

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005109.D
 Acq On : 05 Sep 2018 05:33
 Operator : SY/AP
 Sample : J4693-01
 Misc : 5.66G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-E(8-10)

Manual Integrations
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 9/5/2018 1:00:12 PM

Quant Time: Sep 05 11:32:16 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	311092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	568333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	576590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	416631	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	140735	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
35) Dibromofluoromethane	7.89	113	129209	39.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.68%	
50) Toluene-d8	10.33	98	638803	42.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.42%	
62) 4-Bromofluorobenzene	12.62	95	842060	157.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.60%	

Target Compounds

						Qvalue
16) Acetone	4.12	43	46582	90.07	ug/l	94
17) Carbon Disulfide	4.39	76	95631	10.91	ug/l	99
20) Methylene Chloride	4.92	84	29069	4.80	ug/l	94
67) Ethyl Benzene	11.74	91	753015	34.32	ug/l	99
69) o-Xylene	12.17	106	555725	68.41	ug/l	88
73) Isopropylbenzene	12.48	105	11742020	399.70	ug/l	97
78) n-propylbenzene	12.80	91	21157907m	596.61	ug/l	
80) 1,3,5-Trimethylbenzene	12.94	105	23628708m	930.09	ug/l	
83) tert-Butylbenzene	13.22	119	3254340	153.39	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	29904569m	1155.83	ug/l	
85) sec-Butylbenzene	13.39	105	16411118	526.36	ug/l #	59
86) p-Isopropyltoluene	13.51	119	15081645	546.45	ug/l	91
89) n-Butylbenzene	13.83	91	15189756m	593.86	ug/l	

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

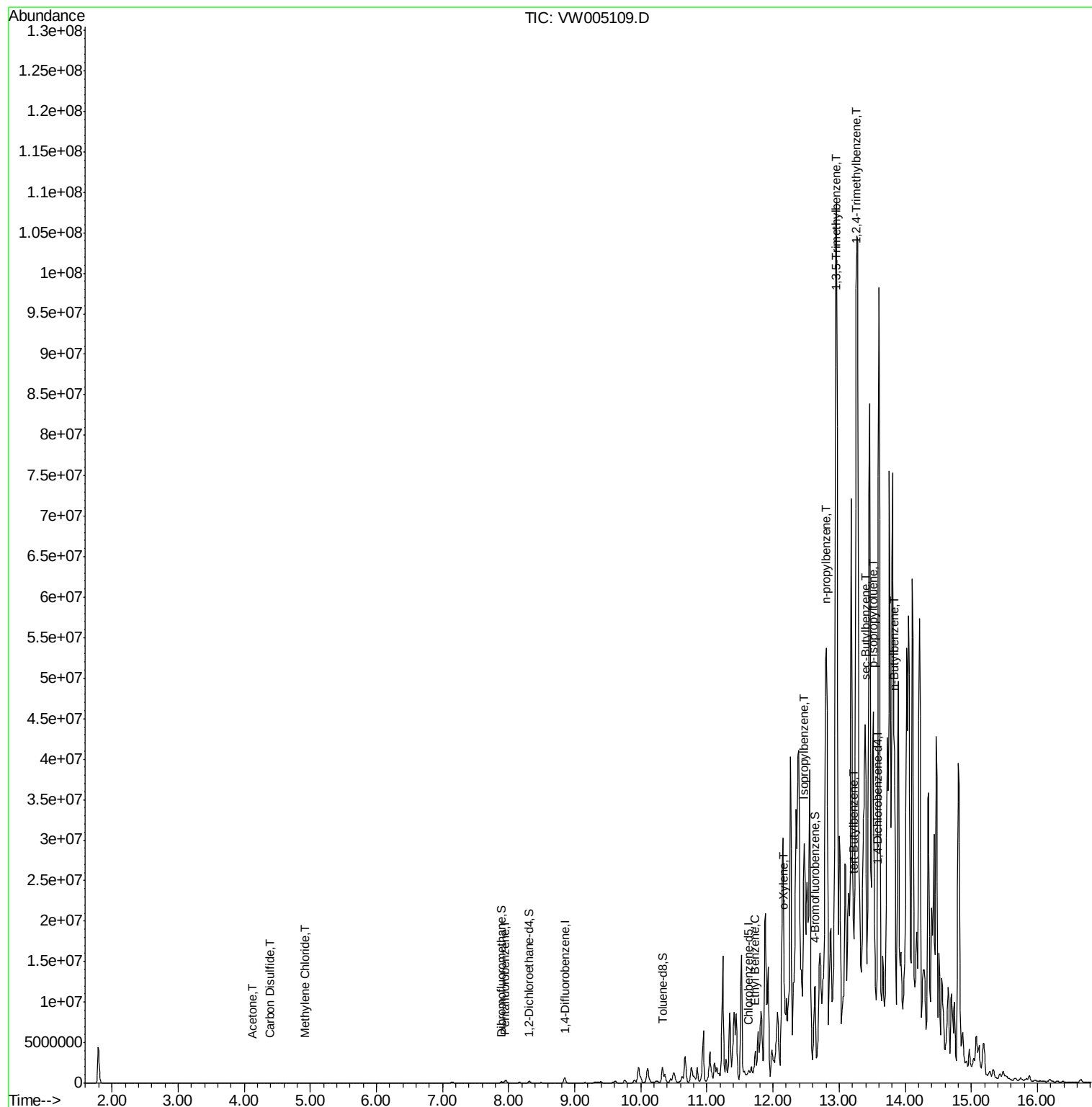
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005109.D
Acq On : 05 Sep 2018 05:33
Operator : SY/AP
Sample : J4693-01
Misc : 5.66G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

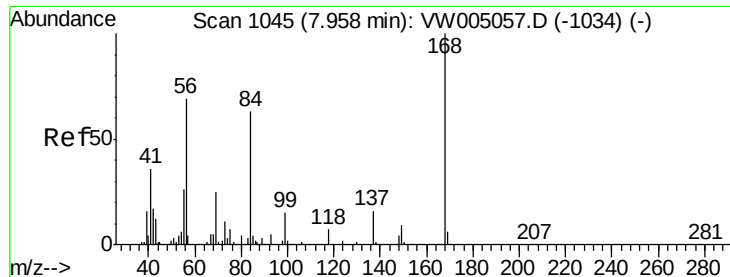
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-E(8-10)

Manual Integrations
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Quant Time: Sep 05 11:32:16 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: VW005109.D

Acq: 05 Sep 2018 05:33

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-E(8-10)

Tot Ion:168 Resp: 311092

Ion Ratio Lower Upper

168 100

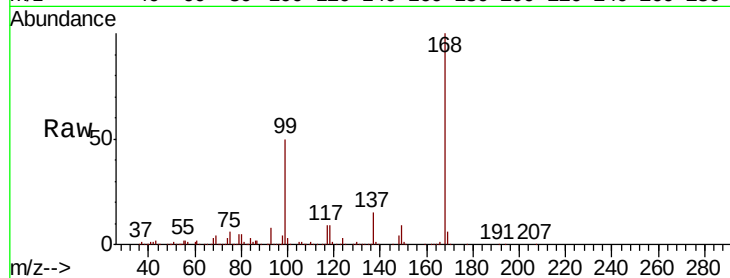
99 50.2 39.4 59.0

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

7.96

150000

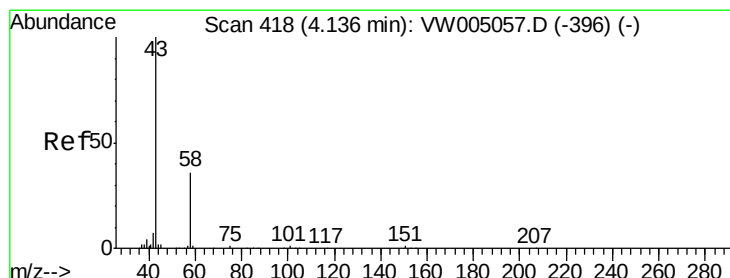
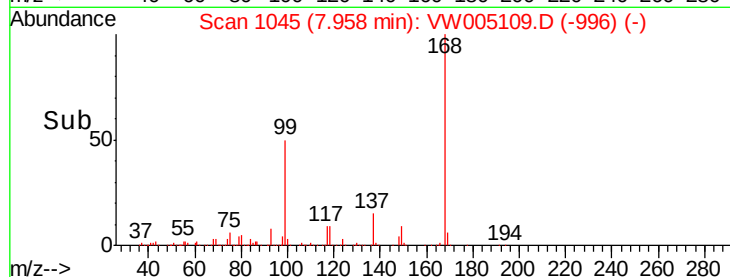
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 90.07 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW005109.D

