

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006859.D
 Acq On : 13 Nov 2018 17:19
 Operator : SY/AP
 Sample : J5860-26
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-111(22-24)

Manual Integrations
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Quant Time: Nov 14 06:28:08 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	431721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	598947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	584863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	313843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132820	42.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.16%	
35) Dibromofluoromethane	7.89	113	147020	41.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.44%	
50) Toluene-d8	10.33	98	672524	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	
62) 4-Bromofluorobenzene	12.62	95	270251	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	13041	28.772	ug/l	99
20) Methylene Chloride	4.92	84	29377	2.144	ug/l	92
39) Methylcyclohexane	9.34	83	178322	24.522	ug/l	99
52) Toluene	10.39	92	76587	6.931	ug/l	99
67) Ethyl Benzene	11.74	91	230598	10.425	ug/l	98
68) m/p-Xylenes	11.85	106	76096	8.408	ug/l	97
73) Isopropylbenzene	12.47	105	157797	7.243	ug/l	99
78) n-propylbenzene	12.81	91	734703	28.575	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	229502	12.255	ug/l	93
84) 1,2,4-Trimethylbenzene	13.26	105	644654	33.825	ug/l	98
85) sec-Butylbenzene	13.39	105	98968	4.219	ug/l #	38
86) p-Isopropyltoluene	13.51	119	75430	3.535	ug/l	97
89) n-Butylbenzene	13.83	91	286689m	14.702	ug/l	
95) Naphthalene	15.38	128	339098	30.806	ug/l	100

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

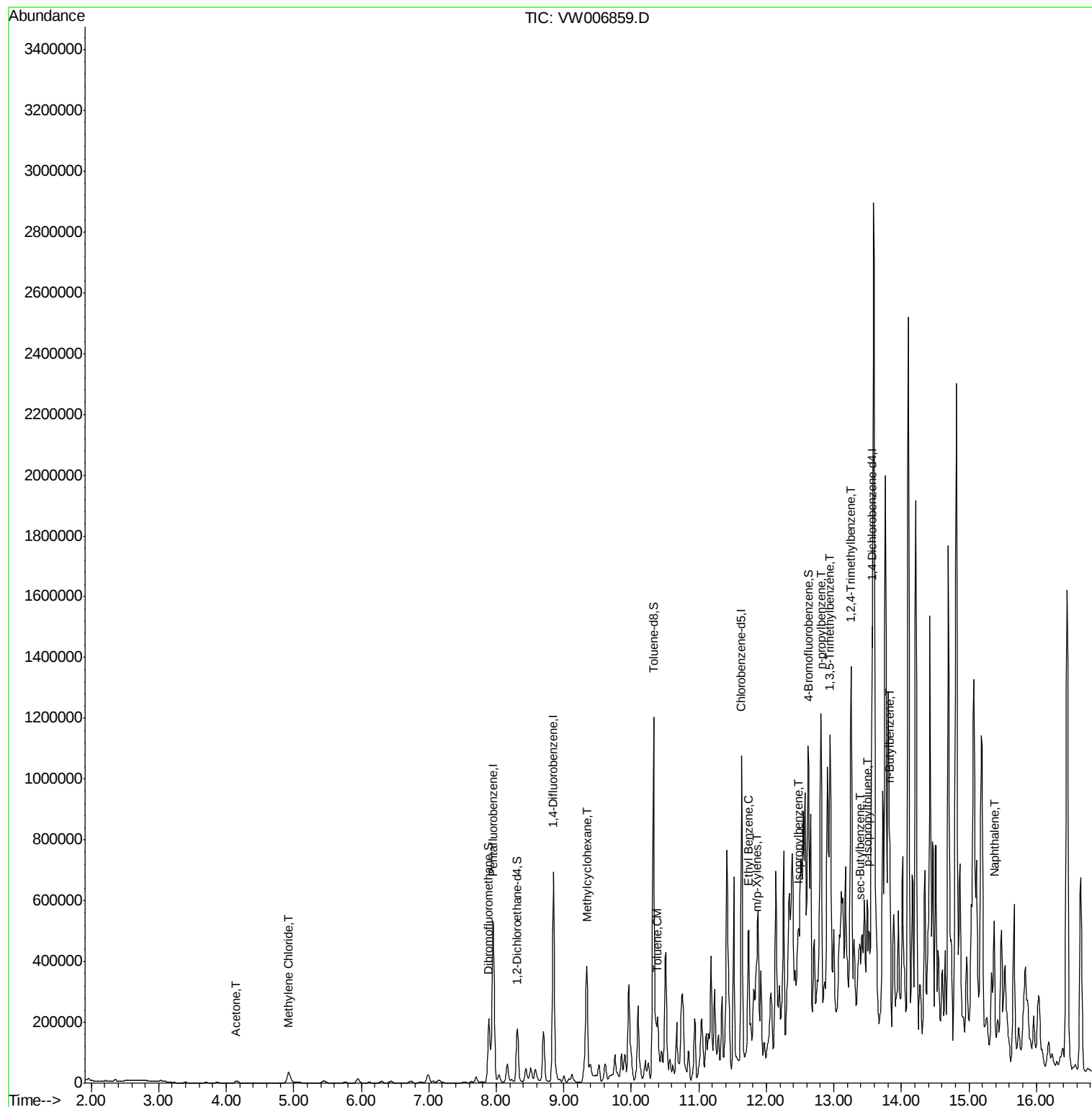
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
Data File : VW006859.D
Acq On : 13 Nov 2018 17:19
Operator : SY/AP
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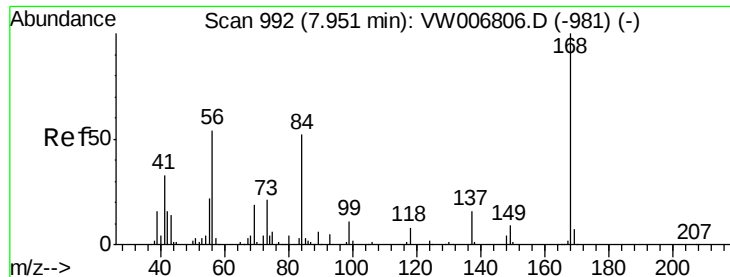
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-111(22-24)

Manual Integrations
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Quant Time: Nov 14 06:28:08 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

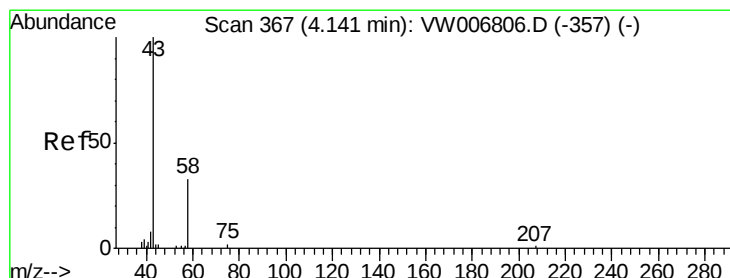
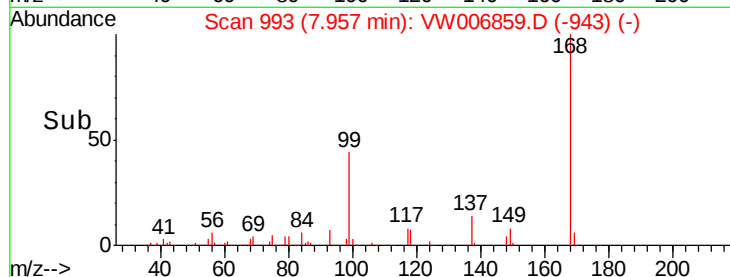
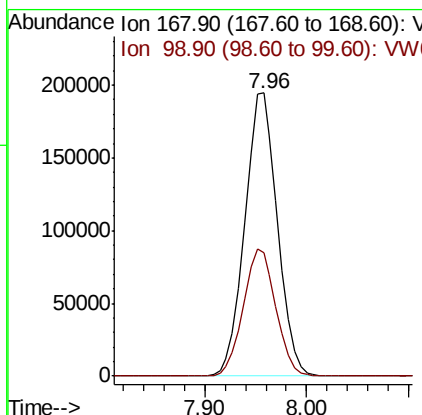
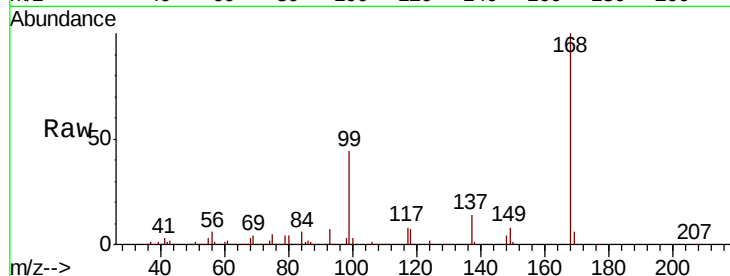
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: VW006859.D
 Acq: 13 Nov 2018 17:19

