

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005121.D
 Acq On : 05 Sep 2018 10:38
 Operator : SY/AP
 Sample : J4712-13
 Misc : 6.47G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-09

Manual Integrations
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apatel
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Quant Time: Sep 05 12:24:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	500853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	768904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	422382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	123220	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	146869	35.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	70.74%	
35) Dibromofluoromethane	7.89	113	99674	22.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	44.86%	
50) Toluene-d8	10.33	98	342045	16.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	33.42%	
62) 4-Bromofluorobenzene	12.62	95	112088	15.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	31.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	71040	85.32	ug/l	99
17) Carbon Disulfide	4.39	76	26133	1.85	ug/l	96
20) Methylene Chloride	4.92	84	51238	5.66	ug/l	97
39) Methylcyclohexane	9.34	83	97023	10.96	ug/l	91
51) 4-Methyl-2-Pentanone	10.22	43	19125	5.73	ug/l	98
52) Toluene	10.40	92	220706	14.53	ug/l	98
67) Ethyl Benzene	11.74	91	2336388	145.34	ug/l	100
68) m/p-Xylenes	11.84	106	4235193	658.01	ug/l	99
69) o-Xylene	12.17	106	1593815	267.83	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	95791	12.52	ug/l	97
86) p-Isopropyltoluene	13.51	119	152712m	18.71	ug/l	

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

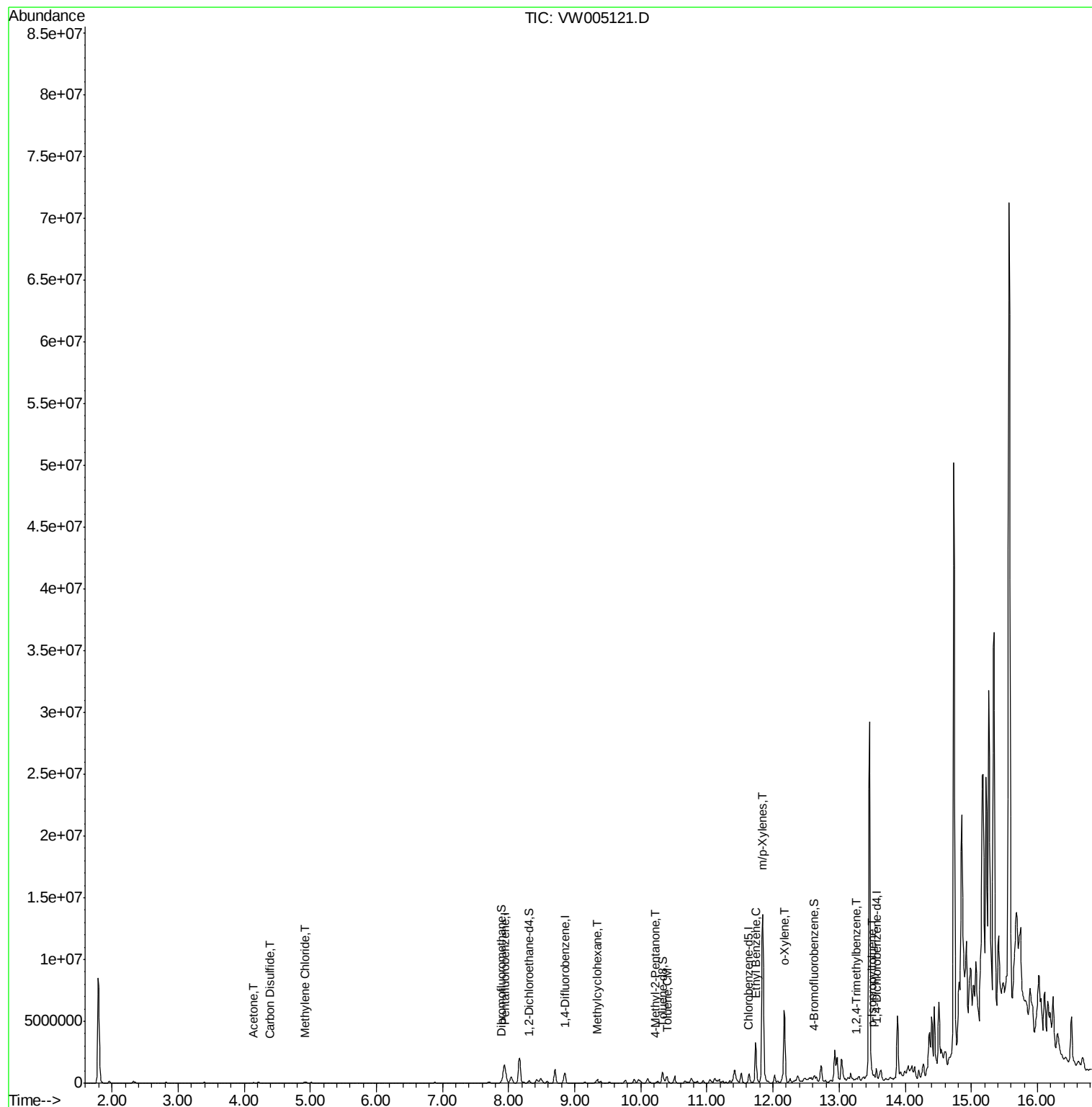
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005121.D
Acq On : 05 Sep 2018 10:38
Operator : SY/AP
Sample : J4712-13
Misc : 6.47G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

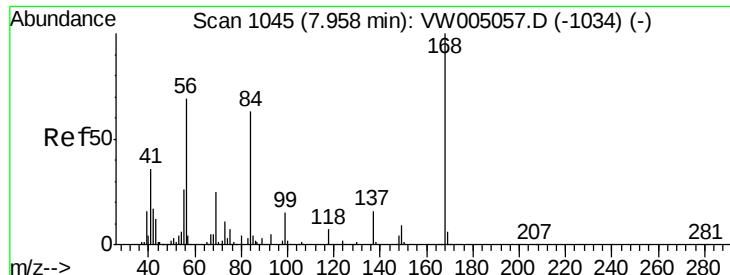
Instrument :
MSVOA_W
ClientSampleId :
DW-09

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Quant Time: Sep 05 12:24:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005121.D

Acq: 05 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampled :

DW-09

Tot Ion:168 Resp: 500853

Ion Ratio Lower Upper

168 100

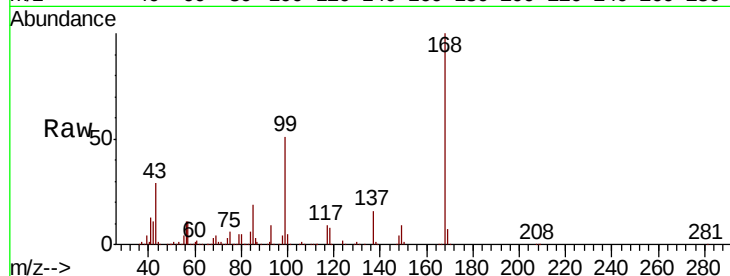
99 51.1 39.4 59.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