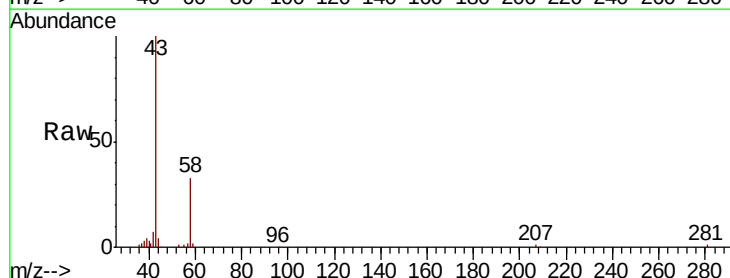
Acq: 05 Sep 2018 05:33

Tgt Ion: 43 Resp: 46582

Ion Ratio Lower Upper

43 100

58 32.8 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

20000

15000

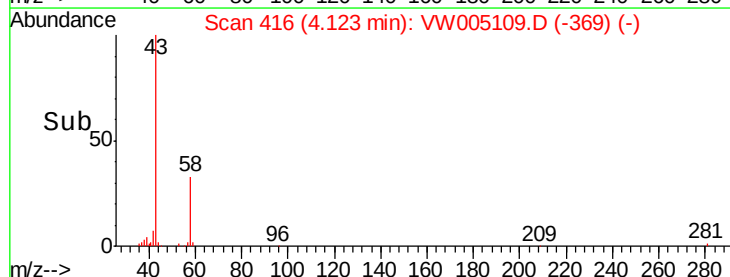
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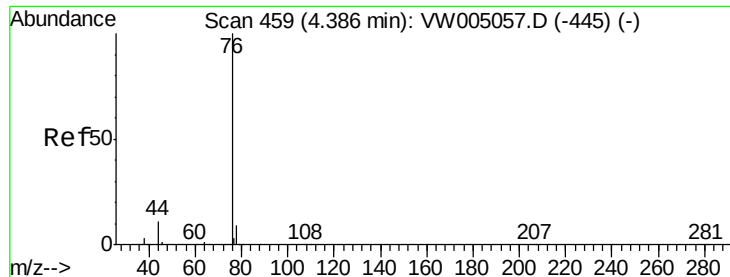
5000

0

4.10 4.20

Time-->





#17

Carbon Disulfide

Concen: 10.91 ug/l

RT: 4.39 min Scan# 459

Delta R.T. -0.00 min

Lab File: VW005109.D

Acq: 05 Sep 2018 05:33

Instrument :

MSVOA_W

ClientSampled :

EP1-MW-E(8-10)

Tot Ion: 76 Resp: 95631

Ion Ratio Lower Upper

76 100

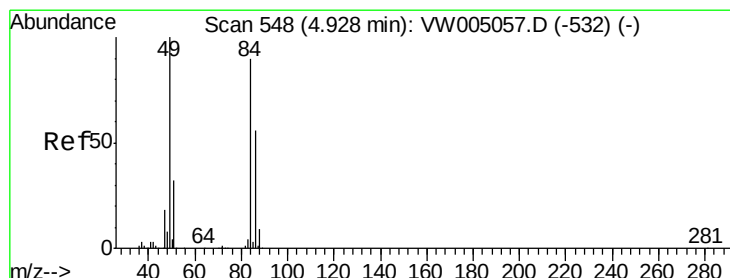
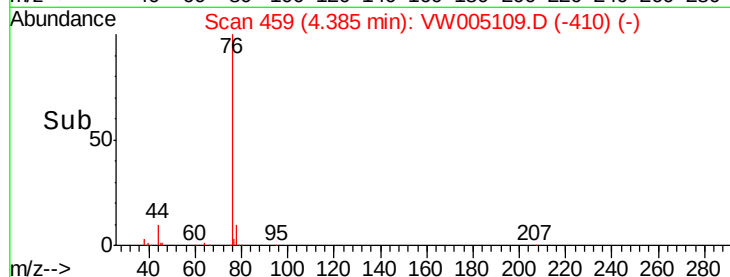
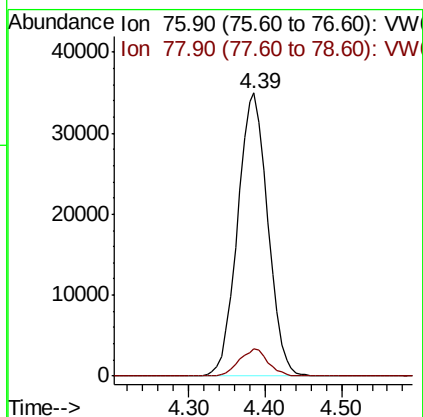
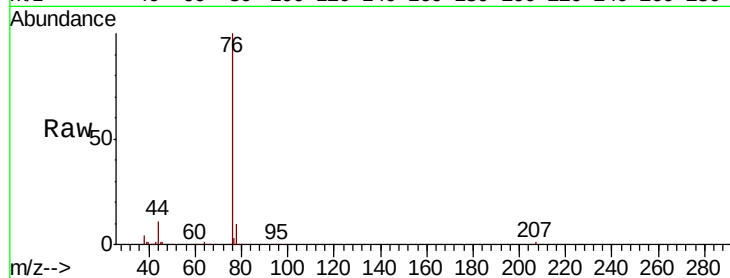
78 9.5 7.3 10.9

Manual Integrations

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#20

Methylene Chloride

Concen: 4.80 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005109.D

Acq: 05 Sep 2018 05:33

Tgt Ion: 84 Resp: 29069

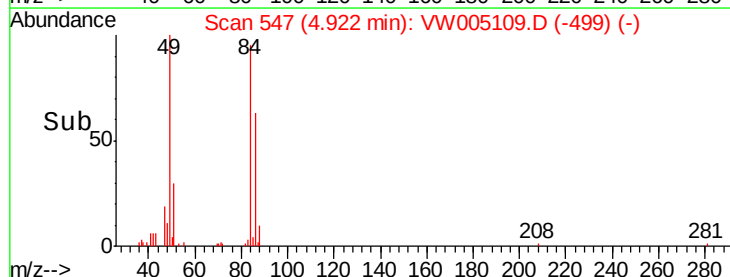
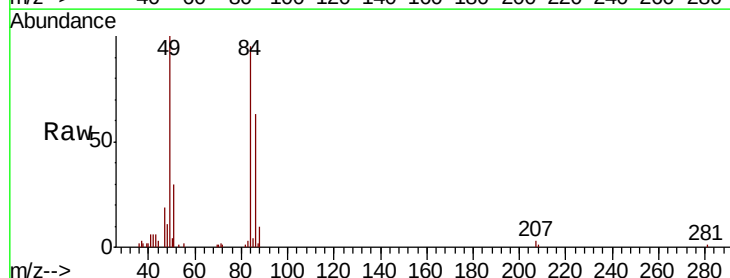
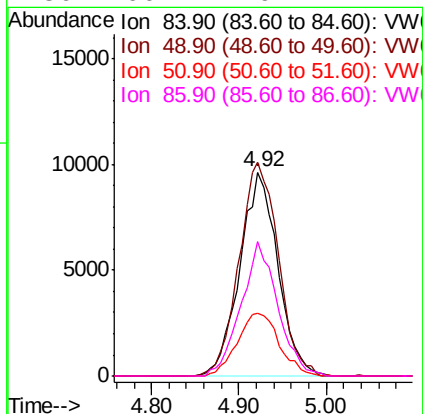
Ion Ratio Lower Upper