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-111(22-24)

Tot Ion	Ratio	Lower	Upper
168	100		
99	43.8	37.3	55.9

Manual Integrations
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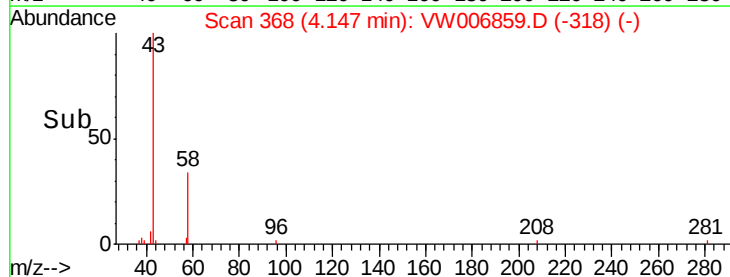
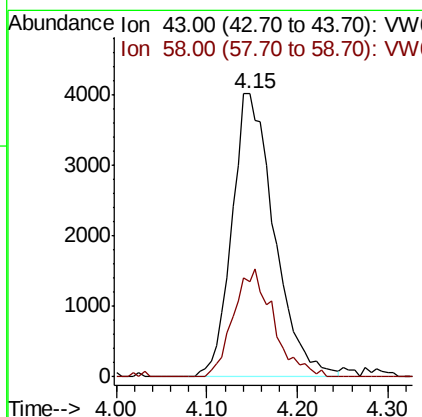
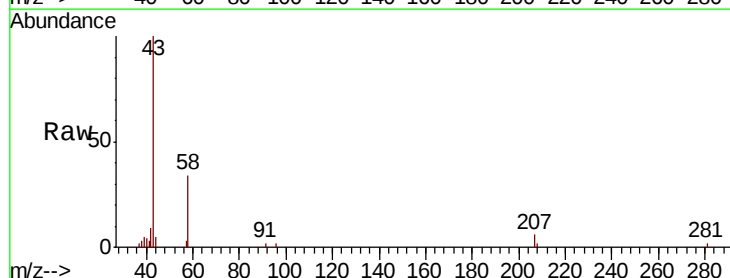
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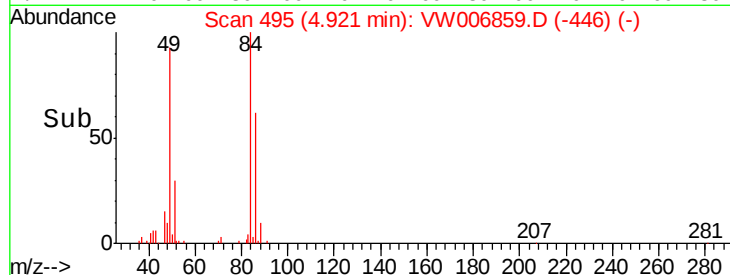
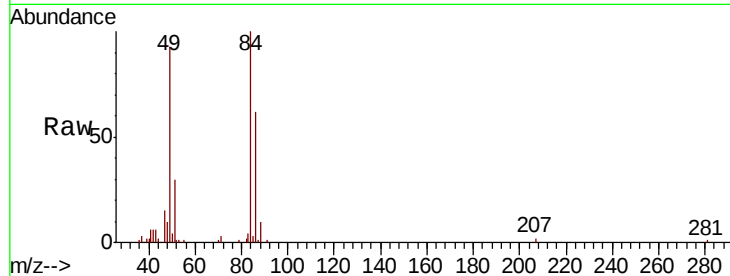
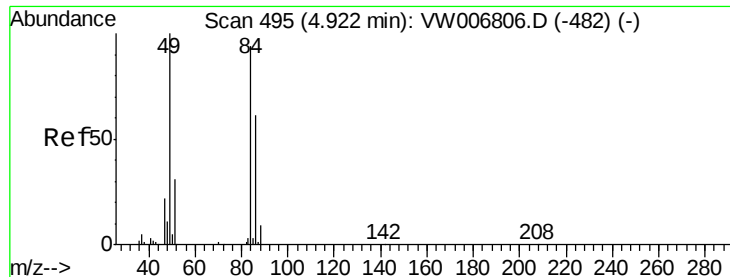


#16

Acetone
 Concen: 28.772 ug/l
 RT: 4.15 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VW006859.D
 Acq: 13 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.5	39.7





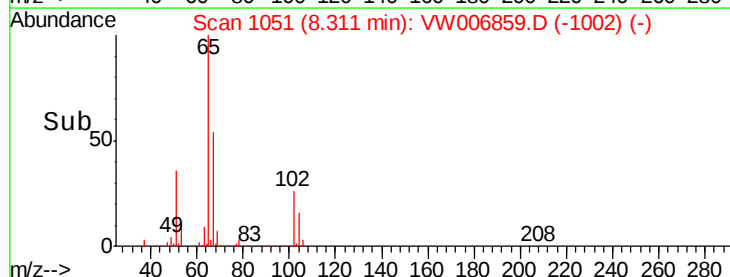
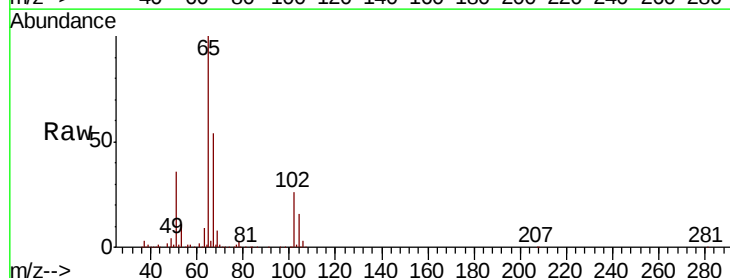
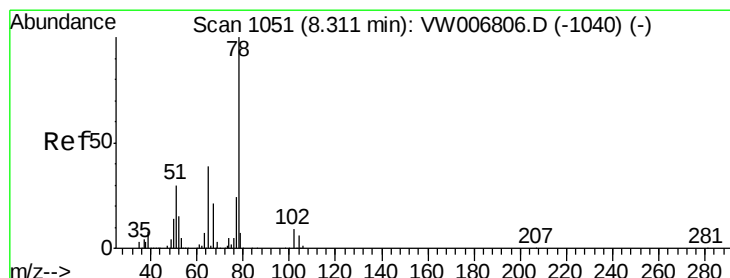
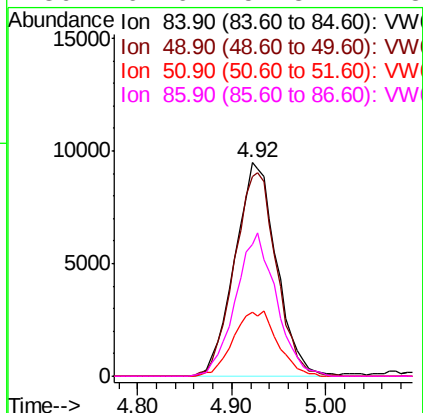
#20
Methvlene Chloride
Concen: 2.144 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006859.D
Acq: 13 Nov 2018 17:19

Tot Ion	84	Resp	29377
Ion Ratio	Lower	Upper	
84	100		
49	93.4	84.8	127.2
51	29.9	26.2	39.4
86	61.6	51.8	77.8

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-111(22-24)

