

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006860.D
 Acq On : 13 Nov 2018 17:44
 Operator : SY/AP
 Sample : J5860-27
 Misc : 5.34G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-106(8.5-10.5)

Manual Integrations
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Quant Time: Nov 14 06:30:50 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	433535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	600777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	578226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	299902	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	131774	41.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.16%	
35) Dibromofluoromethane	7.89	113	147226	41.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.30%	
50) Toluene-d8	10.33	98	634209	42.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.54%	
62) 4-Bromofluorobenzene	12.62	95	232900	42.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.30%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	6998	15.375	ug/l #	88
20) Methylene Chloride	4.92	84	29998	2.278	ug/l	89
39) Methylcyclohexane	9.34	83	63981	8.772	ug/l	95
67) Ethyl Benzene	11.74	91	109864	5.024	ug/l	92
68) m/p-Xylenes	11.85	106	34668	3.875	ug/l	100
73) Isopropylbenzene	12.47	105	52032	2.499	ug/l	98
78) n-propylbenzene	12.81	91	270551	11.012	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	117832	6.584	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	411997	22.622	ug/l	99
85) sec-Butylbenzene	13.39	105	25371	1.132	ug/l #	39
89) n-Butylbenzene	13.83	91	85581m	4.593	ug/l	
95) Naphthalene	15.38	128	135132	12.847	ug/l	99

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

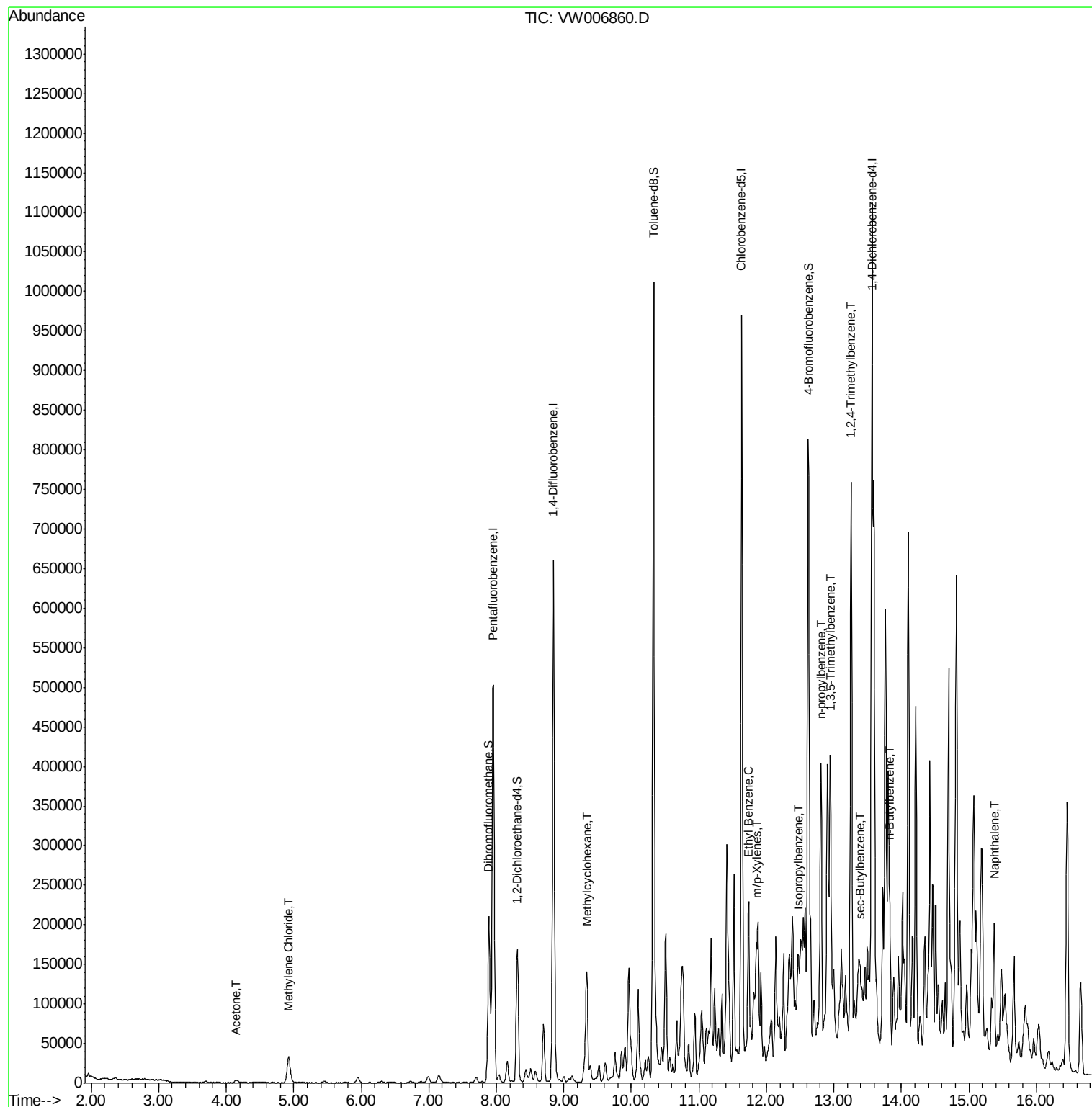
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
Data File : VW006860.D
Acq On : 13 Nov 2018 17:44
Operator : SY/AP
Sample : J5860-27
Misc : 5.34G/5ML/MSVOA W/SOIL
ALS Vial : 17 Sample Multiplier: 1

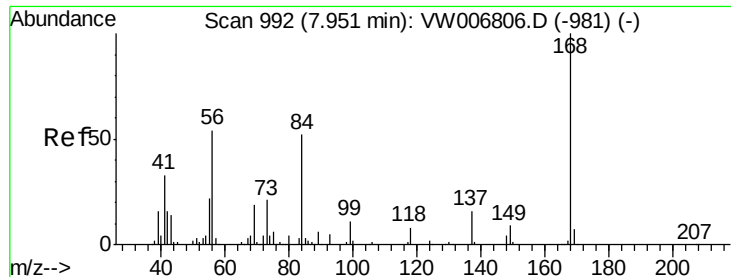
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-106(8.5-10.5)

Manual Integrations
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Quant Time: Nov 14 06:30:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 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: VW006860.D

Acq: 13 Nov 2018 17:44

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-106(8.5-10.5)

