

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013235.D
 Acq On : 23 Sep 2019 16:56
 Operator : SY/VA
 Sample : K4665-01
 Misc : 5.47G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-091919

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:35:41 AM

Quant Time: Sep 24 07:36:11 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	307626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	466892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	371200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	141902	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	138230	55.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.12%	
35) Dibromofluoromethane	7.88	113	131035	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
50) Toluene-d8	10.32	98	525860	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.62	95	159051	43.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.66%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	76981	135.964	ug/l	99
39) Methylcyclohexane	9.34	83	12538	2.157	ug/l #	92
52) Toluene	10.39	92	9569	1.184	ug/l	99
67) Ethyl Benzene	11.73	91	33473	2.383	ug/l	99
68) m/p-Xylenes	11.83	106	55627	10.394	ug/l	98
69) o-Xylene	12.16	106	129308	25.987	ug/l	97
73) Isopropylbenzene	12.46	105	31913	3.044	ug/l	99
78) n-propylbenzene	12.80	91	149955	12.221	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	465119	52.785	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	764306	87.167	ug/l	99
85) sec-Butylbenzene	13.38	105	93114	8.733	ug/l	80
86) p-Isopropyltoluene	13.50	119	97063	9.814	ug/l	99
89) n-Butylbenzene	13.82	91	139871	15.489	ug/l #	73
95) Naphthalene	15.36	128	78434	16.181	ug/l #	94

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

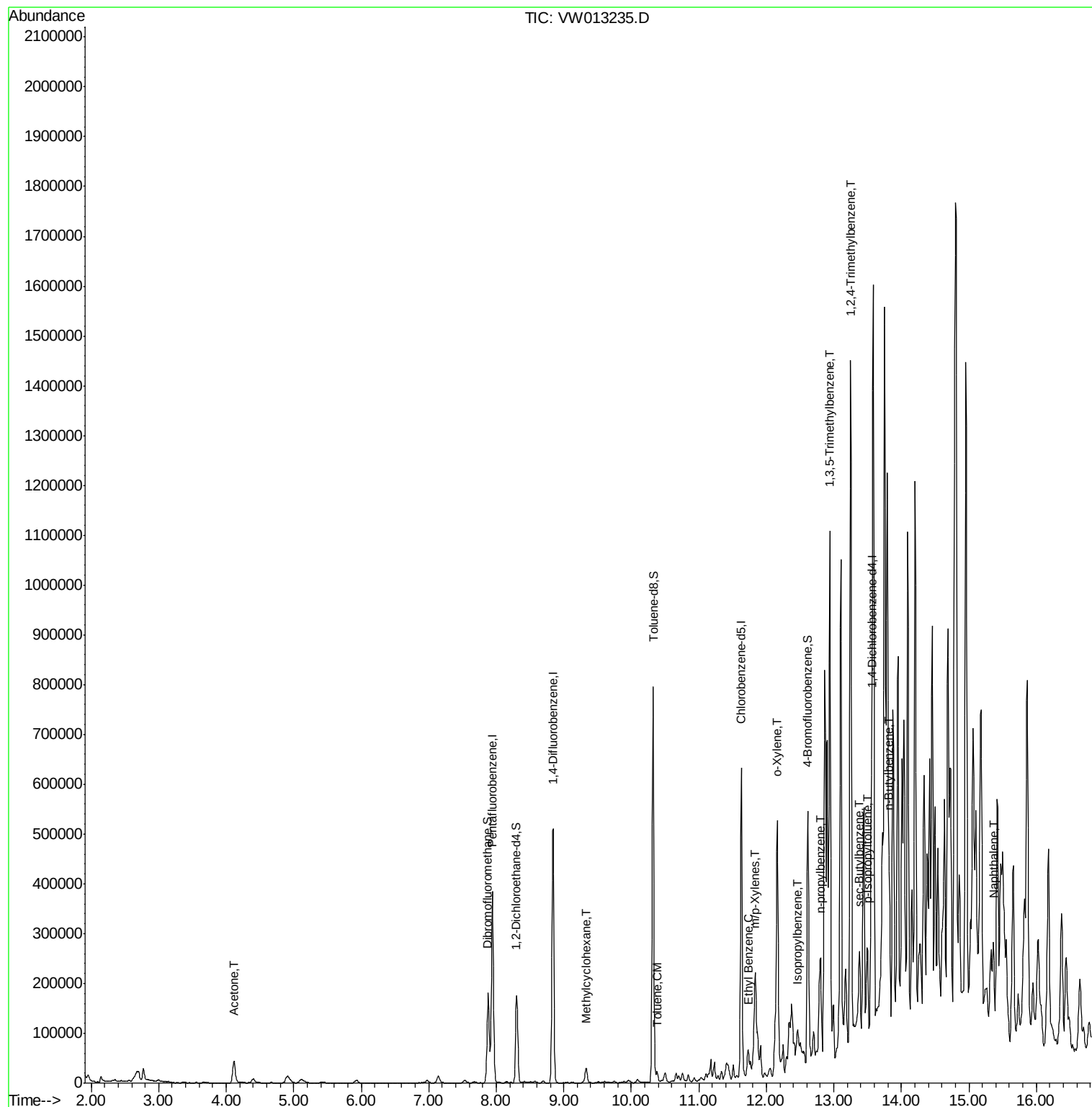
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092319\
Data File : VW013235.D
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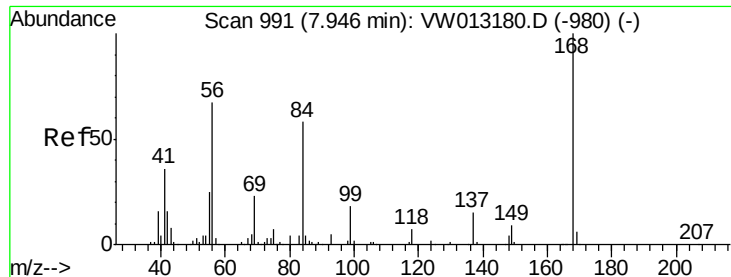
Instrument :
MSVOA_W
ClientSampleId :
EO-01-091919

