

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008072.D
 Acq On : 07 Jan 2019 16:22
 Operator : SY/AP
 Sample : K1071-01
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-17(10-15)

Manual Integrations
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 1/8/2019 11:53:58 AM

Quant Time: Jan 08 04:35:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	68650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	114339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	87363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	55277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	43486	57.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.54%	
35) Dibromofluoromethane	7.88	113	35485	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	10.32	98	154644	57.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.38%	
62) 4-Bromofluorobenzene	12.62	95	92454	89.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.32%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	3249	27.642	ug/l	97
17) Carbon Disulfide	4.37	76	6765	3.213	ug/l	100
20) Methylene Chloride	4.92	84	3016	1.873	ug/l #	88
25) 2-Butanone	7.19	43	1189	8.586	ug/l	100
39) Methylcyclohexane	9.34	83	286561	203.823	ug/l	98
65) Chlorobenzene	11.66	112	57661	30.882	ug/l	97
73) Isopropylbenzene	12.47	105	323812	73.669	ug/l	96
78) n-propylbenzene	12.81	91	645505	126.664	ug/l	94
84) 1,2,4-Trimethylbenzene	13.26	105	14056m	3.668	ug/l	
85) sec-Butylbenzene	13.39	105	655617	143.976	ug/l	82
89) n-Butylbenzene	13.83	91	337035	89.710	ug/l #	83

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

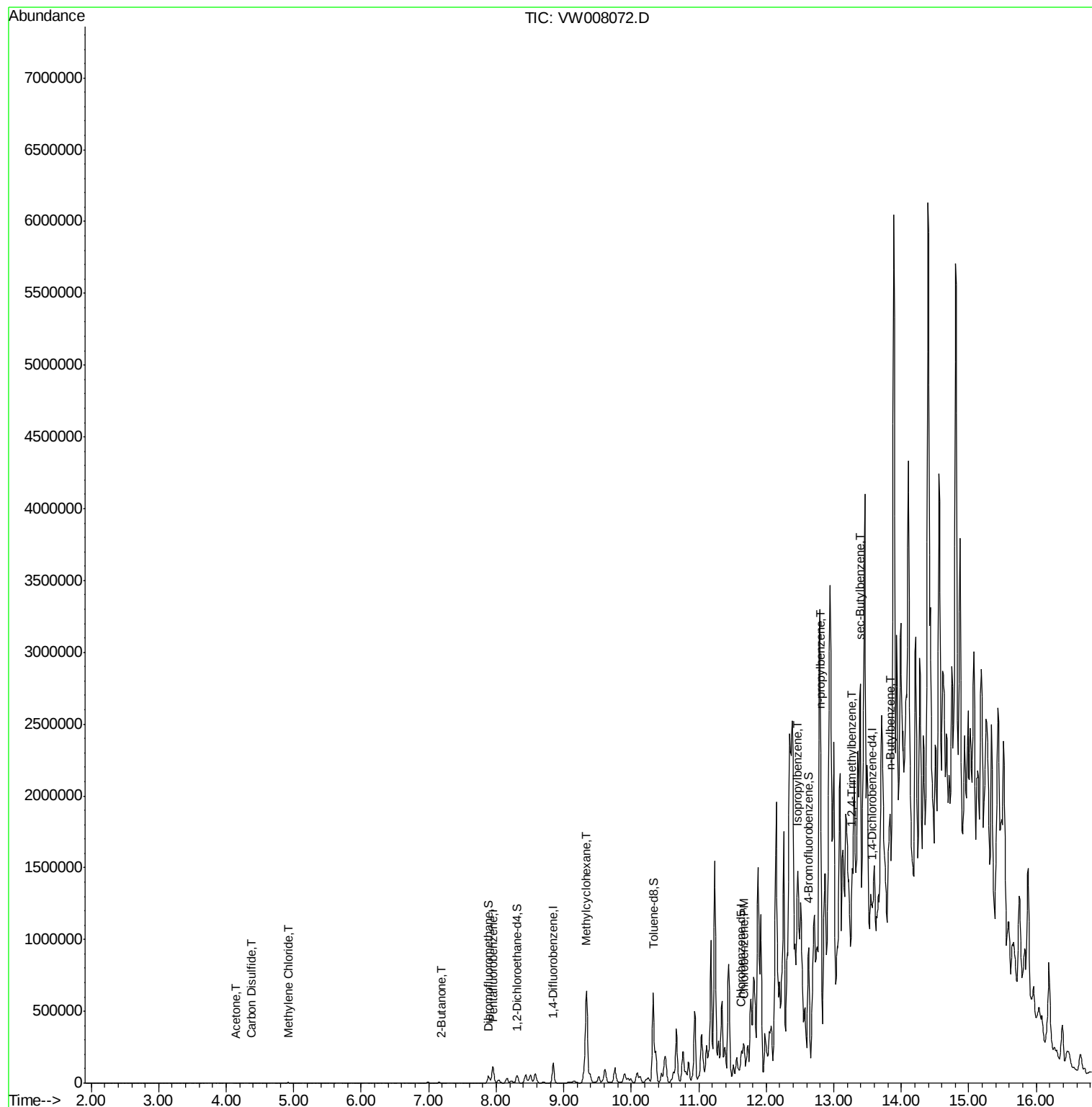
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010719\
Data File : VW008072.D
Acq On : 07 Jan 2019 16:22
Operator : SY/AP
Sample : K1071-01
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

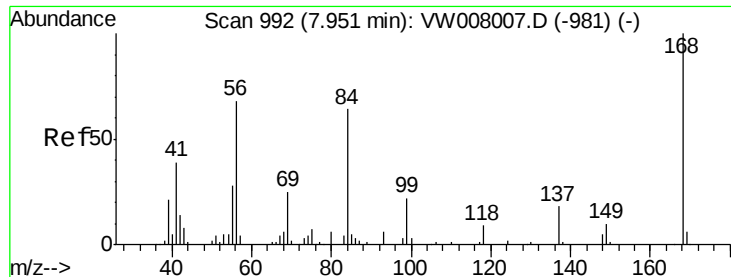
Instrument :
MSVOA_W
ClientSampleId :
CPSB-17(10-15)

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Quant Time: Jan 08 04:35:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

CPSB-17(10-15)