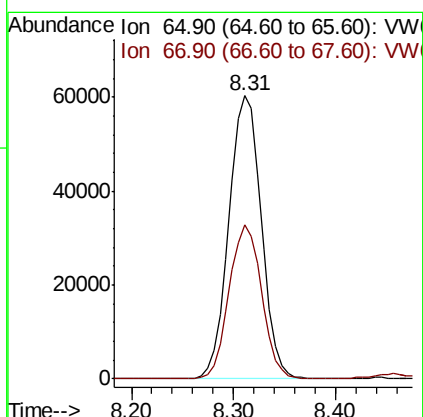
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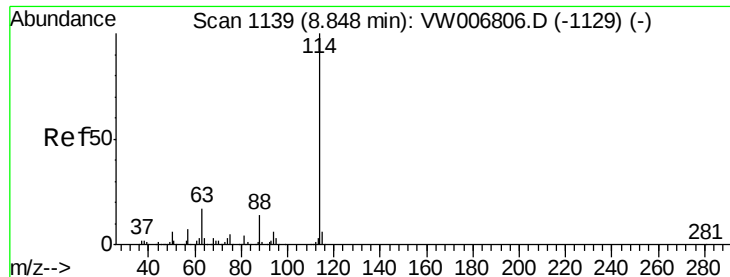
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#33
1,2-Dichloroethane-d4
Concen: 42.085 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006859.D
Acq: 13 Nov 2018 17:19

Tgt Ion	65	Resp	132820
Ion Ratio	Lower	Upper	
65	100		
67	54.1	0.0	104.4





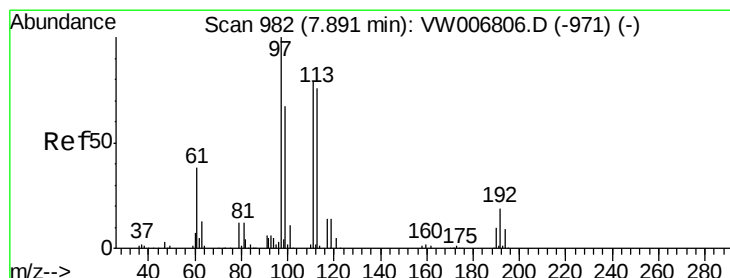
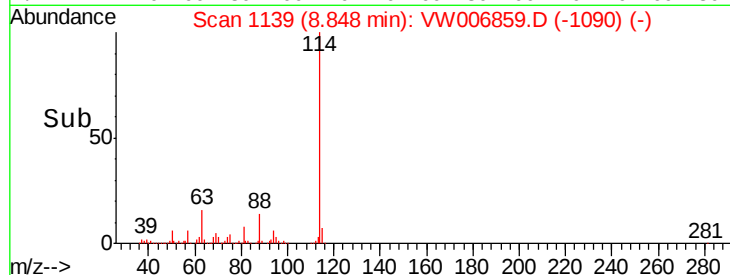
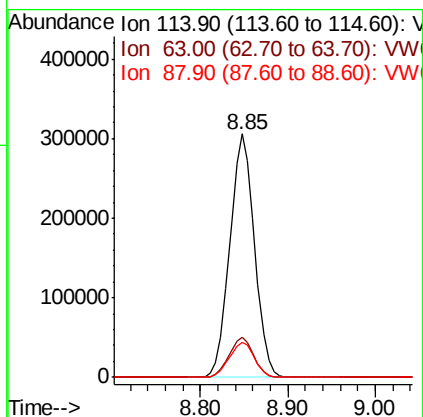
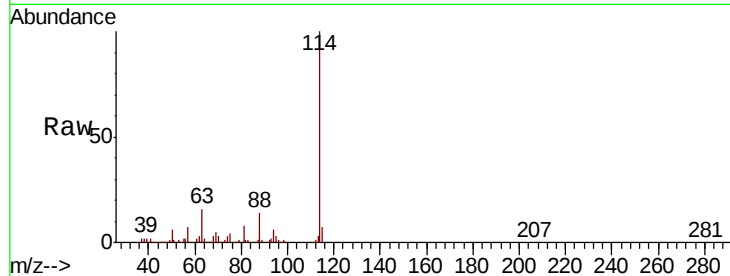
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006859.D
 Acq: 13 Nov 2018 17:19

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-111(22-24)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	598947		
63	16.5		0.0	33.6
88	14.5		0.0	28.4

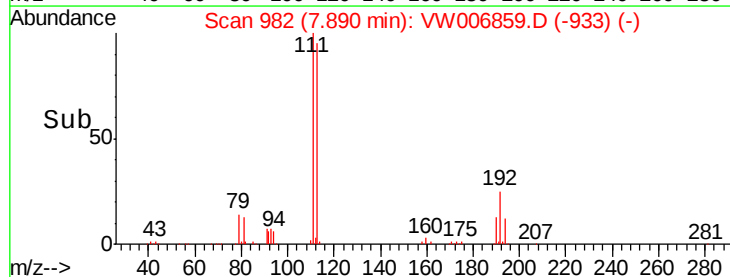
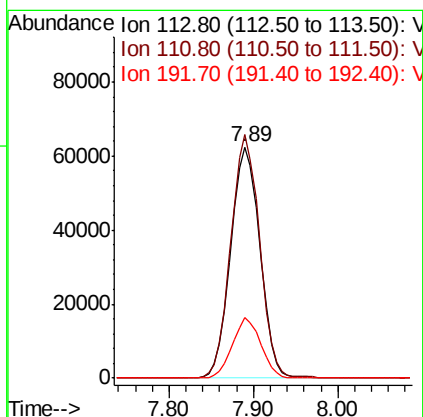
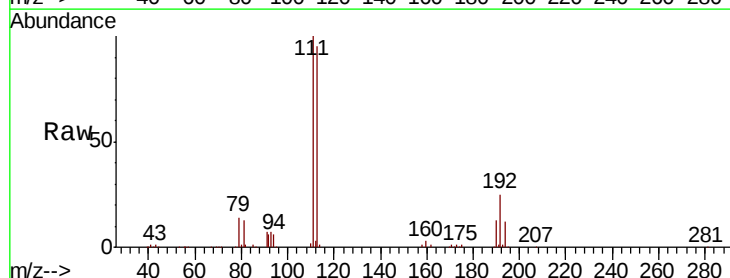
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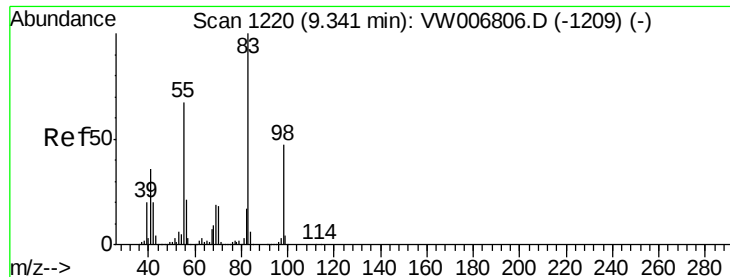
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#35
 Dibromofluoromethane
 Concen: 41.222 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006859.D
 Acq: 13 Nov 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	147020		
111	103.5		81.0	121.6
192	25.3		19.0	28.6





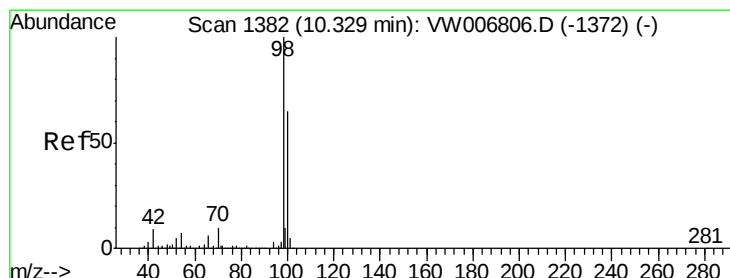
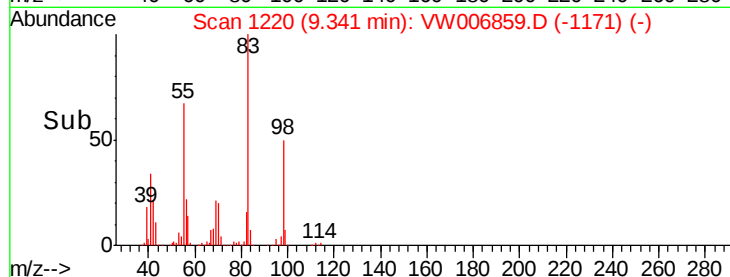
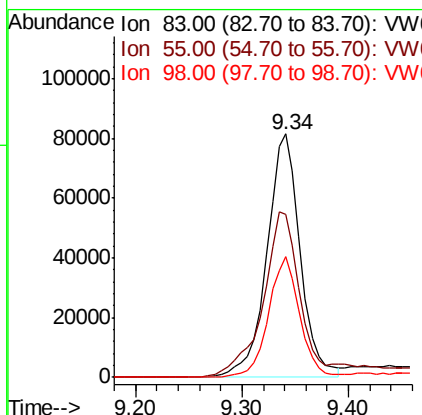
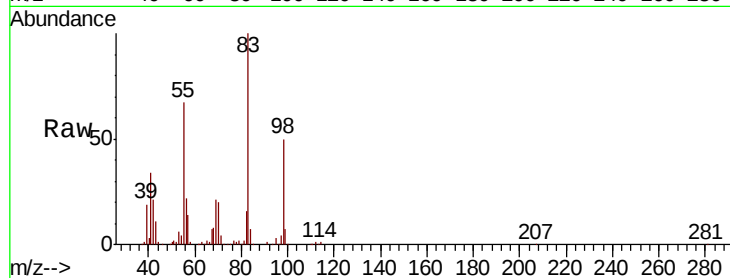
#39
Methvlcvclohexane
Concen: 24.522 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006859.D
Acq: 13 Nov 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-111(22-24)

