acq: 19 Oct 2018 17:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.1	69.3





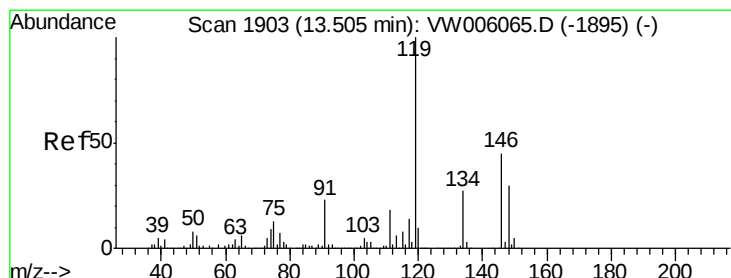
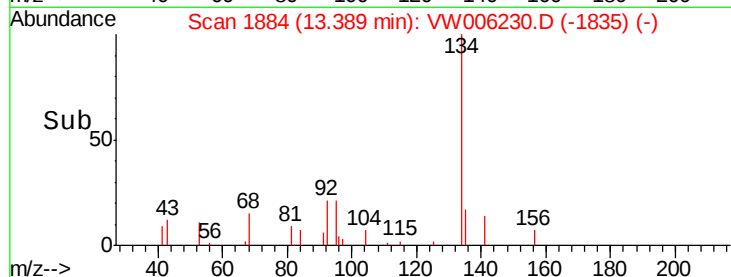
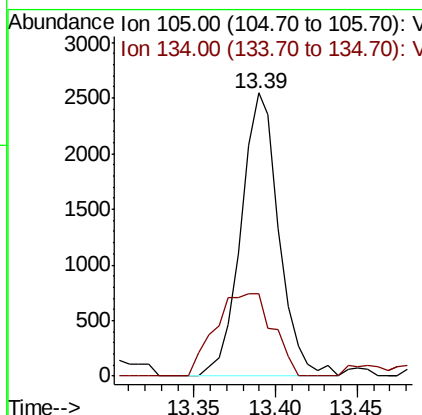
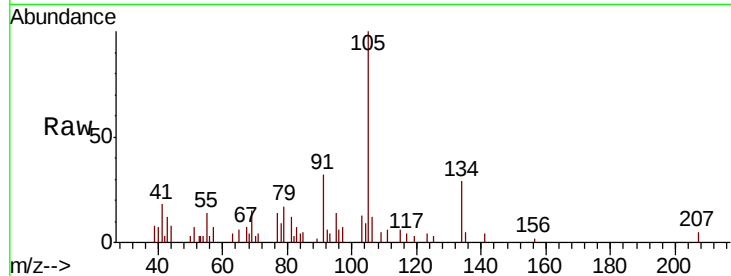
#85
 sec-Butylbenzene
 Concen: 2.482 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006230.D
 Acq: 19 Oct 2018 17:29

Instrument :
 MSVOA_W
 ClientSampled :
 TP-A

Tot Ion	Ratio	Lower	Upper
105	100		
134	44.0	10.5	31.6#

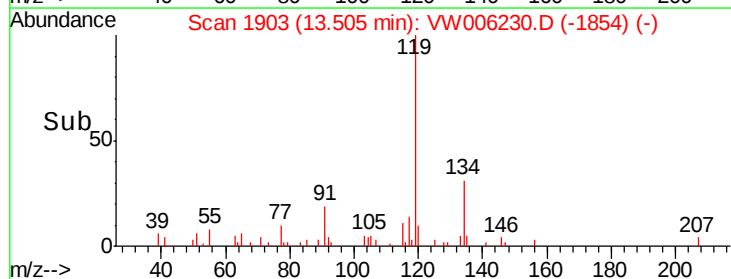
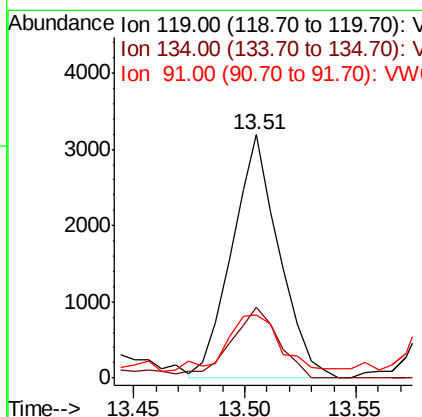
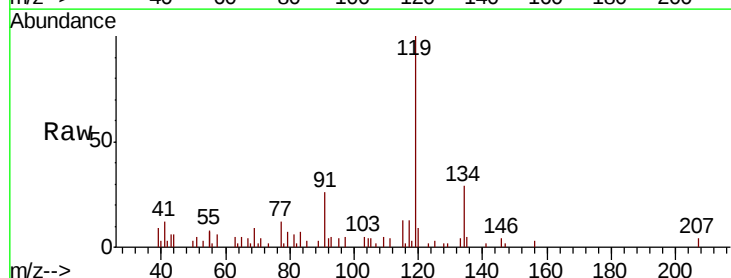
Manual Integrations
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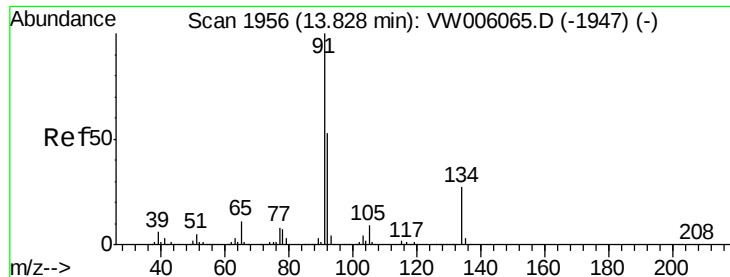
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#86
 p-Isopropyltoluene
 Concen: 3.117 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006230.D
 Acq: 19 Oct 2018 17:29

