

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006857.D
 Acq On : 13 Nov 2018 16:28
 Operator : SY/AP
 Sample : J5860-24
 Misc : 4.87G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-111(14-16)

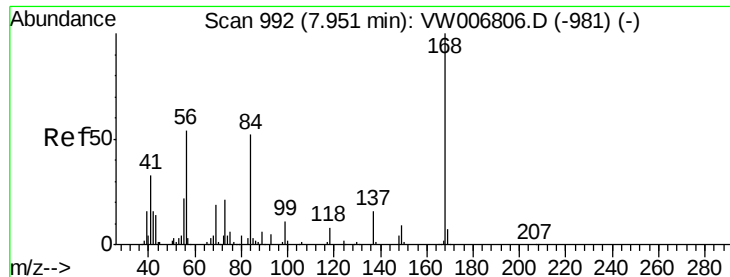
Manual Integrations
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Quant Time: Nov 14 06:17:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	67722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	98602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	89480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	46202	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	21150	42.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.44%	
35) Dibromofluoromethane	7.89	113	22911	39.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.04%	
50) Toluene-d8	10.33	98	95631	39.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.60%	
62) 4-Bromofluorobenzene	12.62	95	37455	41.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.58%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	5407	76.049	ug/l	93
39) Methylcyclohexane	9.34	83	16738	13.982	ug/l	94
67) Ethyl Benzene	11.74	91	356536	105.353	ug/l	99
68) m/p-Xylenes	11.85	106	163622	118.169	ug/l	98
73) Isopropylbenzene	12.47	105	52213	16.281	ug/l	100
78) n-propylbenzene	12.81	91	334685	88.422	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	374274	135.755	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1746421	622.455	ug/l	99
85) sec-Butylbenzene	13.39	105	30588m	8.858	ug/l	
86) p-Isopropyltoluene	13.51	119	20580	6.552	ug/l #	77
89) n-Butylbenzene	13.83	91	100966m	35.172	ug/l	
95) Naphthalene	15.38	128	428473	264.415	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006857.D

Acq: 13 Nov 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-111(14-16)

Tot Ion:168 Resp: 67722

Ion Ratio Lower Upper

168 100

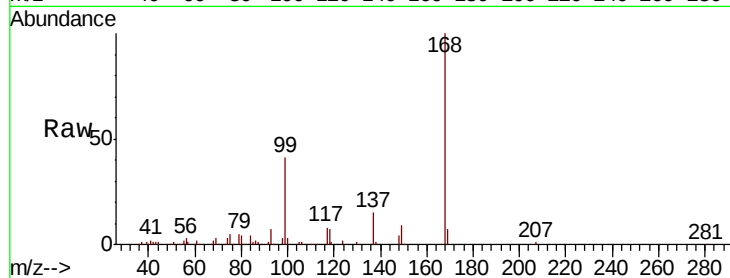
99 41.5 37.3 55.9

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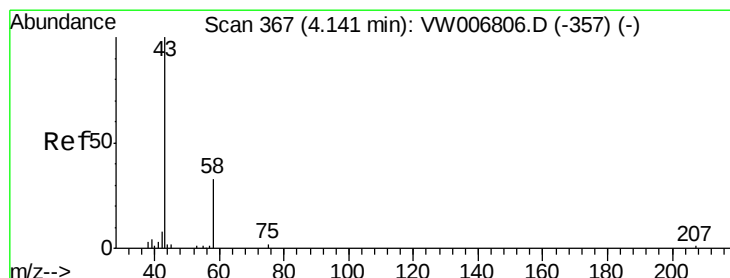
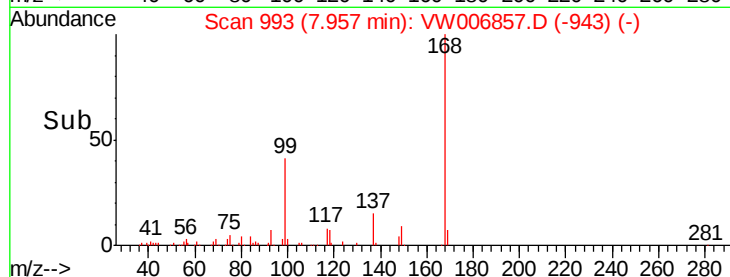
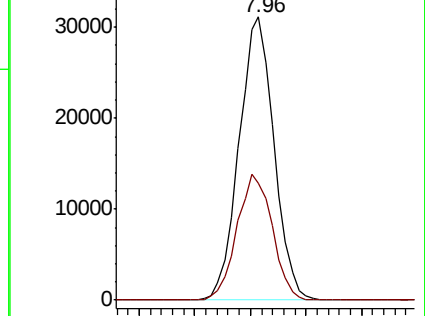
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 76.049 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW006857.D

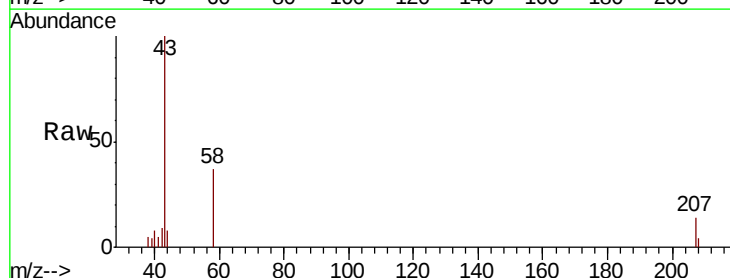
Acq: 13 Nov 2018 16:28

Tgt Ion: 43 Resp: 5407

Ion Ratio Lower Upper

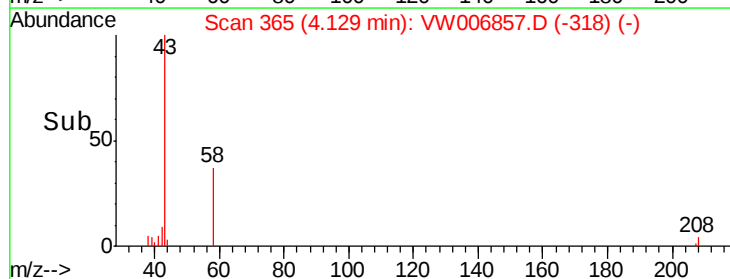
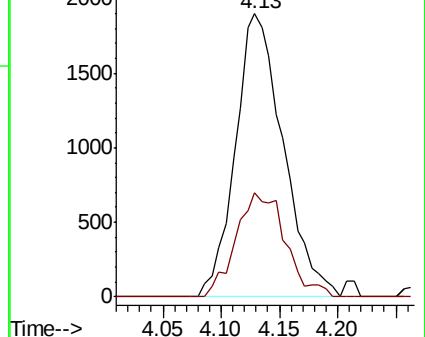
43 100