Tot Ion	83	Resp	178322
Ion Ratio	Lower	Upper	
83	100		
55	66.6	53.3	79.9
98	49.7	37.9	56.9

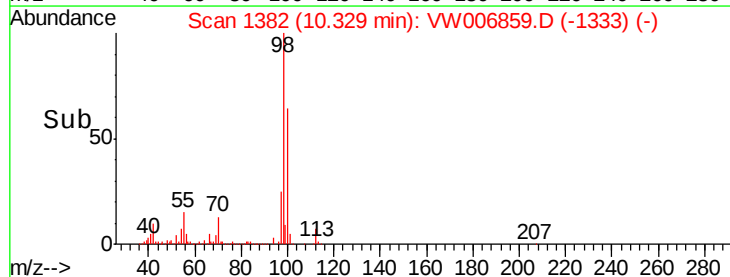
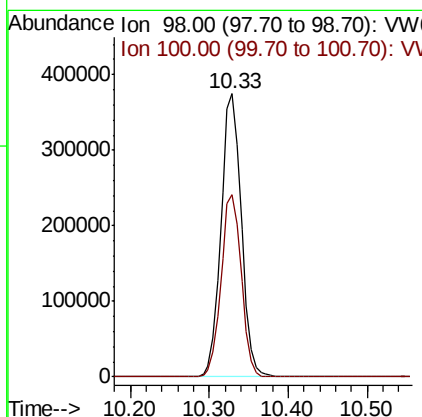
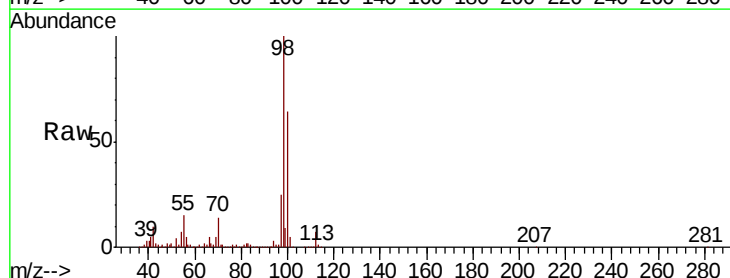
Manual Integrations
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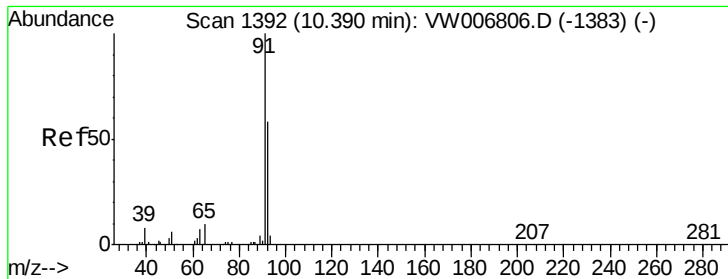
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#50
Toluene-d8
Concen: 45.494 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006859.D
Acq: 13 Nov 2018 17:19

Tgt Ion	98	Resp	672524
Ion Ratio	Lower	Upper	
98	100		
100	63.6	51.4	77.2





#52

Toluene

Concen: 6.931 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006859.D

Acq: 13 Nov 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-111(22-24)

Tot Ion: 92 Resp: 76587

Ion Ratio Lower Upper

92 100

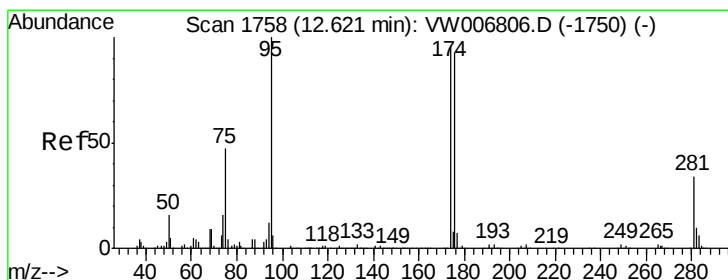
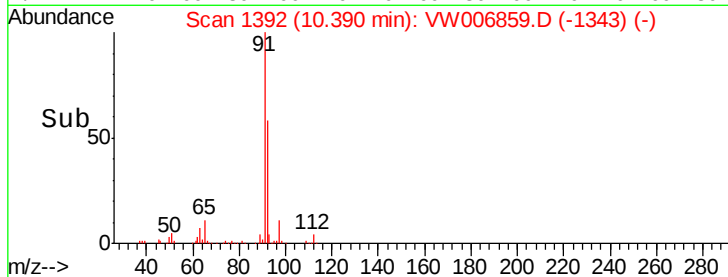
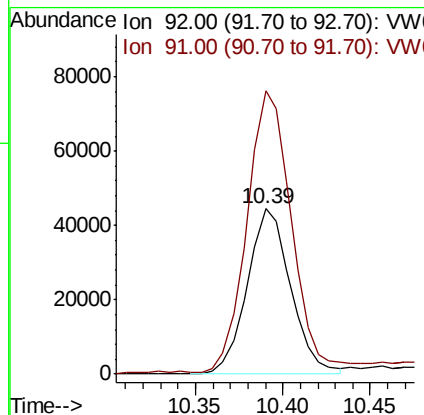
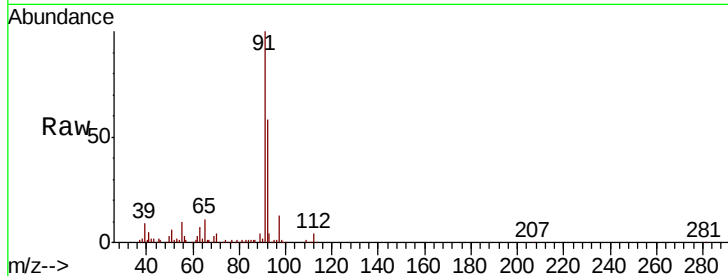
91 175.8 139.4 209.2

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 49.636 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006859.D

Acq: 13 Nov 2018 17:19

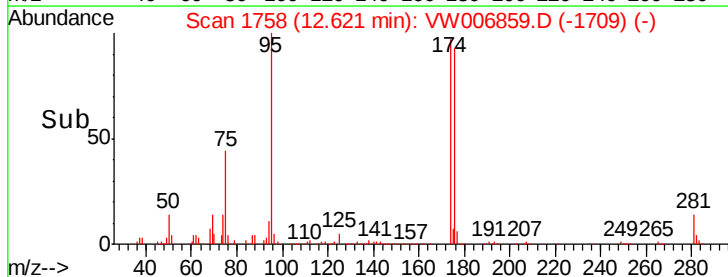
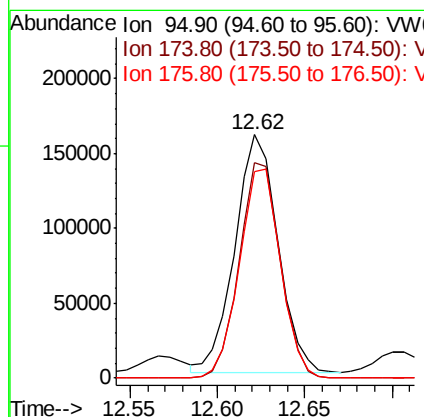
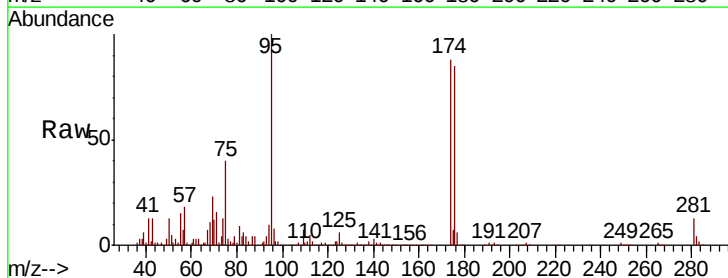
Tgt Ion: 95 Resp: 270251