250000

200000

150000

100000

50000

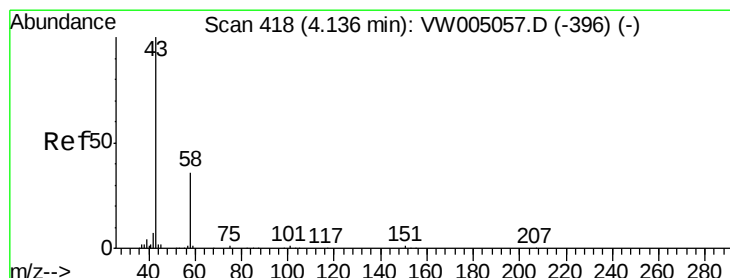
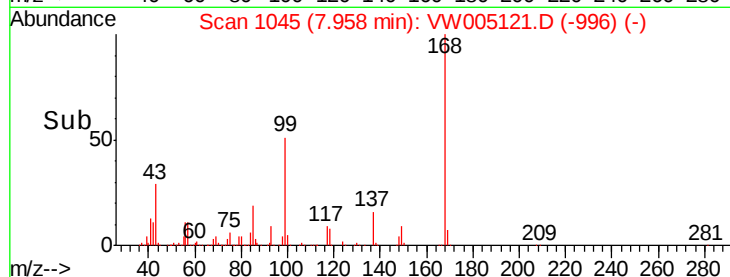
0

7.90

8.00

8.10

Time-->



#16

Acetone

Concen: 85.32 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW005121.D

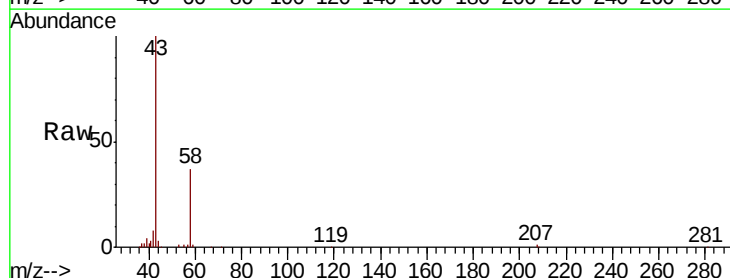
Acq: 05 Sep 2018 10:38

Tgt Ion: 43 Resp: 71040

Ion Ratio Lower Upper

43 100

58 36.9 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

25000

20000

15000

10000

5000

0

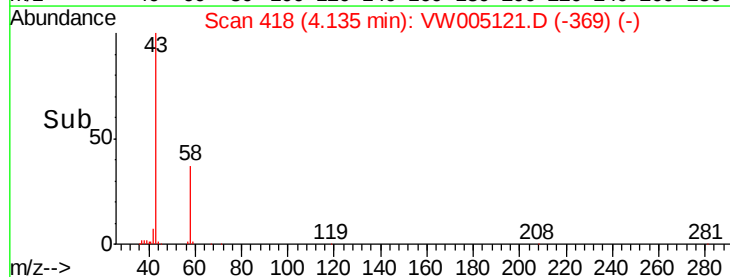
4.00

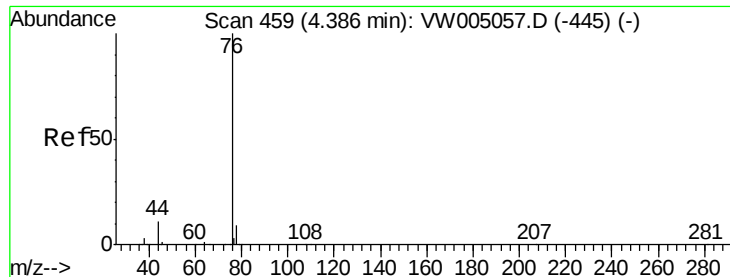
4.10

4.20

4.30

Time-->





#17

Carbon Disulfide

Concen: 1.85 ug/l

RT: 4.39 min Scan# 459

Delta R.T. -0.00 min

Lab File: VW005121.D

Acq: 05 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampled :

DW-09

Tot Ion: 76 Resp: 26133

Ion Ratio Lower Upper

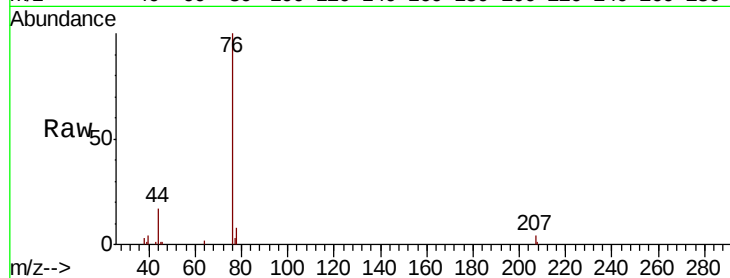
76 100

78 7.7 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

10000

8000

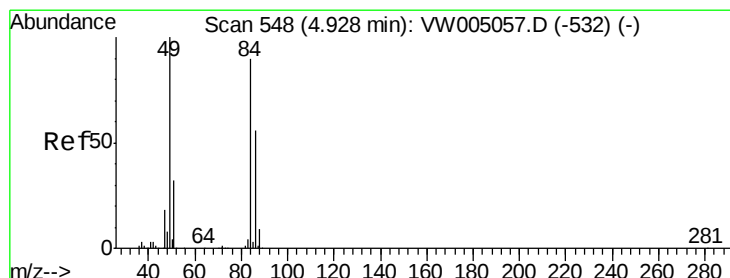
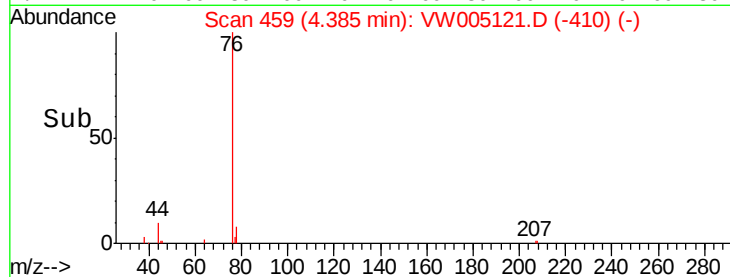
6000