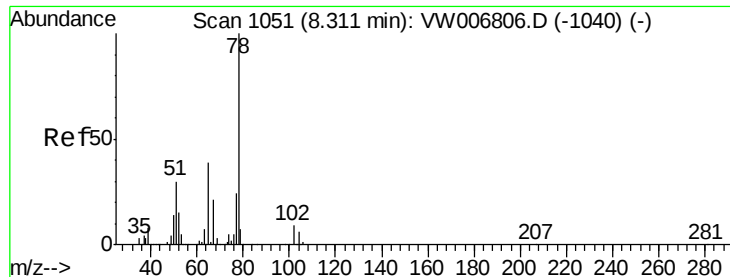
58 36.9 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





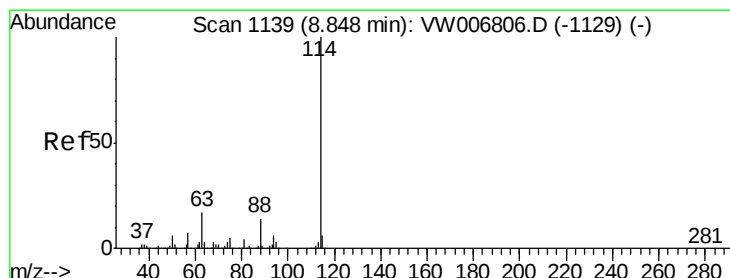
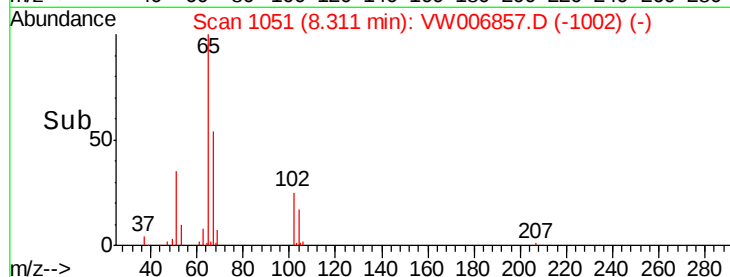
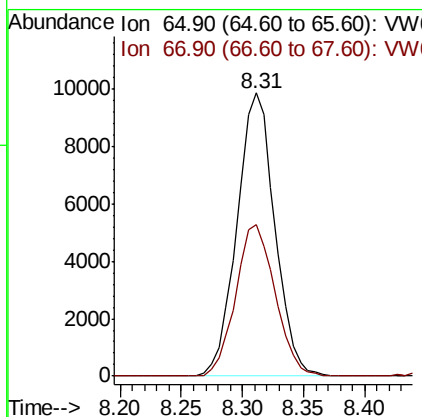
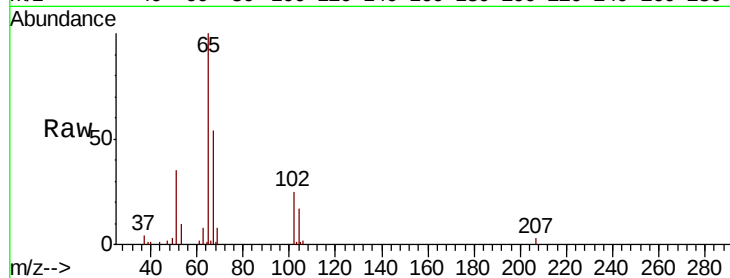
#33
 1,2-Dichloroethane-d4
 Concen: 42.722 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006857.D
 Acq: 13 Nov 2018 16:28

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-111(14-16)

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.6	0.0	104.4	

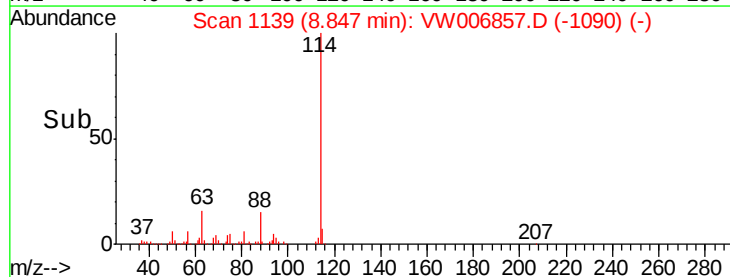
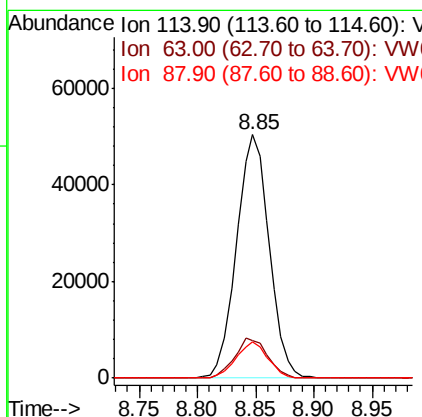
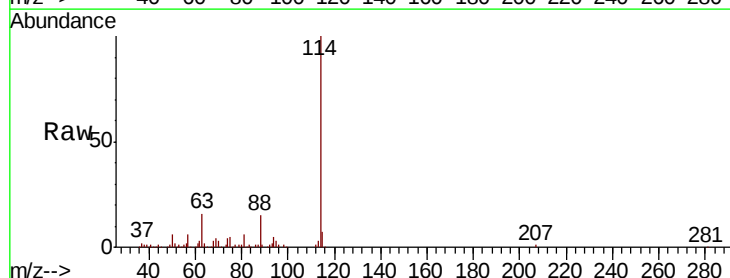
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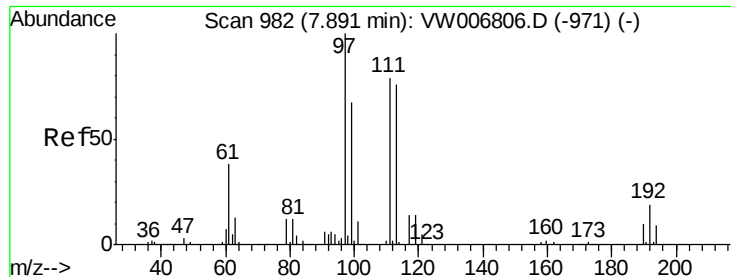
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006857.D
 Acq: 13 Nov 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	15.5	0.0	33.6	
88	14.7	0.0	28.4	





#35

Dibromofluoromethane

Concen: 39.021 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006857.D

Acq: 13 Nov 2018 16:28

Instrument :

MSVOA_W

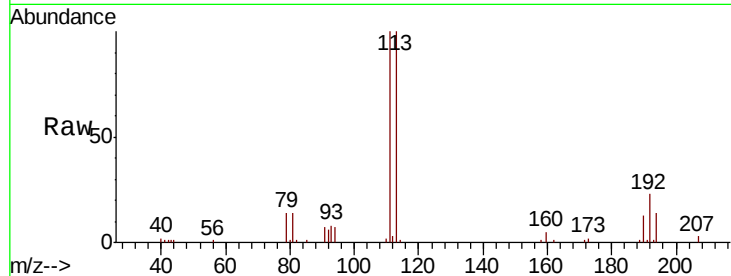
ClientSampleId :

EP2-SB-111(14-16)