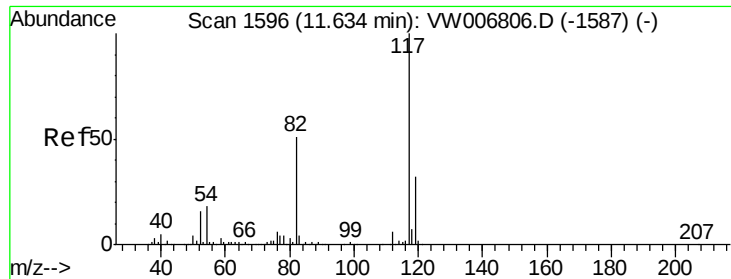
Ion Ratio Lower Upper

95 100

174 86.7 0.0 196.6

176 84.6 0.0 191.6





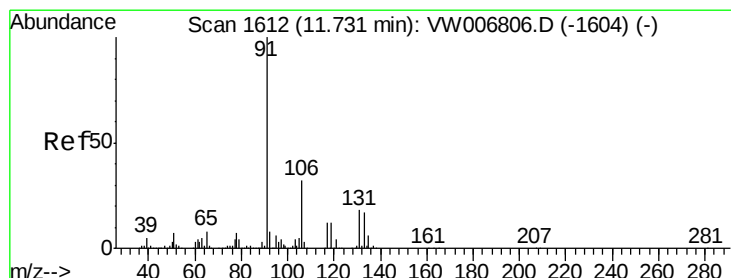
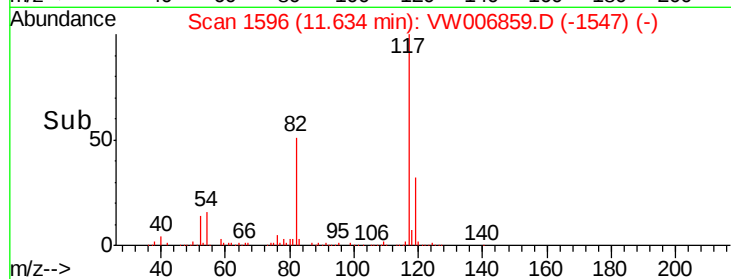
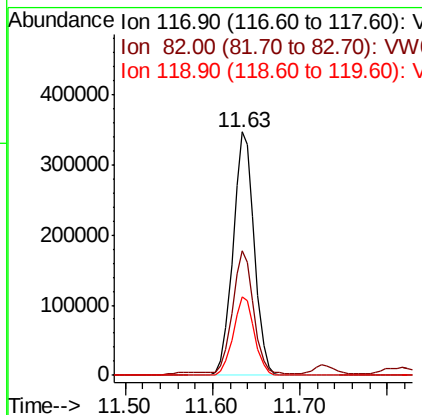
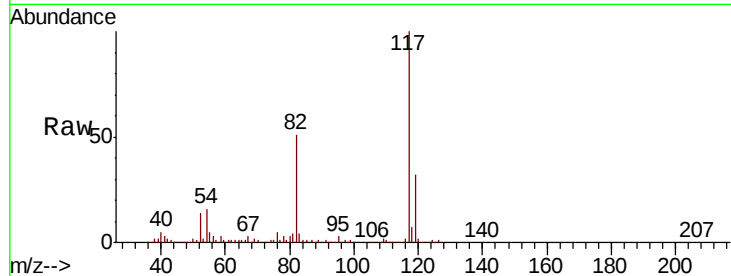
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006859.D
Acq: 13 Nov 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-111(22-24)

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	40.6	61.0
119	32.3	25.5	38.3

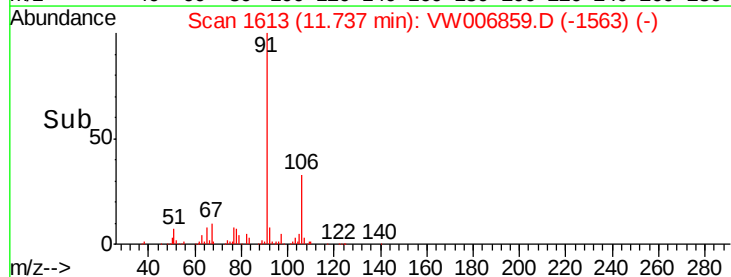
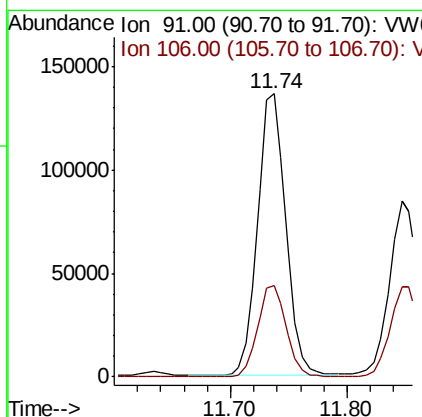
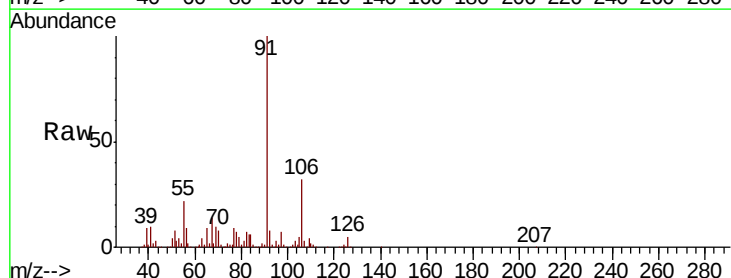
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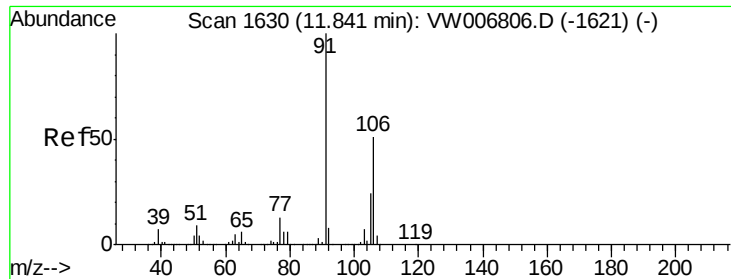
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#67
Ethyl Benzene
Concen: 10.425 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006859.D
Acq: 13 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.6	25.4	38.0