Tot Ion:168 Resp: 68650

Ion Ratio Lower Upper

168 100

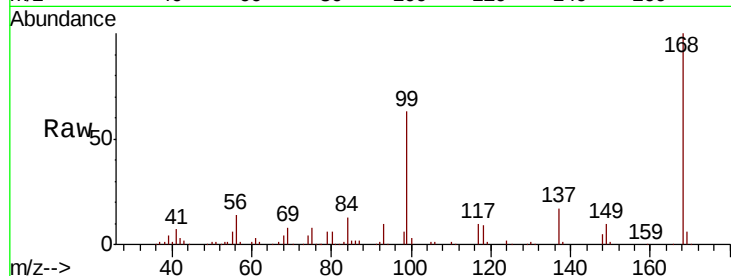
99 62.9 51.6 77.4

Manual Integrations

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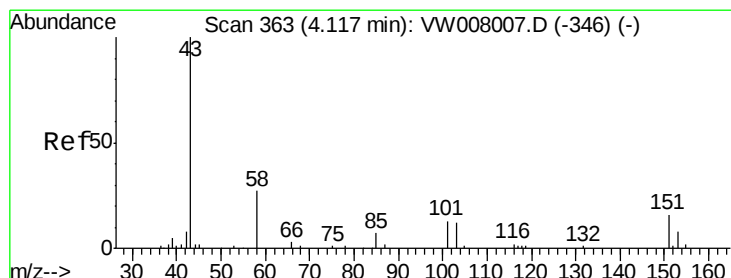
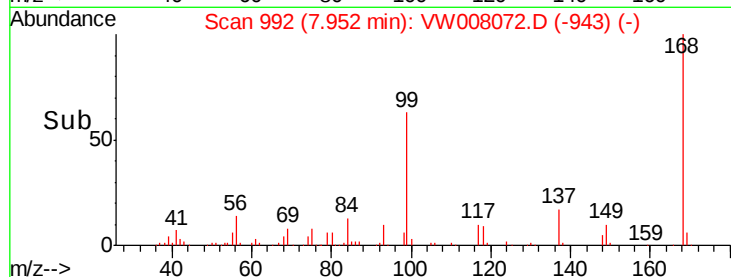
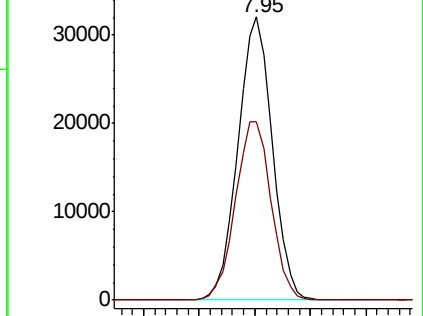
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 27.642 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW008072.D

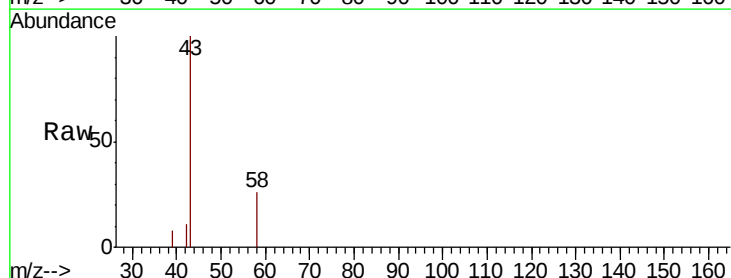
Acq: 07 Jan 2019 16:22

Tgt Ion: 43 Resp: 3249

Ion Ratio Lower Upper

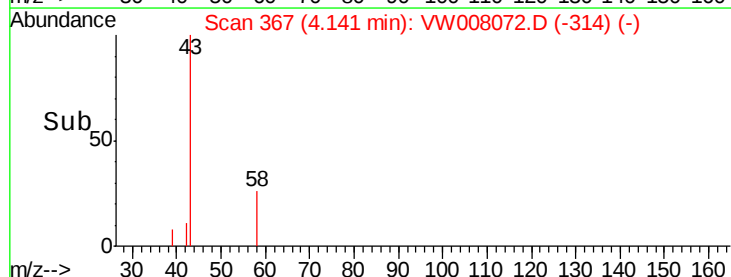
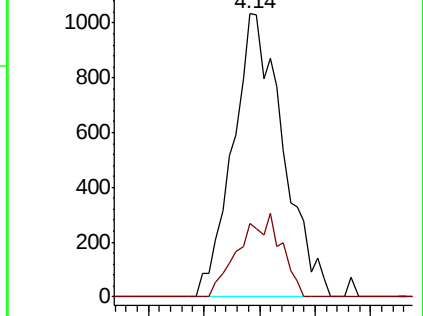
43 100

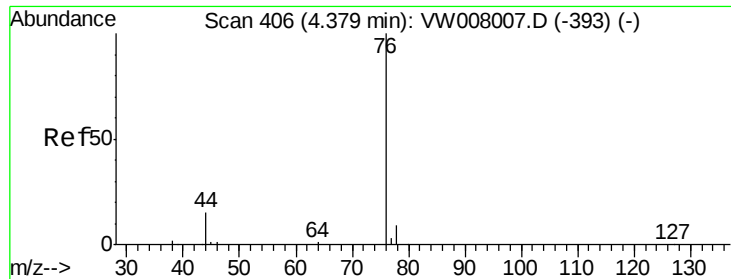
58 25.8 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 3.213 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

CPSB-17(10-15)

Tot Ion: 76 Resp: 6765

Ion Ratio Lower Upper

76 100

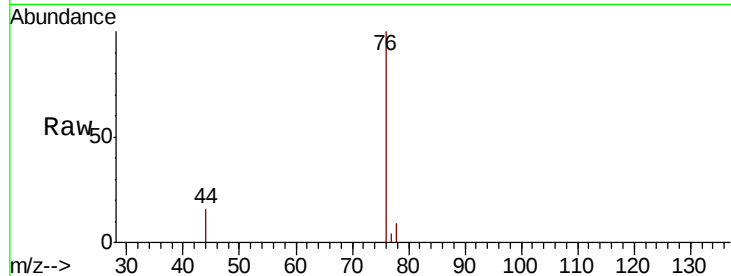
78 8.7 7.0 10.4

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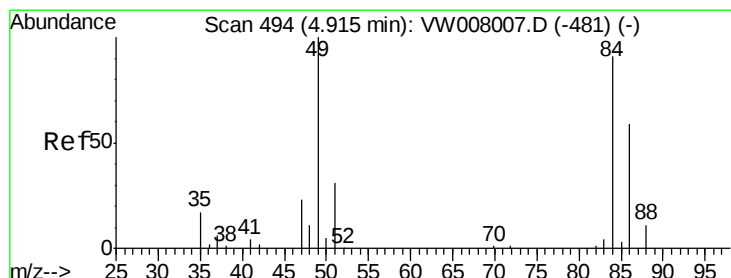
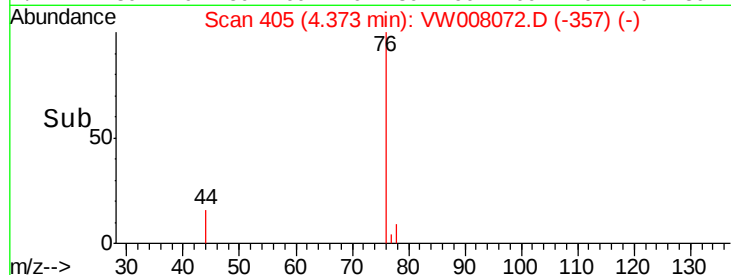
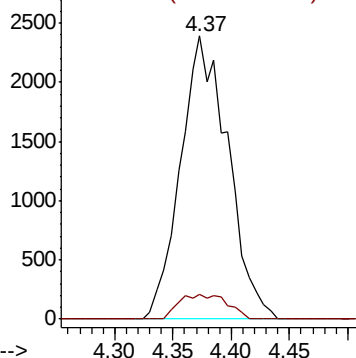
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 1.873 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Tgt Ion: 84 Resp: 3016