4000

2000

0

Time-->



#20

Methylene Chloride

Concen: 5.66 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005121.D

Acq: 05 Sep 2018 10:38

Tgt Ion: 84 Resp: 51238

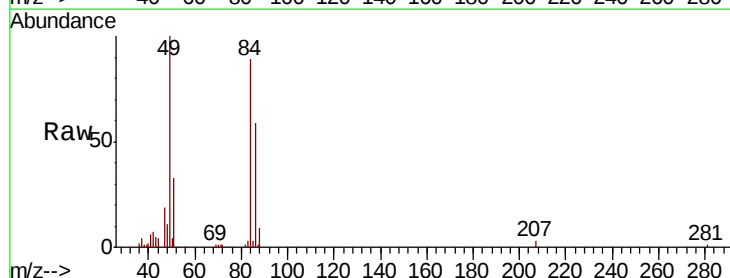
Ion Ratio Lower Upper

84 100

49 112.7 88.7 133.1

51 36.9 28.6 42.8

86 66.5 49.4 74.2



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

25000

20000

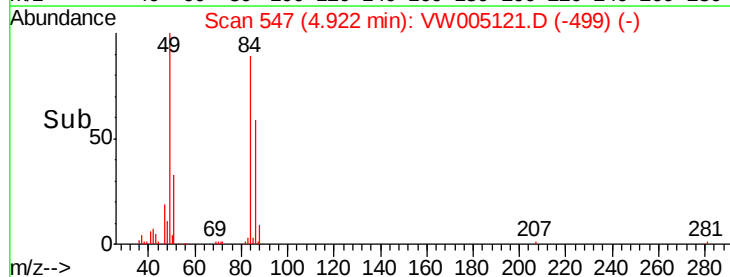
15000

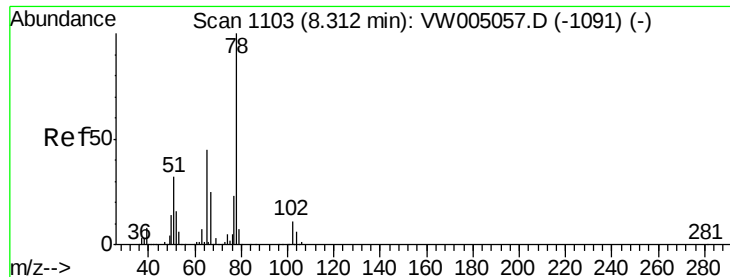
10000

5000

0

Time-->





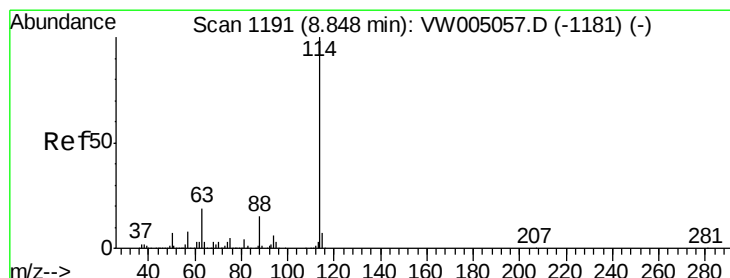
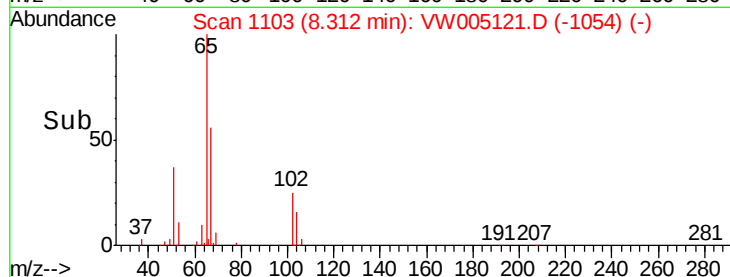
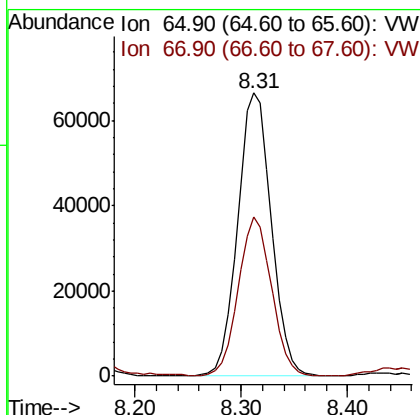
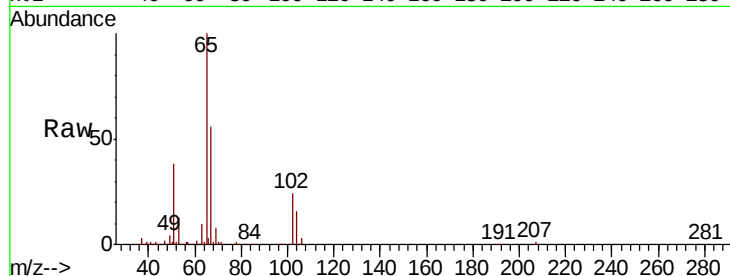
#33
 1,2-Dichloroethane-d4
 Concen: 35.37 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005121.D
 Acq: 05 Sep 2018 10:38

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-09

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.5	0.0	109.4	

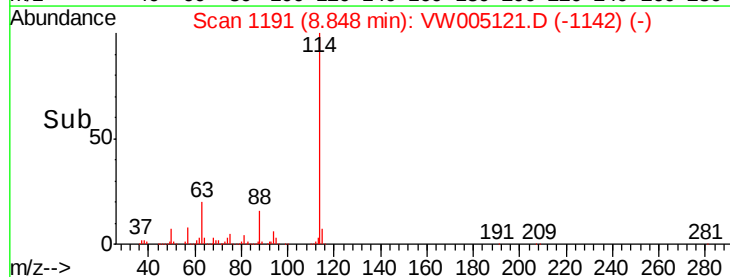
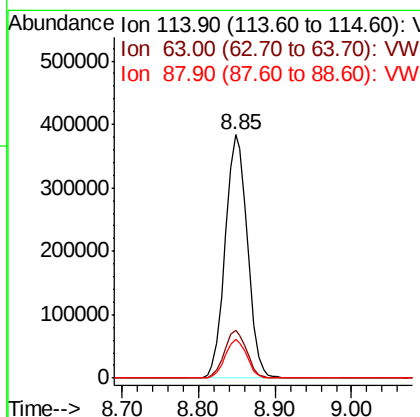
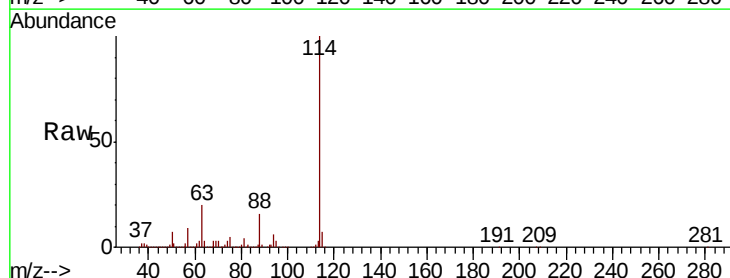
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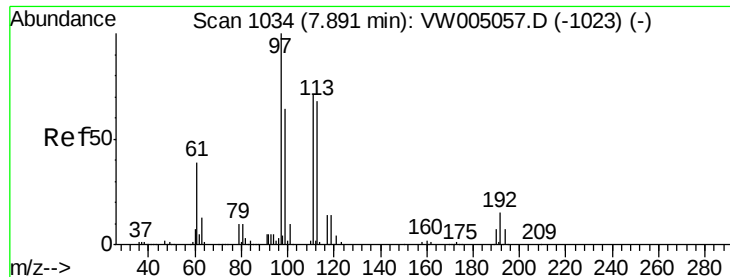
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005121.D
 Acq: 05 Sep 2018 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.8	0.0	38.0	
88	15.7	0.0	30.2	