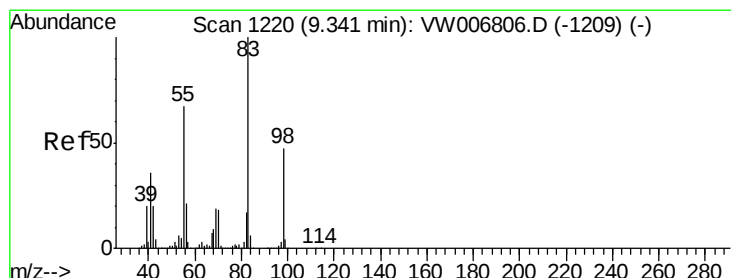
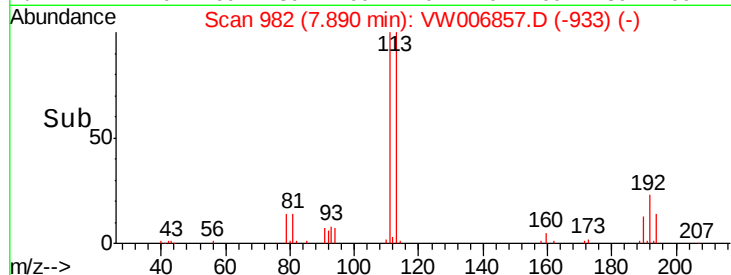
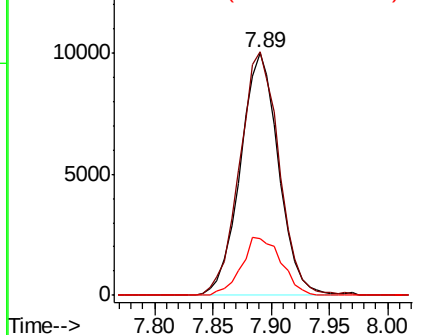
Tot Ion:	113	Resp:	22911
Ion Ratio	Lower	Upper	
113	100		
111	104.1	81.0	121.6
192	24.7	19.0	28.6

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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



#39

Methylcyclohexane

Concen: 13.982 ug/l

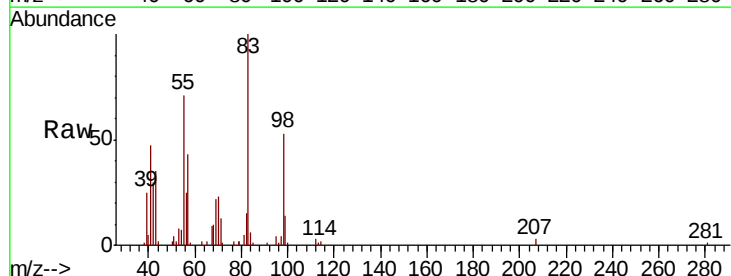
RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

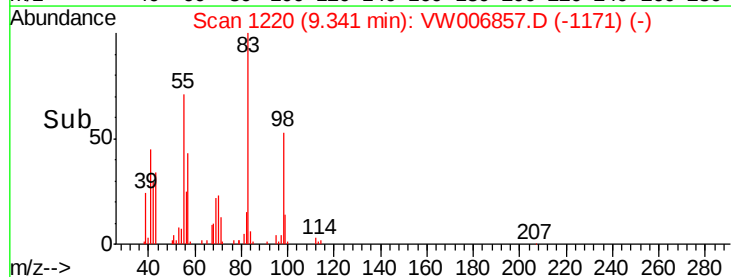
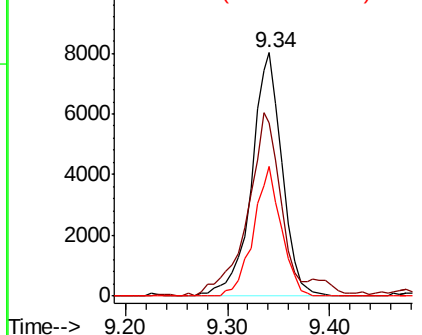
Lab File: VW006857.D

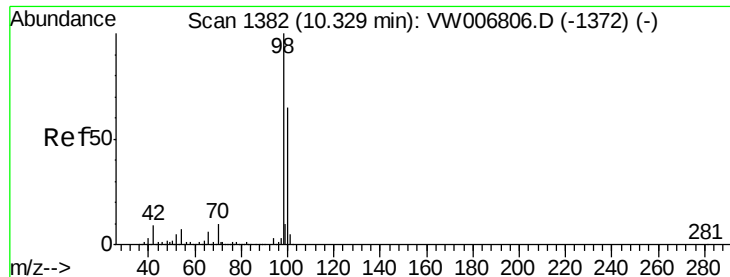
Acq: 13 Nov 2018 16:28

Tgt Ion:	83	Resp:	16738
Ion Ratio	Lower	Upper	
83	100		
55	69.6	53.3	79.9
98	53.3	37.9	56.9



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





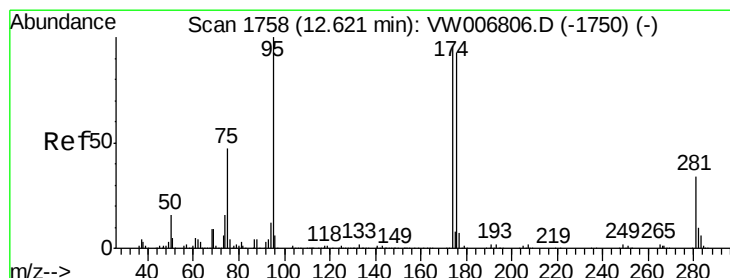
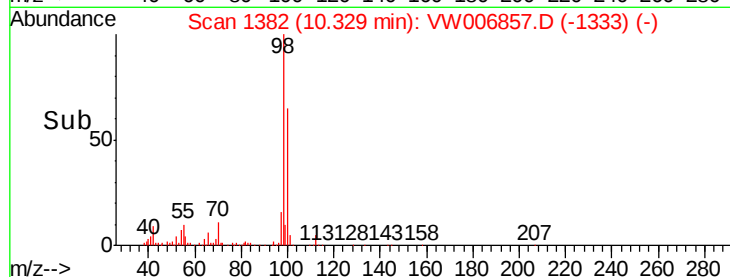
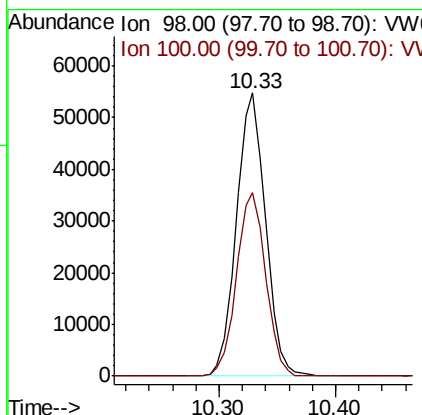
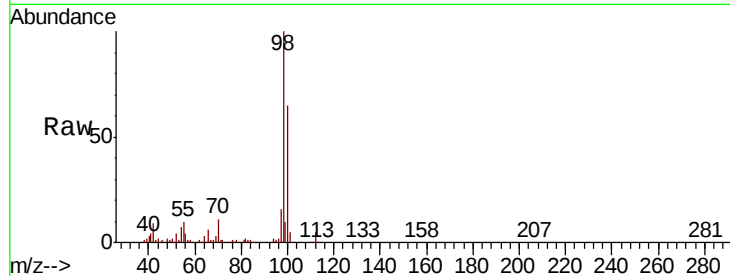
#50
Toluene-d8
Concen: 39.296 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006857.D
Acq: 13 Nov 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-111(14-16)