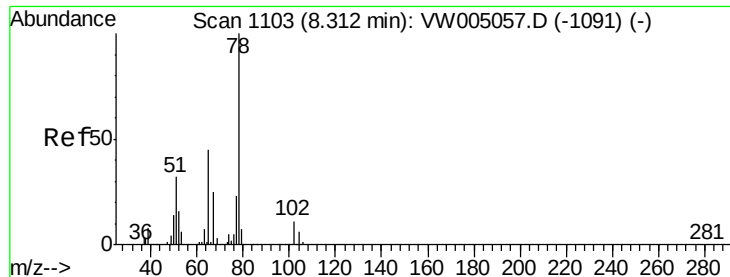
84 100

49 104.9 88.7 133.1

51 31.1 28.6 42.8

86 66.2 49.4 74.2





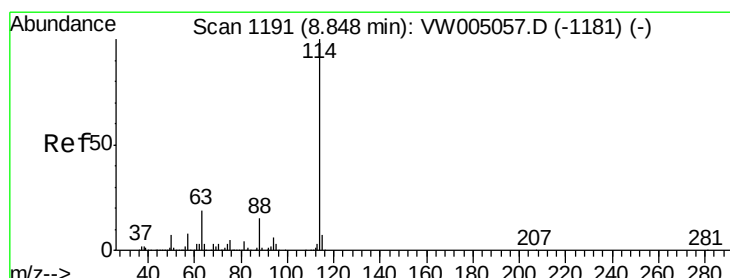
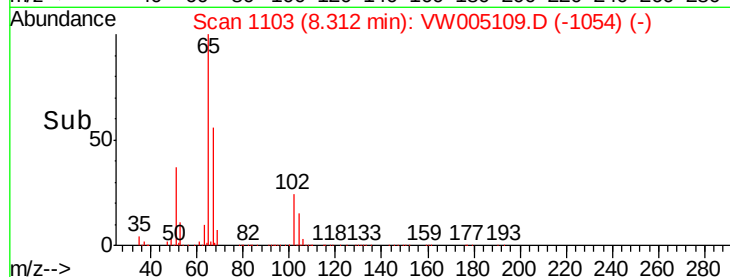
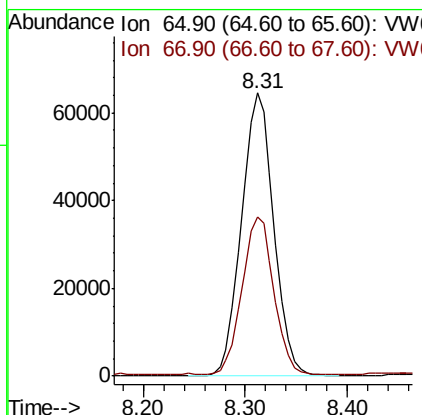
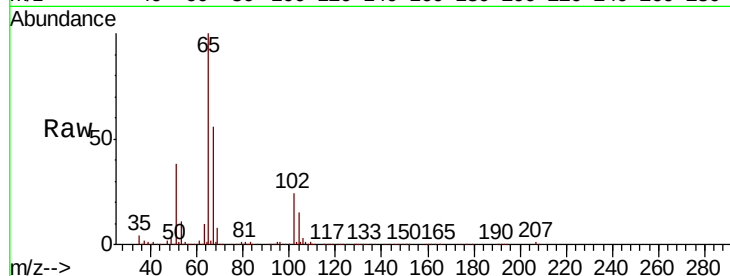
#33
 1,2-Dichloroethane-d4
 Concen: 54.57 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005109.D
 Acq: 05 Sep 2018 05:33

Instrument :
 MSVOA_W
 ClientSampled :
 EP1-MW-E(8-10)

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.2	0.0	109.4	

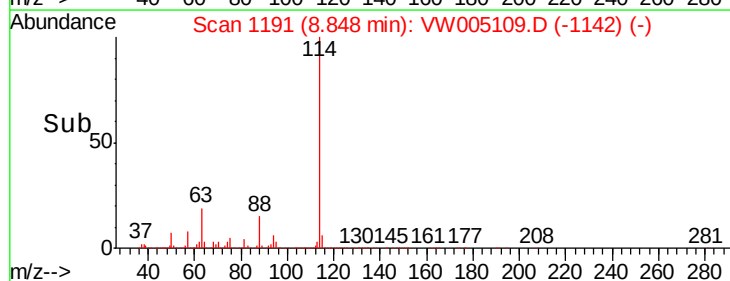
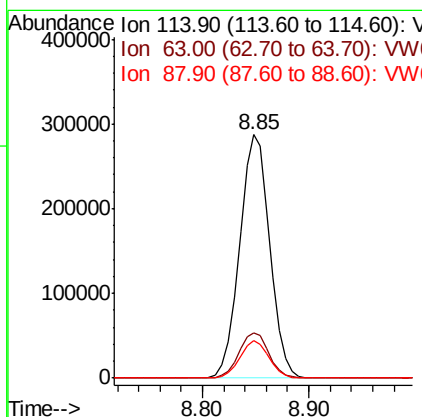
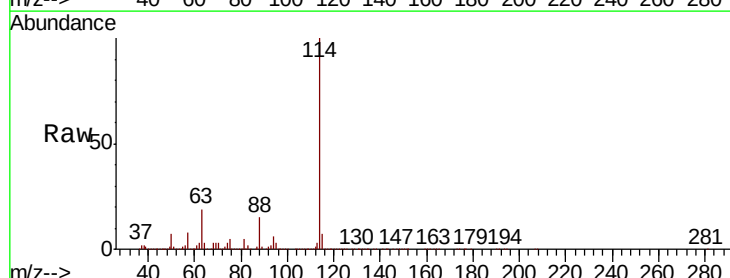
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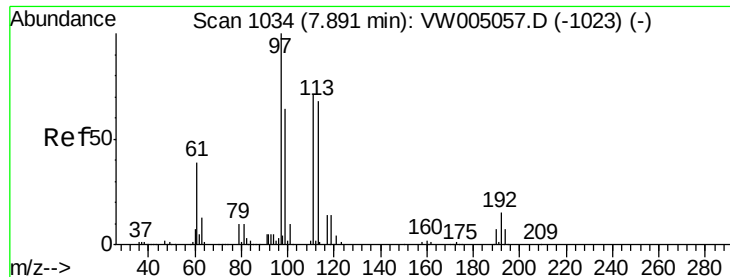
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005109.D
 Acq: 05 Sep 2018 05:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.8	0.0	38.0	
88	15.4	0.0	30.2	





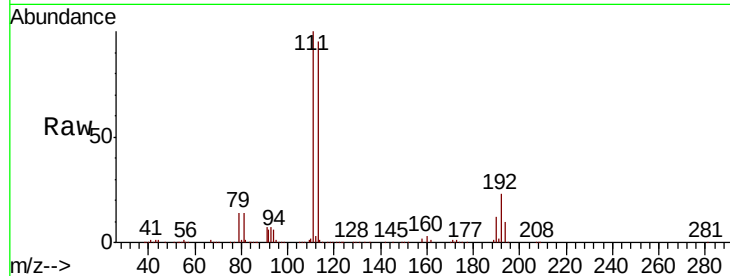
#35
 Dibromofluoromethane
 Concen: 39.34 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005109.D
 Acq: 05 Sep 2018 05:33

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-E(8-10)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.2
192	23.1	18.1	27.1