Tot Ion:168 Resp: 433535

Ion Ratio Lower Upper

168 100

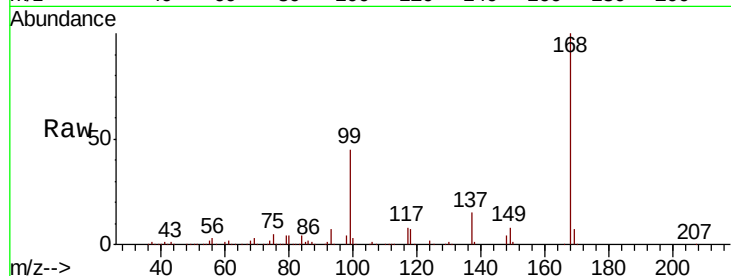
99 44.7 37.3 55.9

Manual Integrations

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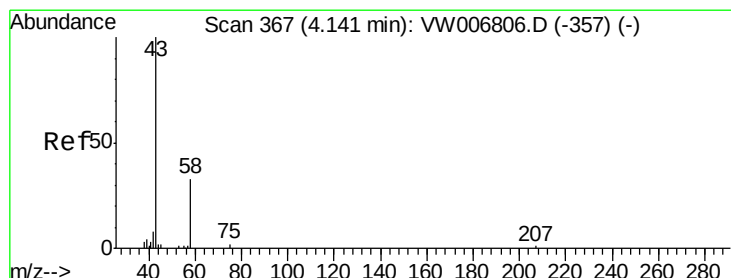
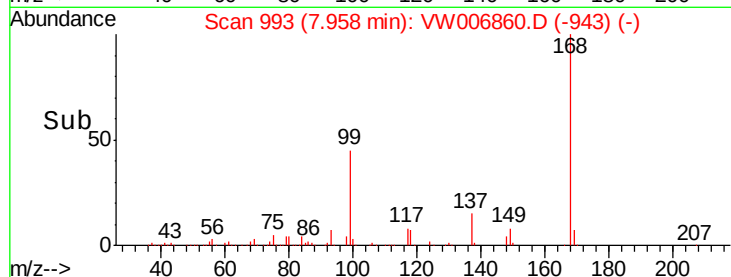
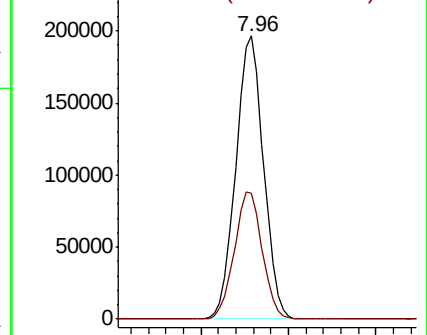
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 15.375 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006860.D

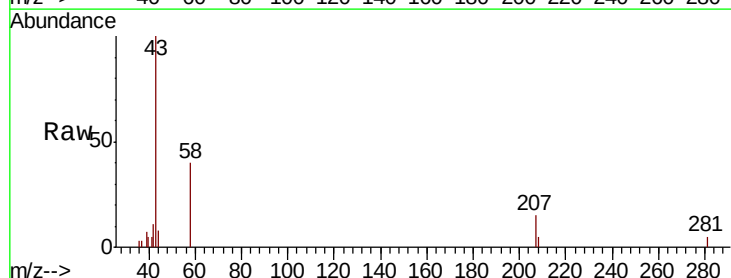
Acq: 13 Nov 2018 17:44

Tgt Ion: 43 Resp: 6998

Ion Ratio Lower Upper

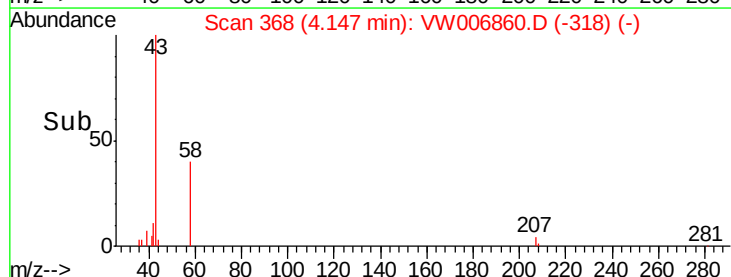
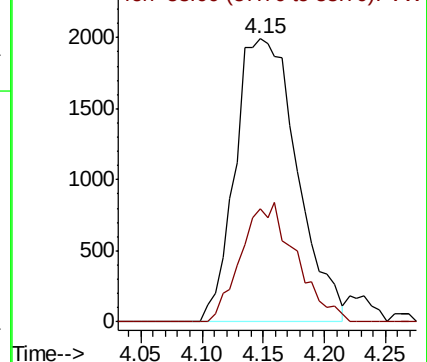
43 100

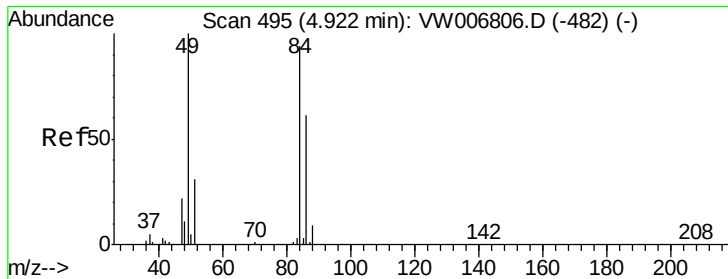
58 40.0 26.5 39.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





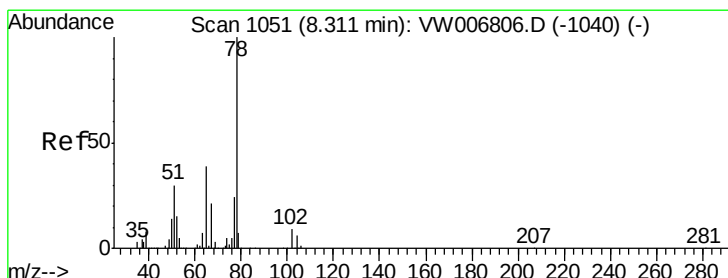
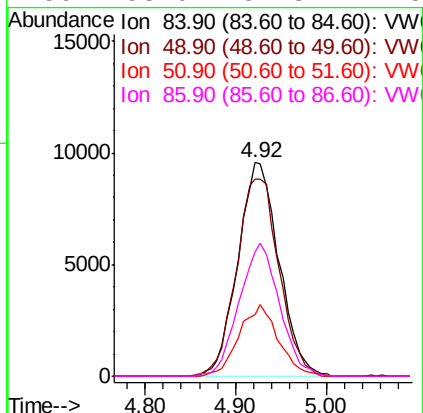
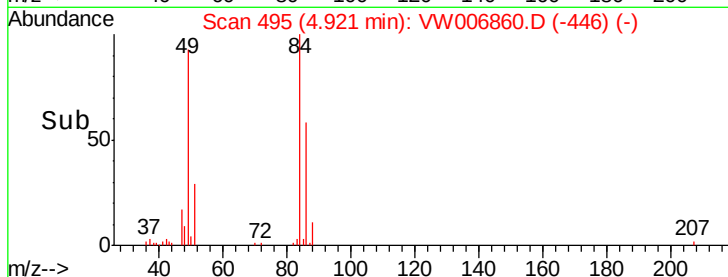
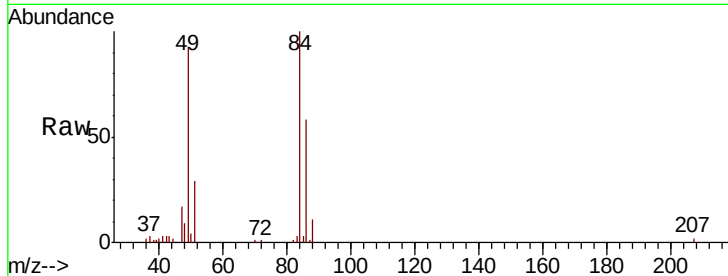
#20
Methvlene Chloride
Concen: 2.278 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006860.D
Acq: 13 Nov 2018 17:44

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-106(8.5-10.5)

Tot Ion	Ratio	Lower	Upper
84	100		
49	92.5	84.8	127.2
51	29.0	26.2	39.4
86	58.0	51.8	77.8