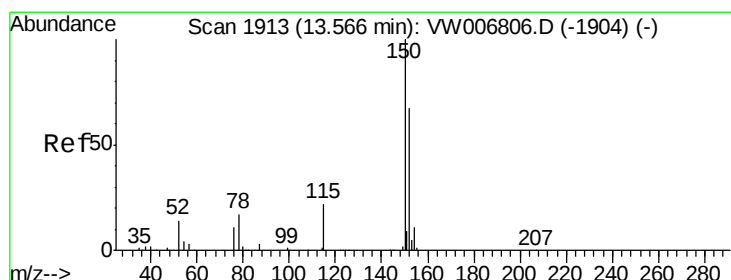
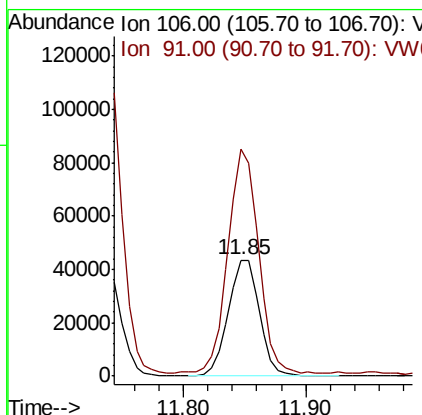
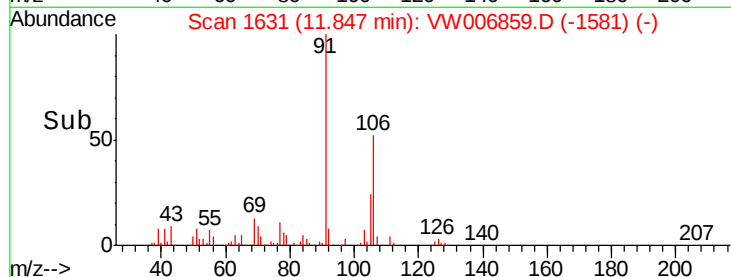
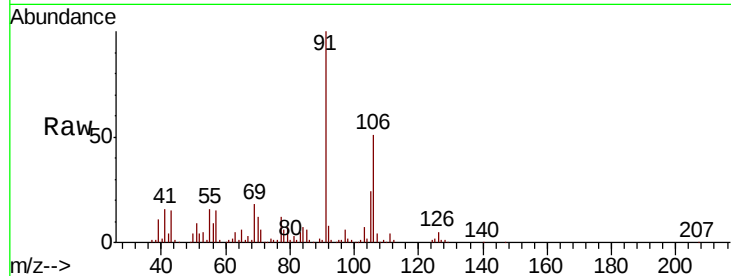
#68
m/p-Xvlenes
Concen: 8.408 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006859.D
Acq: 13 Nov 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-111(22-24)

Tot Ion:106 Resp: 76096
Ion Ratio Lower Upper
106 100
91 190.7 155.7 233.5

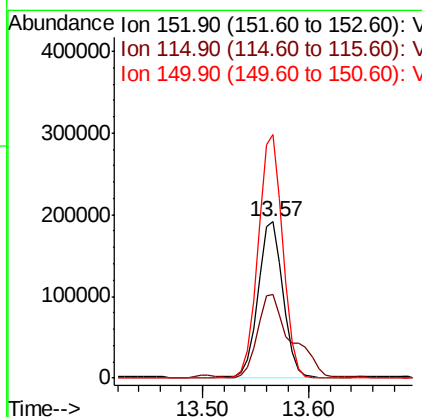
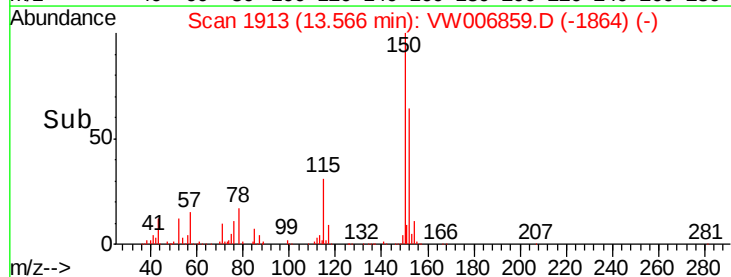
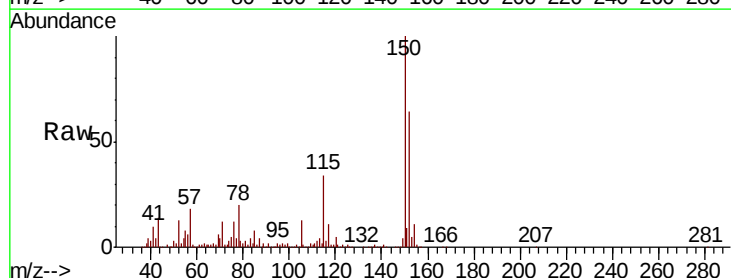
Manual Integrations
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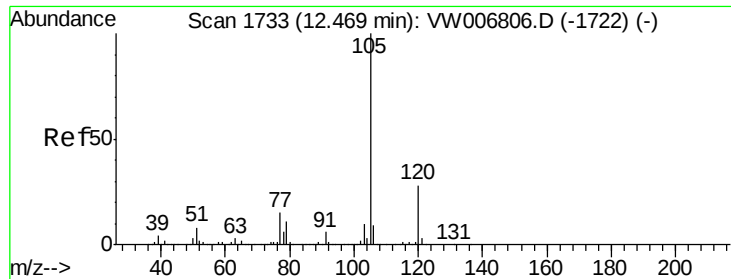
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006859.D
Acq: 13 Nov 2018 17:19

Tgt Ion:152 Resp: 313843
Ion Ratio Lower Upper
152 100
115 73.7 27.3 81.8
150 152.7 0.0 353.0





#73

Isopropylbenzene

Concen: 7.243 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006859.D

Acq: 13 Nov 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-111(22-24)

Tot Ion: 105 Resp: 157797

Ion Ratio Lower Upper

105 100

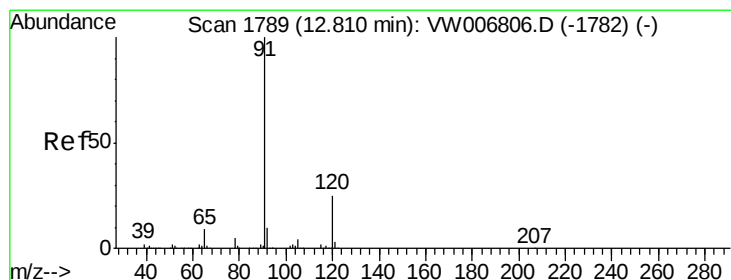
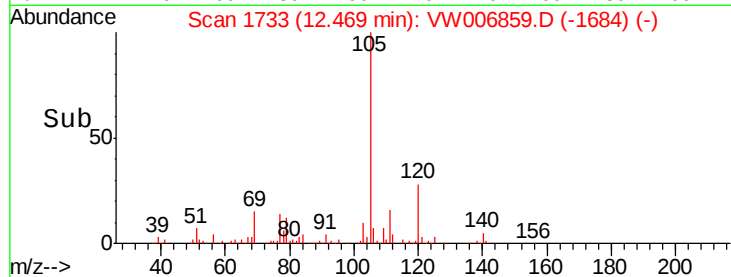
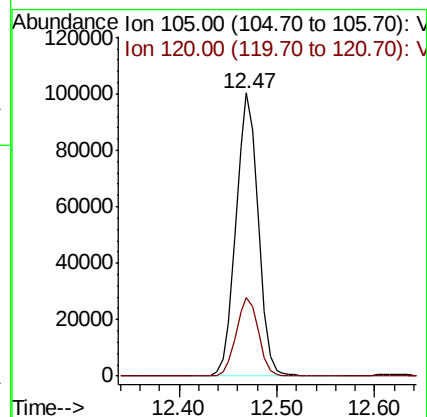
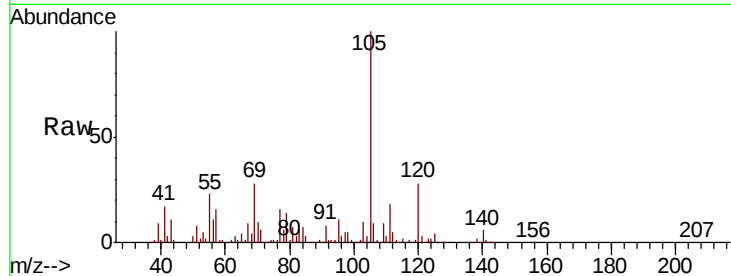
120 27.6 14.0 42.0

