

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006871.D
 Acq On : 13 Nov 2018 22:25
 Operator : SY/AP
 Sample : J5860-17
 Misc : 4.77G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-108(14-16)

Manual Integrations
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Quant Time: Nov 14 07:19:43 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	7.95	168	411567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	539202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	547321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	299193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	111666	37.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.22%	
35) Dibromofluoromethane	7.89	113	122129	38.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.08%	
50) Toluene-d8	10.33	98	533602	40.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.20%	
62) 4-Bromofluorobenzene	12.62	95	212628	43.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.76%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	7168	16.589	ug/l	98
20) Methylene Chloride	4.92	84	36699	4.610	ug/l	94
39) Methylcyclohexane	9.34	83	58654	8.960	ug/l	99
67) Ethyl Benzene	11.73	91	866697	41.869	ug/l	98
68) m/p-Xylenes	11.85	106	387371	45.737	ug/l	98
73) Isopropylbenzene	12.47	105	122732	5.910	ug/l	100
78) n-propylbenzene	12.81	91	768361	31.347	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	943646	52.855	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	4201336	231.236	ug/l	98
85) sec-Butylbenzene	13.39	105	84169m	3.764	ug/l	
86) p-Isopropyltoluene	13.51	119	59021	2.902	ug/l	99
89) n-Butylbenzene	13.83	91	286466m	15.410	ug/l	
95) Naphthalene	15.38	128	1580627	150.626	ug/l	99

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

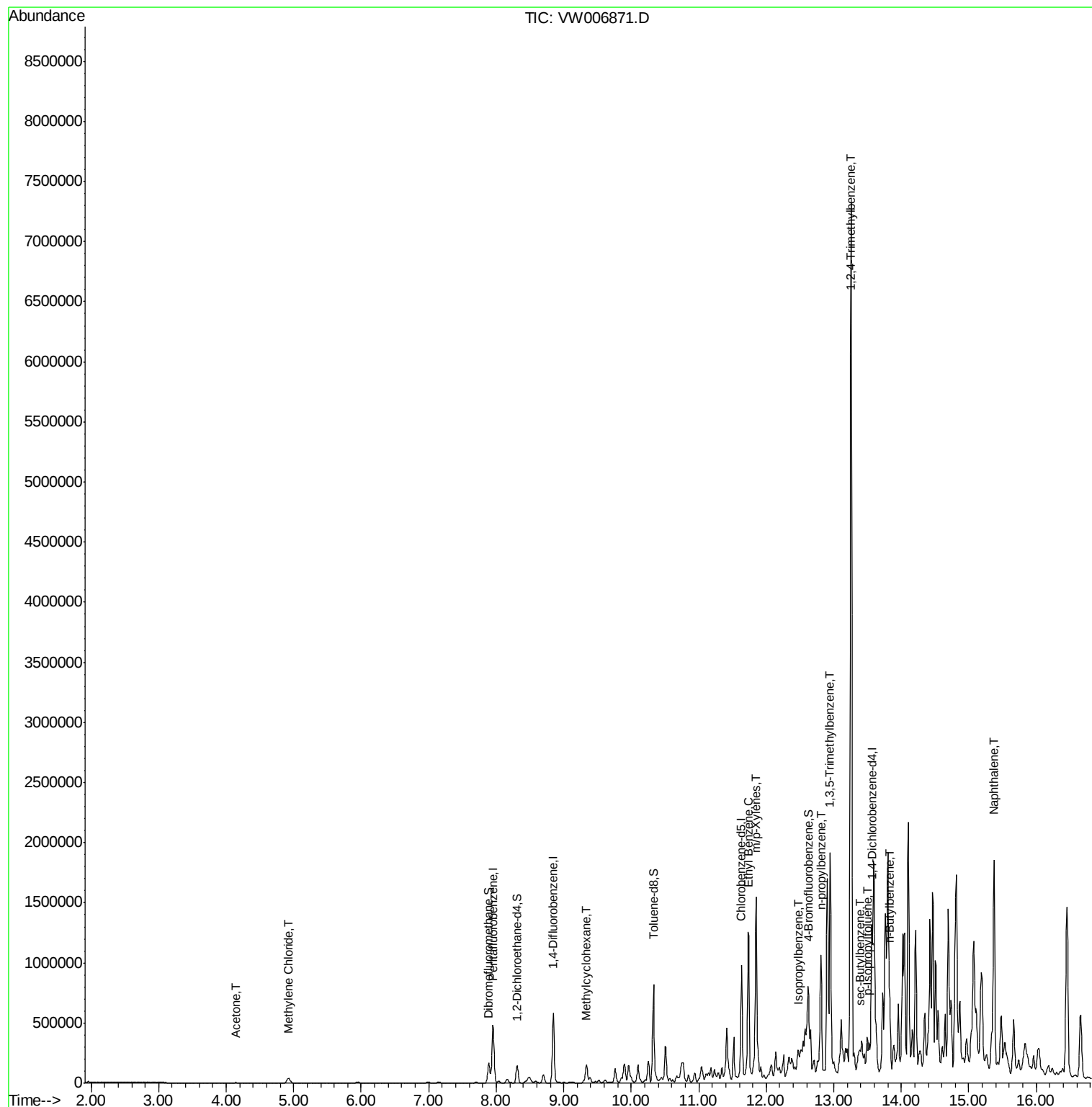
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
Data File : VW006871.D
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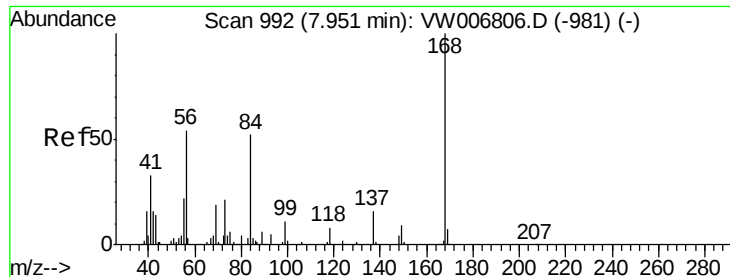
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-108(14-16)

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Quant Time: Nov 14 07:19:43 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: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006871.D

Acq: 13 Nov 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-108(14-16)

Tot Ion:168 Resp: 411567

Ion Ratio Lower Upper

168 100

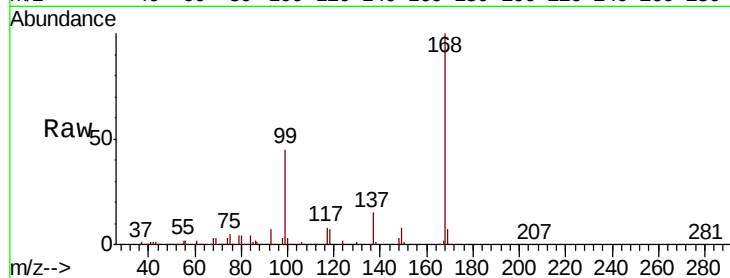
99 44.6 37.3 55.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

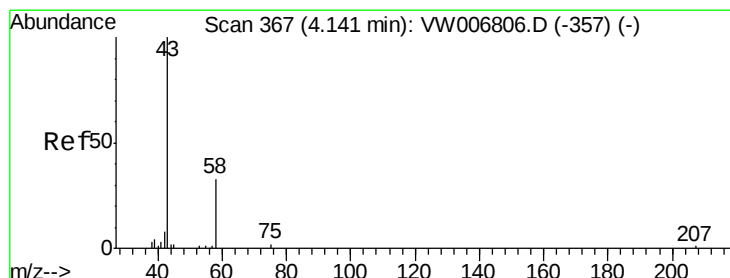
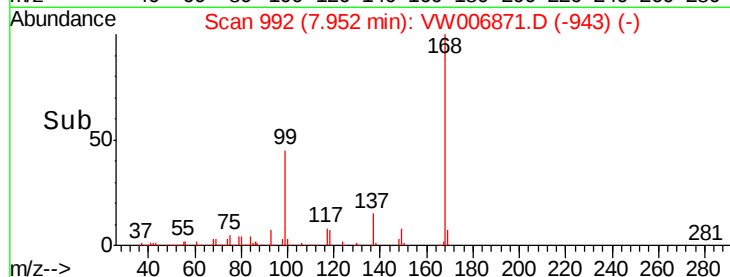
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 16.589 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006871.D