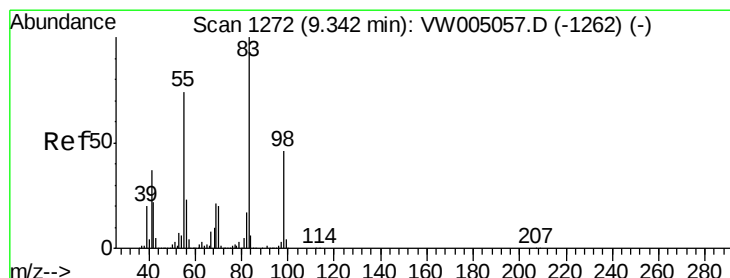
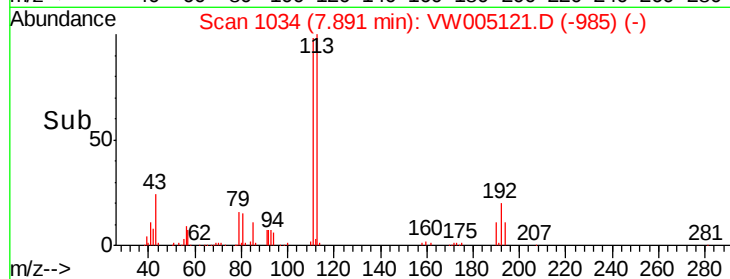
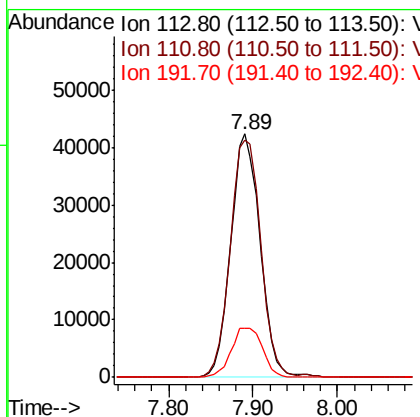
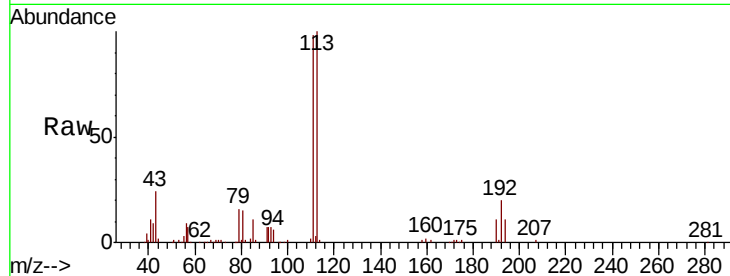
#35
 Dibromofluoromethane
 Concen: 22.43 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005121.D
 Acq: 05 Sep 2018 10:38

Instrument :
 MSVOA_W
 ClientSampled :
 DW-09

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.2
192	21.7	18.1	27.1

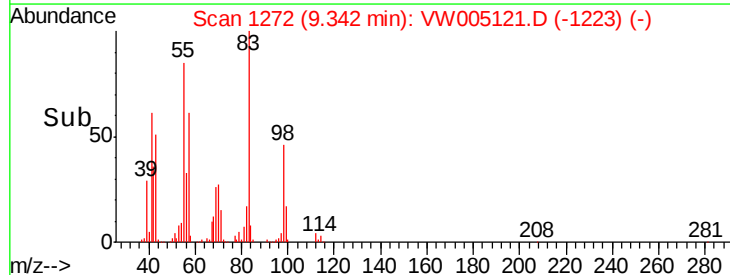
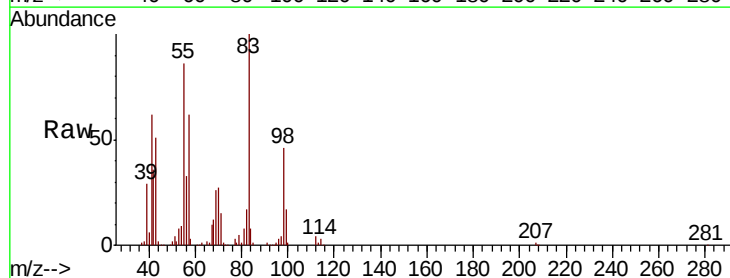
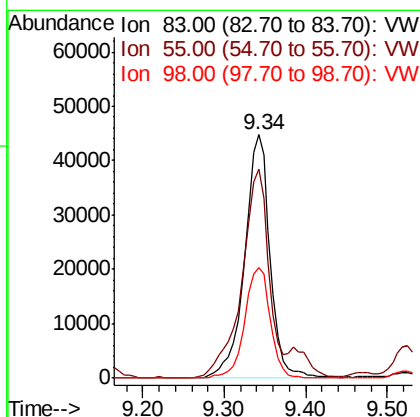
Manual Integrations
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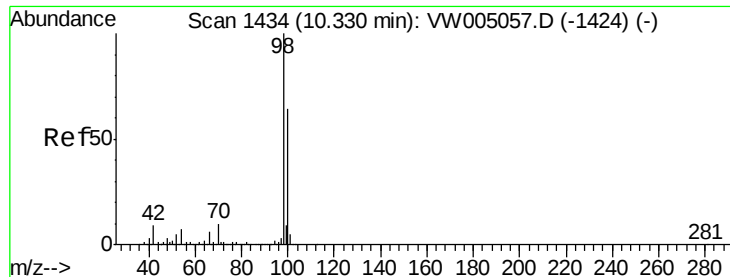
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#39
 Methylcyclohexane
 Concen: 10.96 ug/l
 RT: 9.34 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: VW005121.D
 Acq: 05 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
83	100		
55	85.6	58.9	88.3
98	45.6	36.8	55.2