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#78

n-propylbenzene

Concen: 28.575 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006859.D

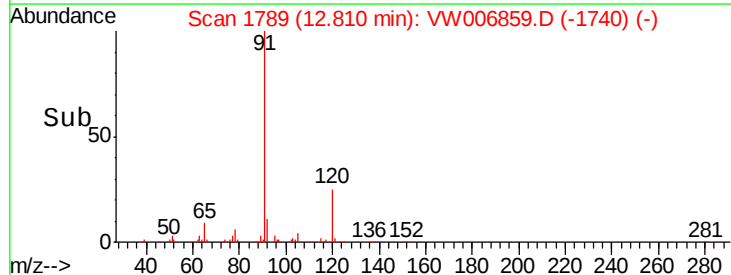
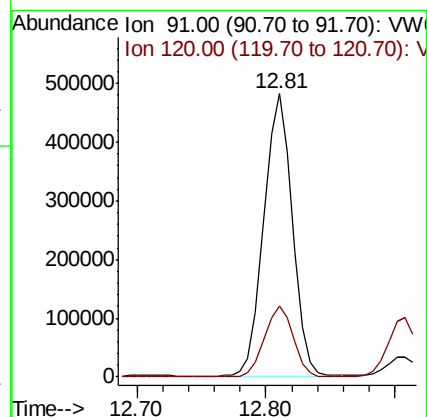
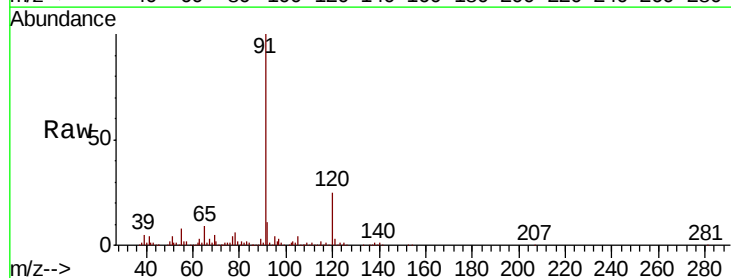
Acq: 13 Nov 2018 17:19

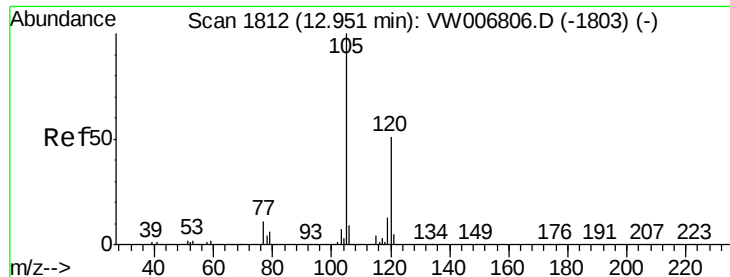
Tgt Ion: 91 Resp: 734703

Ion Ratio Lower Upper

91 100

120 25.4 12.4 37.4





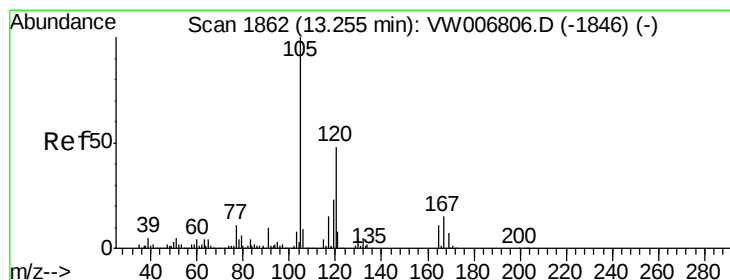
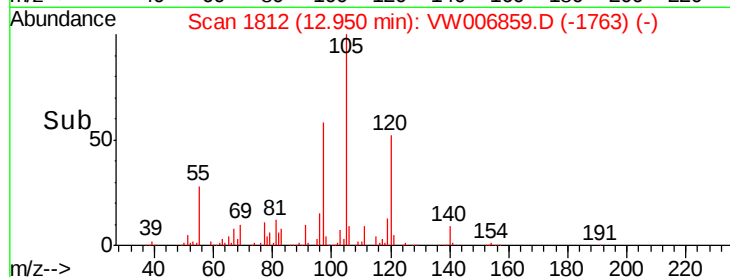
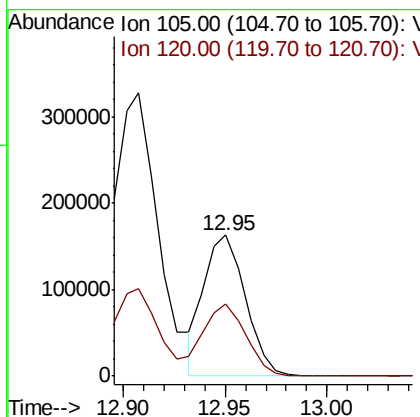
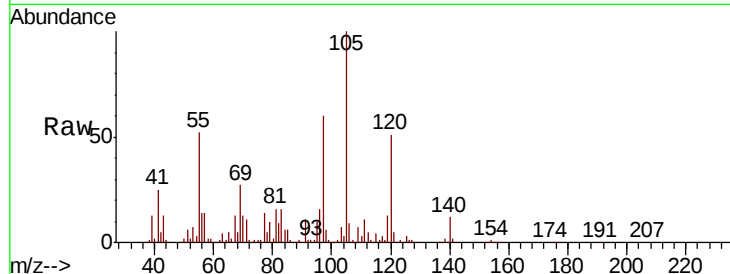
#80
 1,3,5-Trimethylbenzene
 Concen: 12.255 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006859.D
 Acq: 13 Nov 2018 17:19

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-111(22-24)

Tot Ion:105 Resp: 229502
 Ion Ratio Lower Upper
 105 100
 120 55.2 25.3 75.9

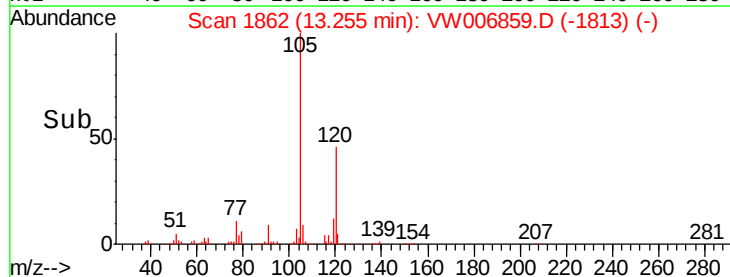
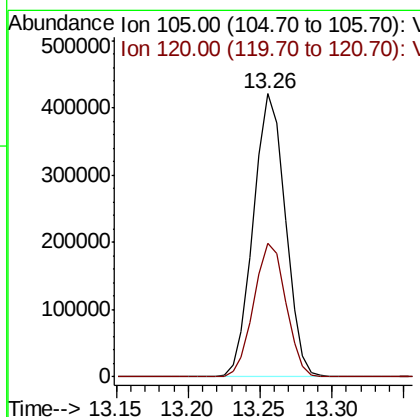
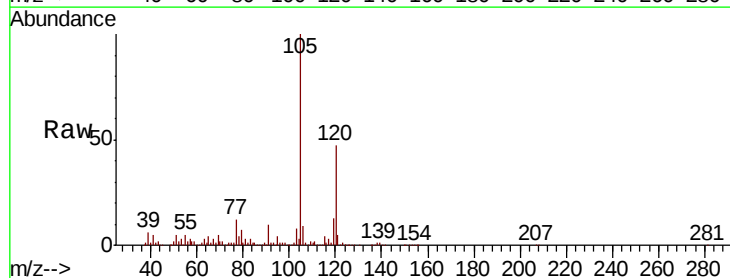
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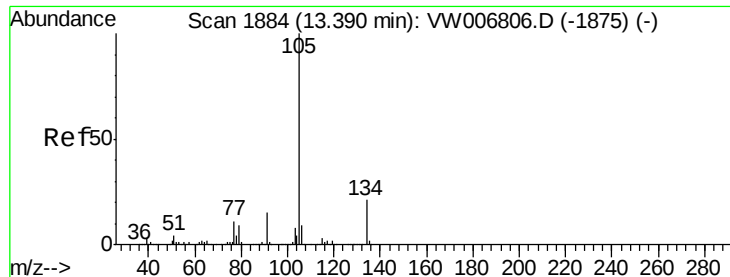
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#84
 1,2,4-Trimethylbenzene
 Concen: 33.825 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006859.D
 Acq: 13 Nov 2018 17:19

Tgt Ion:105 Resp: 644654
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.4 70.0





#85

sec-Butylbenzene

Concen: 4.219 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006859.D

Acq: 13 Nov 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-111(22-24)