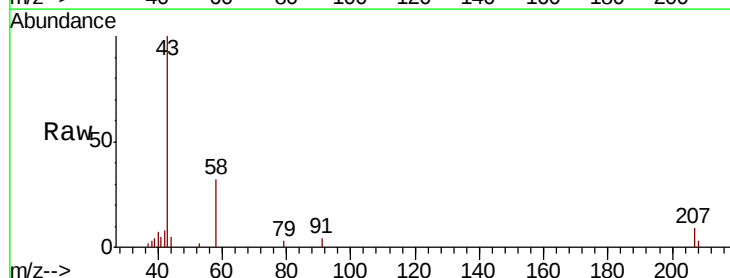
Acq: 13 Nov 2018 22:25

Tgt Ion: 43 Resp: 7168

Ion Ratio Lower Upper

43 100

58 31.8 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

3000

2500

2000

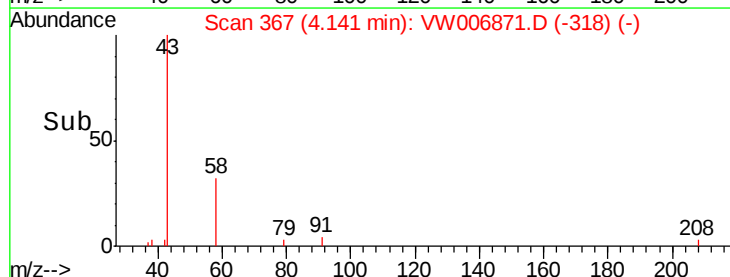
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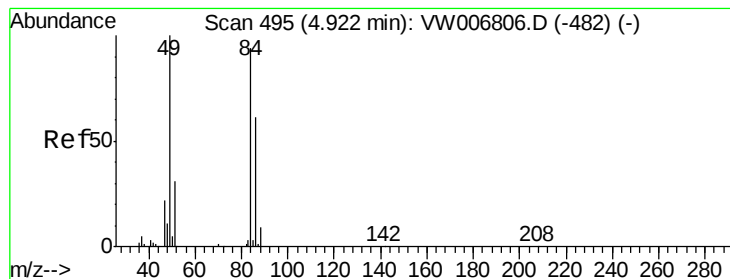
1000

500

0

Time--> 4.00 4.10 4.20





#20

Methylene Chloride

Concen: 4.610 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW006871.D

Acq: 13 Nov 2018 22:25

Instrument :

MSVOA_W

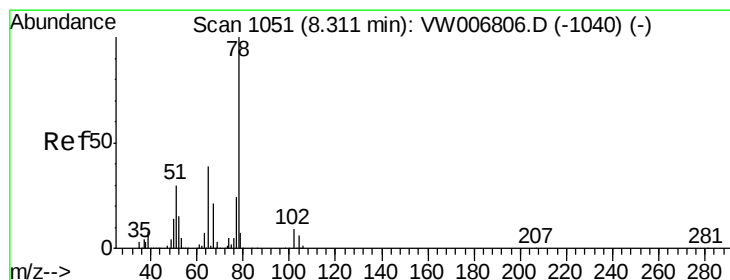
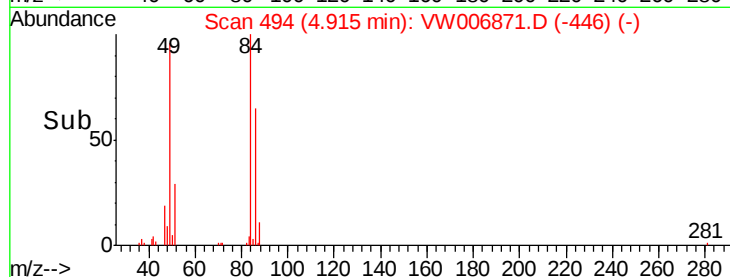
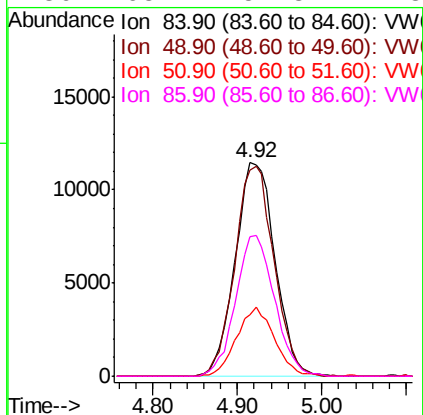
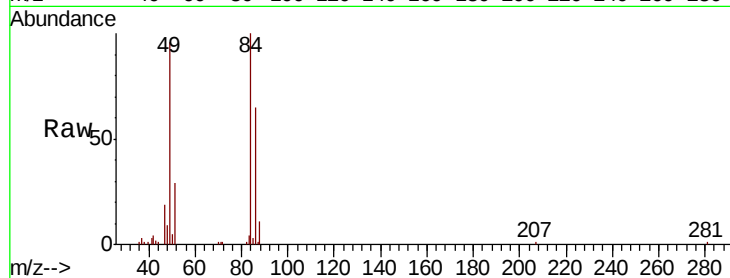
ClientSampleId :

EP2-SB-108(14-16)

Tot Ion:	84	Resp:	36699
Ion Ratio	Lower	Upper	
84	100		
49	96.3	84.8	127.2
51	28.9	26.2	39.4
86	65.1	51.8	77.8

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#33

1,2-Dichloroethane-d4

Concen: 37.115 ug/l

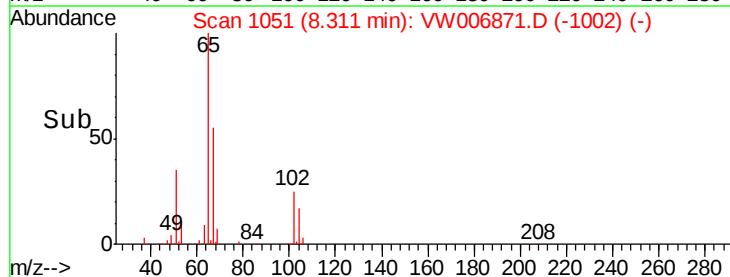
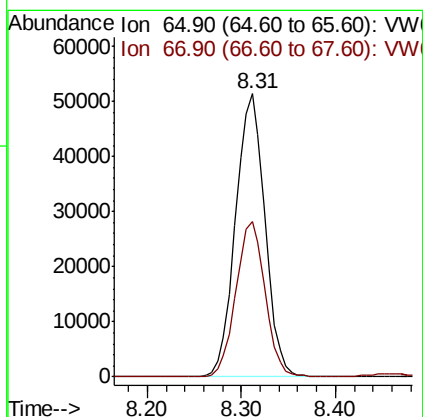
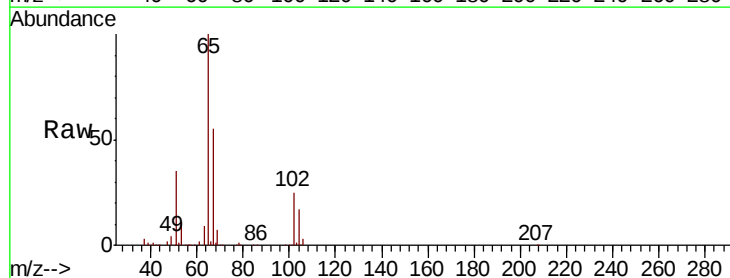
RT: 8.31 min Scan# 1051