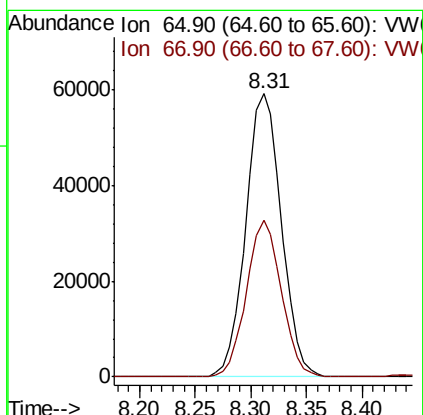
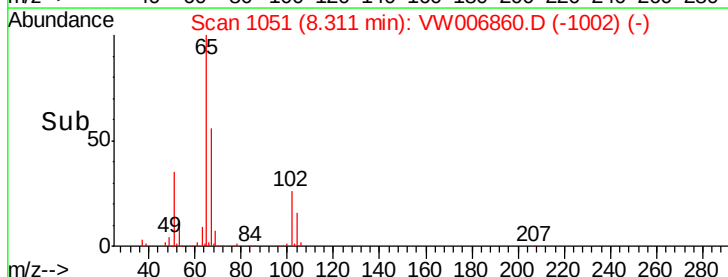
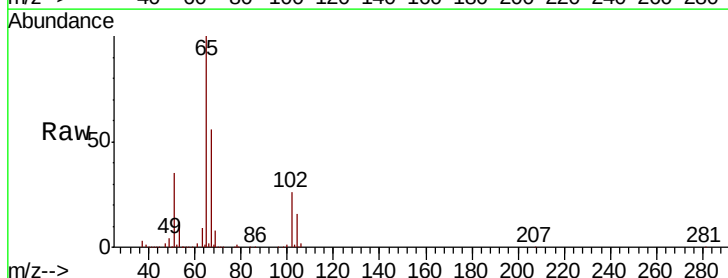
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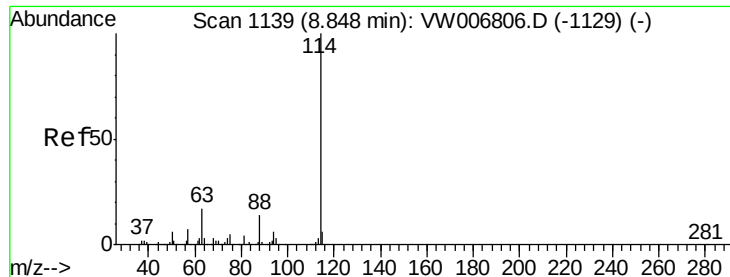
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#33
1,2-Dichloroethane-d4
Concen: 41.579 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006860.D
Acq: 13 Nov 2018 17:44

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	104.4





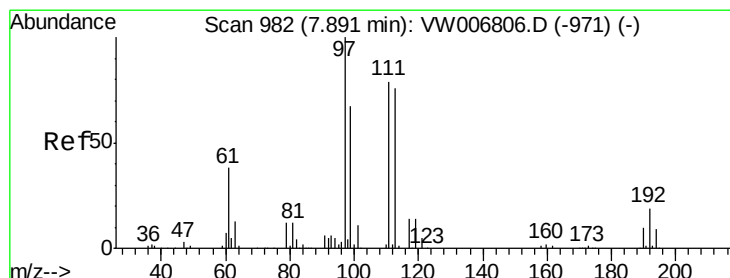
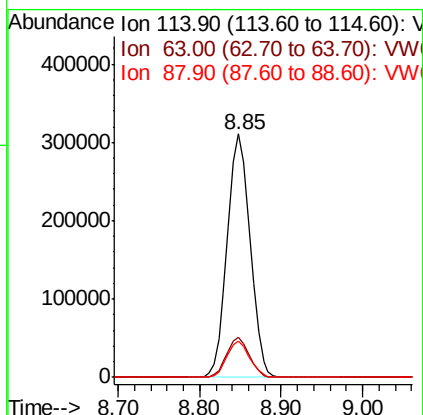
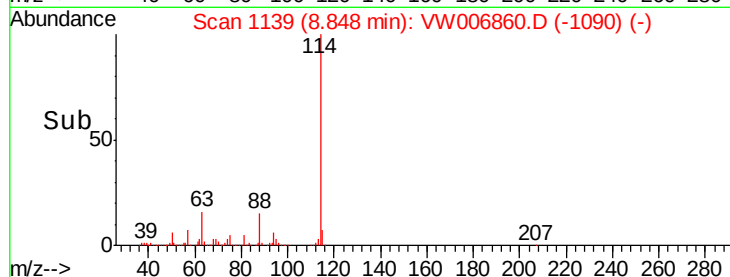
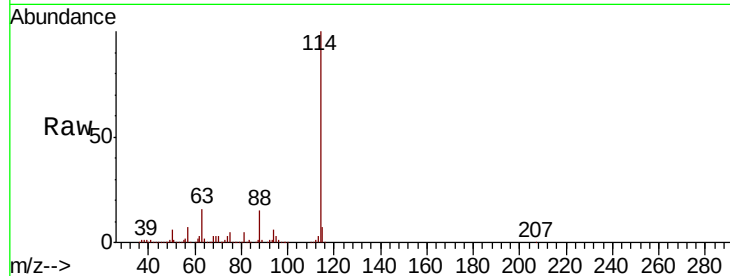
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006860.D
 Acq: 13 Nov 2018 17:44

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-106(8.5-10.5)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	600777		
63	16.4		0.0	33.6
88	14.7		0.0	28.4

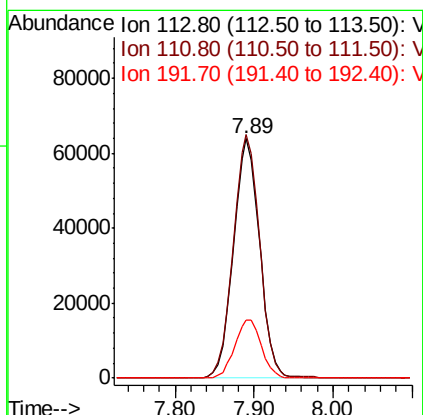
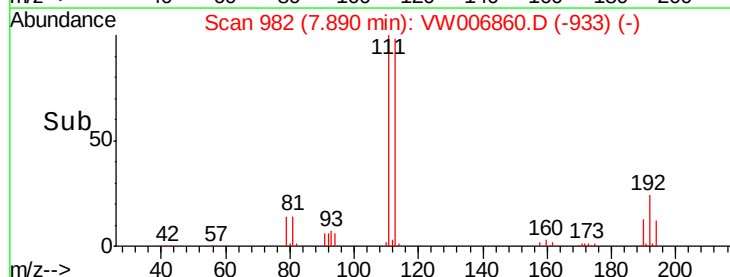
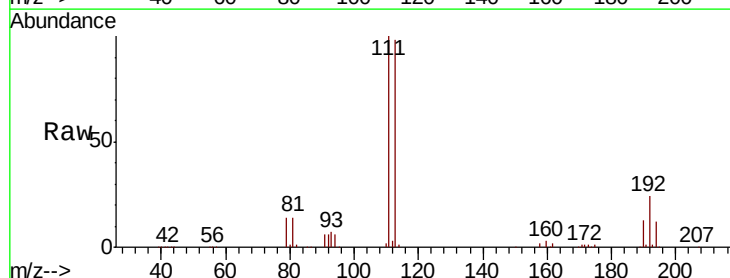
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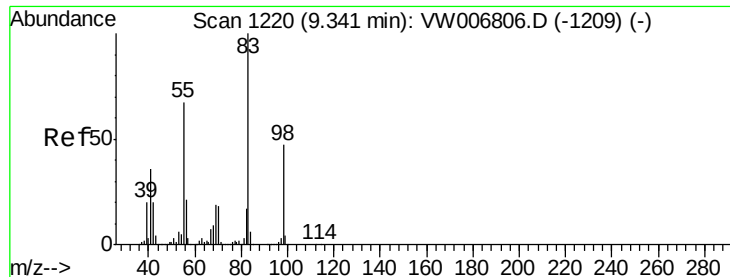
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#35
 Dibromofluoromethane
 Concen: 41.154 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006860.D
 Acq: 13 Nov 2018 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	147226		
111	102.5		81.0	121.6
192	24.9		19.0	28.6