Tot Ion: 98 Resp: 95631
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.2

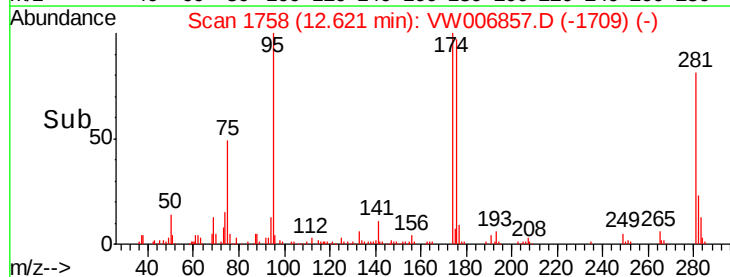
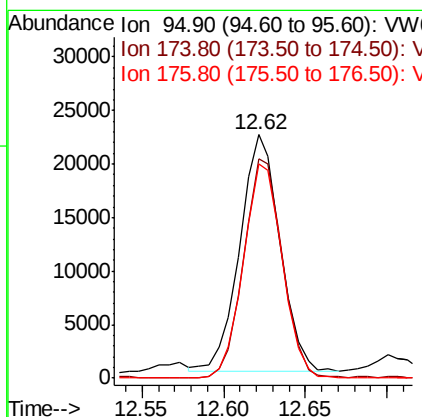
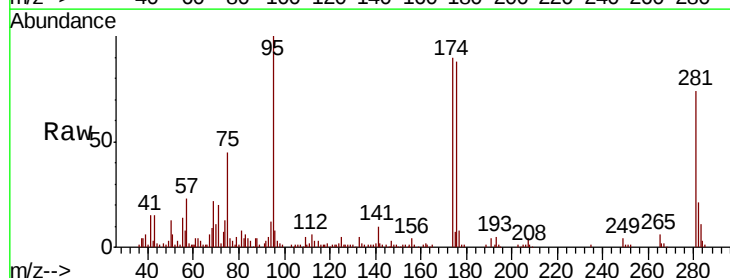
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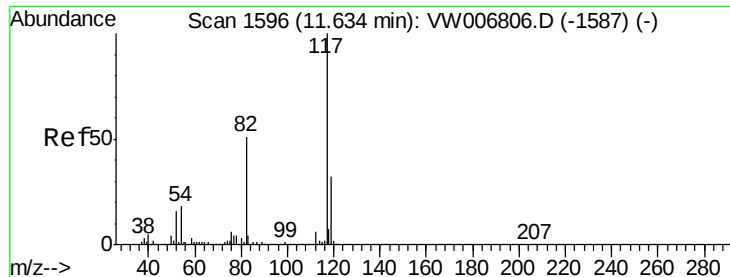
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#62
4-Bromofluorobenzene
Concen: 41.787 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006857.D
Acq: 13 Nov 2018 16:28

Tgt Ion: 95 Resp: 37455
Ion Ratio Lower Upper
95 100
174 90.5 0.0 196.6
176 88.3 0.0 191.6





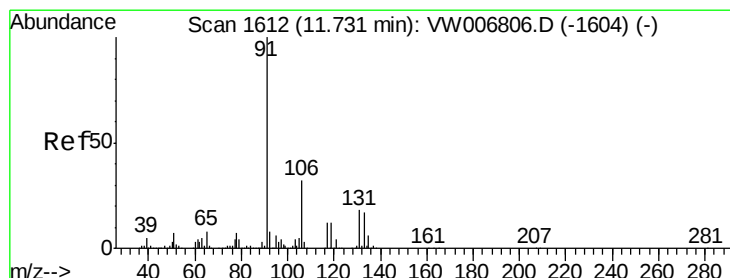
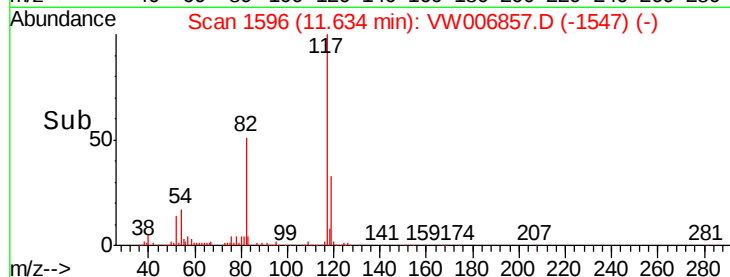
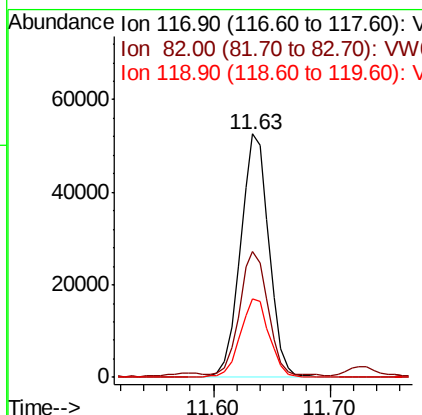
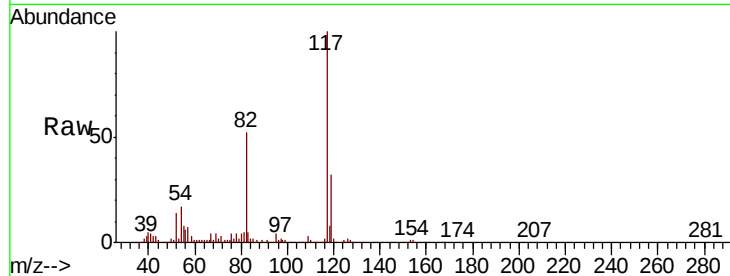
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006857.D
Acq: 13 Nov 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-111(14-16)

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.5	40.6	61.0
119	32.4	25.5	38.3