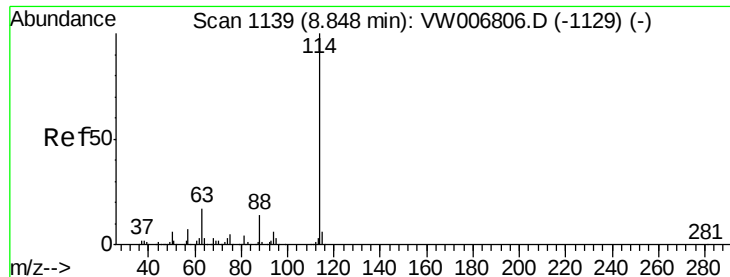
Delta R.T. 0.00 min

Lab File: VW006871.D

Acq: 13 Nov 2018 22:25

Tgt Ion:	65	Resp:	111666
Ion Ratio	Lower	Upper	
65	100		
67	54.7	0.0	104.4





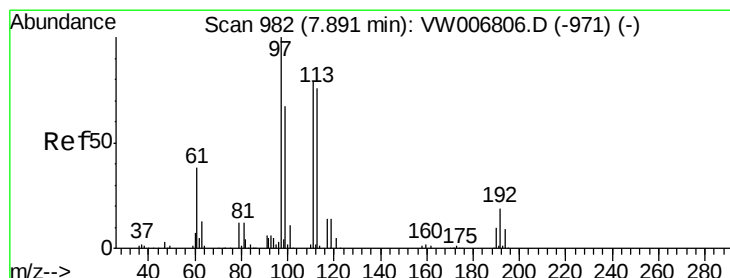
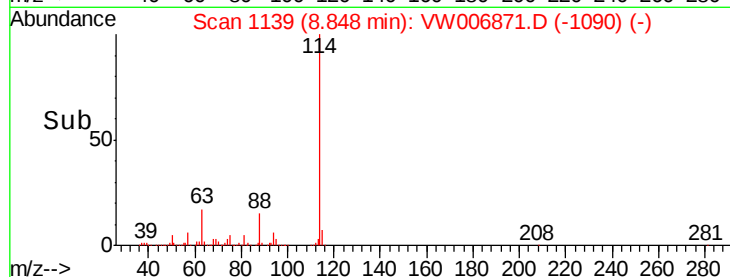
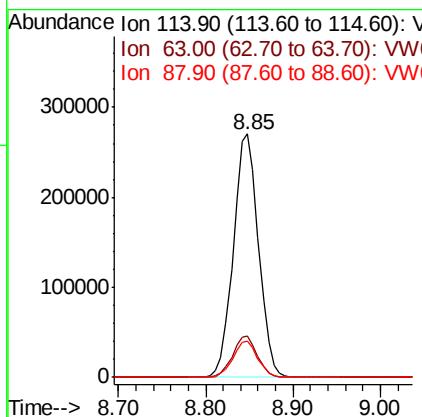
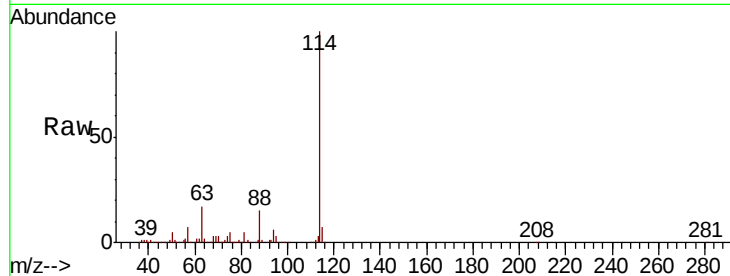
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006871.D
 Acq: 13 Nov 2018 22:25

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-108(14-16)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	539202		
63	16.8		0.0	33.6
88	14.8		0.0	28.4

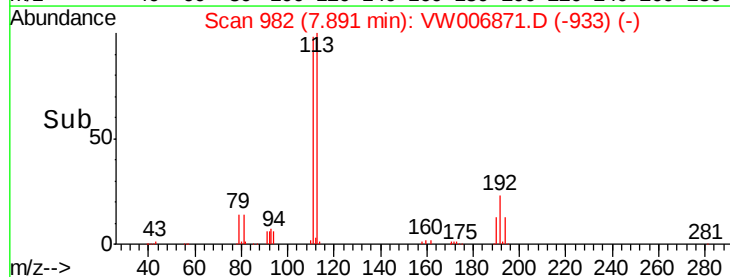
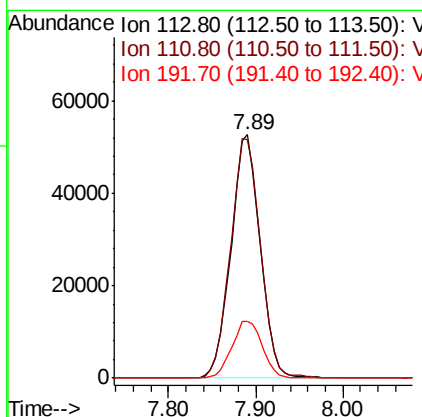
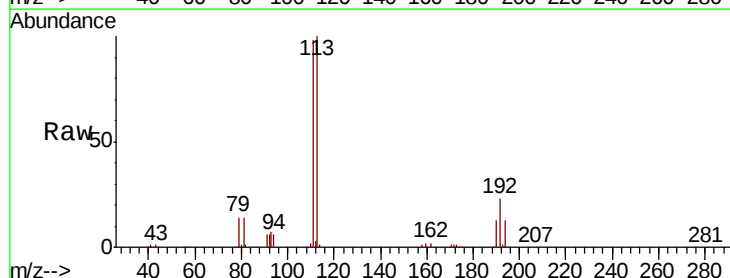
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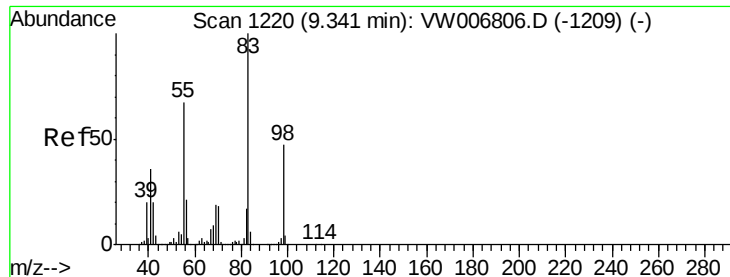
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#35
 Dibromofluoromethane
 Concen: 38.037 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006871.D
 Acq: 13 Nov 2018 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	122129		
111	101.4		81.0	121.6
192	24.4		19.0	28.6