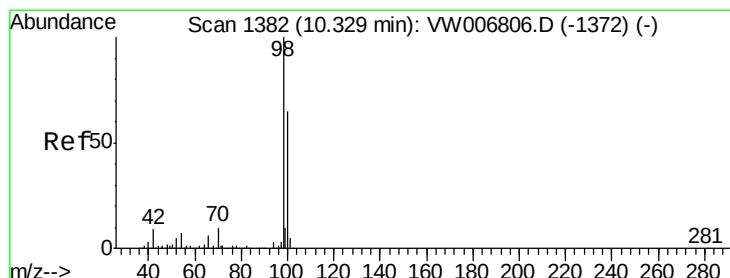
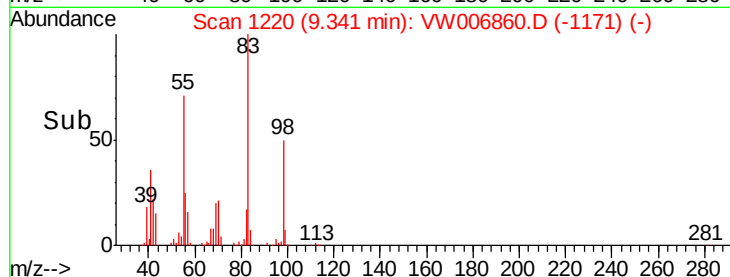
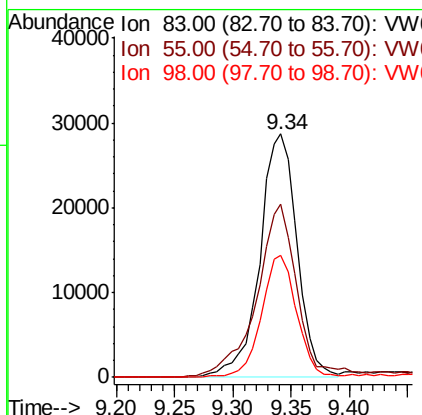
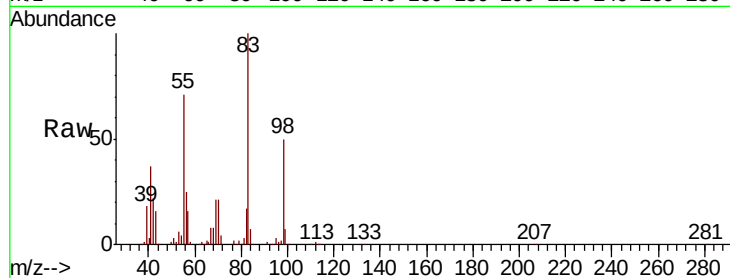
#39
Methylvlcyclohexane
Concen: 8.772 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006860.D
Acq: 13 Nov 2018 17:44

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-106(8.5-10.5)

Tot Ion	83	Resp	63981
Ion Ratio	100	Lower	Upper
83	100		
55	70.6	53.3	79.9
98	50.3	37.9	56.9

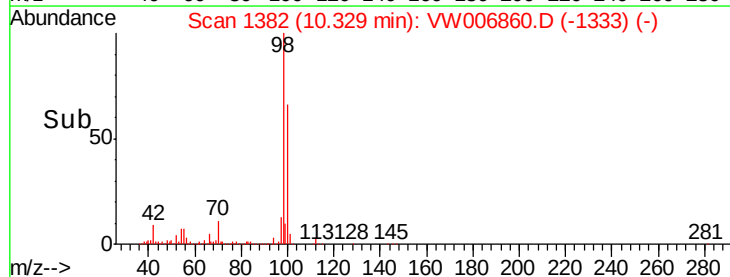
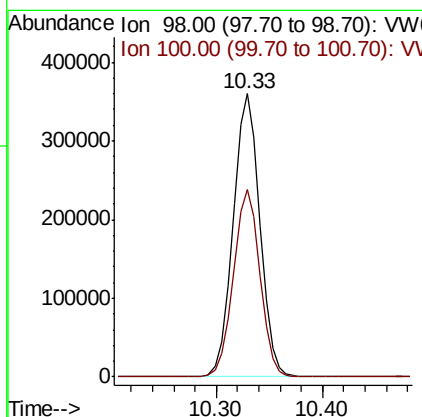
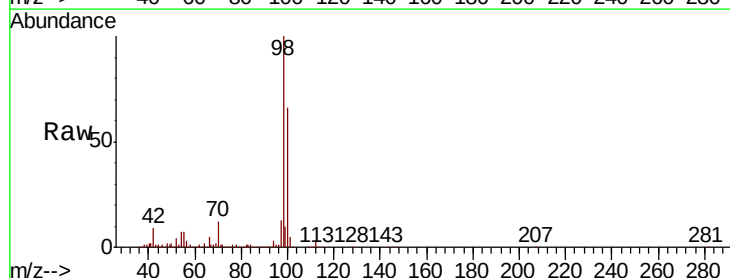
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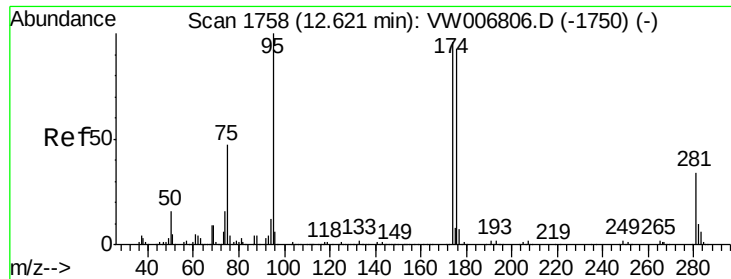
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#50
Toluene-d8
Concen: 42.771 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006860.D
Acq: 13 Nov 2018 17:44