#50

Toluene-d8

Concen: 16.71 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005121.D

Acq: 05 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

DW-09

Tot Ion: 98 Resp: 342045

Ion Ratio Lower Upper

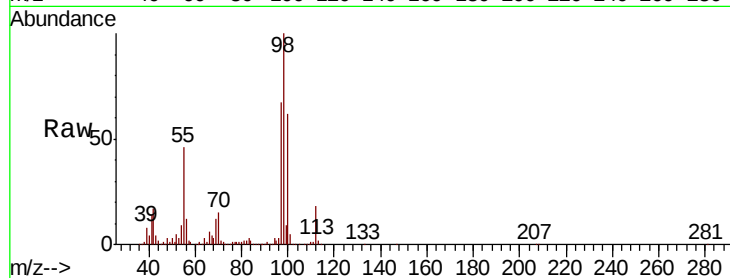
98 100

100 60.8 51.7 77.5

Manual Integrations
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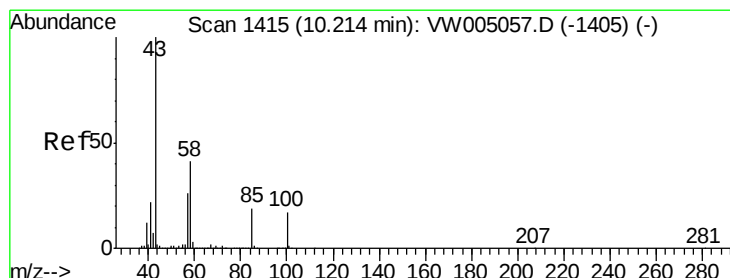
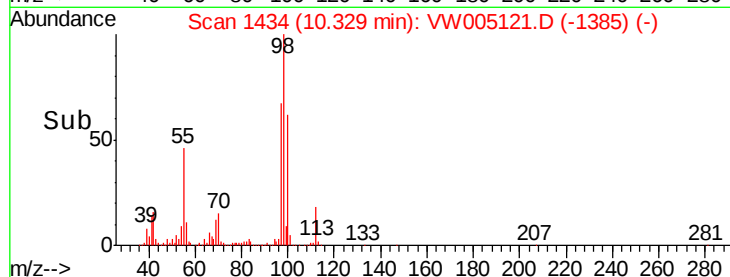
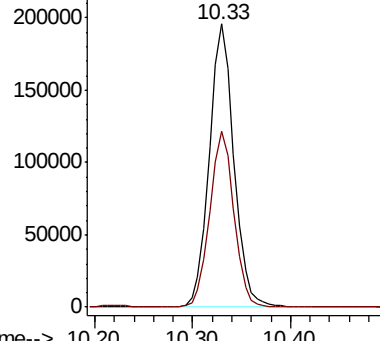
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Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 5.73 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.01 min

Lab File: VW005121.D

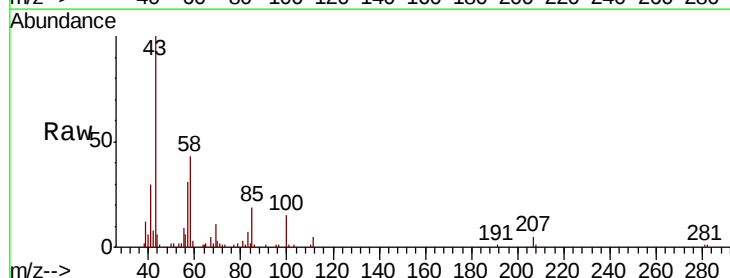
Acq: 05 Sep 2018 10:38

Tgt Ion: 43 Resp: 19125

Ion Ratio Lower Upper

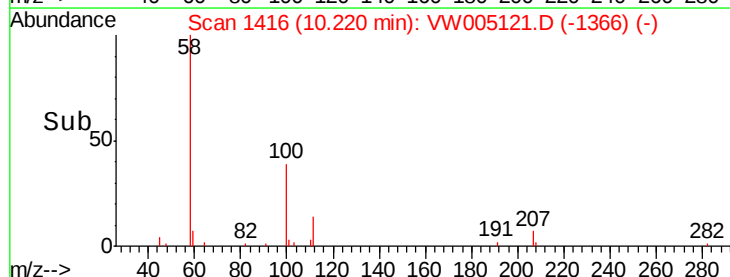
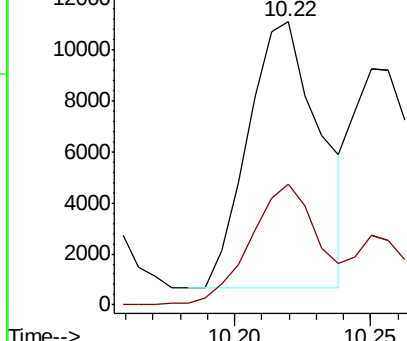
43 100

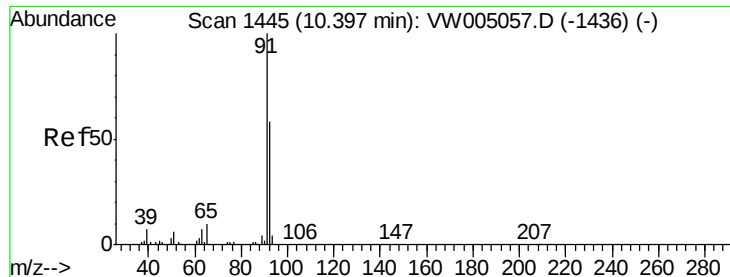
58 43.0 33.3 49.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 14.53 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW005121.D

Acq: 05 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampled :

DW-09

Tot Ion: 92 Resp: 220706

Ion Ratio Lower Upper

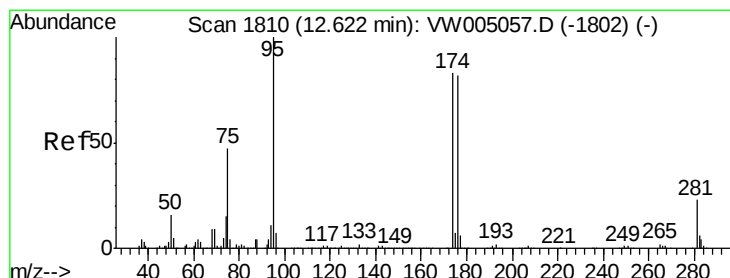
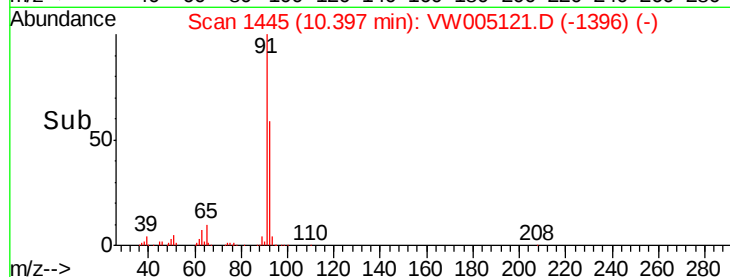
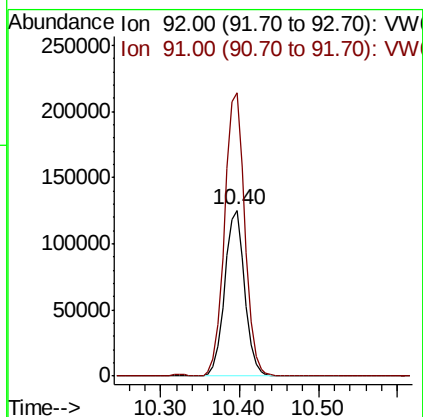
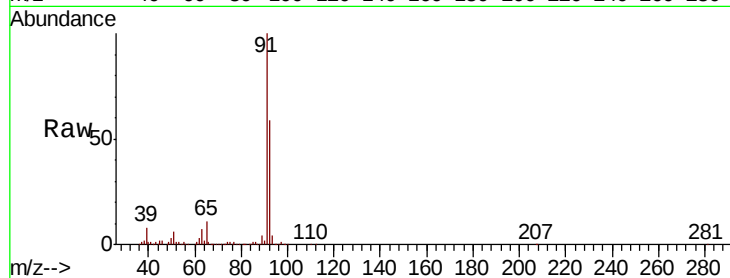
92 100