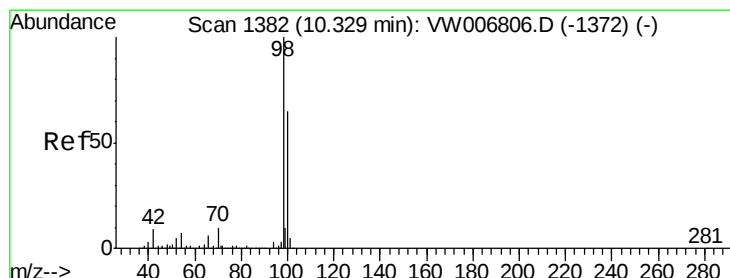
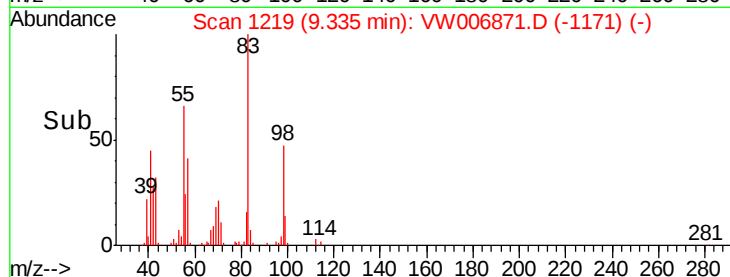
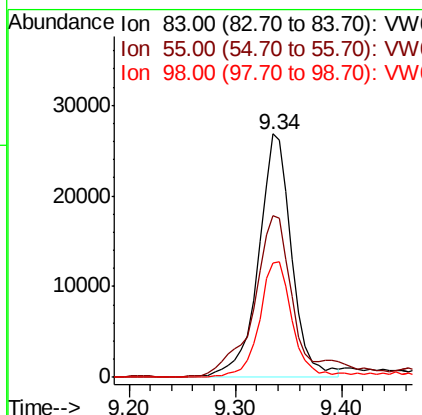
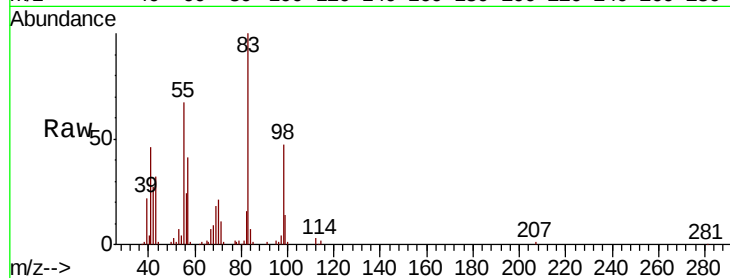
#39
Methvlcvclohexane
Concen: 8.960 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006871.D
Acq: 13 Nov 2018 22:25

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-108(14-16)

Tot Ion	83.00	Resp	58654
Ion Ratio	Lower	Upper	
83	100		
55	66.2	53.3	79.9
98	46.7	37.9	56.9

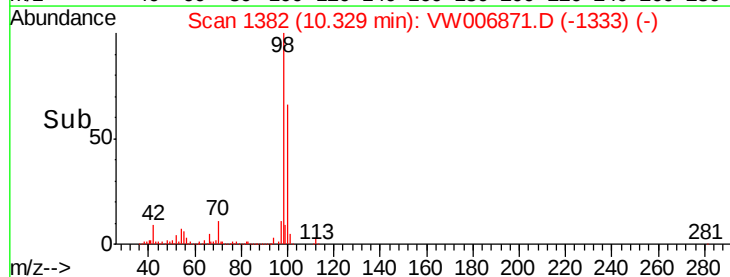
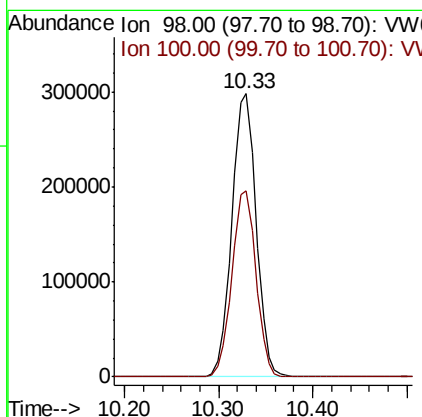
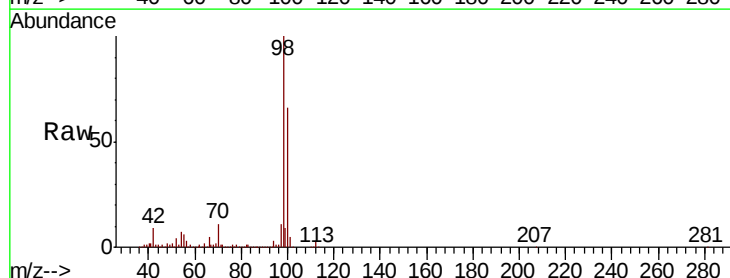
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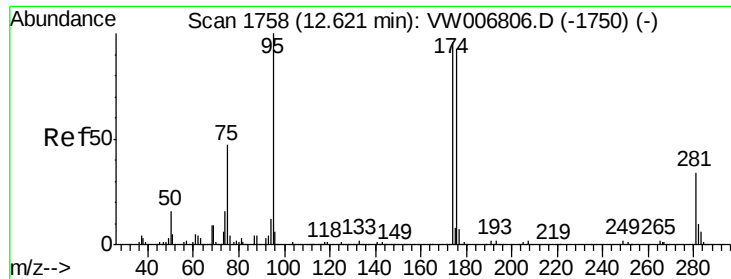
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#50
Toluene-d8
Concen: 40.096 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006871.D
Acq: 13 Nov 2018 22:25

Tgt Ion	98.00	Resp	533602
Ion Ratio	Lower	Upper	
98	100		
100	65.2	51.4	77.2





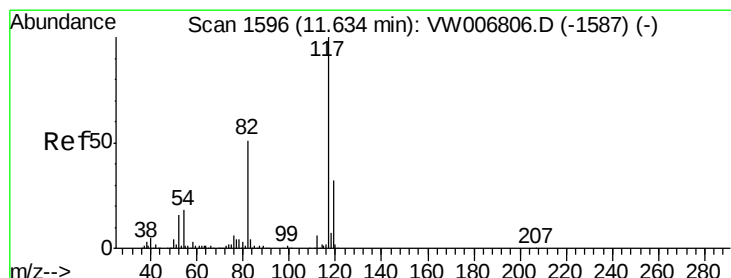
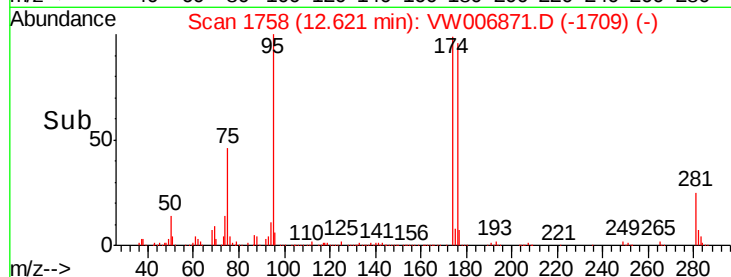
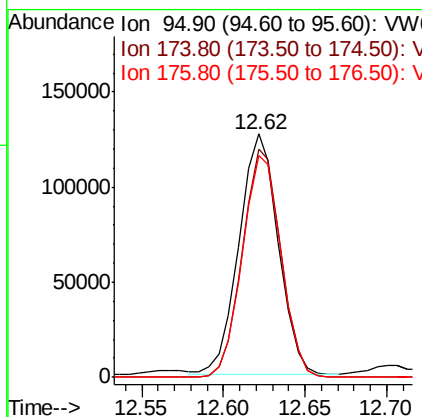
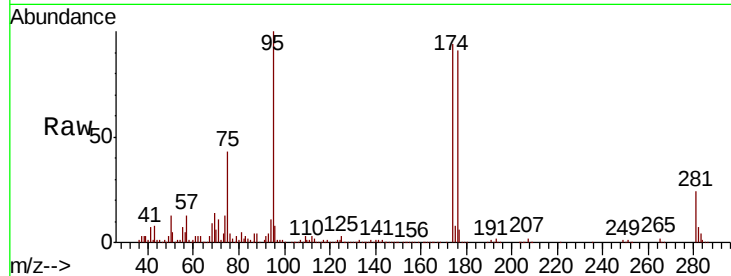
#62
4-Bromofluorobenzene
Concen: 43.379 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006871.D
Acq: 13 Nov 2018 22:25

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-108(14-16)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	212628		
174	92.4	0.0	196.6	
176	90.7	0.0	191.6	