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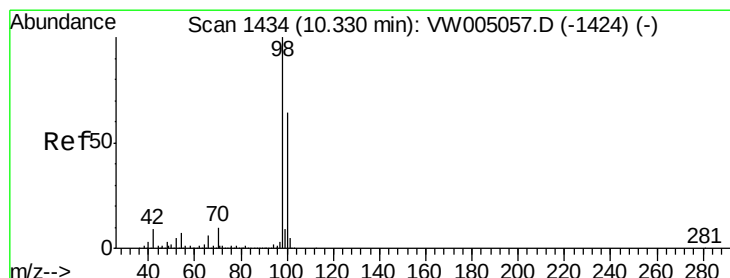
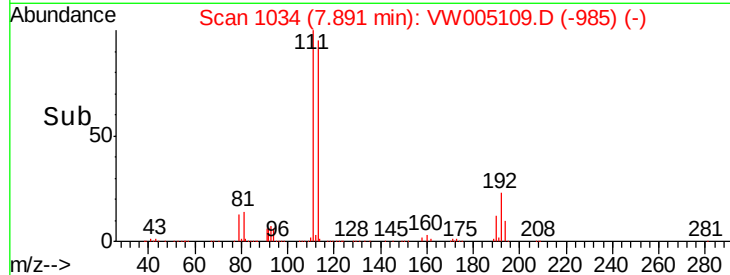
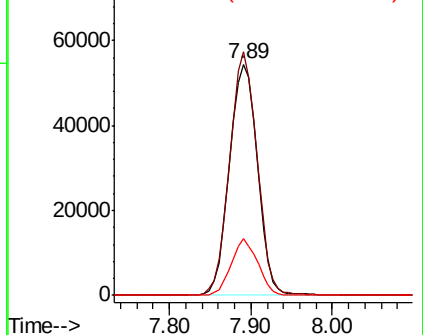


Abundance

Ion 112.80 (112.50 to 113.50): V

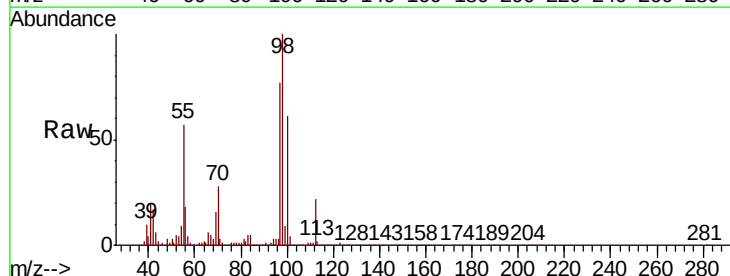
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
 Toluene-d8
 Concen: 42.21 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW005109.D
 Acq: 05 Sep 2018 05:33

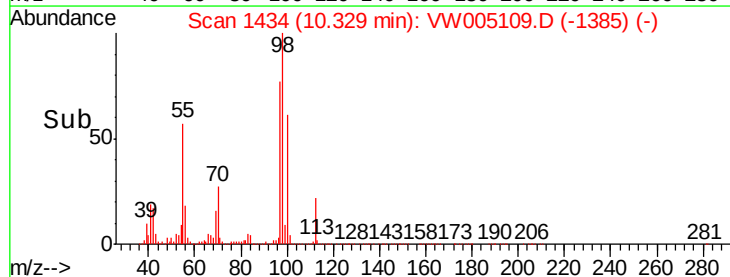
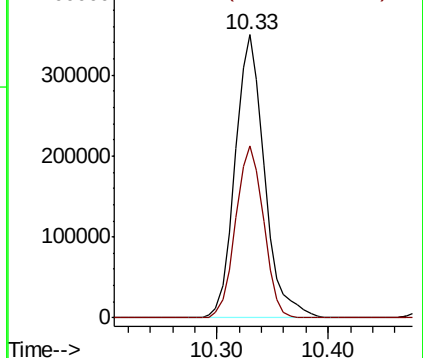
Tgt Ion	Ratio	Lower	Upper
98	100		
100	57.6	51.7	77.5

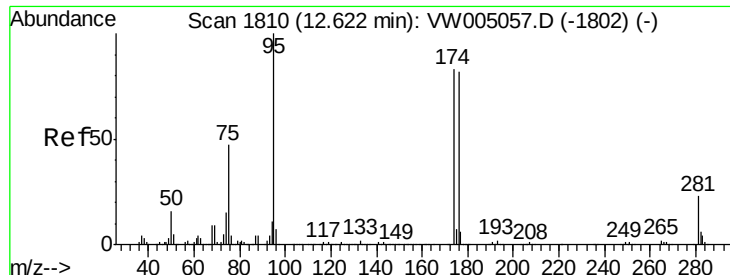


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 157.80 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005109.D

Acq: 05 Sep 2018 05:33

Instrument :

MSVOA_W

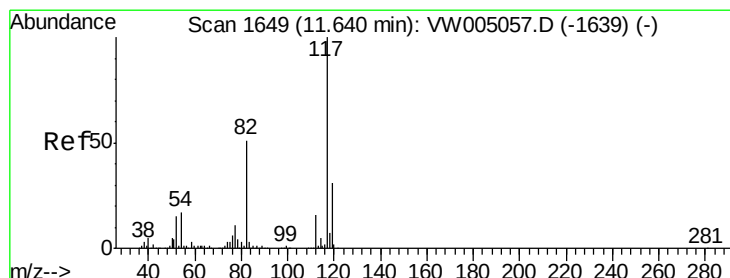
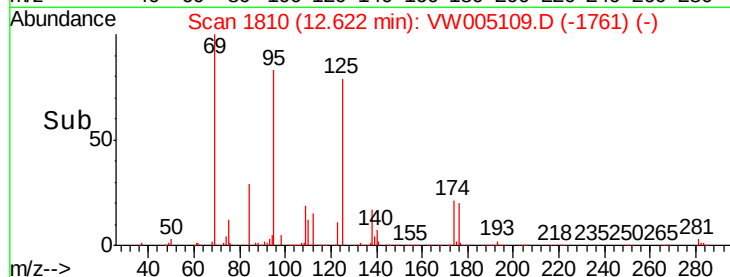
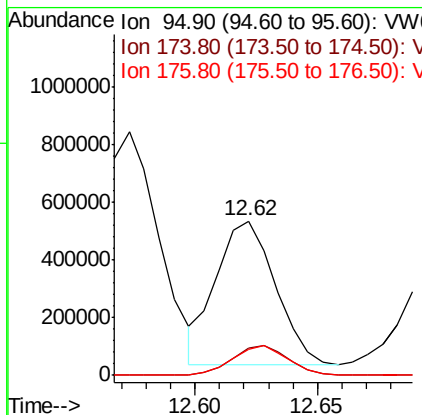
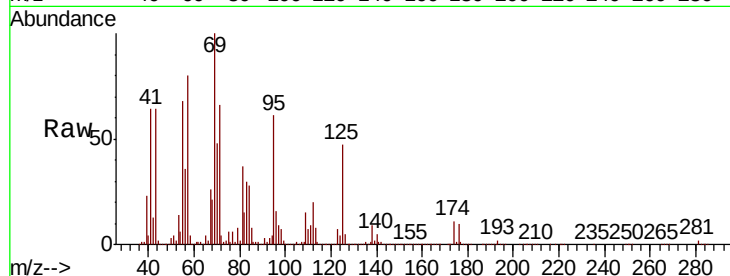
ClientSampled :

EP1-MW-E(8-10)

Tot Ion:	95	Resp:	842060
Ion Ratio	Lower	Upper	
95	100		
174	19.2	0.0	173.4
176	19.0	0.0	167.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