Tgt Ion	98	Resp	634209
Ion Ratio	100	Lower	Upper
98	100		
100	65.5	51.4	77.2





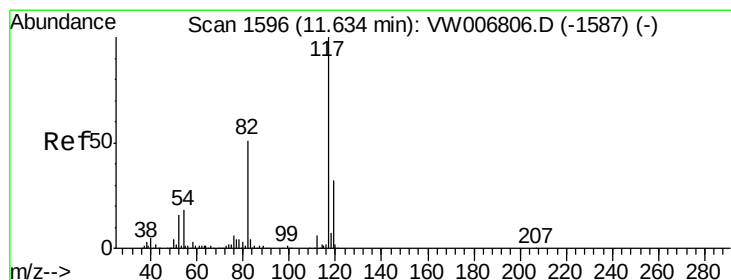
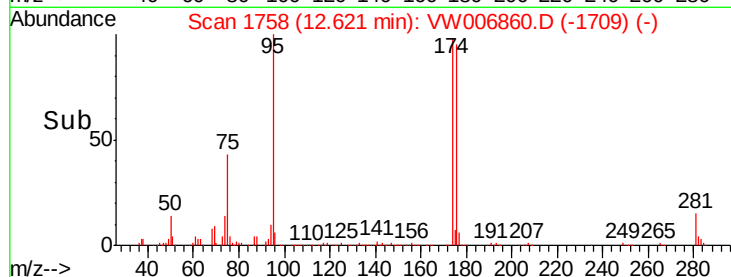
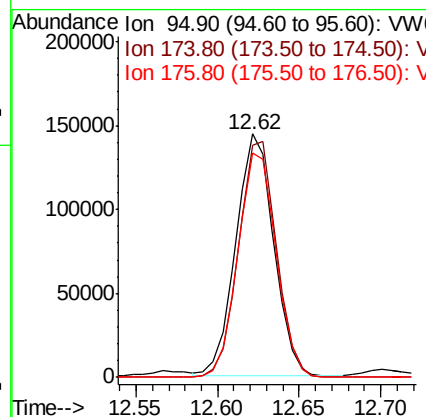
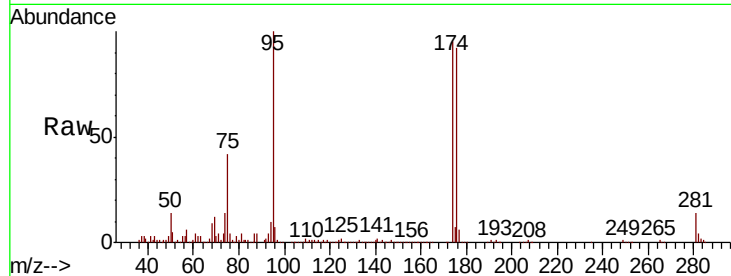
#62
4-Bromofluorobenzene
Concen: 42.645 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006860.D
Acq: 13 Nov 2018 17:44

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-106(8.5-10.5)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	232900		
174	97.5	0.0	196.6	
176	93.8	0.0	191.6	

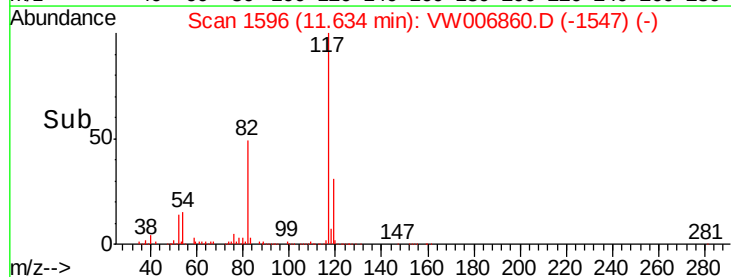
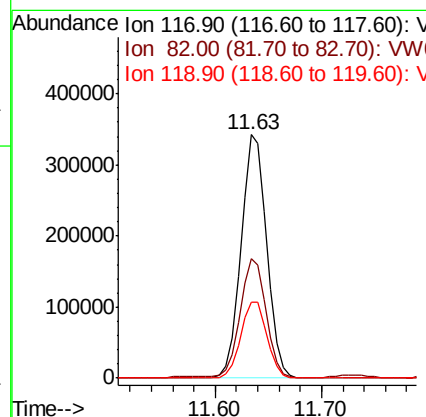
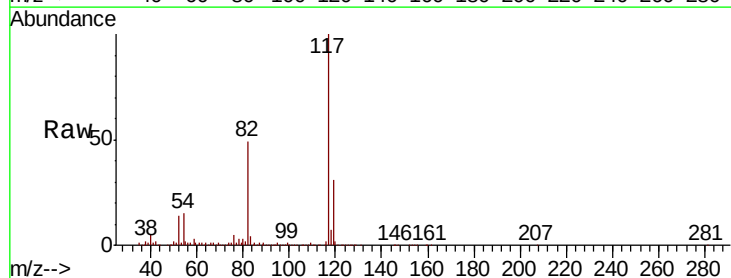
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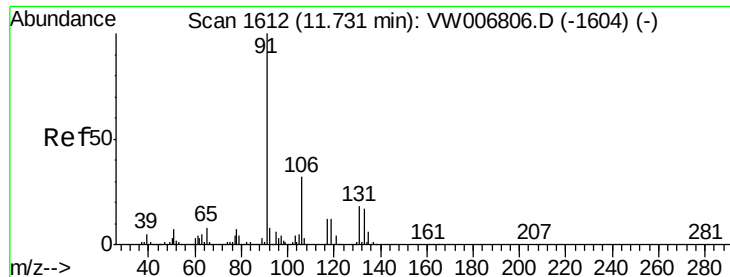
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006860.D
Acq: 13 Nov 2018 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	578226		
82	48.6	40.6	61.0	
119	31.1	25.5	38.3	





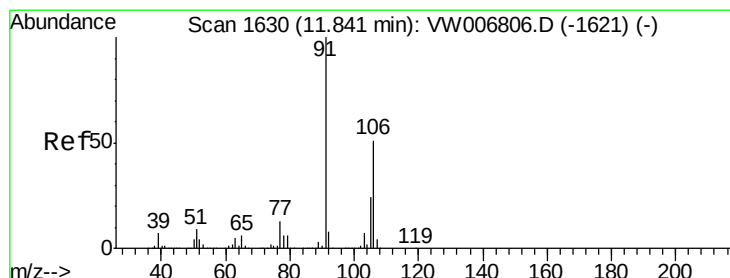
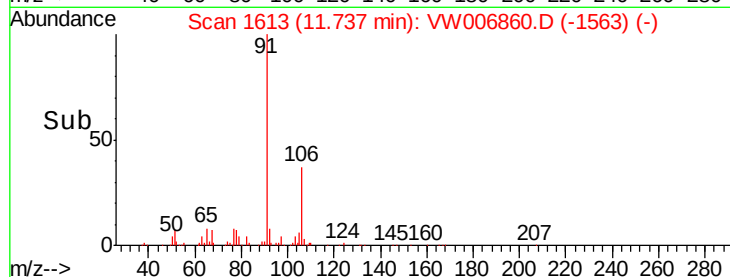
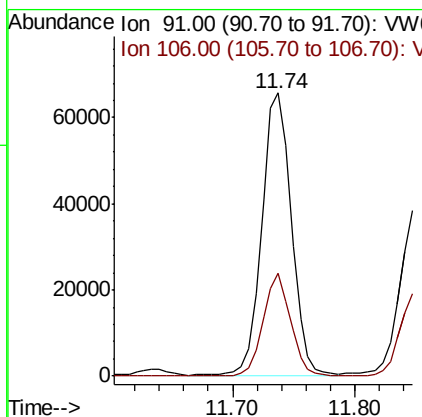
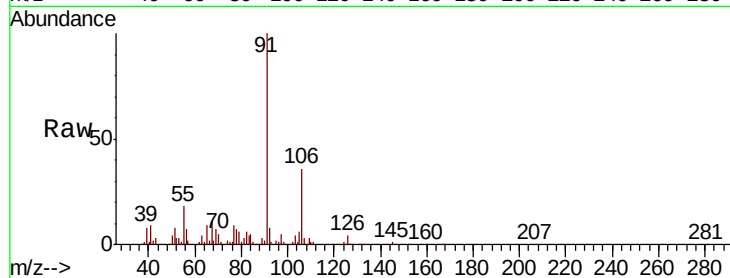
#67
Ethyl Benzene
Concen: 5.024 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006860.D
Acq: 13 Nov 2018 17:44

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-106(8.5-10.5)