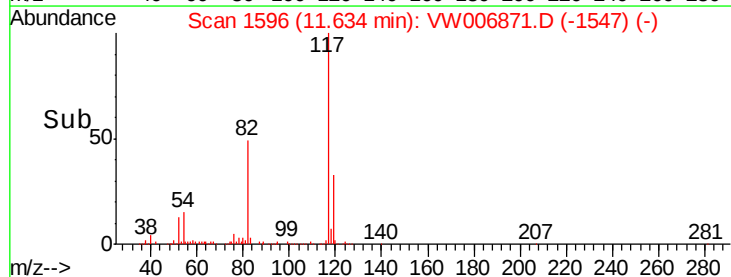
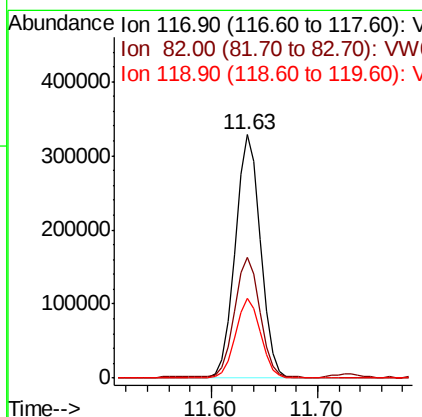
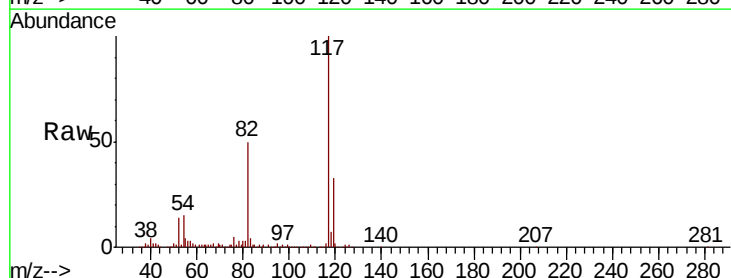
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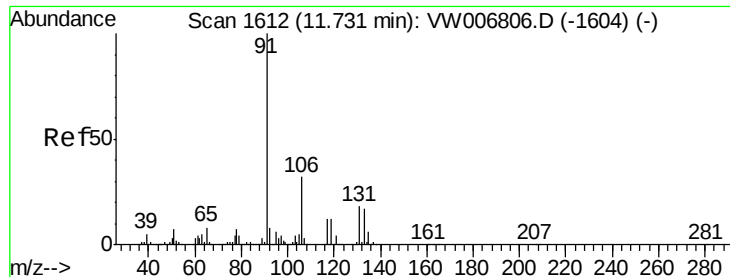
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006871.D
Acq: 13 Nov 2018 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	547321		
82	48.8	40.6	61.0	
119	32.9	25.5	38.3	





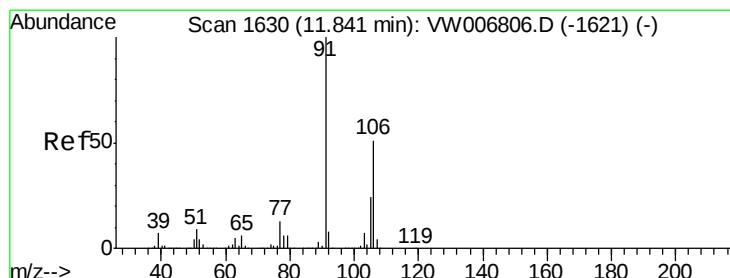
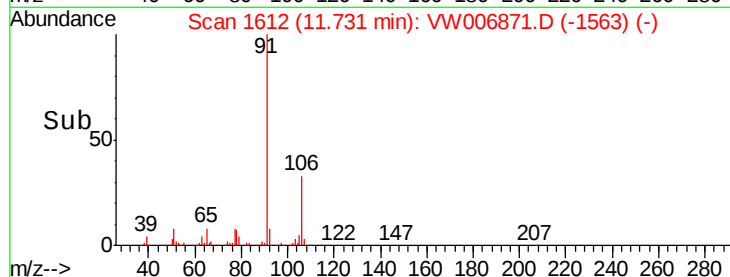
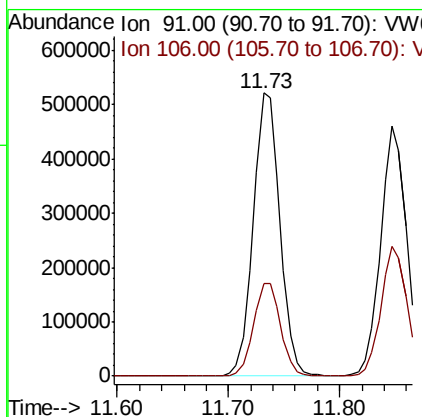
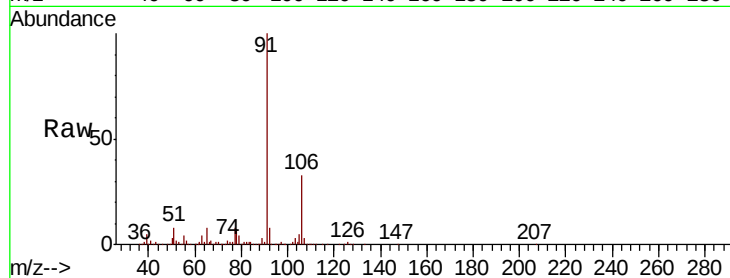
#67
Ethyl Benzene
Concen: 41.869 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006871.D
Acq: 13 Nov 2018 22:25

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-108(14-16)

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.9	25.4	38.0

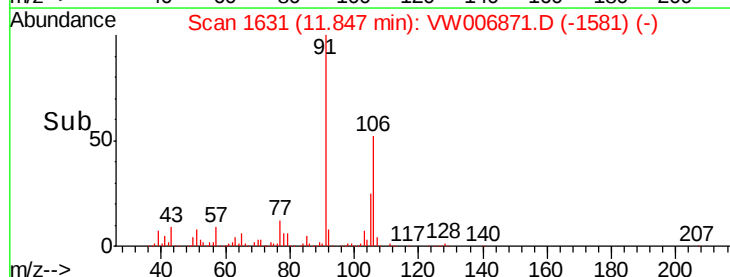
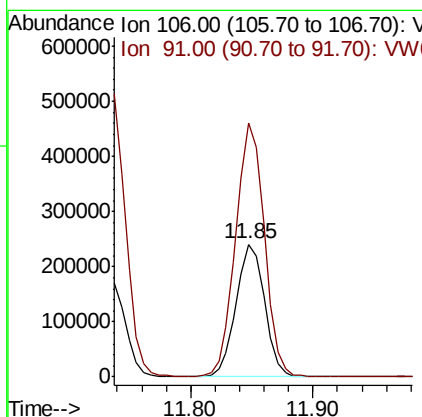
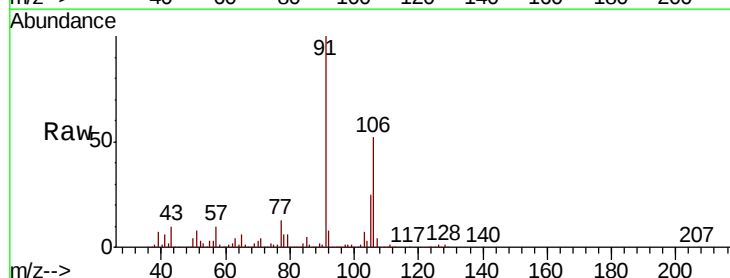
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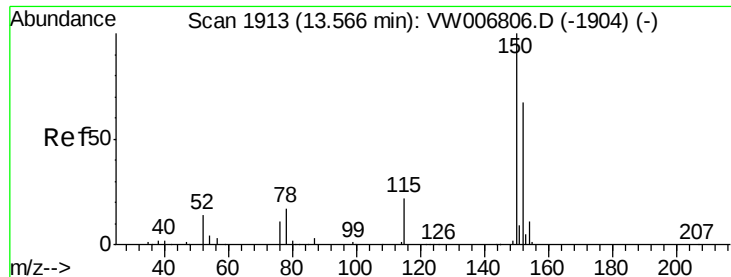
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#68
m/p-Xylenes
Concen: 45.737 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006871.D
Acq: 13 Nov 2018 22:25