91 171.8 139.2 208.8

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 15.53 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005121.D

Acq: 05 Sep 2018 10:38

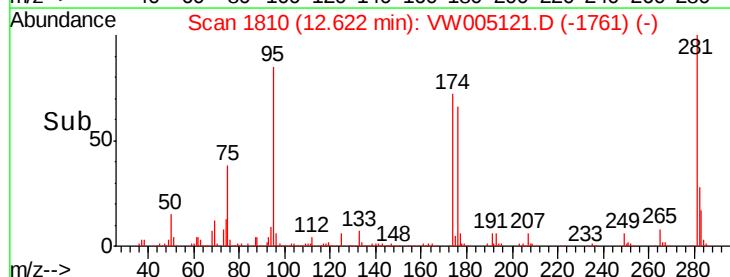
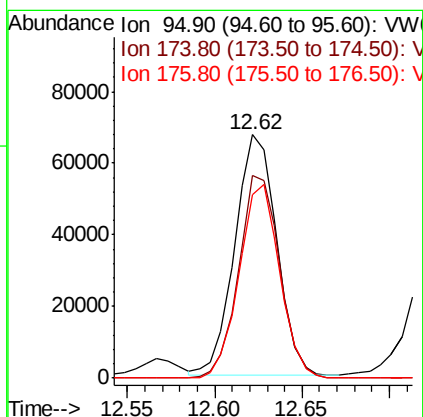
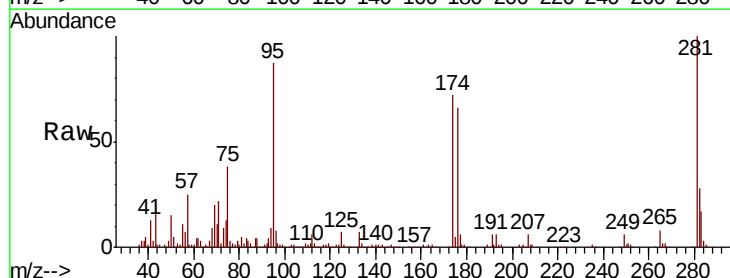
Tgt Ion: 95 Resp: 112088

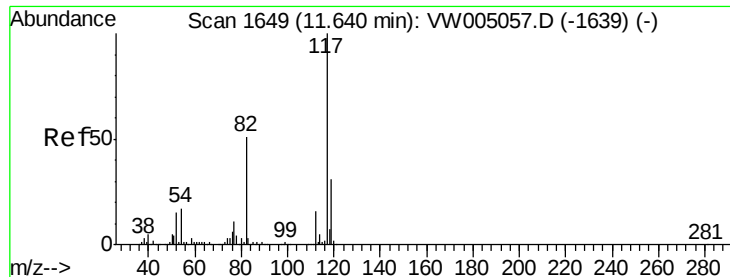
Ion Ratio Lower Upper

95 100

174 82.7 0.0 173.4

176 77.9 0.0 167.4





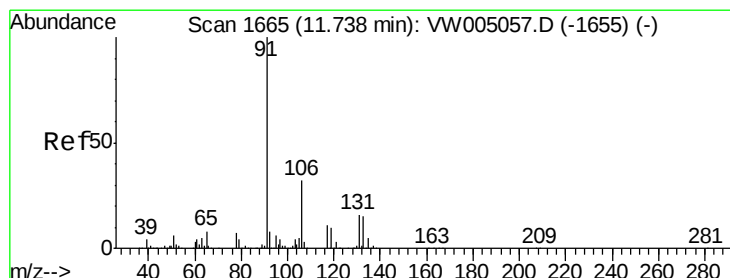
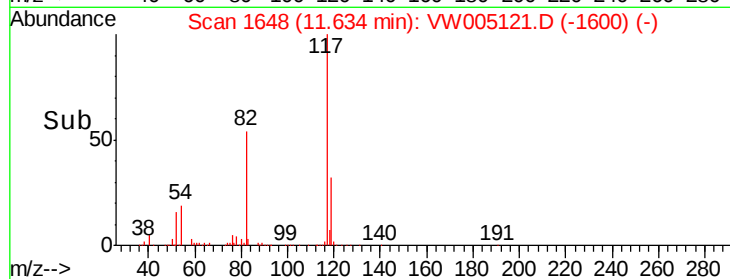
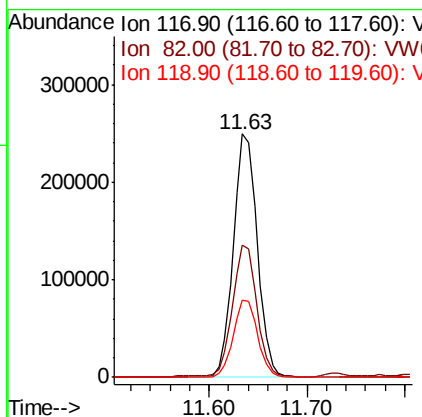
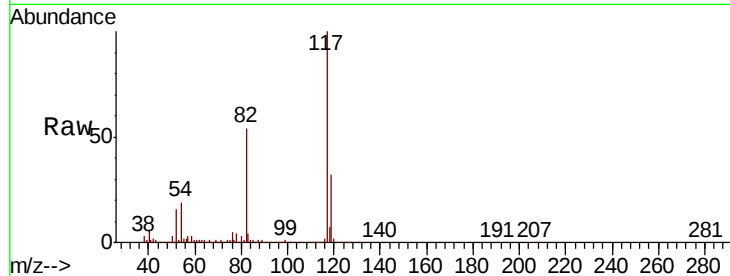
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005121.D
Acq: 05 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
DW-09

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	40.9	61.3
119	31.9	24.9	37.3