Tgt Ion	Ratio	Lower	Upper
119	100		
134	29.3	13.4	40.2
91	24.1	11.4	34.1





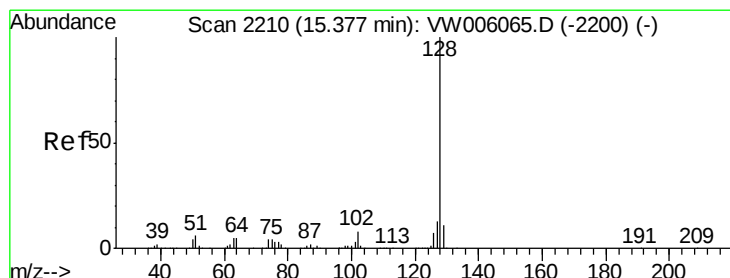
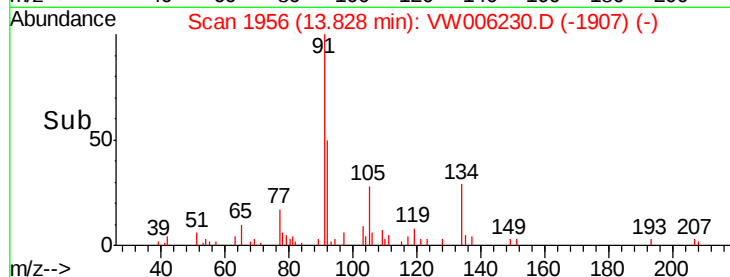
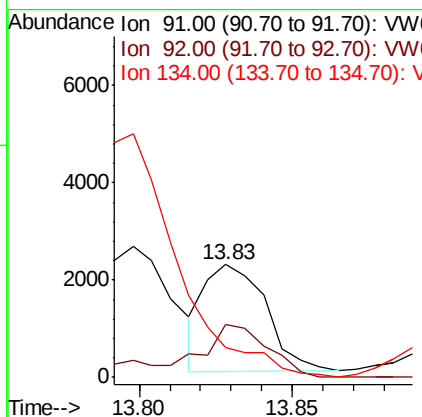
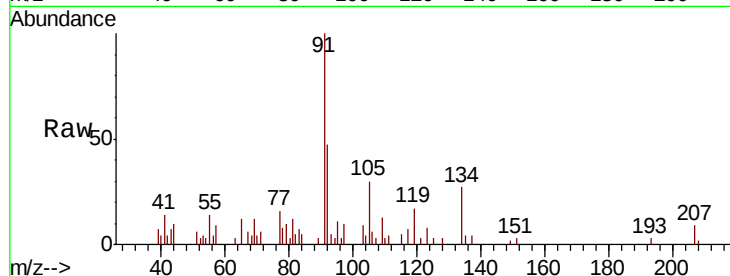
#89
n-Butylbenzene
Concen: 2.248 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006230.D
Acq: 19 Oct 2018 17:29

Instrument :
MSVOA_W
ClientSampled :
TP-A

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.7
134	0.0	14.0	41.9#

Manual Integrations
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#95
Naphthalene
Concen: 2.199 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006230.D
Acq: 19 Oct 2018 17:29

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.5	10.3	15.5
129	14.2	8.7	13.1#