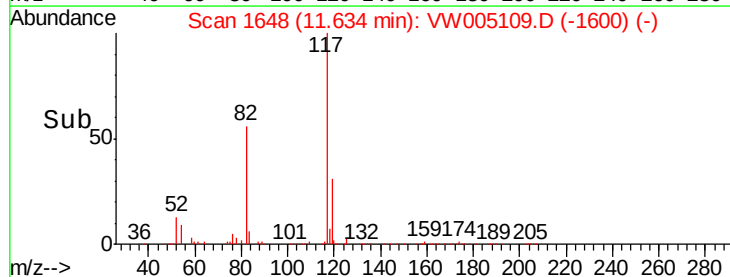
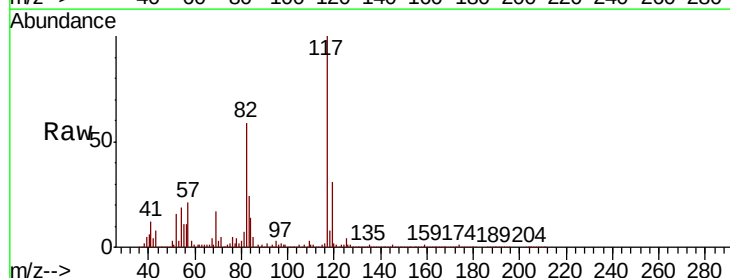
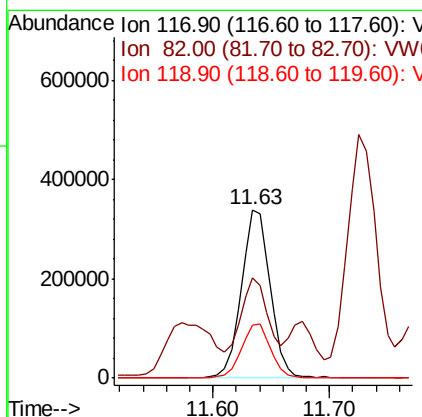
RT: 11.63 min Scan# 1648

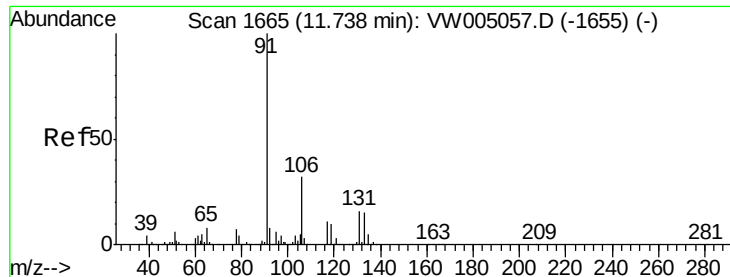
Delta R.T. -0.01 min

Lab File: VW005109.D

Acq: 05 Sep 2018 05:33

Tgt Ion:	117	Resp:	576590
Ion Ratio	Lower	Upper	
117	100		
82	29.1	40.9	61.3#
119	30.9	24.9	37.3





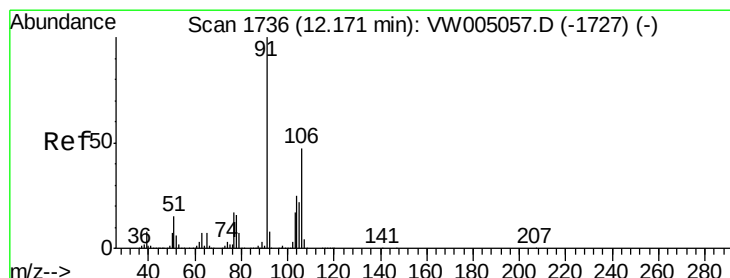
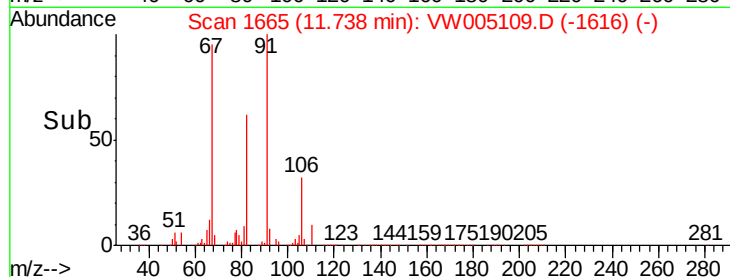
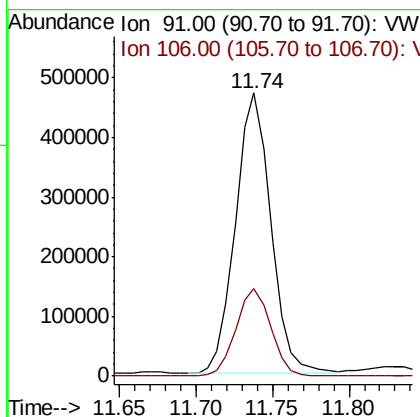
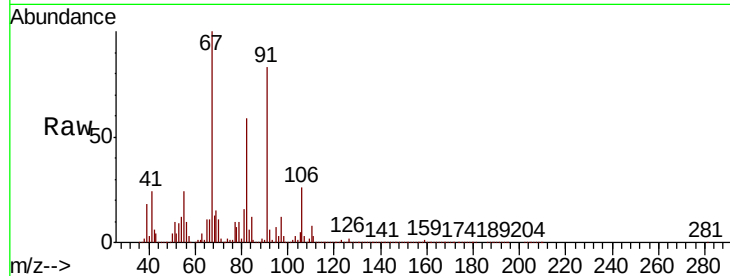
#67
Ethyl Benzene
Concen: 34.32 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005109.D
Acq: 05 Sep 2018 05:33

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-E(8-10)

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	31.1	25.3	37.9	

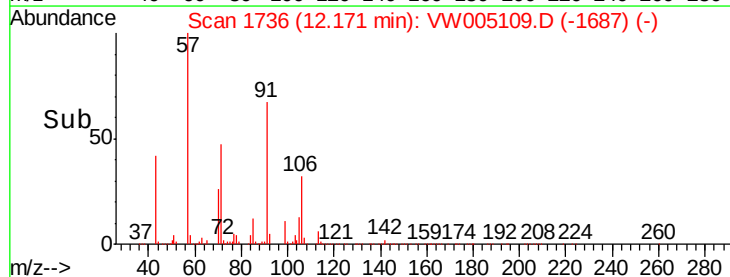
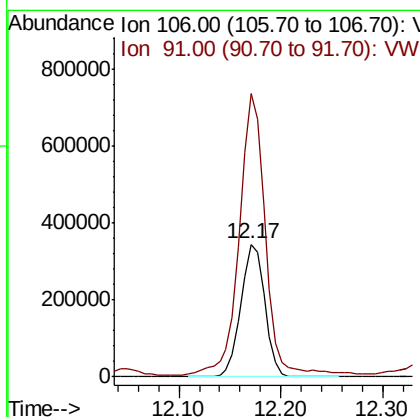
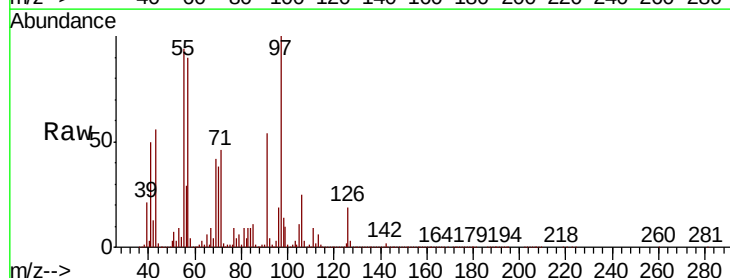
Manual Integrations
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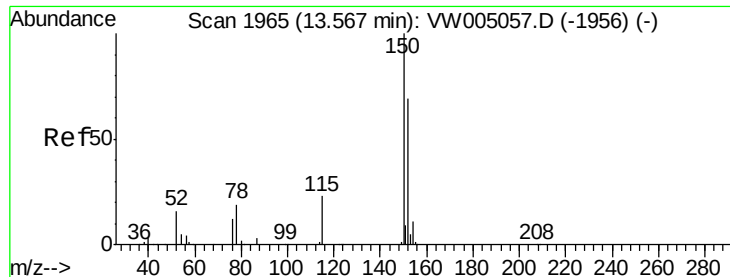
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#69
o-Xylene
Concen: 68.41 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005109.D
Acq: 05 Sep 2018 05:33