Tgt Ion	Ratio	Lower	Upper
106	100		
91	192.4	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: VW006871.D

Acq: 13 Nov 2018 22:25

Instrument :

MSVOA_W

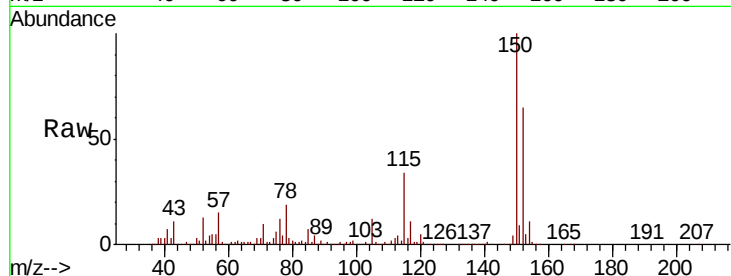
ClientSampleId :

EP2-SB-108(14-16)

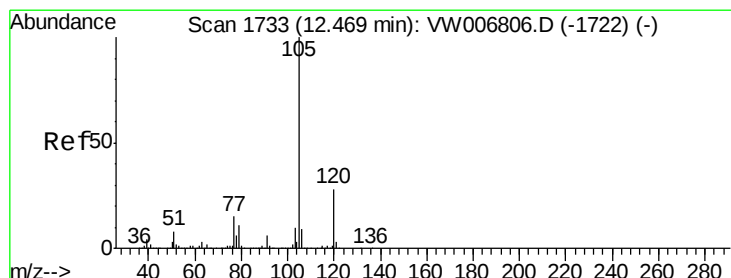
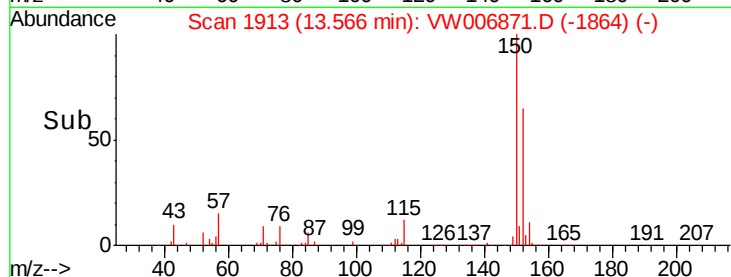
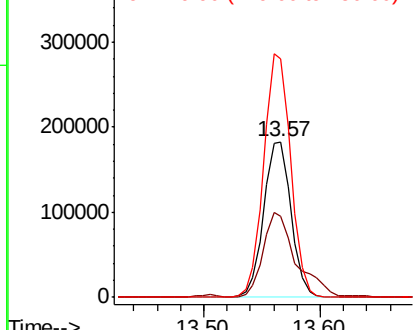
Tot Ion:	152	Resp:	299193
Ion Ratio	Lower	Upper	
152	100		
115	67.1	27.3	81.8
150	154.5	0.0	353.0

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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 5.910 ug/l

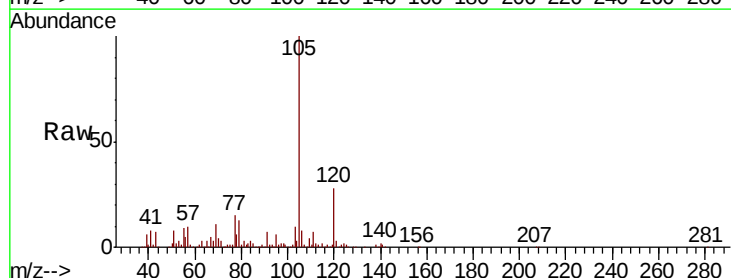
RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

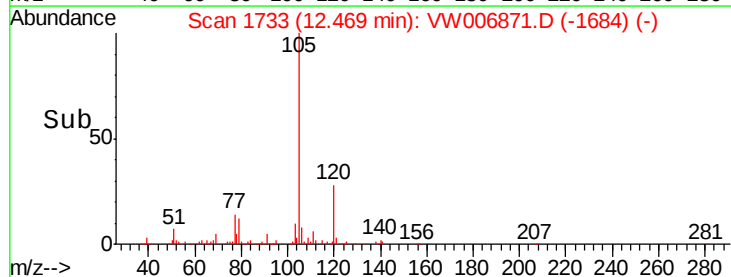
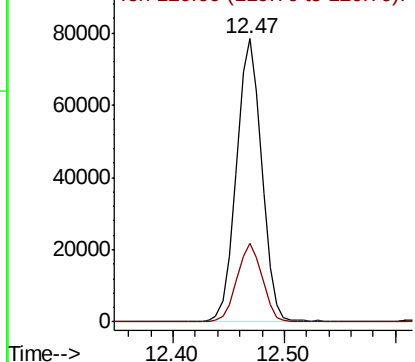
Lab File: VW006871.D

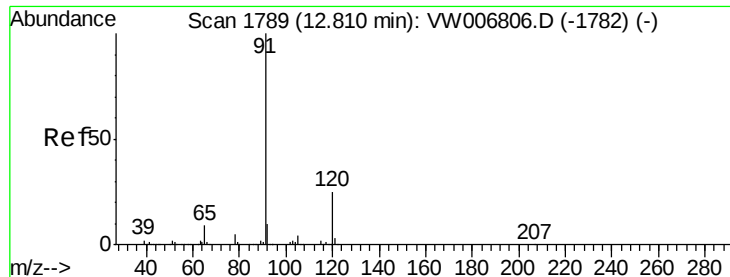
Acq: 13 Nov 2018 22:25

Tgt Ion:	105	Resp:	122732
Ion Ratio	Lower	Upper	
105	100		
120	27.9	14.0	42.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





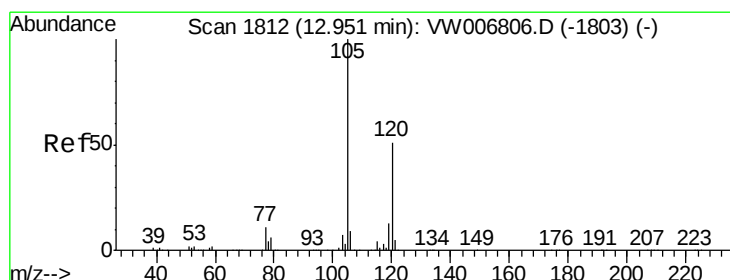
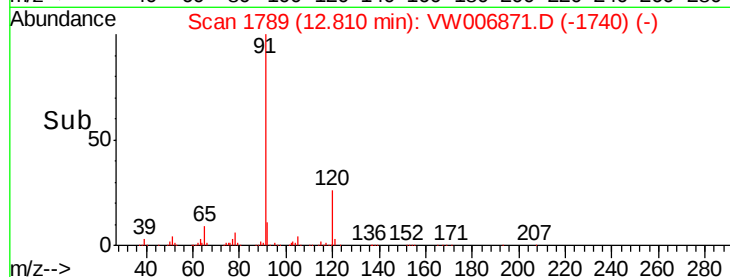
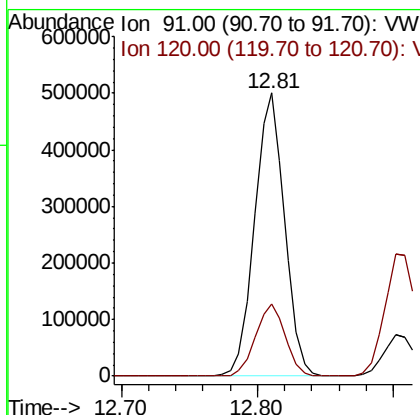
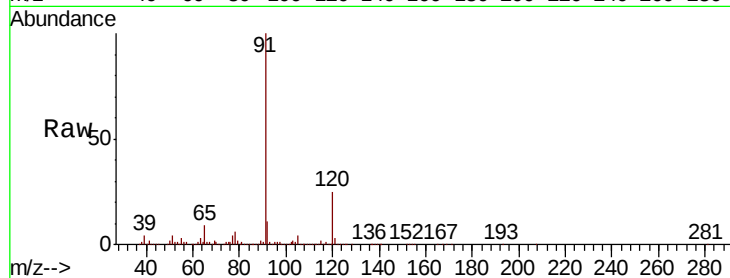
#78
n-propylbenzene
Concen: 31.347 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006871.D
Acq: 13 Nov 2018 22:25