Ion Ratio Lower Upper

84 100

49 86.5 87.7 131.5#

51 31.5 27.3 40.9

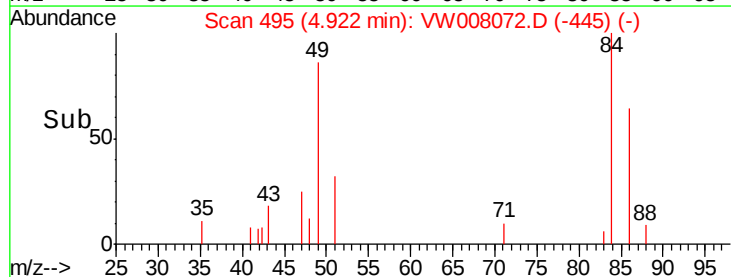
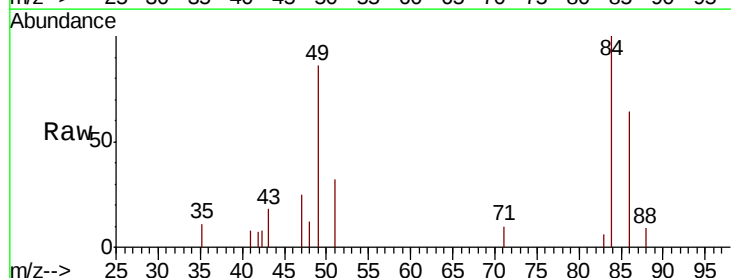
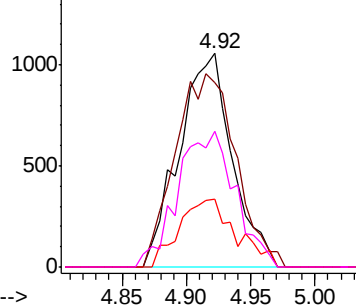
86 63.7 51.4 77.0

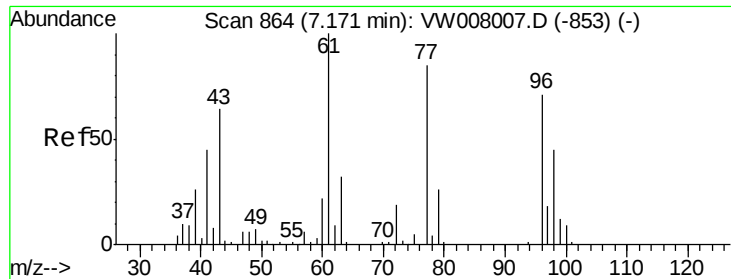
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 8.586 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

CPSB-17(10-15)

Tot Ion: 43 Resp: 1189

Ion Ratio Lower Upper

43 100

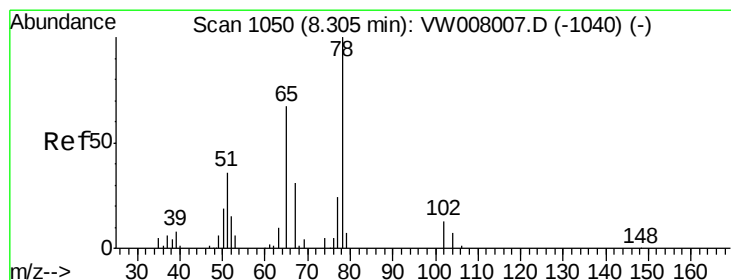
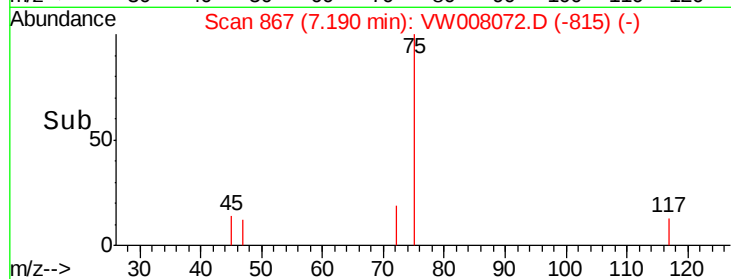
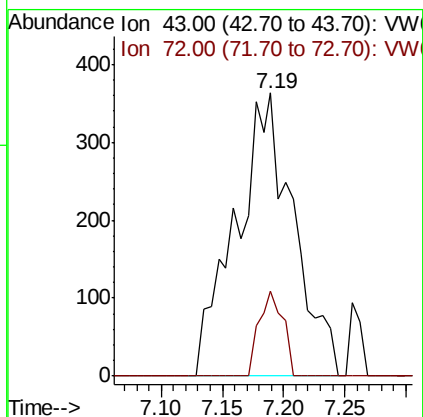
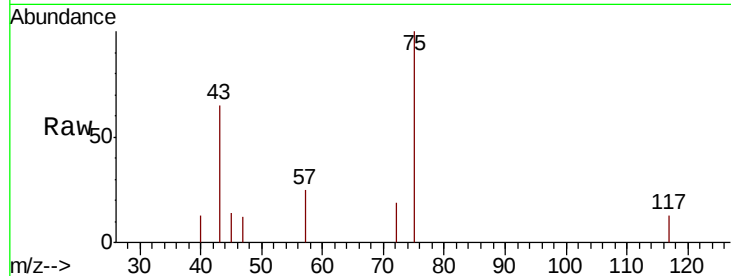
72 30.0 23.8 35.8

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#33

1,2-Dichloroethane-d4

Concen: 57.270 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008072.D

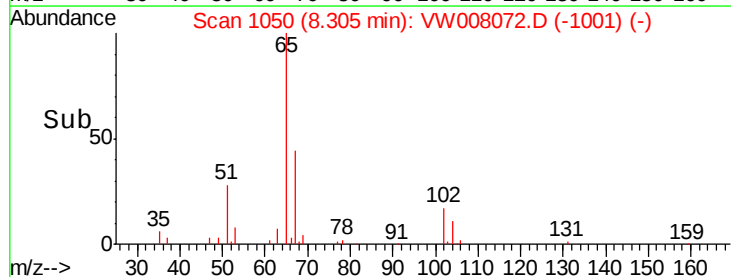
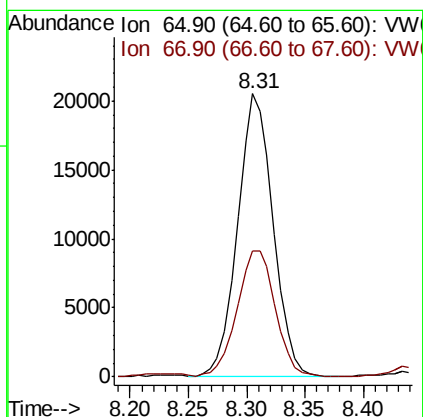
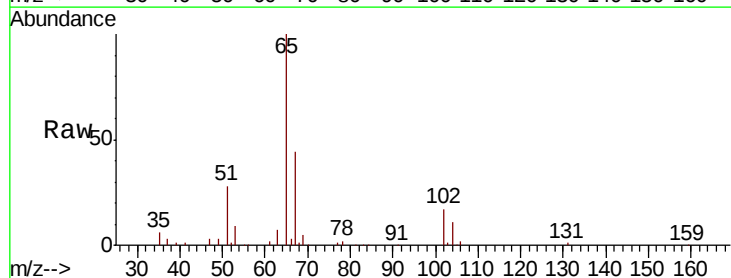
Acq: 07 Jan 2019 16:22