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	36.3	25.4	38.0	

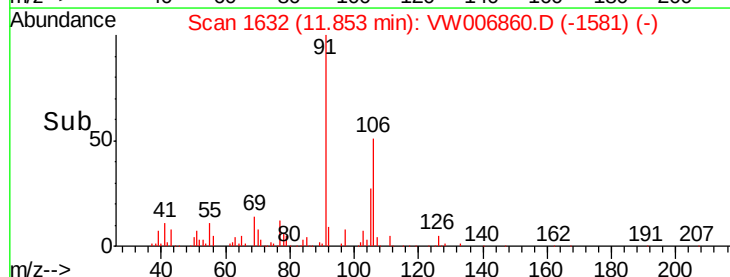
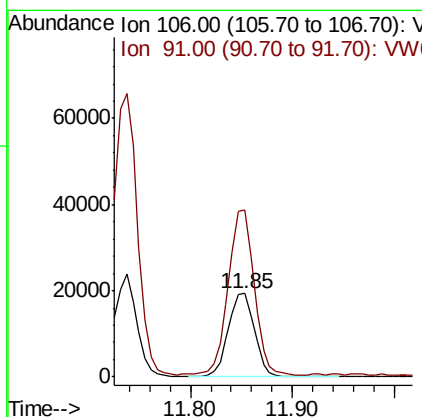
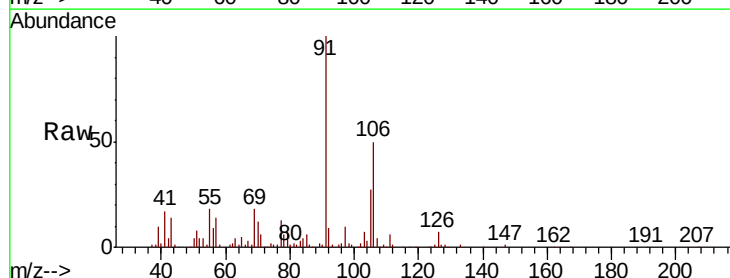
Manual Integrations
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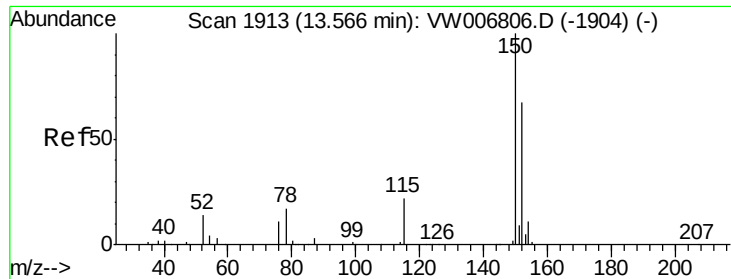
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#68
m/p-Xylenes
Concen: 3.875 ug/l
RT: 11.85 min Scan# 1632
Delta R.T. 0.01 min
Lab File: VW006860.D
Acq: 13 Nov 2018 17:44

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	194.7	155.7	233.5	





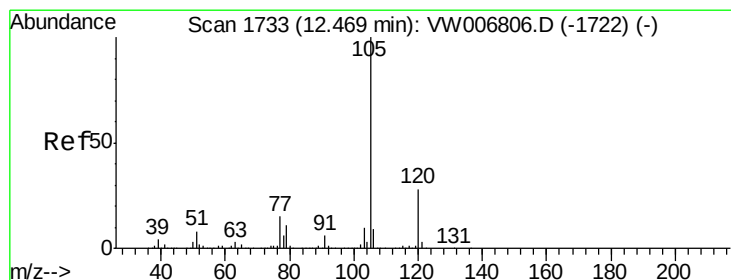
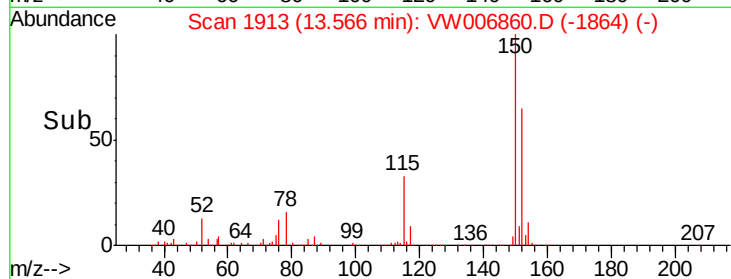
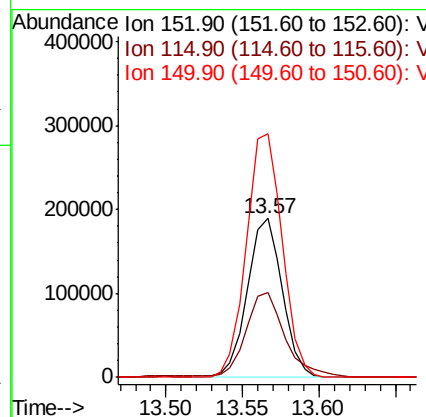
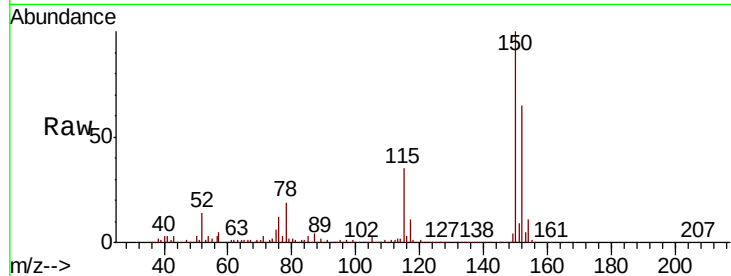
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW006860.D
 Acq: 13 Nov 2018 17:44

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-106(8.5-10.5)

Tot Ion	Ratio	Resp	Lower	Upper
152	100	299902		
115	58.6	27.3	81.8	
150	157.9	0.0	353.0	

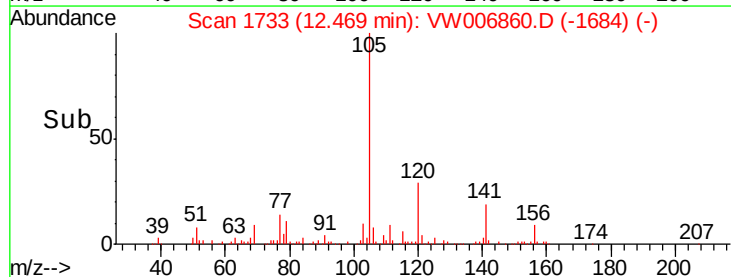
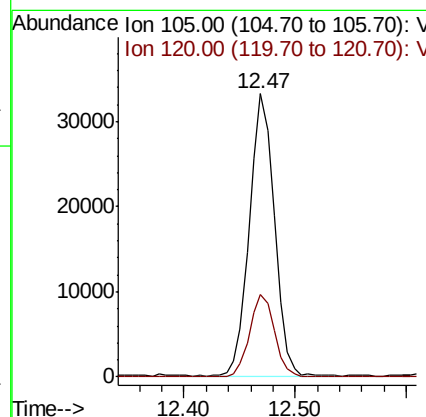
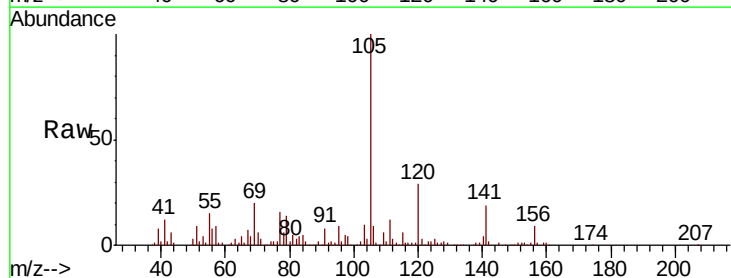
Manual Integrations
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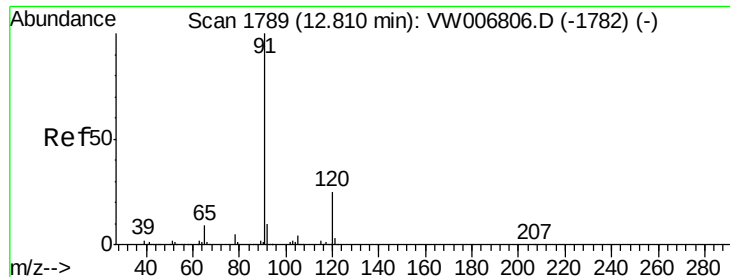
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#73
 Isopropylbenzene
 Concen: 2.499 ug/l
 RT: 12.47 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: VW006860.D
 Acq: 13 Nov 2018 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	52032		
120	29.1	14.0	42.0	