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-108(14-16)

Tot Ion: 91 Resp: 768361
Ion Ratio Lower Upper
91 100
120 25.4 12.4 37.4

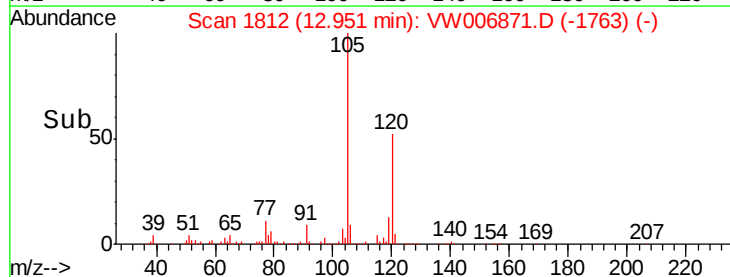
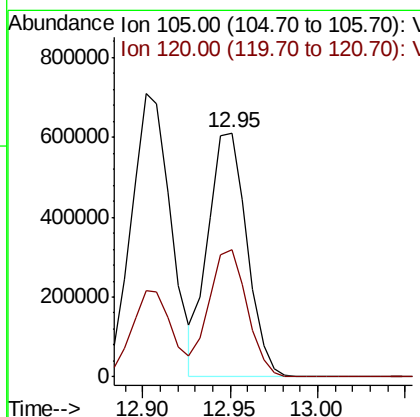
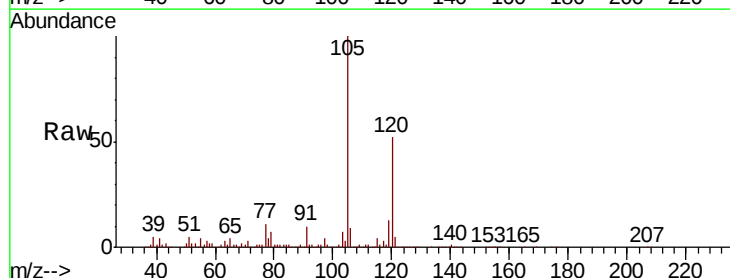
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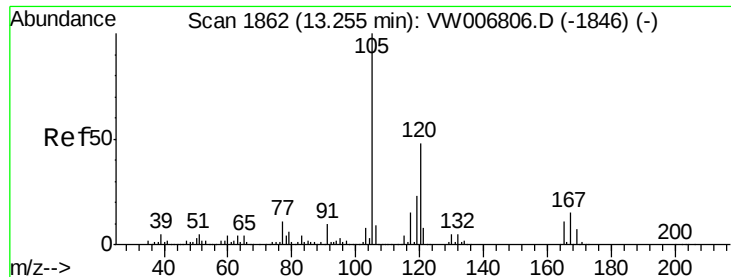
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 52.855 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW006871.D
Acq: 13 Nov 2018 22:25

Tgt Ion: 105 Resp: 943646
Ion Ratio Lower Upper
105 100
120 51.4 25.3 75.9





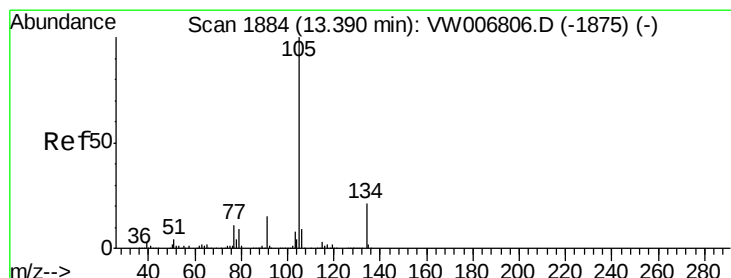
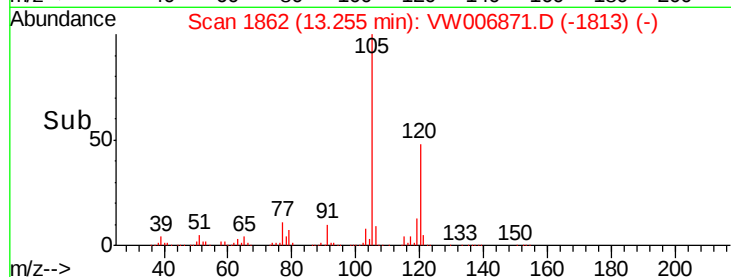
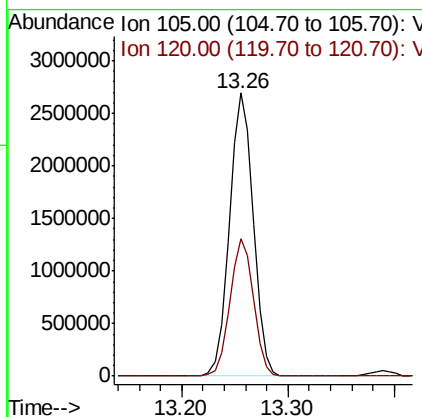
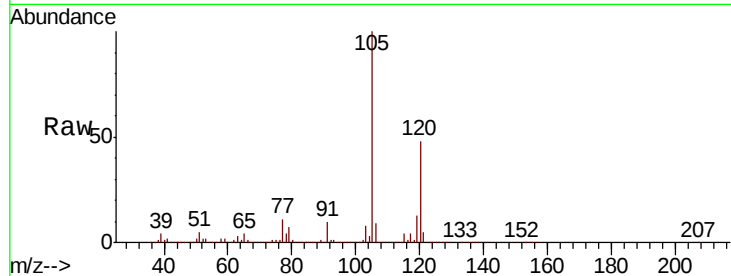
#84
 1,2,4-Trimethylbenzene
 Concen: 231.236 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006871.D
 Acq: 13 Nov 2018 22:25

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-108(14-16)

Tot Ion:105 Resp: 4201336
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.4 70.0