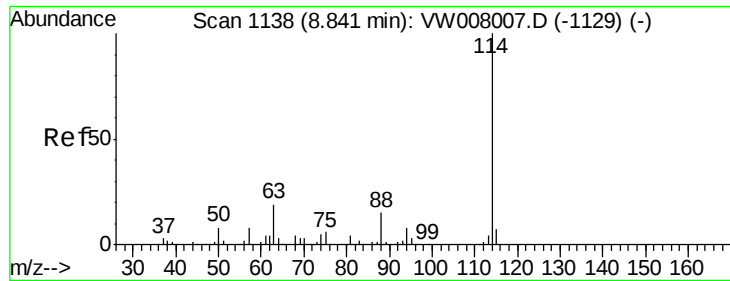
Tgt Ion: 65 Resp: 43486

Ion Ratio Lower Upper

65 100

67 48.5 0.0 94.8





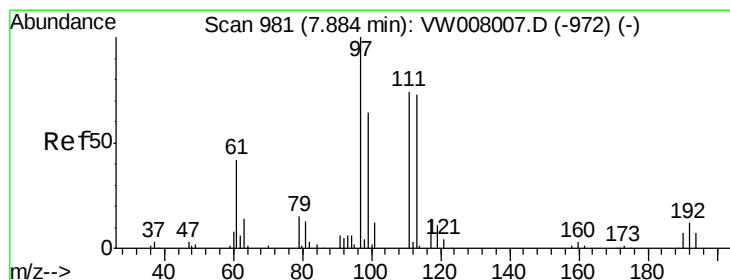
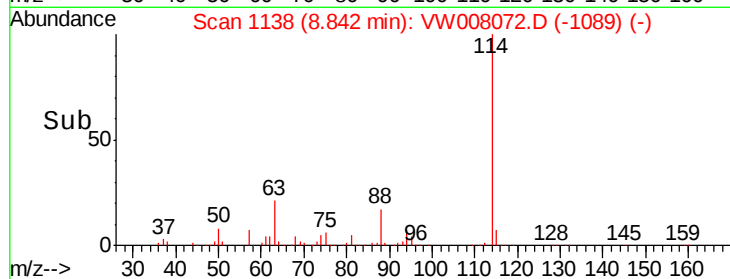
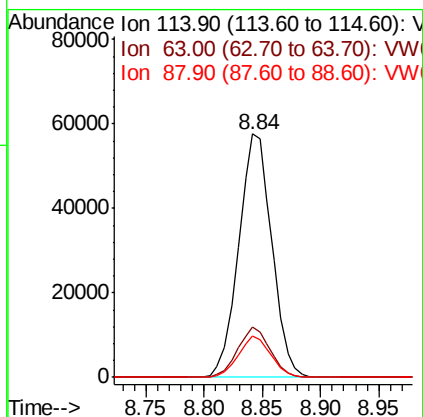
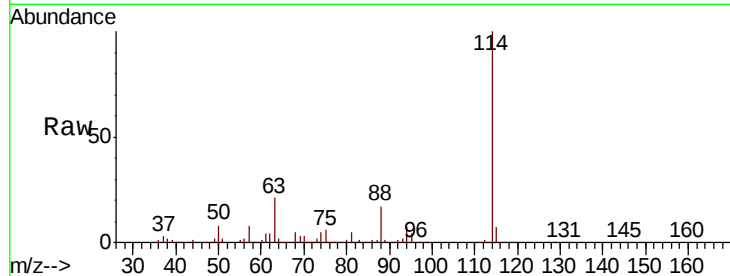
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
CPSB-17(10-15)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	114339		
63	20.9	0.0	37.8	
88	16.9	0.0	31.0	

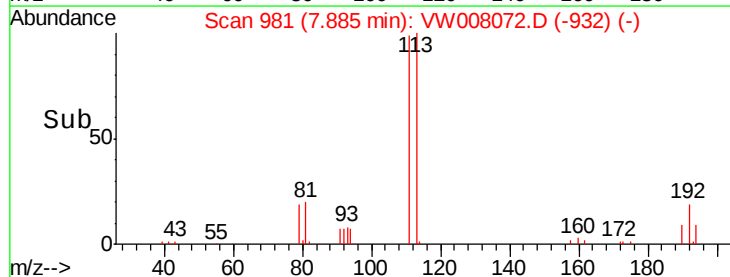
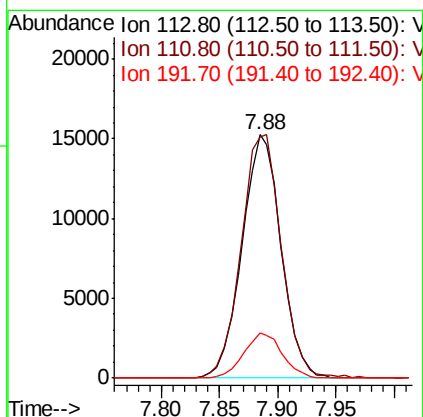
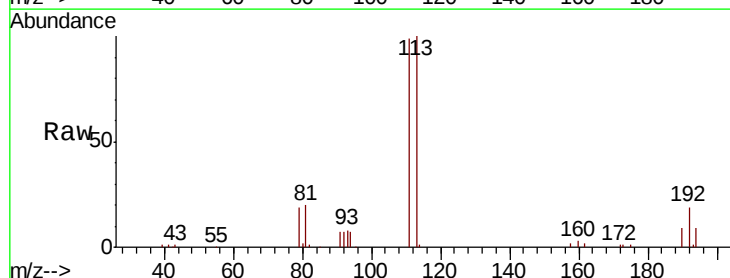
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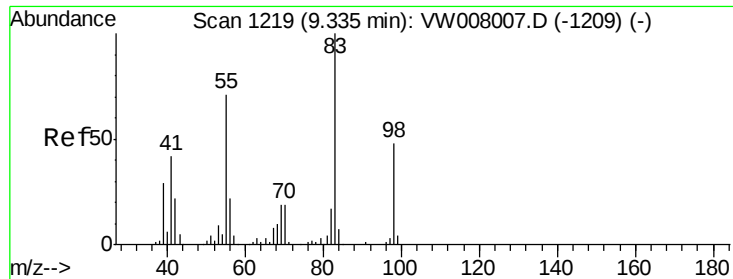
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#35
Dibromofluoromethane
Concen: 49.230 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	35485		
111	103.6	81.4	122.0	
192	18.3	14.8	22.2	