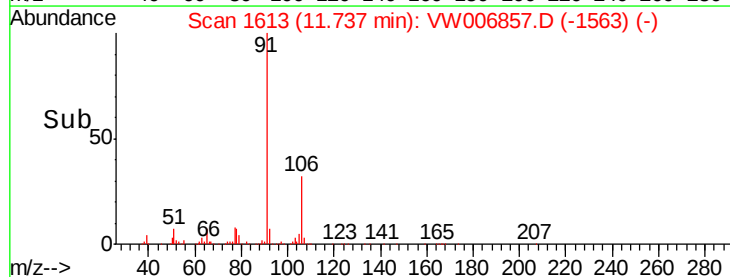
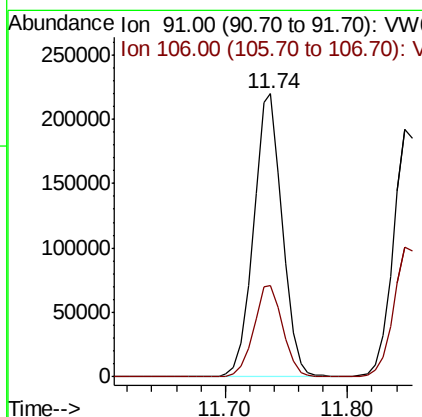
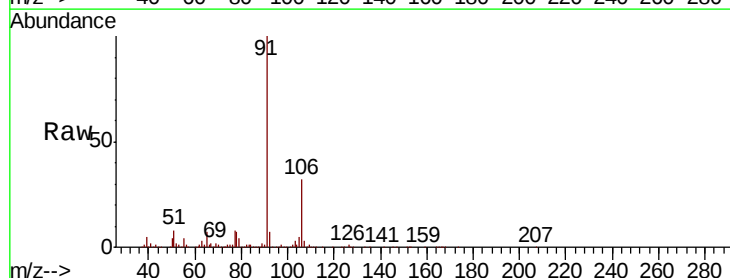
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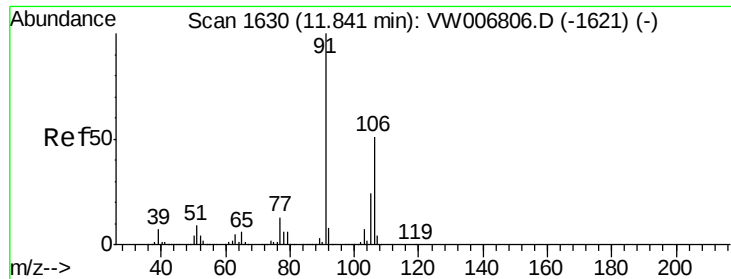
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#67
Ethyl Benzene
Concen: 105.353 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006857.D
Acq: 13 Nov 2018 16:28

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.2	25.4	38.0





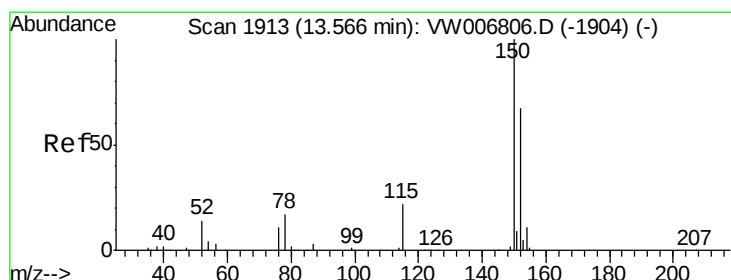
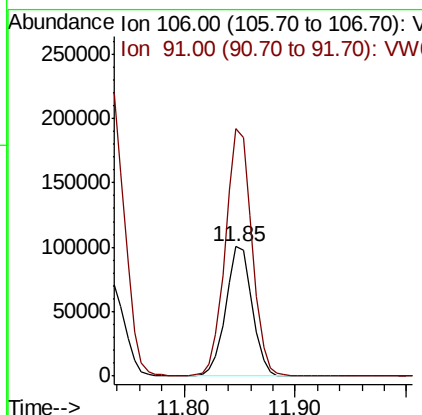
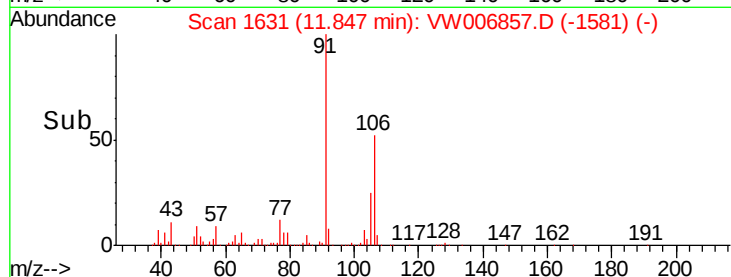
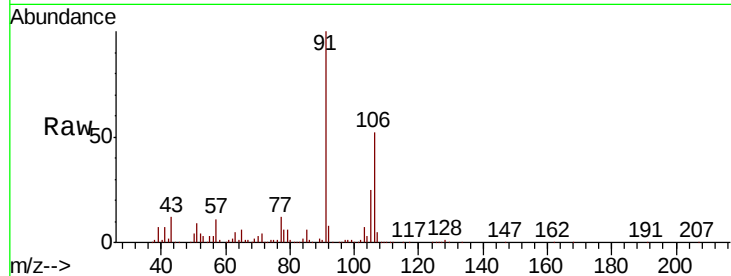
#68
m/p-Xvlenes
Concen: 118.169 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006857.D
Acq: 13 Nov 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-111(14-16)

Tot Ion:106 Resp: 163622
Ion Ratio Lower Upper
106 100
91 192.0 155.7 233.5

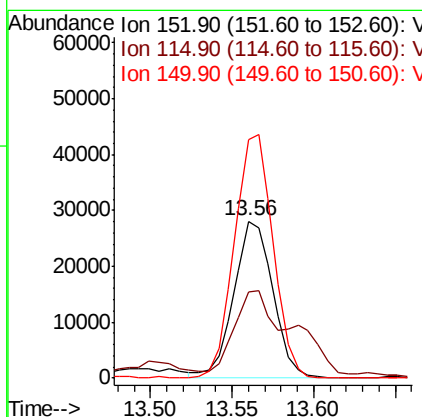
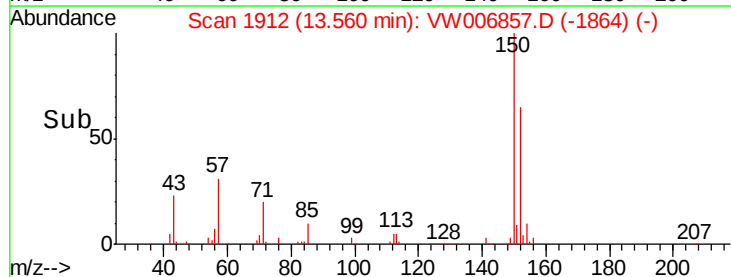
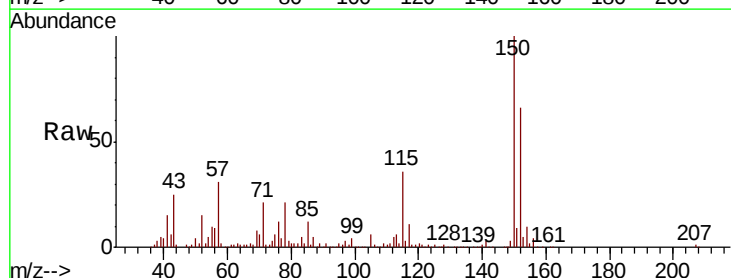
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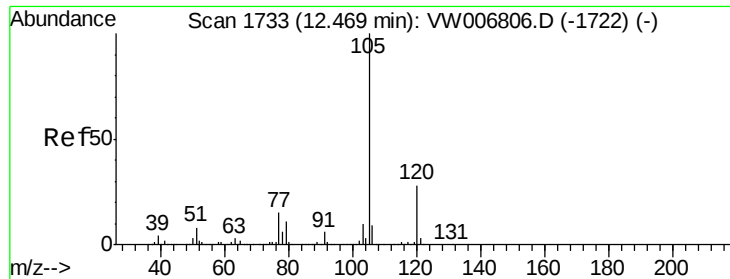
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006857.D
Acq: 13 Nov 2018 16:28