#78

n-propylbenzene

Concen: 11.012 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006860.D

Acq: 13 Nov 2018 17:44

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-106(8.5-10.5)

Tot Ion: 91 Resp: 270551

Ion Ratio Lower Upper

91 100

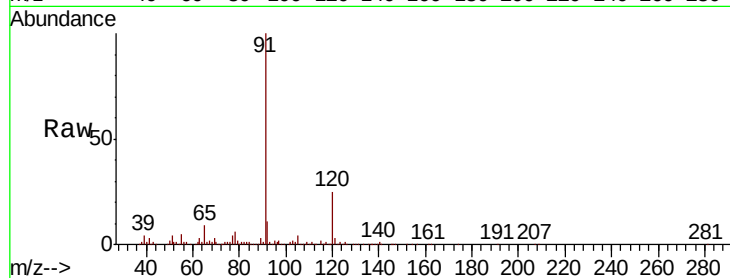
120 25.4 12.4 37.4

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

200000

150000

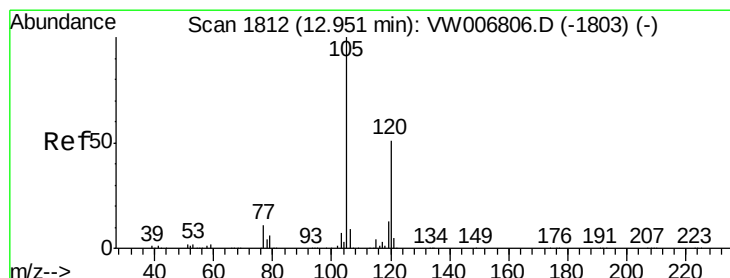
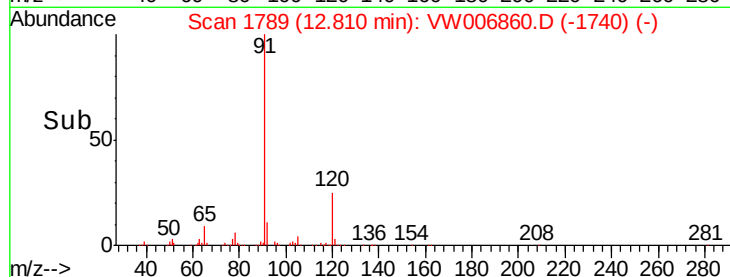
100000

50000

0

12.75 12.80 12.85

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 6.584 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006860.D

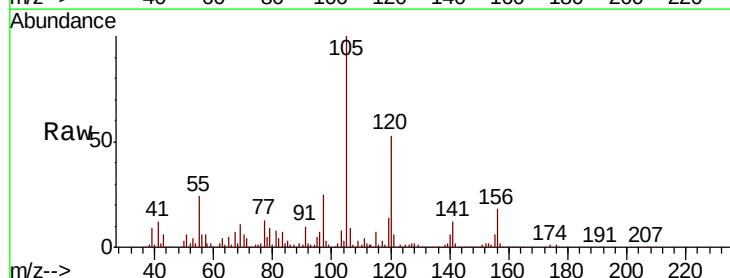
Acq: 13 Nov 2018 17:44

Tgt Ion:105 Resp: 117832

Ion Ratio Lower Upper

105 100

120 52.0 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

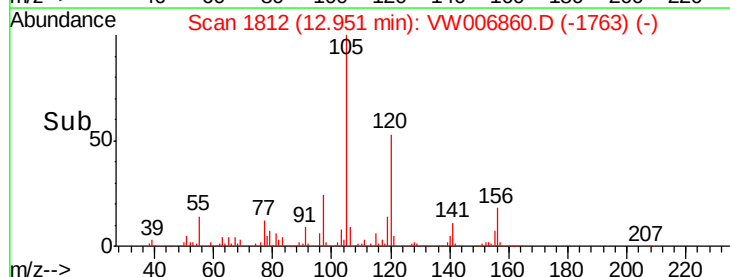
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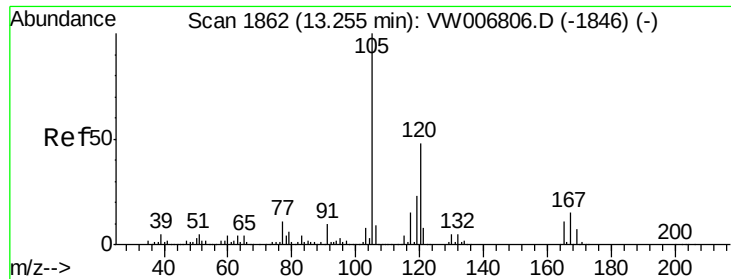
50000

0

12.90 12.95 13.00

Time-->





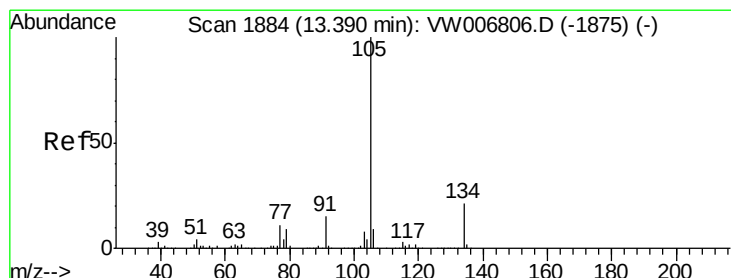
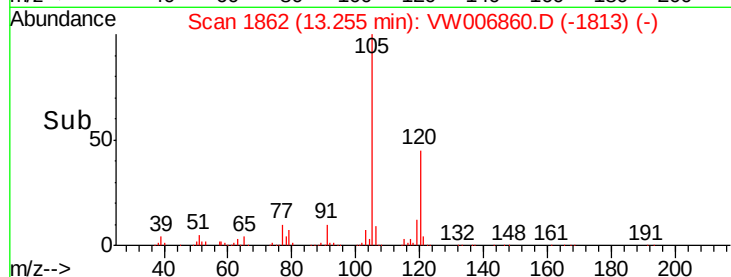
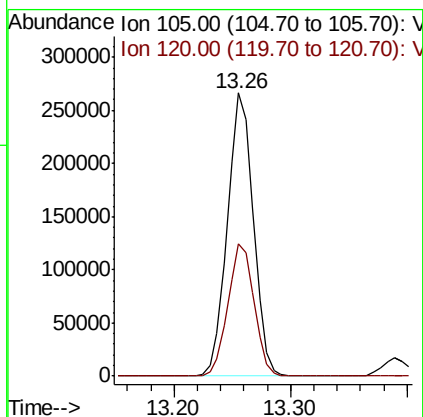
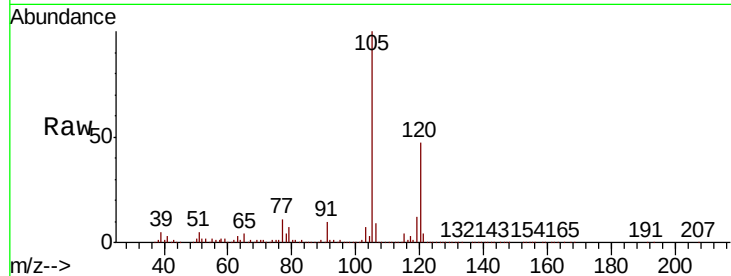
#84
1,2,4-Trimethylbenzene
Concen: 22.622 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006860.D
Acq: 13 Nov 2018 17:44