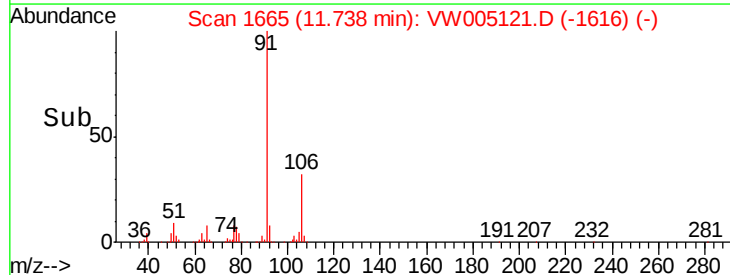
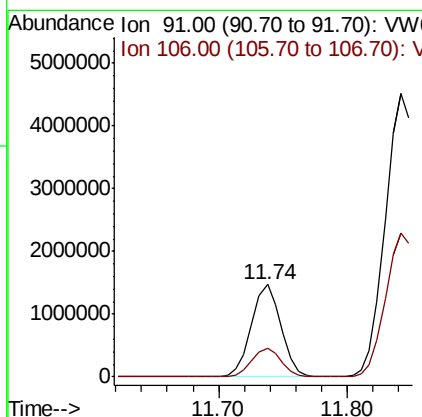
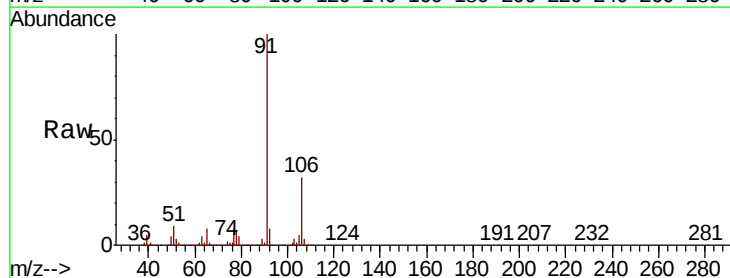
Manual Integrations
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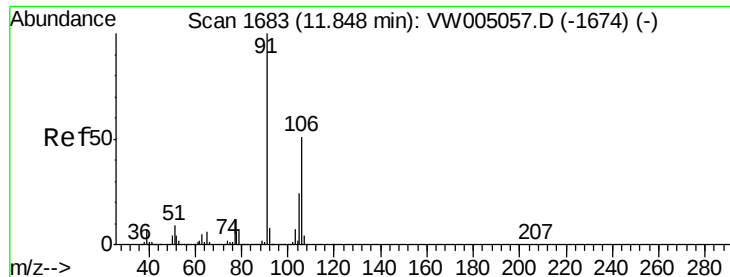
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#67
Ethyl Benzene
Concen: 145.34 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005121.D
Acq: 05 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.7	25.3	37.9





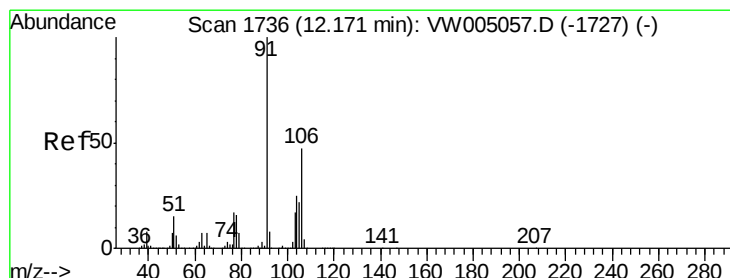
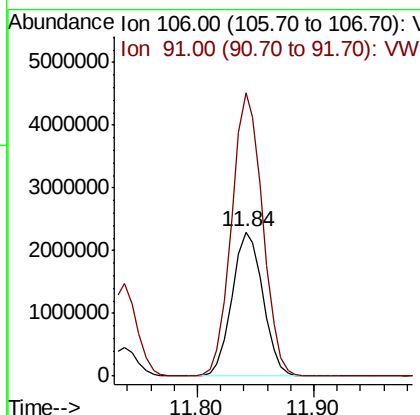
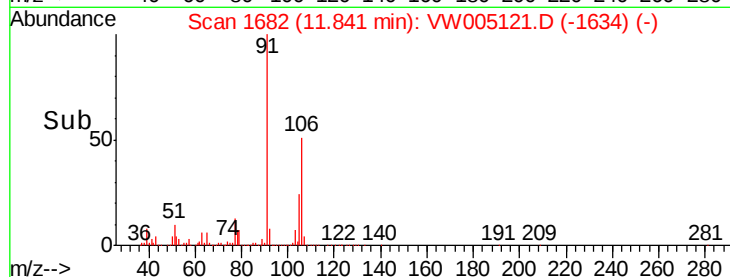
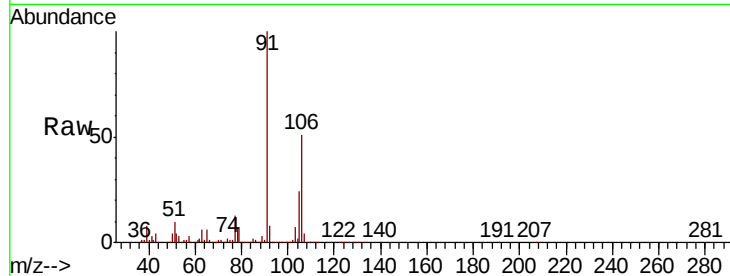
#68
m/p-Xvlenes
Concen: 658.01 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW005121.D
Acq: 05 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampled :
DW-09

Tot Ion:106 Resp: 4235193
Ion Ratio Lower Upper
106 100
91 197.2 158.4 237.6

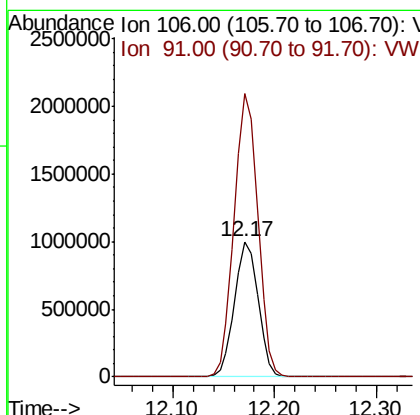
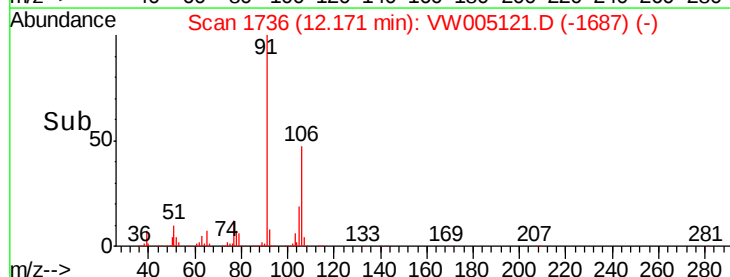
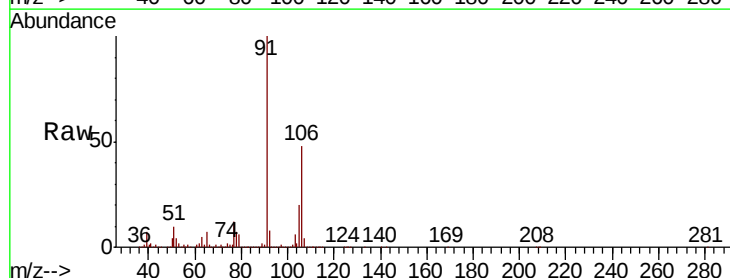
Manual Integrations
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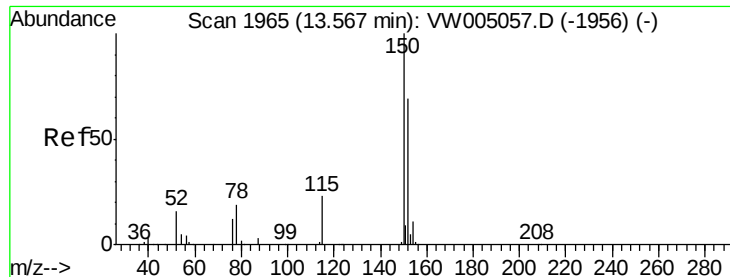
apatel
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#69
o-Xylene
Concen: 267.83 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005121.D
Acq: 05 Sep 2018 10:38