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	230.5	105.6	316.8	





#72

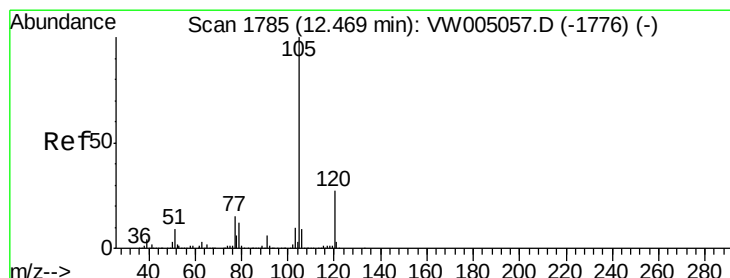
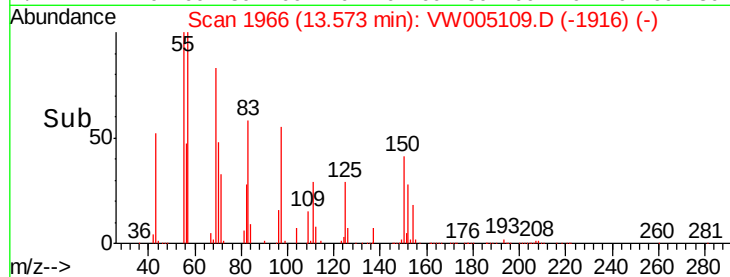
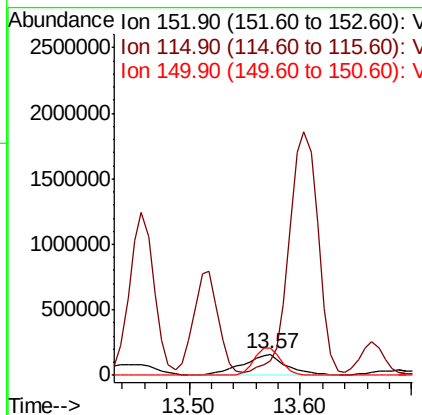
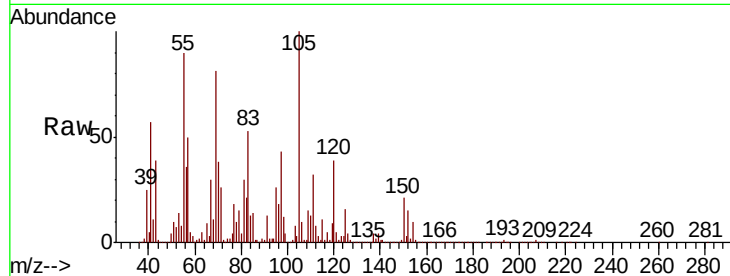
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. 0.01 min
Lab File: VW005109.D
Acq: 05 Sep 2018 05:33

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-E(8-10)

Tot Ion	Ratio	Lower	Upper
152	100		
115	0.0	27.8	83.4#
150	83.7	0.0	351.4

Manual Integrations
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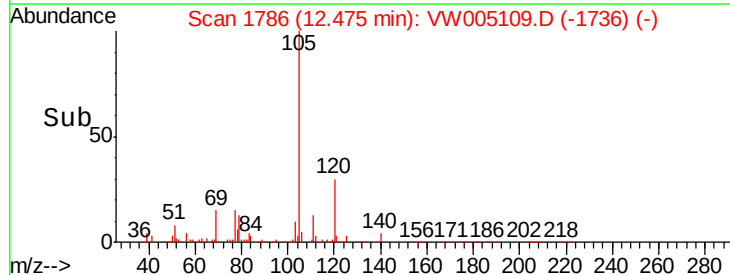
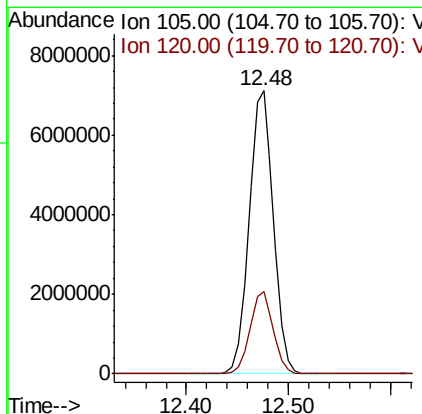
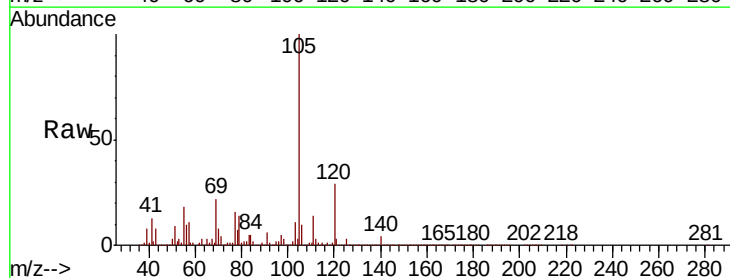
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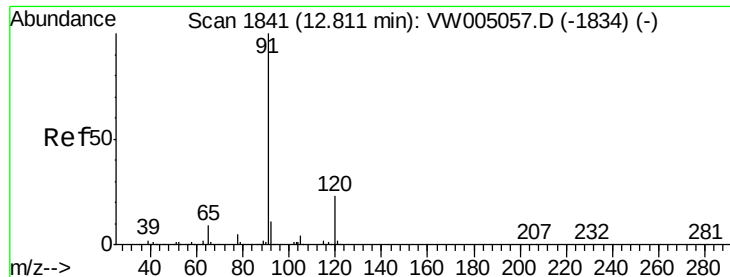


#73

Isopropylbenzene
Concen: 399.70 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.01 min
Lab File: VW005109.D
Acq: 05 Sep 2018 05:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.1	13.4	40.1





#78

n-propylbenzene

Concen: 596.61 ug/l m

RT: 12.80 min Scan# 1840

Delta R.T. -0.01 min

Lab File: VW005109.D

Acq: 05 Sep 2018 05:33

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-E(8-10)

Tot Ion: 91 Resp: 21157907

Ion Ratio Lower Upper

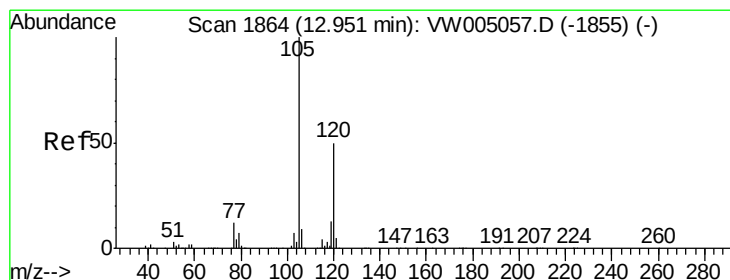
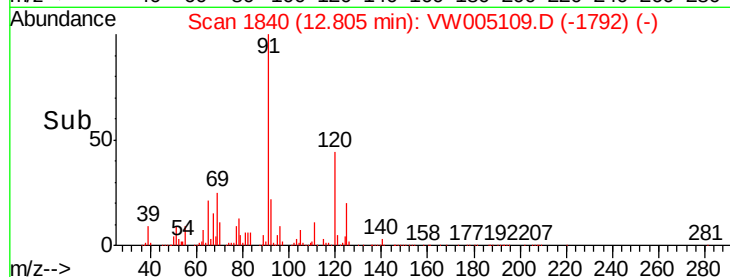
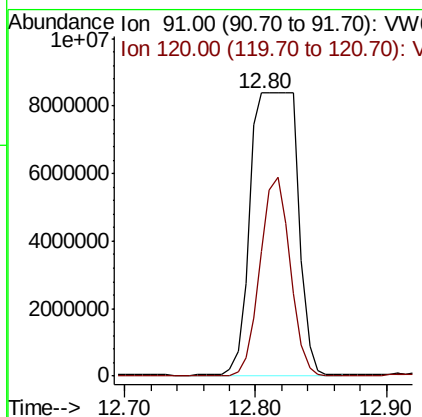
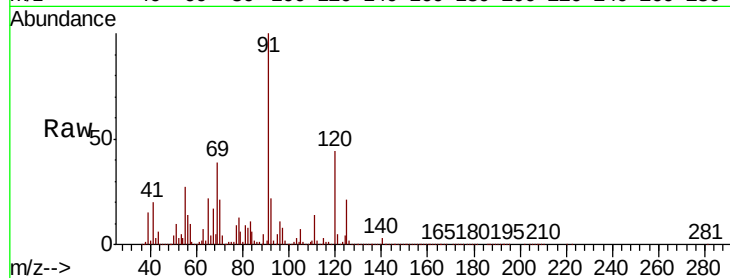
91 100