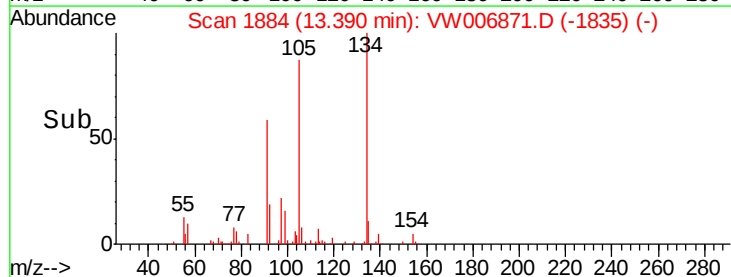
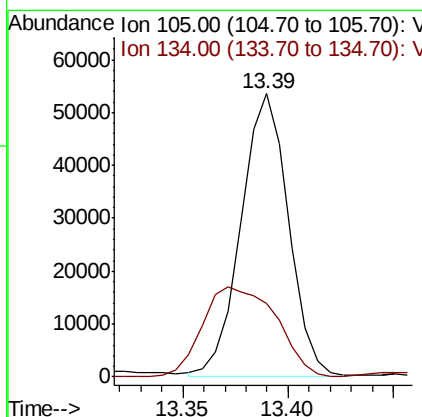
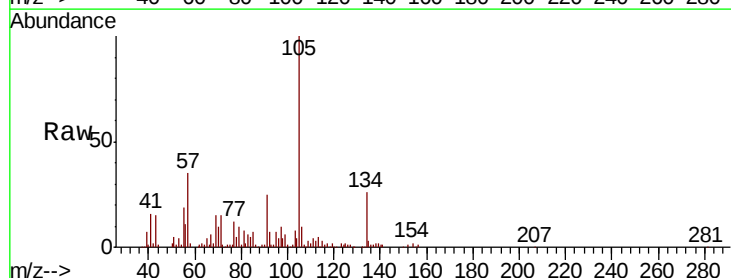
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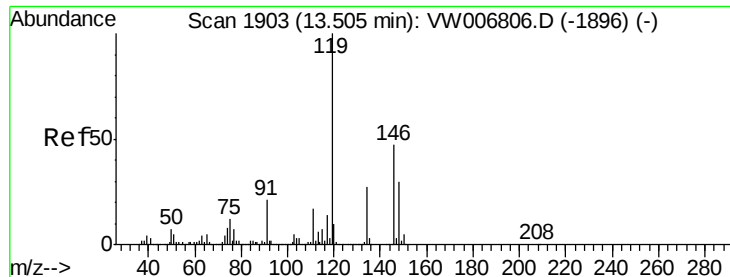
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#85
 sec-Butylbenzene
 Concen: 3.764 ug/l m
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006871.D
 Acq: 13 Nov 2018 22:25

Tgt Ion:105 Resp: 84169
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 31.9#





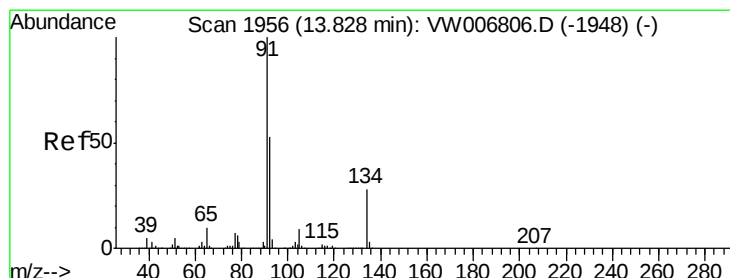
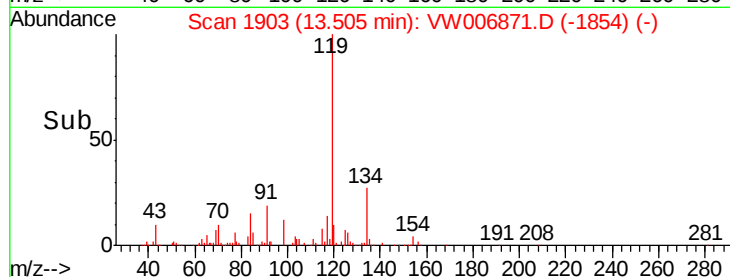
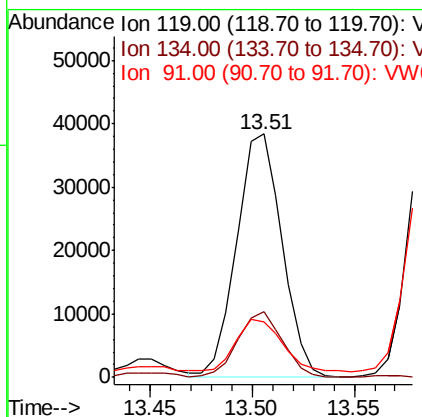
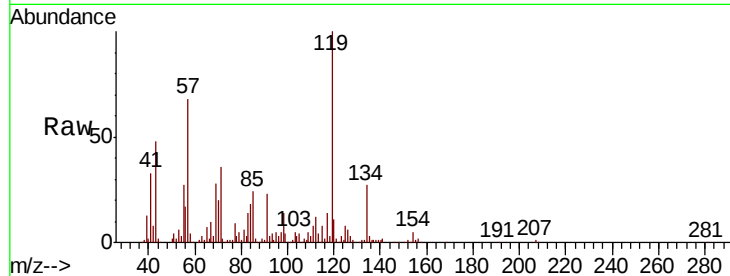
#86
p-Isopropyltoluene
Concen: 2.902 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006871.D
Acq: 13 Nov 2018 22:25

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-108(14-16)

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.5	40.4
91	21.6	10.8	32.4

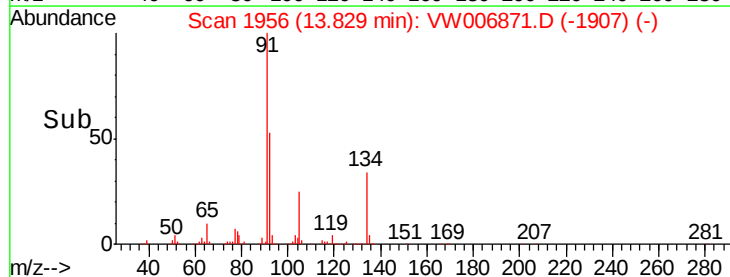
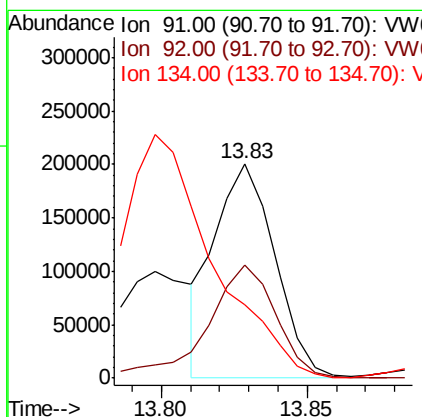
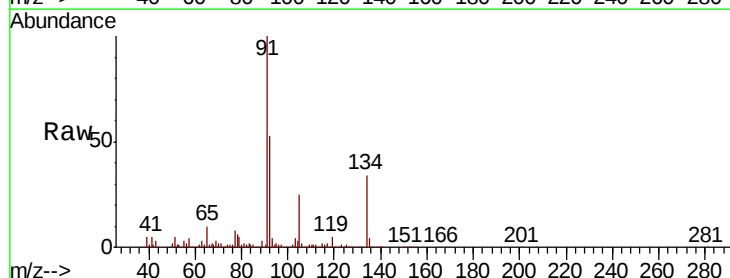
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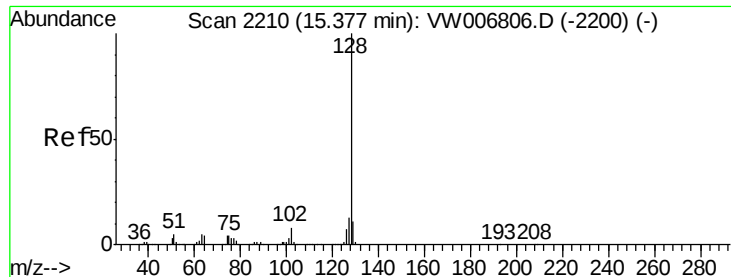
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#89
n-Butylbenzene
Concen: 15.410 ug/l m
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006871.D
Acq: 13 Nov 2018 22:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.8	26.5	79.4
134	0.0	14.4	43.2#





#95
Naphthalene
Concen: 150.626 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006871.D
Acq: 13 Nov 2018 22:25

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-108(14-16)

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.0	8.6	13.0

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