Tgt Ion:152 Resp: 46202
Ion Ratio Lower Upper
152 100
115 78.0 27.3 81.8
150 155.7 0.0 353.0





#73

Isopropylbenzene

Concen: 16.281 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006857.D

Acq: 13 Nov 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-111(14-16)

Tot Ion: 105 Resp: 52213

Ion Ratio Lower Upper

105 100

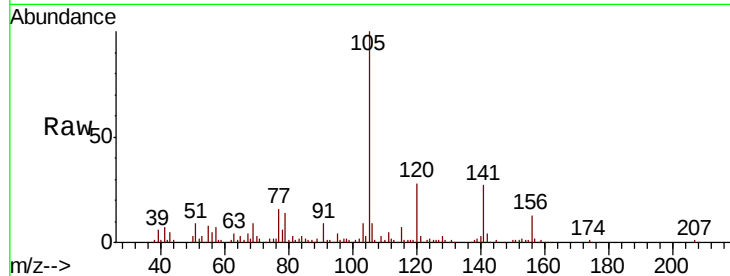
120 27.9 14.0 42.0

Manual Integrations

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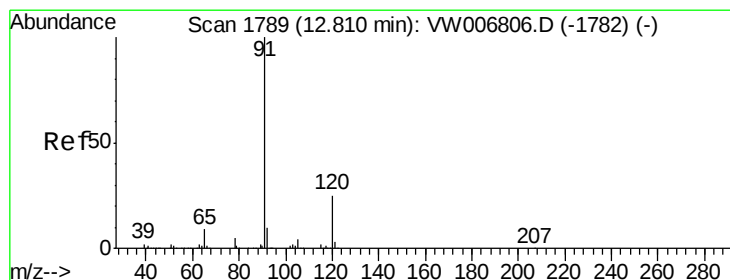
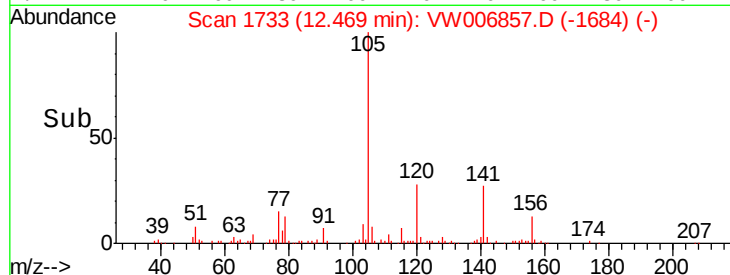
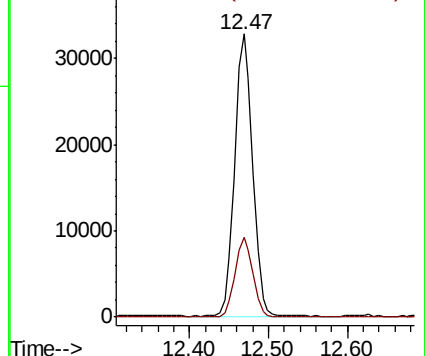
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 88.422 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006857.D

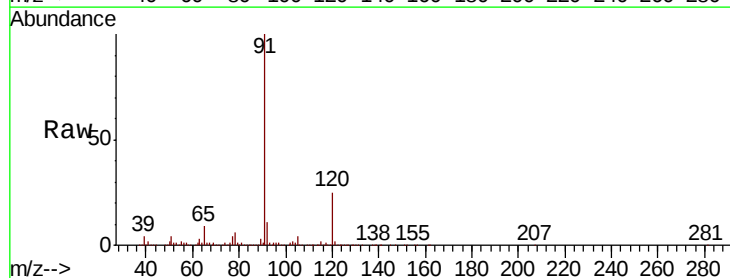
Acq: 13 Nov 2018 16:28

Tgt Ion: 91 Resp: 334685

Ion Ratio Lower Upper

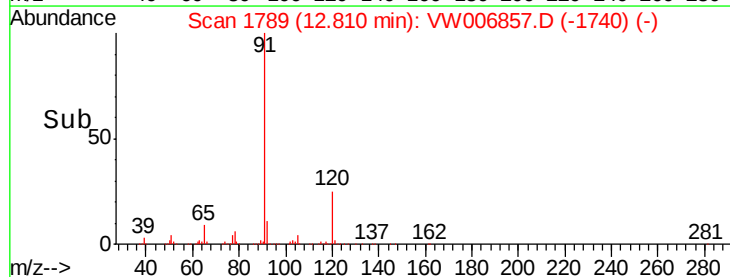
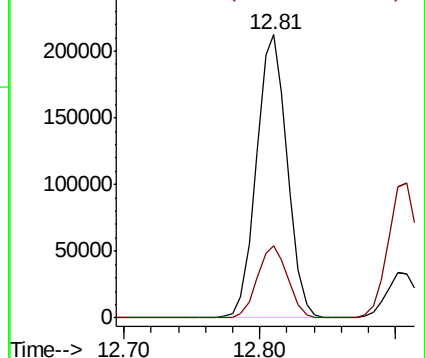
91 100

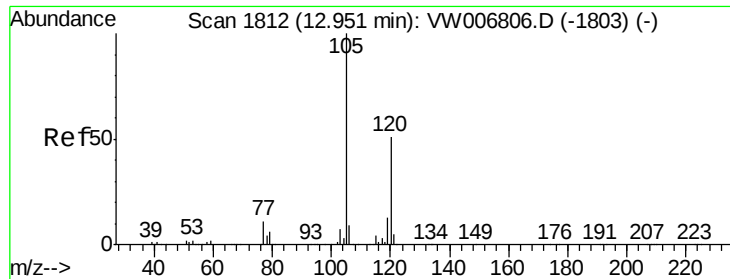
120 25.2 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