120 92.1 11.8 35.3#

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#80

1,3,5-Trimethylbenzene

Concen: 930.09 ug/l m

RT: 12.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VW005109.D

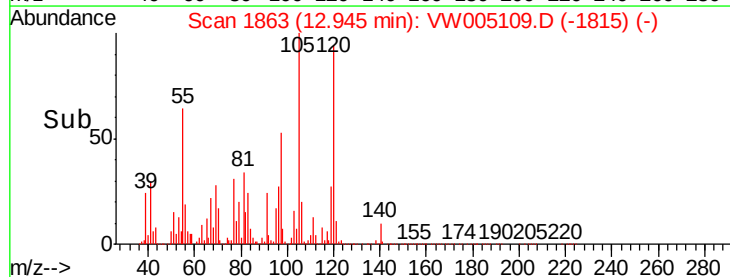
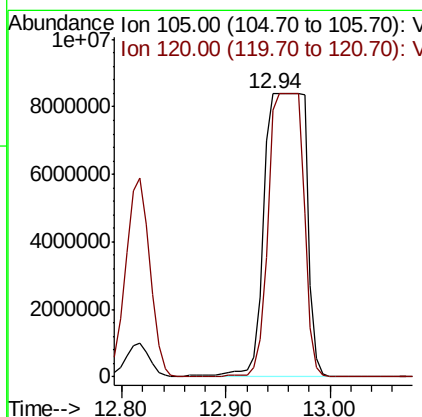
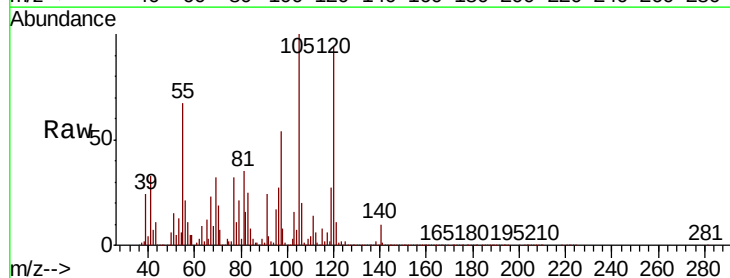
Acq: 05 Sep 2018 05:33

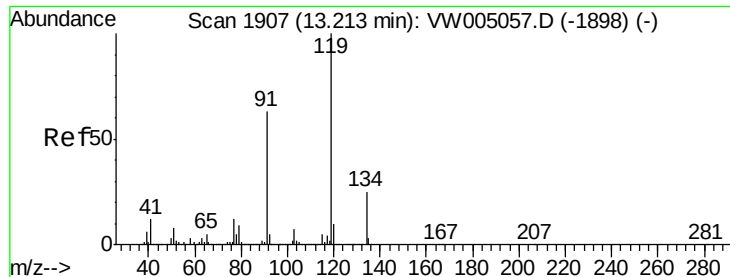
Tgt Ion: 105 Resp: 23628708

Ion Ratio Lower Upper

105 100

120 39.8 24.9 74.8





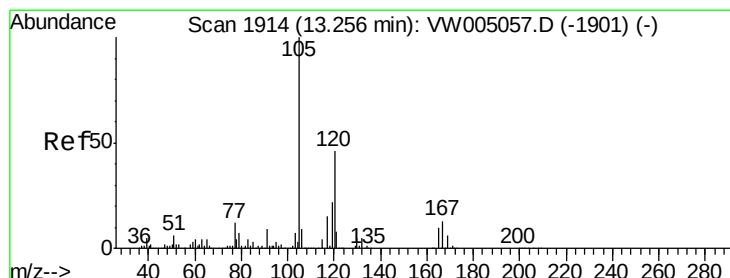
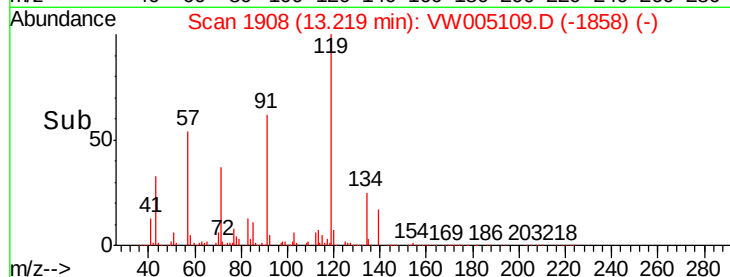
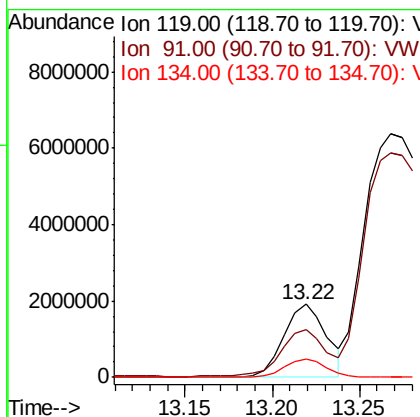
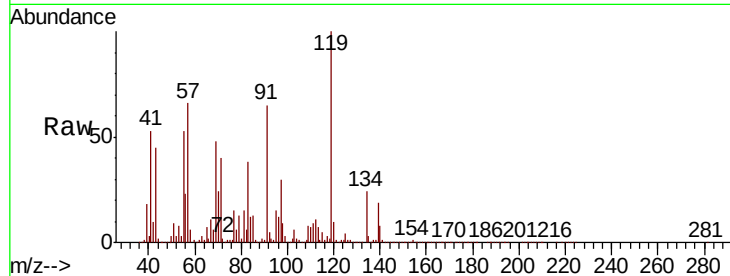
#83
 tert-Butylbenzene
 Concen: 153.39 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VW005109.D
 Acq: 05 Sep 2018 05:33

Instrument :
 MSVOA_W
 ClientSampled :
 EP1-MW-E(8-10)

Tot Ion:119 Resp: 3254340
 Ion Ratio Lower Upper
 119 100
 91 67.2 31.8 95.4
 134 24.2 13.0 39.0