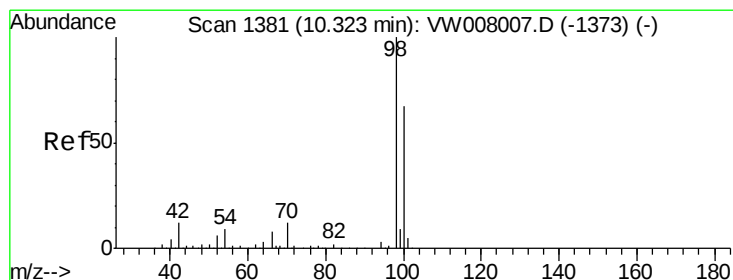
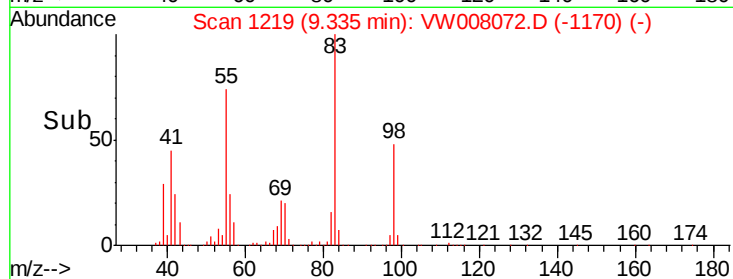
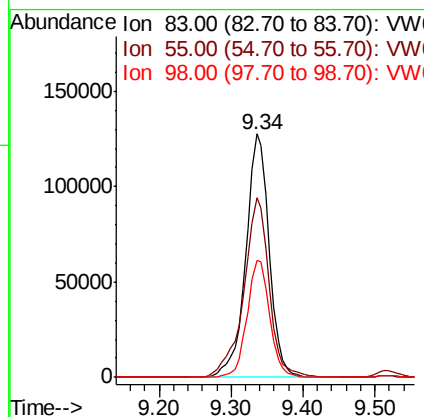
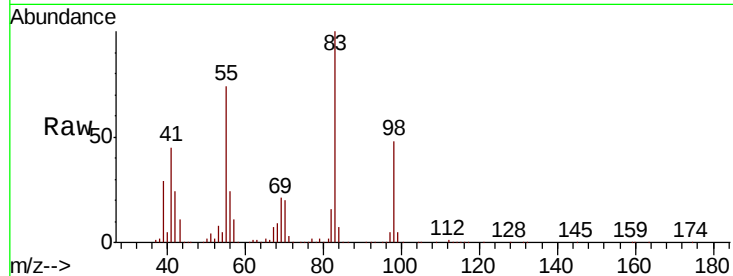
#39
Methylcyclohexane
Concen: 203.823 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
CPSB-17(10-15)

Tot Ion	83	Resp	286561
Ion Ratio	100	Lower	Upper
83	100		
55	73.5	56.8	85.2
98	48.1	38.6	58.0

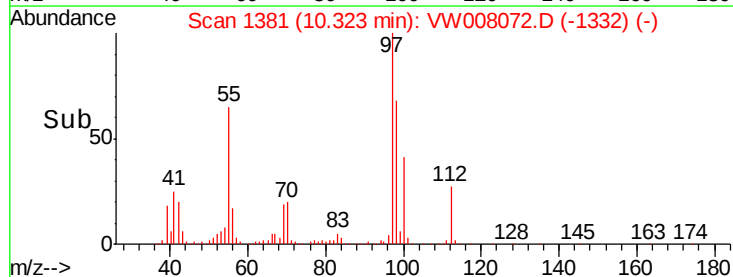
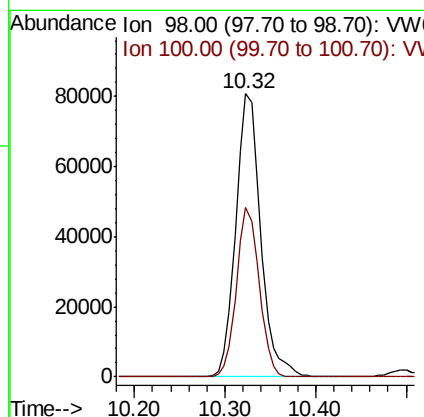
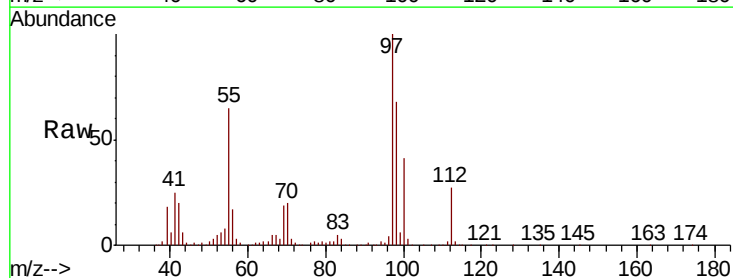
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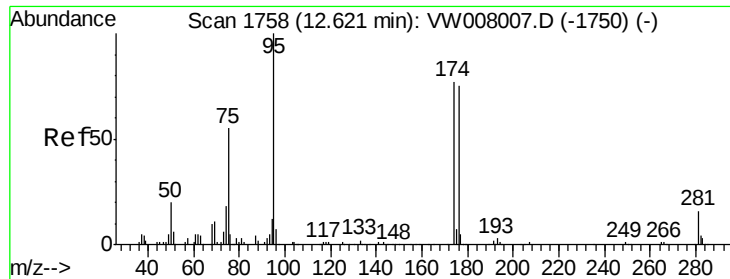
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#50
Toluene-d8
Concen: 57.193 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