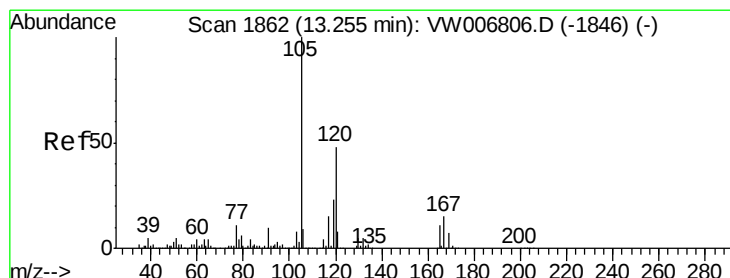
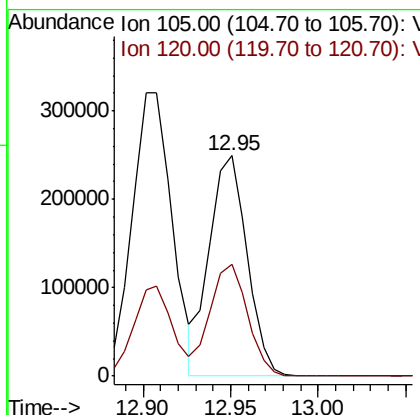
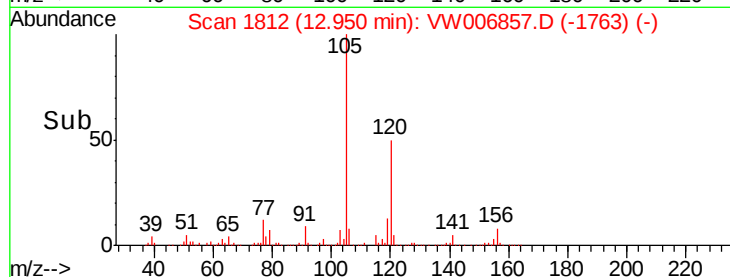
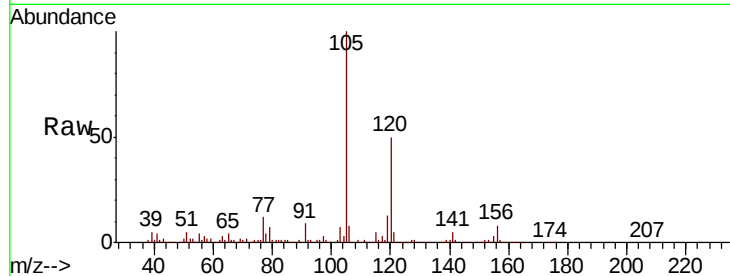
#80
 1,3,5-Trimethylbenzene
 Concen: 135.755 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006857.D
 Acq: 13 Nov 2018 16:28

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-111(14-16)

Tot Ion:105 Resp: 374274
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.3 75.9

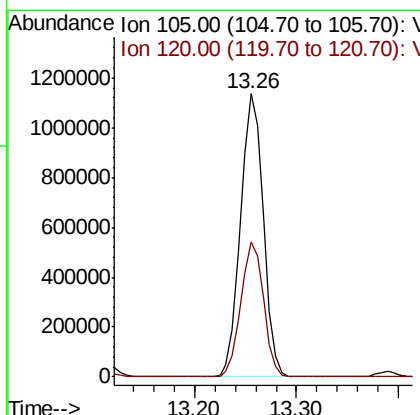
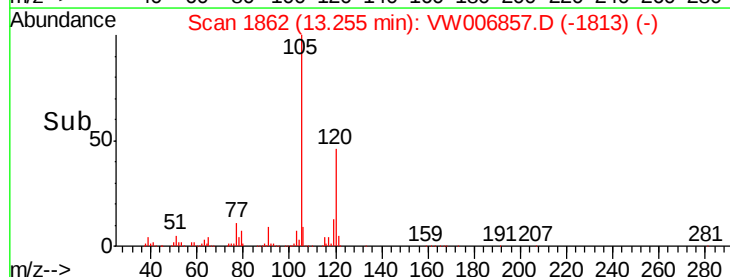
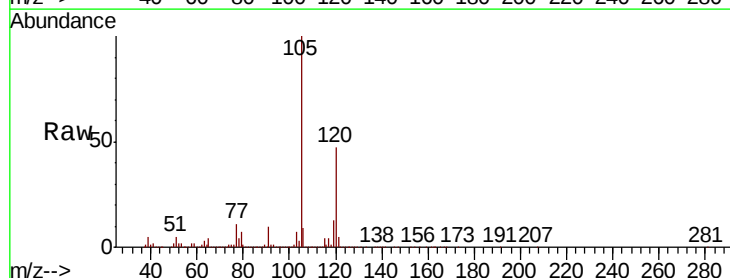
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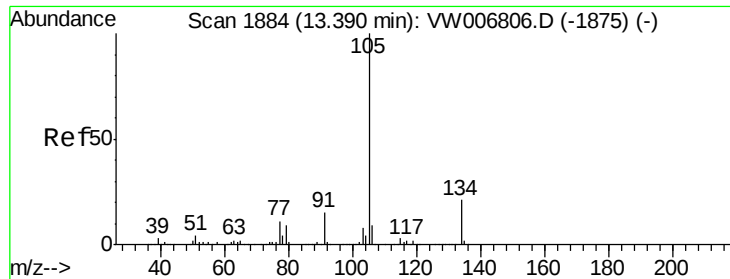
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 622.455 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006857.D
 Acq: 13 Nov 2018 16:28

Tgt Ion:105 Resp: 1746421
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.4 70.0





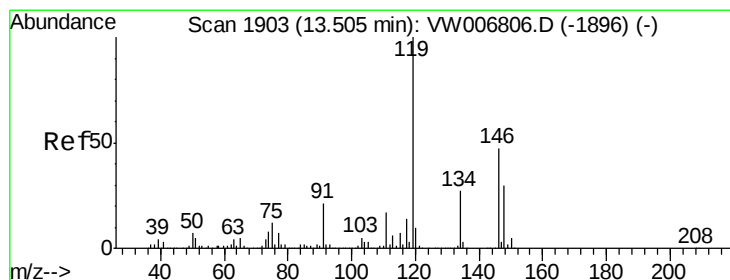
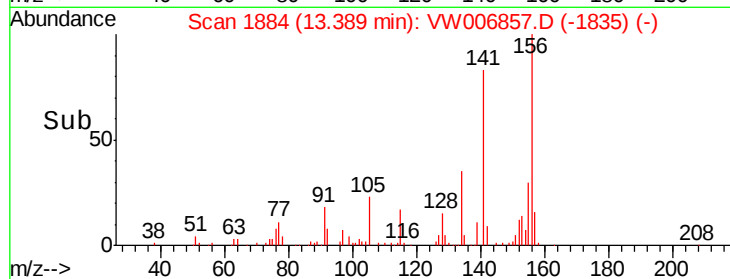
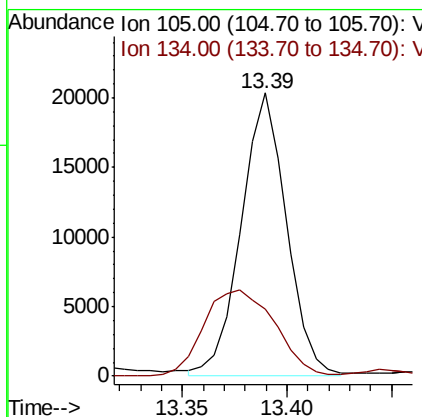
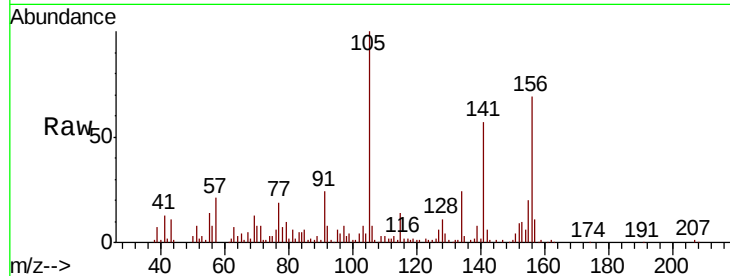
#85
 sec-Butylbenzene
 Concen: 8.858 ug/l m
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006857.D
 Acq: 13 Nov 2018 16:28