Tgt Ion:106 Resp: 1593815
Ion Ratio Lower Upper
106 100
91 210.7 105.6 316.8





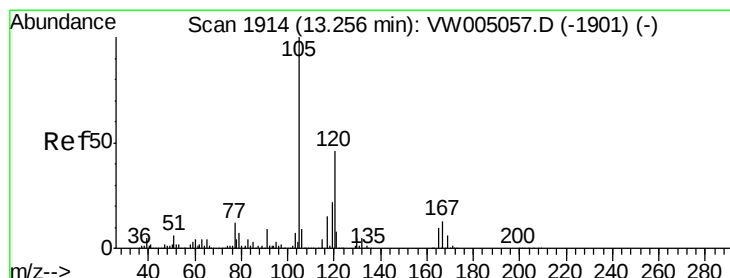
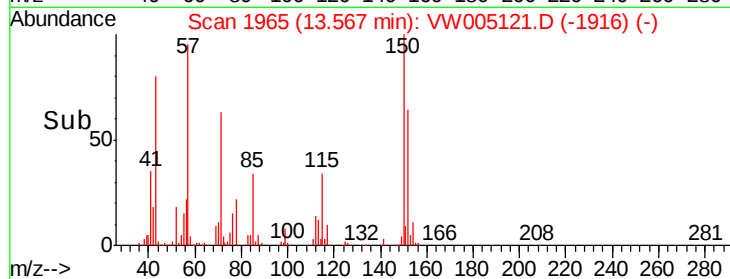
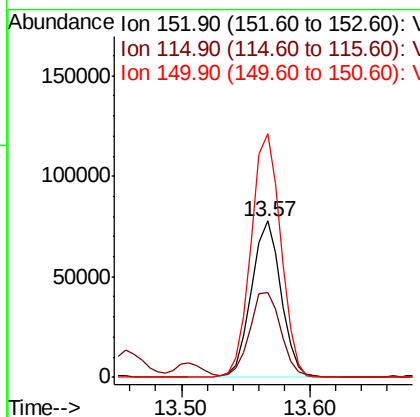
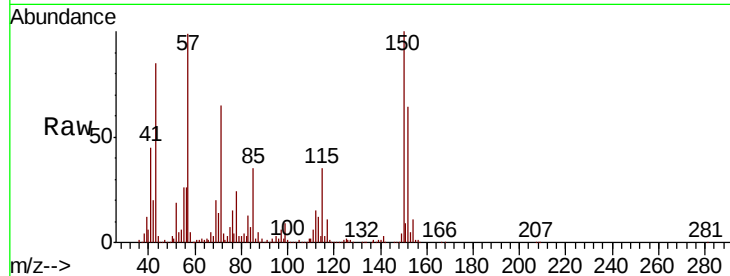
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VW005121.D
 Acq: 05 Sep 2018 10:38

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-09

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.4	27.8	83.4
150	156.2	0.0	351.4

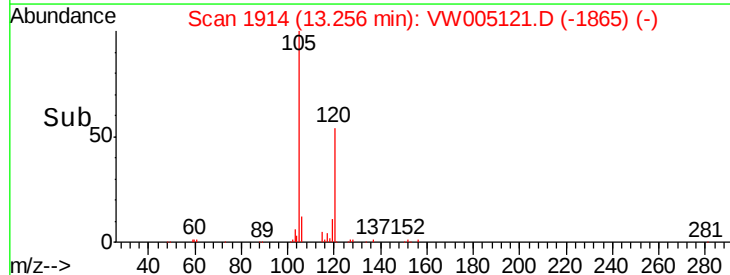
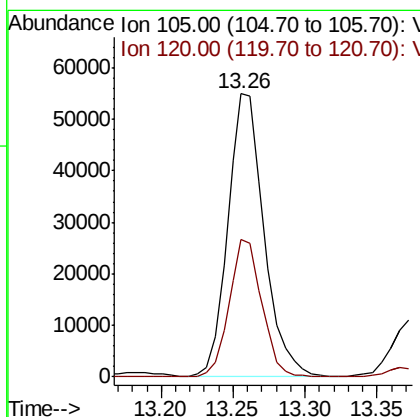
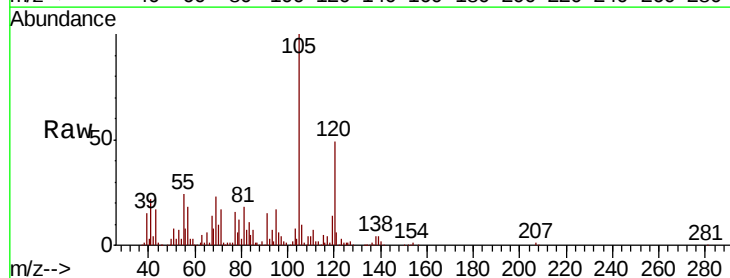
Manual Integrations
 APPROVED

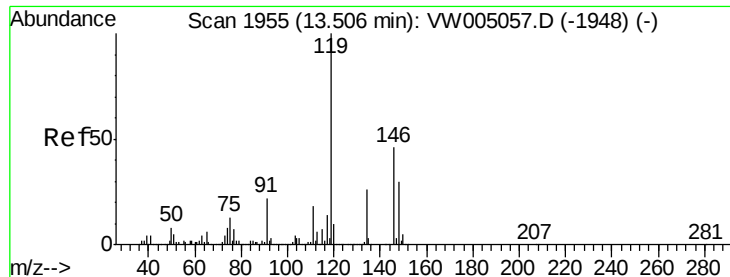
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#84
 1,2,4-Trimethylbenzene
 Concen: 12.52 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW005121.D
 Acq: 05 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	23.1	69.3





#86
 p-Isopropyltoluene
 Concen: 18.71 ug/l m
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005121.D
 Acq: 05 Sep 2018 10:38

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-09

Tot Ion	Ratio	Resp Lower	Upper
119	100		
134	0.0	13.3	39.8#
91	0.0	10.9	32.9#

Manual Integrations
 APPROVED

apatel
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