Tgt Ion	98	Resp	154644
Ion Ratio	100	Lower	Upper
98	100		
100	54.4	52.9	79.3





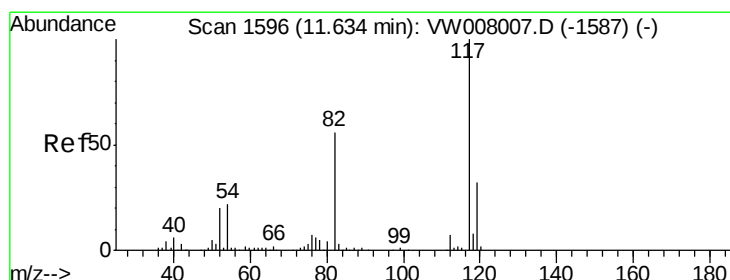
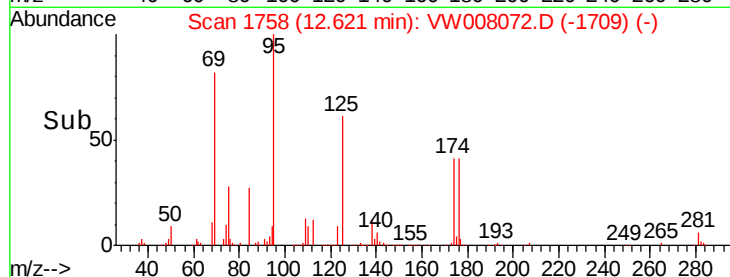
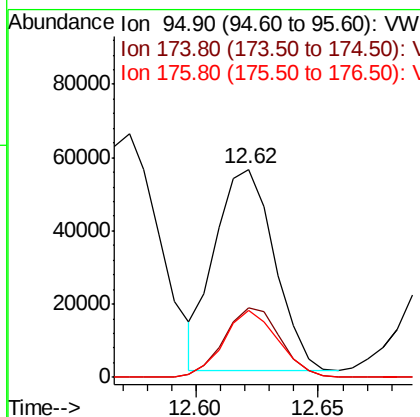
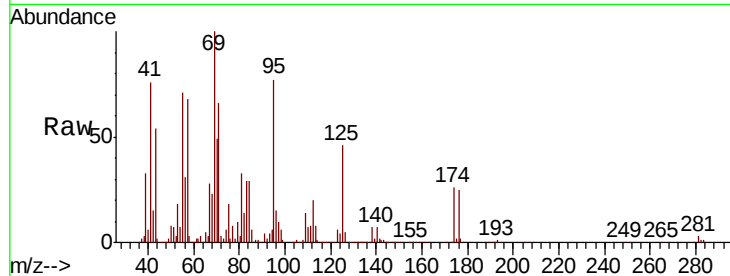
#62
4-Bromofluorobenzene
Concen: 89.159 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
CPSB-17(10-15)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	92454		
174	32.7	0.0	149.6	
176	30.8	0.0	145.4	

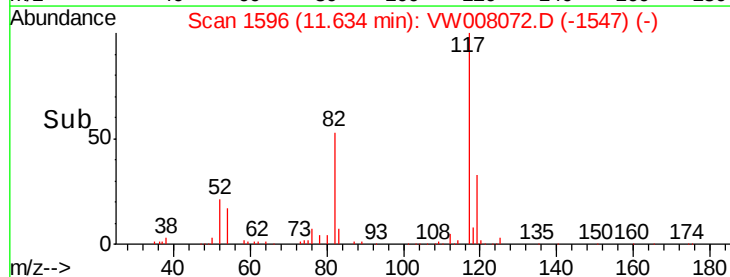
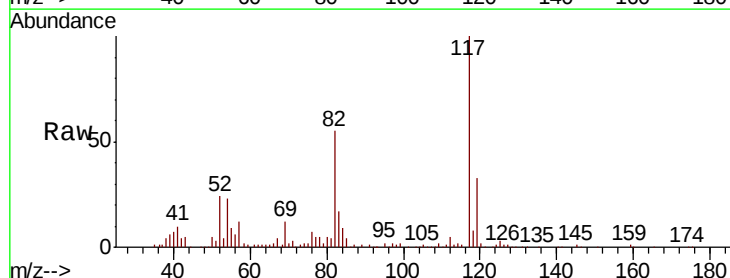
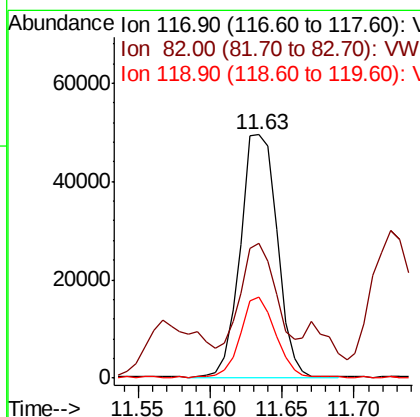
Manual Integrations
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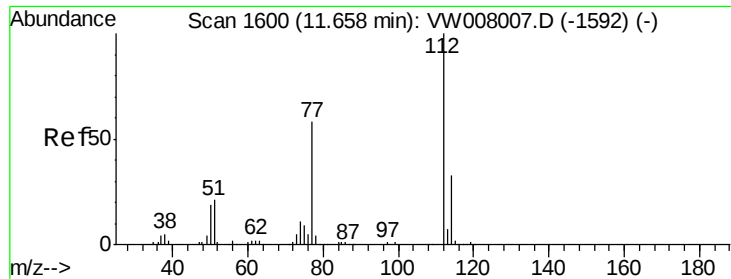
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	87363		
82	45.5	44.8	67.2	
119	32.8	25.6	38.4	





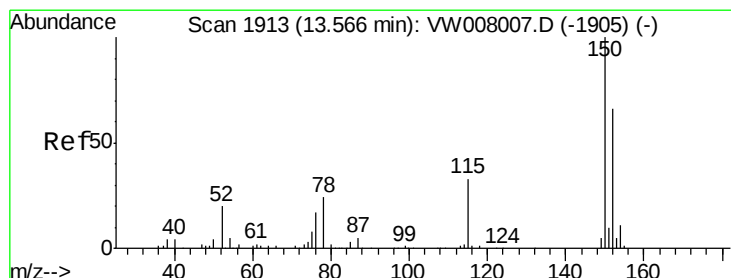
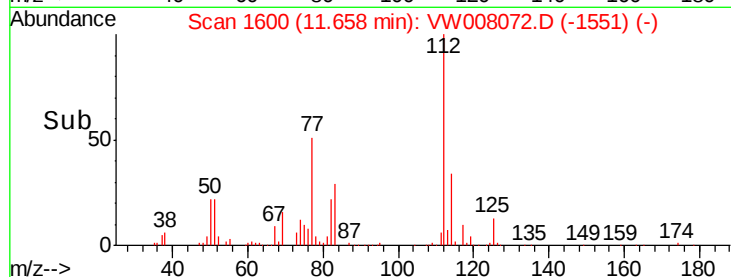
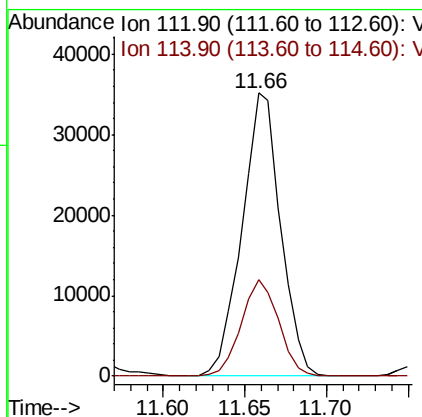
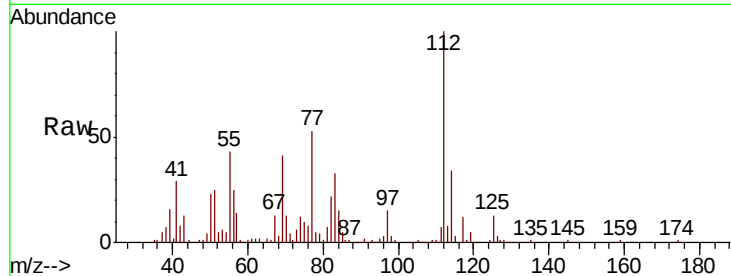
#65
Chlorobenzene
Concen: 30.882 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
CPSB-17(10-15)