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-111(14-16)

Tot Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.7	31.9#

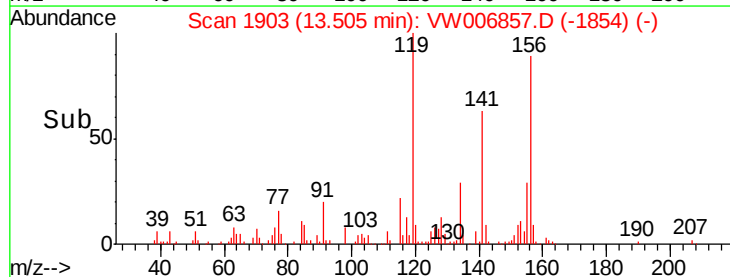
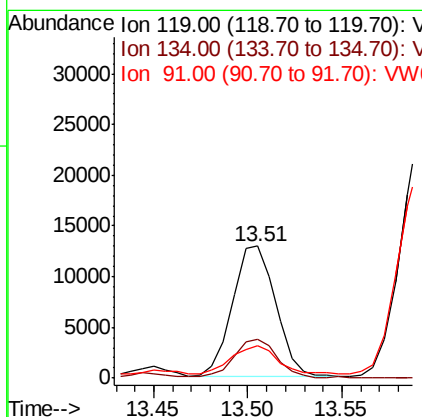
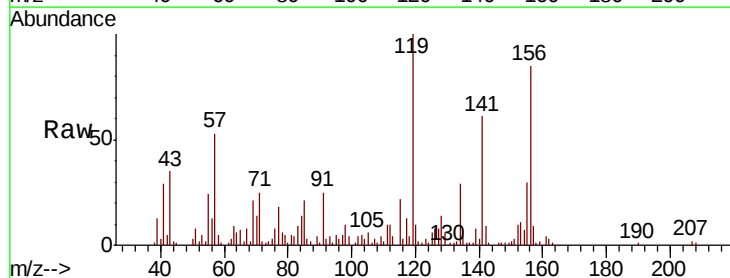
Manual Integrations
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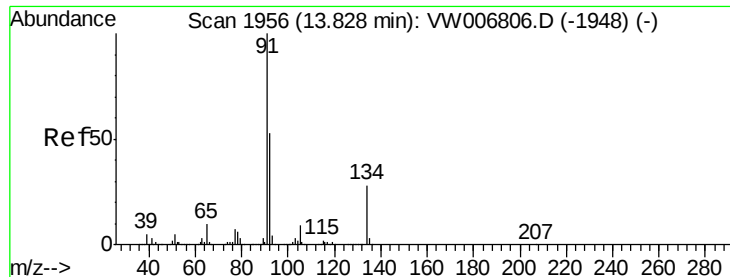
apatel
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#86
 p-Isopropyltoluene
 Concen: 6.552 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006857.D
 Acq: 13 Nov 2018 16:28

Tgt Ion	Ratio	Lower	Upper
119	100		
134	29.7	13.5	40.4
91	0.0	10.8	32.4#





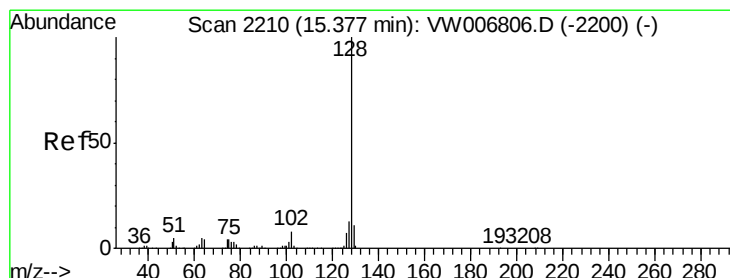
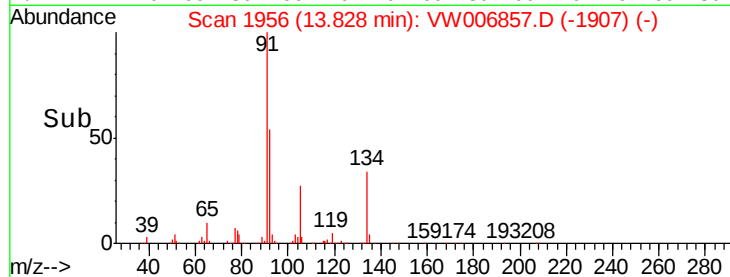
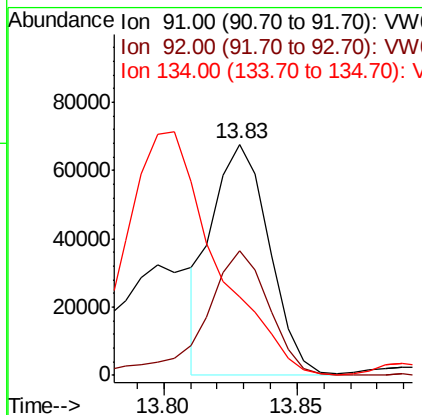
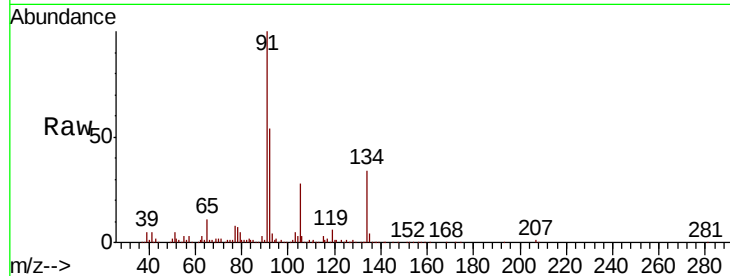
#89
n-Butylbenzene
Concen: 35.172 ug/l m
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006857.D
Acq: 13 Nov 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-111(14-16)

Tot Ion	Ratio	Lower	Upper
91	100		
92	59.9	26.5	79.4
134	0.0	14.4	43.2#

Manual Integrations
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#95
Naphthalene
Concen: 264.415 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006857.D
Acq: 13 Nov 2018 16:28

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.6	8.6	13.0