Tot Ion:105 Resp: 98968

Ion Ratio Lower Upper

105 100

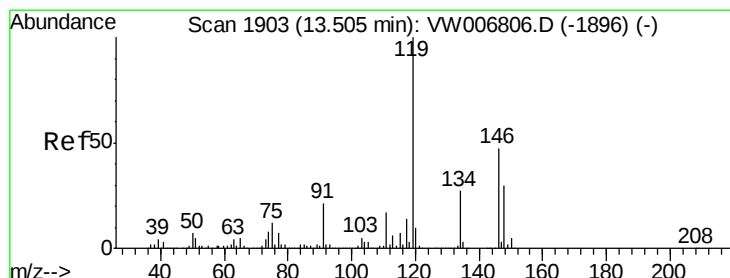
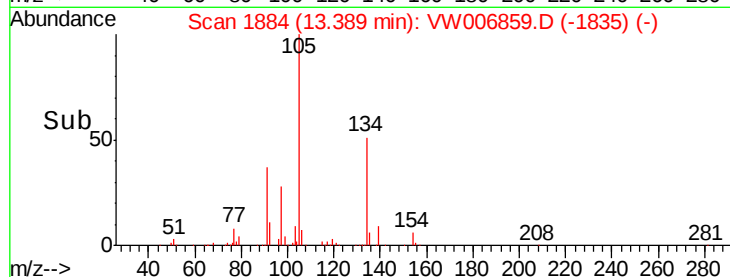
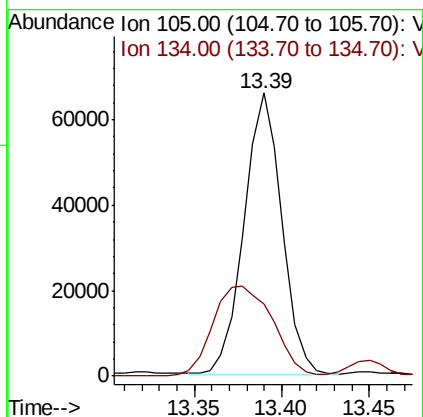
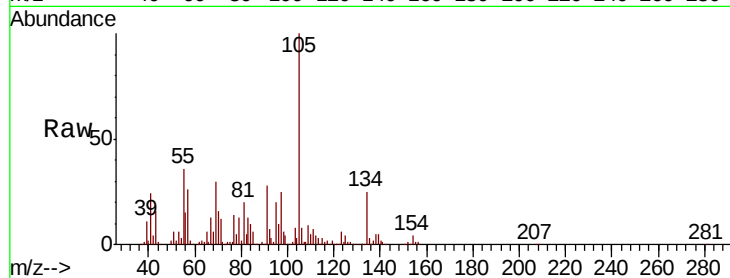
134 50.5 10.7 31.9#

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#86

p-Isopropyltoluene

Concen: 3.535 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006859.D

Acq: 13 Nov 2018 17:19

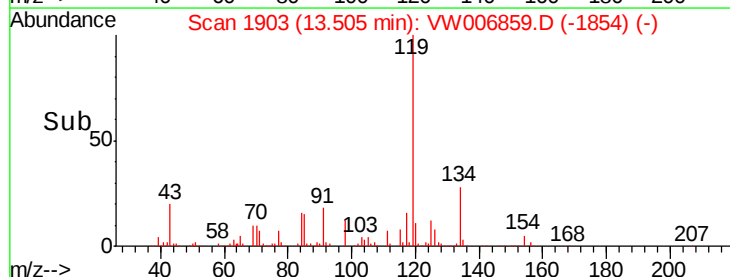
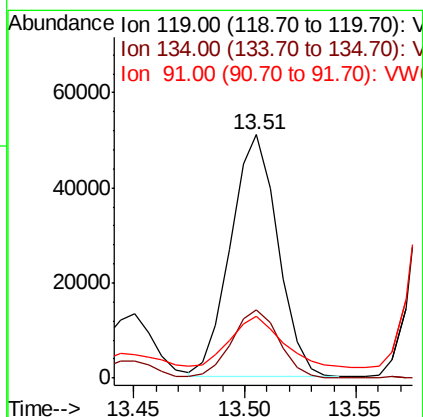
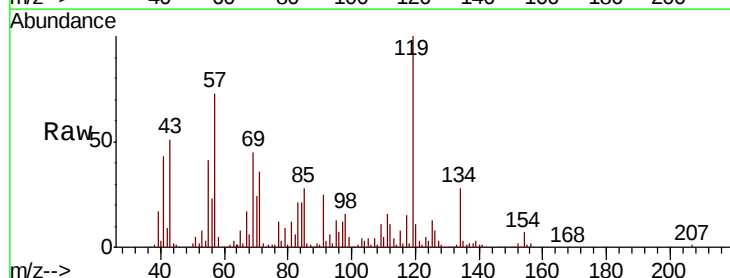
Tgt Ion:119 Resp: 75430

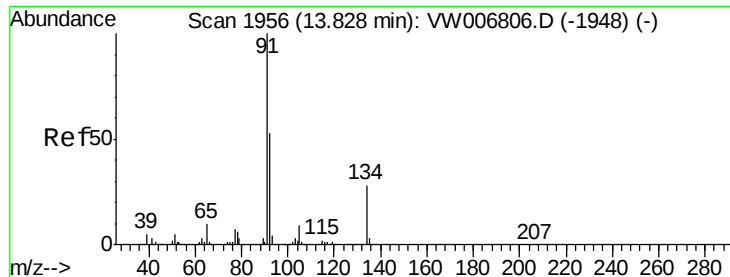
Ion Ratio Lower Upper

119 100

134 27.9 13.5 40.4

91 23.8 10.8 32.4





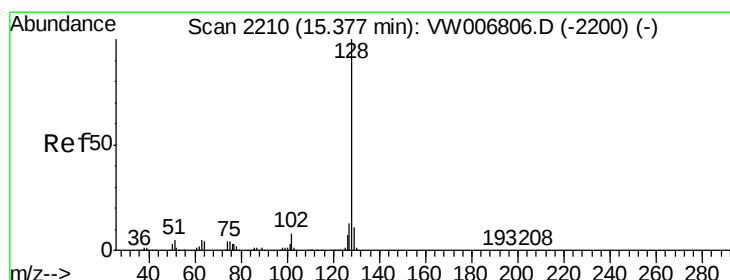
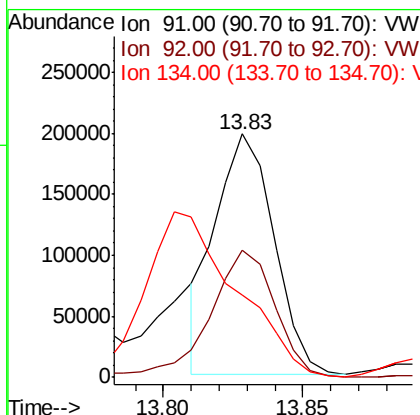
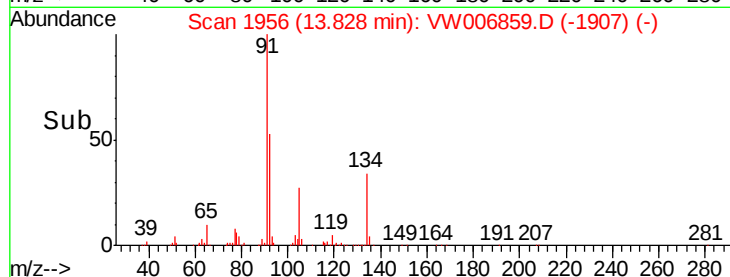
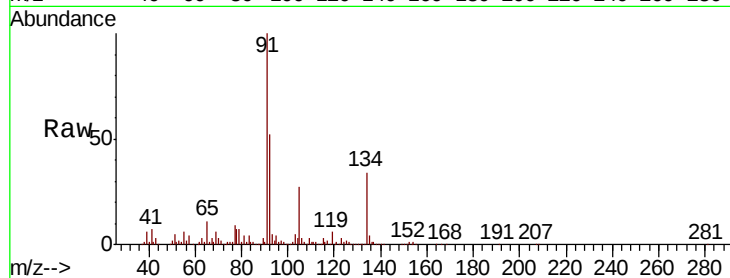
#89
n-Butylbenzene
Concen: 14.702 ug/l m
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006859.D
Acq: 13 Nov 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-111(22-24)

Tot Ion	Ratio	Lower	Upper
91	100		
92	57.8	26.5	79.4
134	0.0	14.4	43.2#

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#95
Naphthalene
Concen: 30.806 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006859.D
Acq: 13 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.6	13.0