Tot Ion:112 Resp: 57661
Ion Ratio Lower Upper
112 100
114 34.1 26.0 39.0

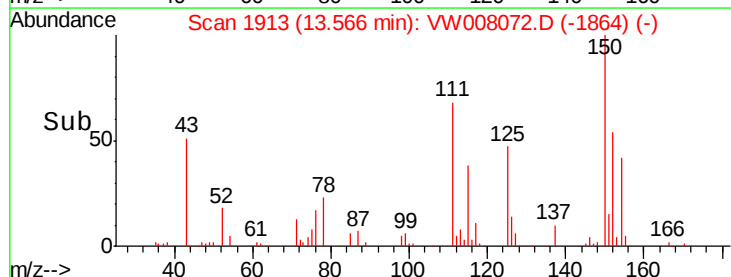
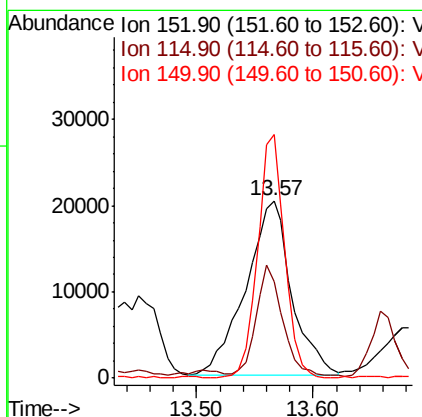
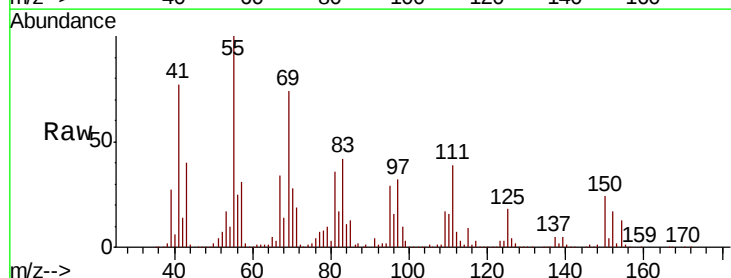
Manual Integrations
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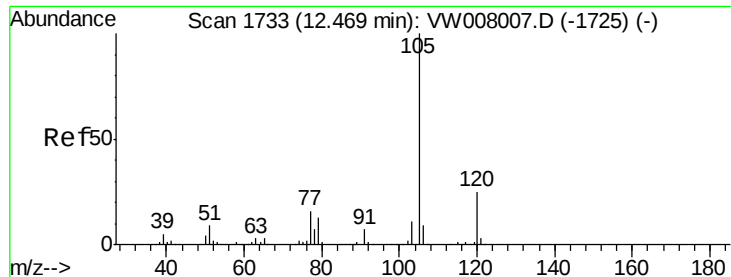
MMDadoda
1/8/2019 11:53:58 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

Tgt Ion:152 Resp: 55277
Ion Ratio Lower Upper
152 100
115 36.6 32.1 96.5
150 82.4 0.0 345.0





#73

Isopropylbenzene

Concen: 73.669 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

CPSB-17(10-15)

Tot Ion: 105 Resp: 323812

Ion Ratio Lower Upper

105 100

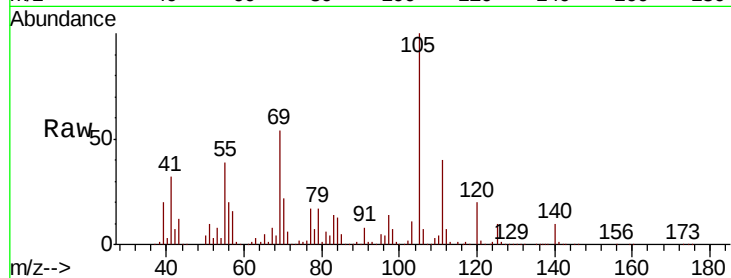
120 23.7 12.8 38.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

250000

200000

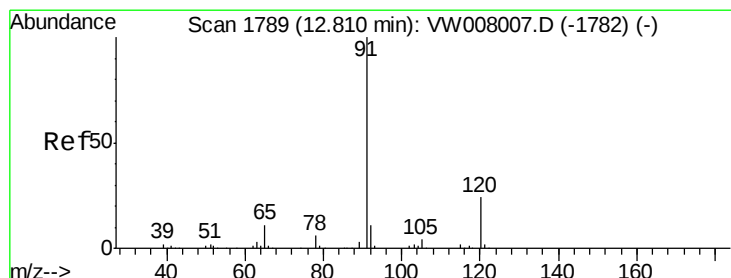
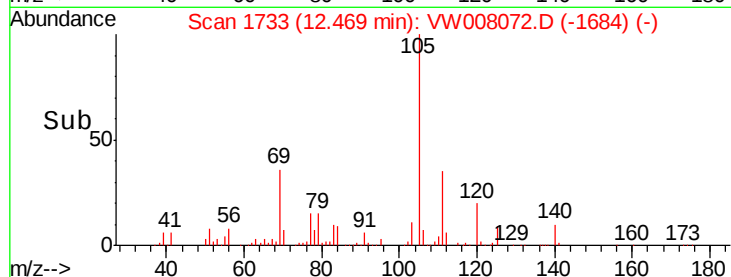
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 126.664 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008072.D

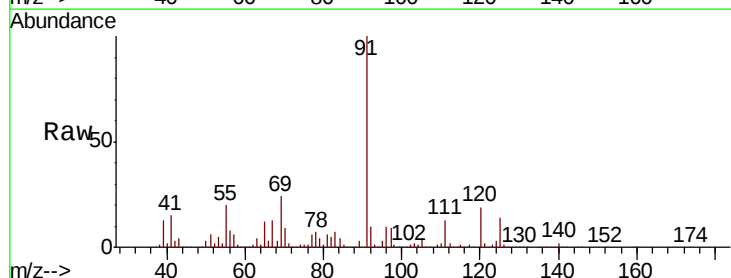
Acq: 07 Jan 2019 16:22

Tgt Ion: 91 Resp: 645505

Ion Ratio Lower Upper

91 100

120 20.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

500000

400000

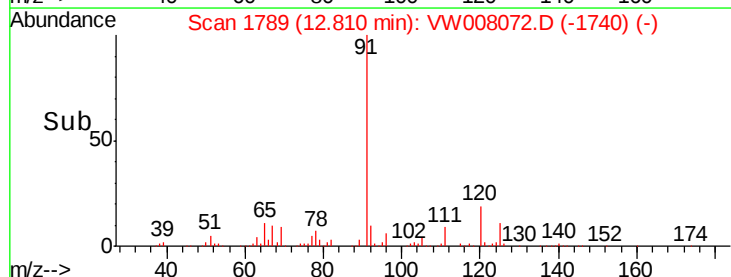
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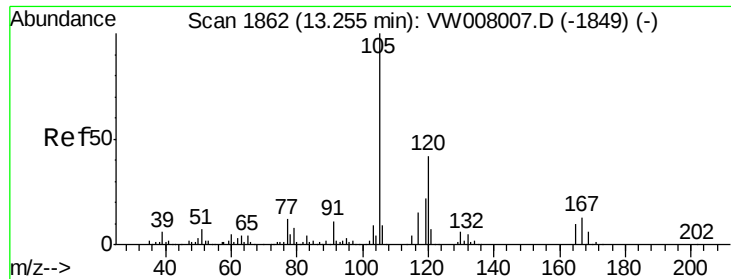
200000