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-106(8.5-10.5)

Tot Ion:105 Resp: 411997
Ion Ratio Lower Upper
105 100
120 47.1 23.4 70.0

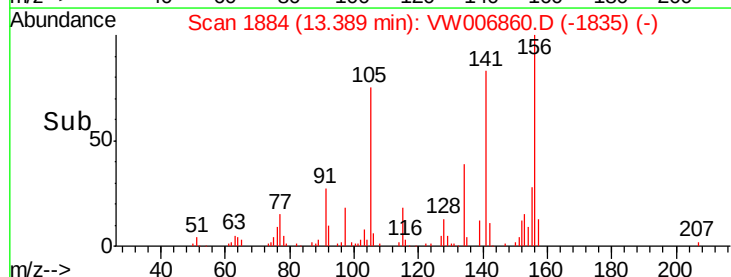
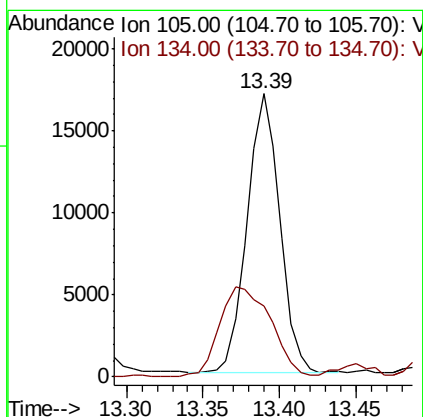
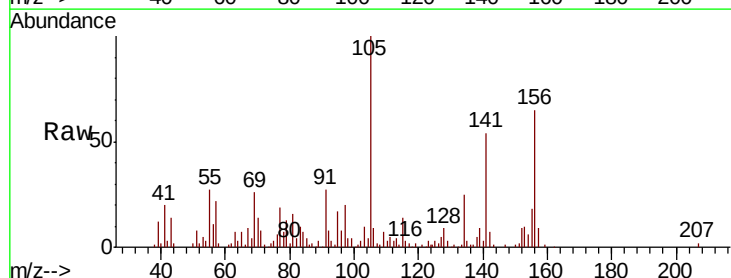
Manual Integrations
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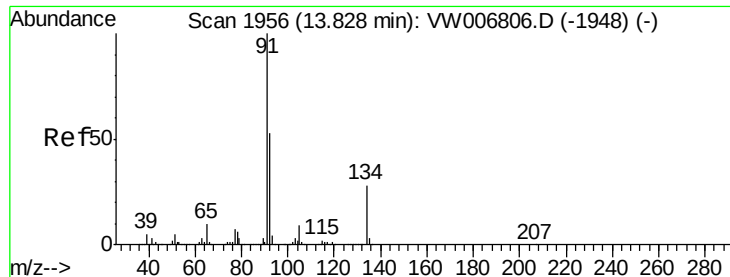
apatel
11/14/2018 4:32:51 PM



#85
sec-Butylbenzene
Concen: 1.132 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW006860.D
Acq: 13 Nov 2018 17:44

Tgt Ion:105 Resp: 25371
Ion Ratio Lower Upper
105 100
134 50.2 10.7 31.9#





#89

n-Butylbenzene

Concen: 4.593 ug/l m

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006860.D

Acq: 13 Nov 2018 17:44

Instrument :

MSVOA_W

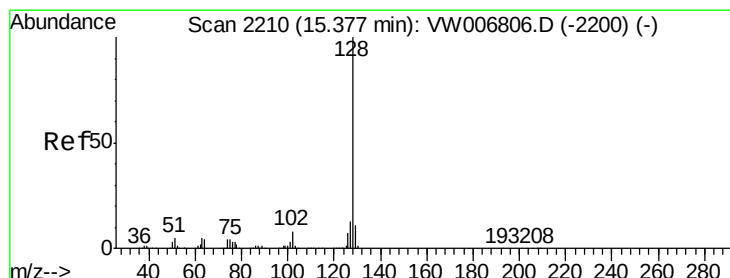
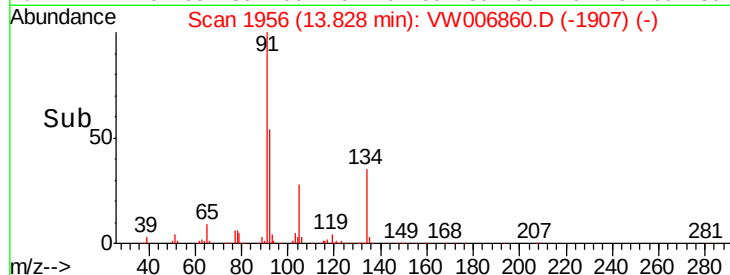
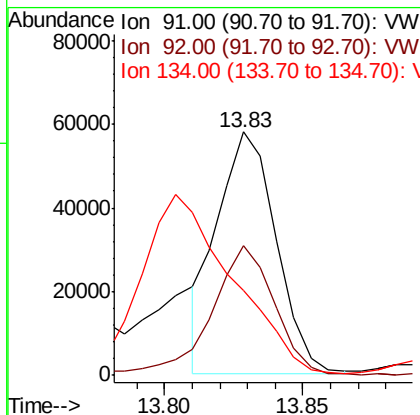
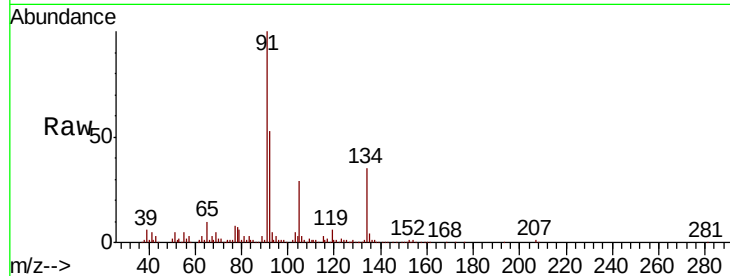
ClientSampleId :

EP2-SB-106(8.5-10.5)

Tot Ion:	91	Resp:	85581
Ion Ratio	Lower	Upper	
91	100		
92	56.2	26.5	79.4
134	0.0	14.4	43.2#

Manual Integrations
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#95

Naphthalene

Concen: 12.847 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006860.D

Acq: 13 Nov 2018 17:44

Tgt Ion:	128	Resp:	135132
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	11.2	8.6	13.0