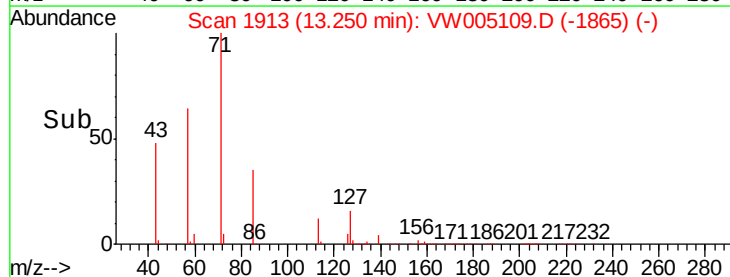
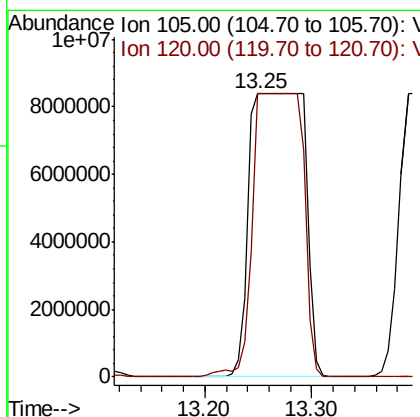
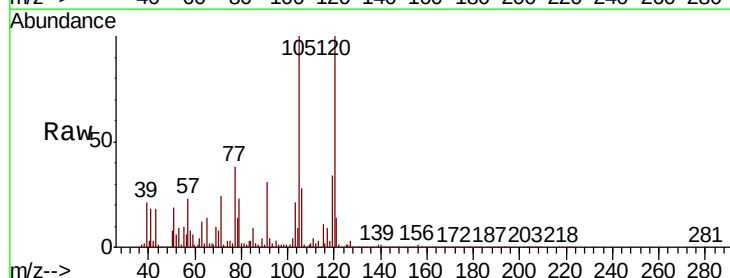
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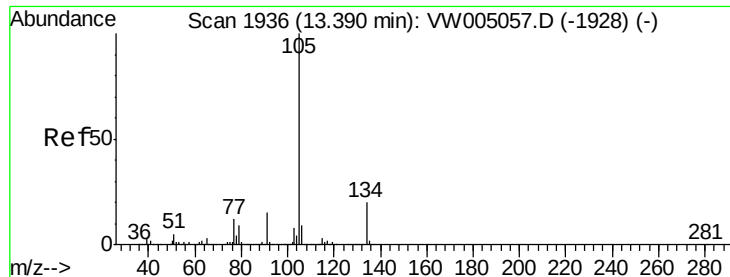
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#84
 1,2,4-Trimethylbenzene
 Concen: 1155.83 ug/l m
 RT: 13.25 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: VW005109.D
 Acq: 05 Sep 2018 05:33

Tgt Ion:105 Resp:29904569
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.1 69.3#





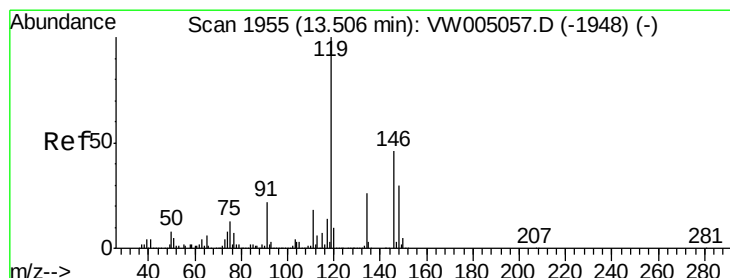
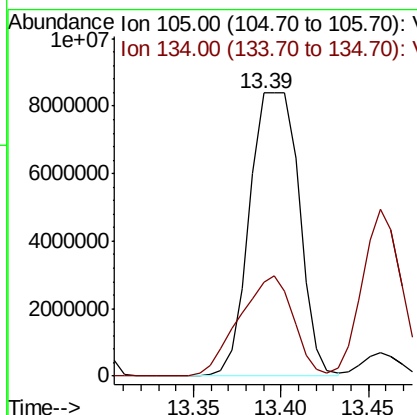
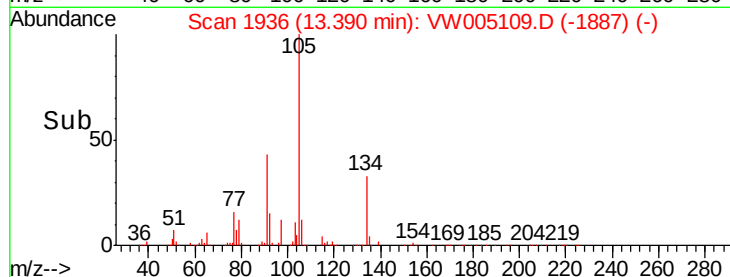
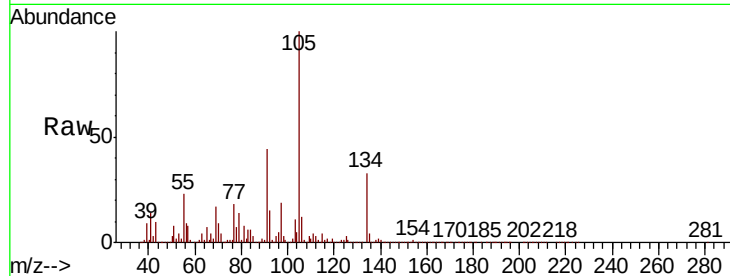
#85
 sec-Butylbenzene
 Concen: 526.36 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005109.D
 Acq: 05 Sep 2018 05:33

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-E(8-10)

Tot Ion:105 Resp:16411118
 Ion Ratio Lower Upper
 105 100
 134 39.1 10.1 30.3#

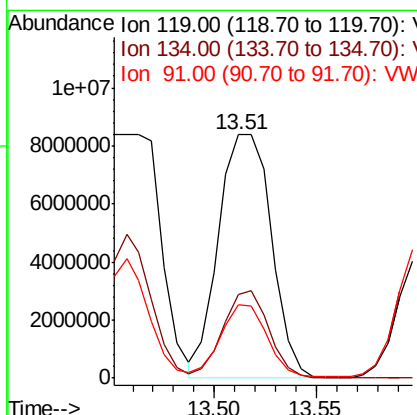
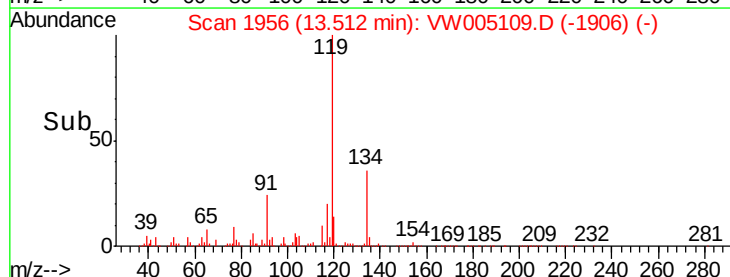
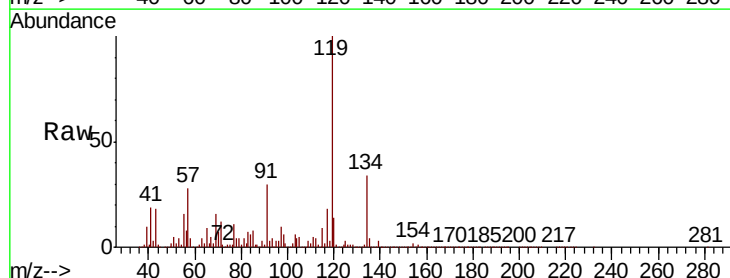
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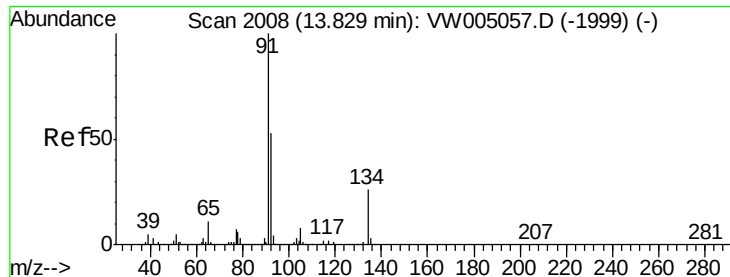
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#86
 p-Isopropyltoluene
 Concen: 546.45 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.01 min
 Lab File: VW005109.D
 Acq: 05 Sep 2018 05:33

Tgt Ion:119 Resp:15081645
 Ion Ratio Lower Upper
 119 100
 134 31.0 13.3 39.8
 91 26.0 10.9 32.9





#89

n-Butylbenzene

Concen: 593.86 ug/l m

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW005109.D

Acq: 05 Sep 2018 05:33

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-E(8-10)

Tot Ion: 91 Resp:15189756

Ion Ratio Lower Upper

91 100

92 0.0 26.5 79.5#

134 0.0 13.5 40.4#

Manual Integrations

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