100000

0

Time-->





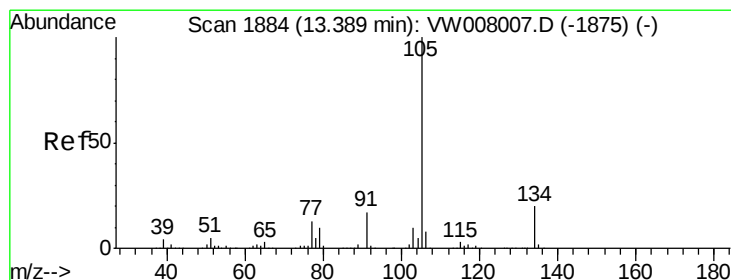
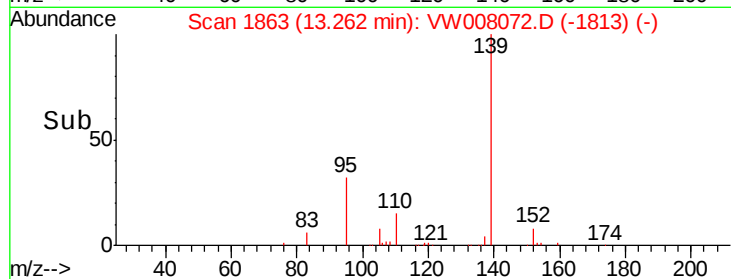
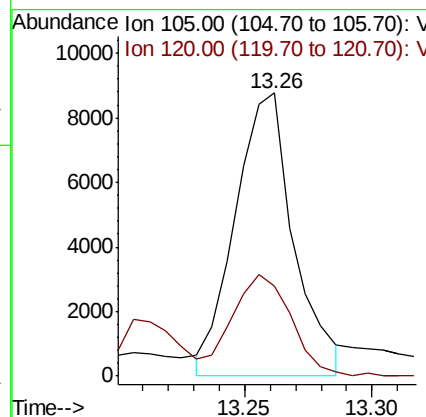
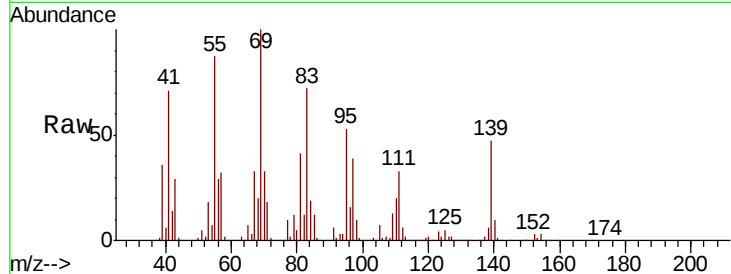
#84
1,2,4-Trimethylbenzene
Concen: 3.668 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
CPSB-17(10-15)

Tot Ion:105 Resp: 14056
Ion Ratio Lower Upper
105 100
120 11.1 21.5 64.5#

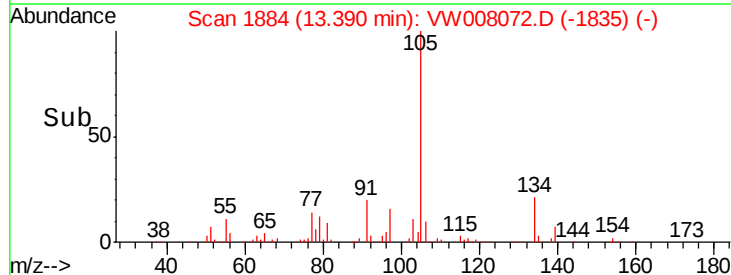
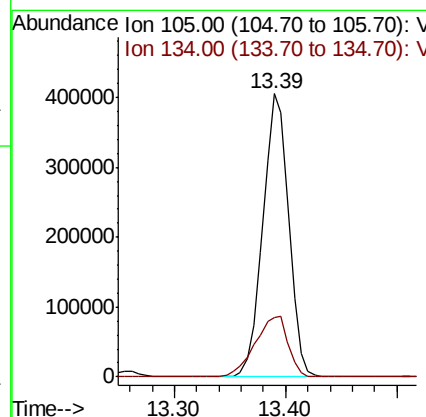
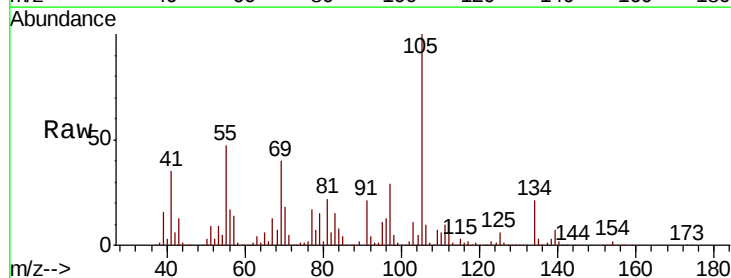
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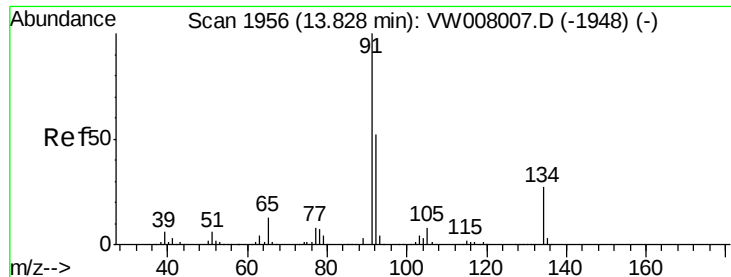
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#85
sec-Butylbenzene
Concen: 143.976 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW008072.D
Acq: 07 Jan 2019 16:22

Tgt Ion:105 Resp: 655617
Ion Ratio Lower Upper
105 100
134 27.3 9.7 28.9





#89

n-Butylbenzene

Concen: 89.710 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW008072.D

Acq: 07 Jan 2019 16:22

Instrument :

MSVOA_W

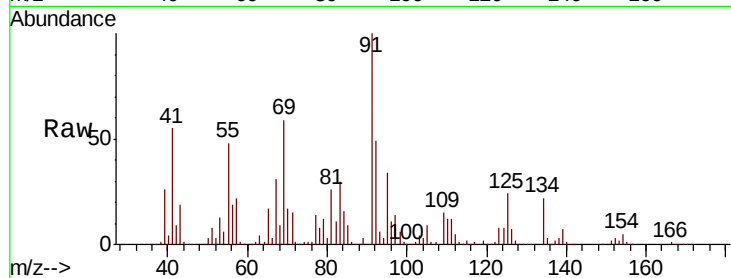
ClientSampleId :

CPSB-17(10-15)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
92	45.1	26.4	79.2		
134	41.1	13.4	40.2		

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Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