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Quant Time: Sep 24 07:36:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

EO-01-091919

Tot Ion:168 Resp: 307626

Ion Ratio Lower Upper

168 100

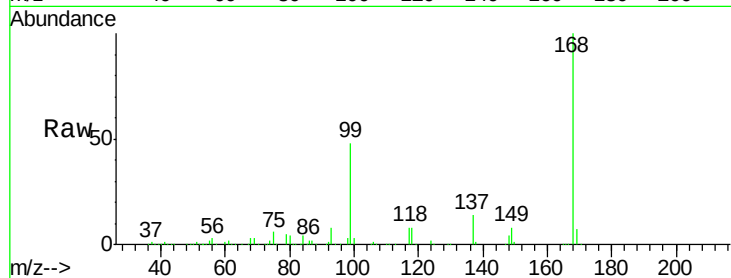
99 48.1 40.2 60.4

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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

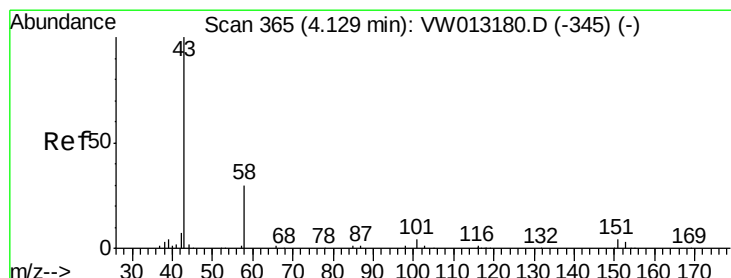
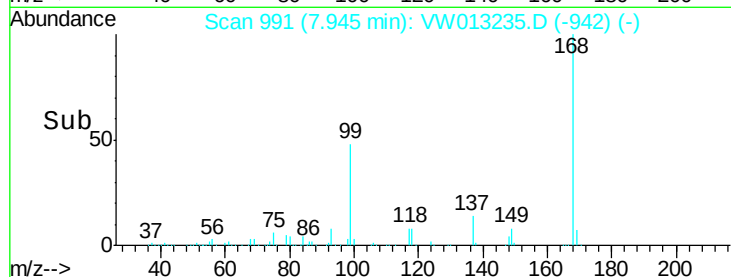
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 135.964 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW013235.D

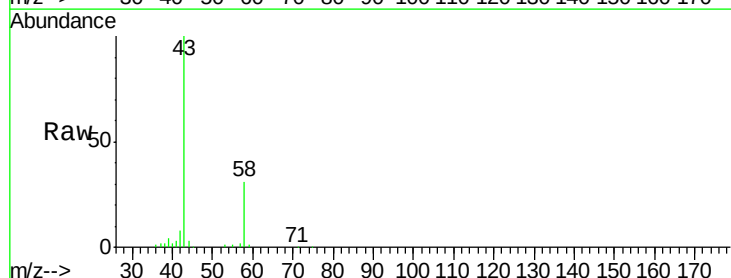
Acq: 23 Sep 2019 16:56

Tgt Ion: 43 Resp: 76981

Ion Ratio Lower Upper

43 100

58 30.8 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

30000

25000

20000

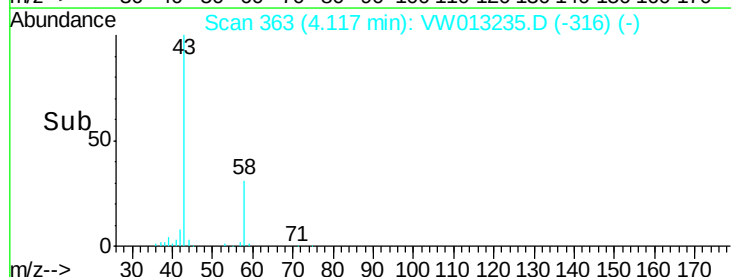
15000

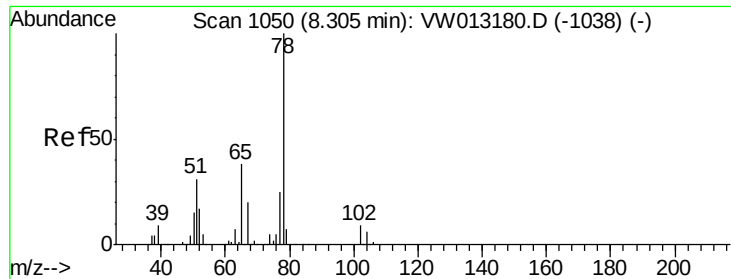
10000

5000

0

Time--> 4.00 4.10 4.20





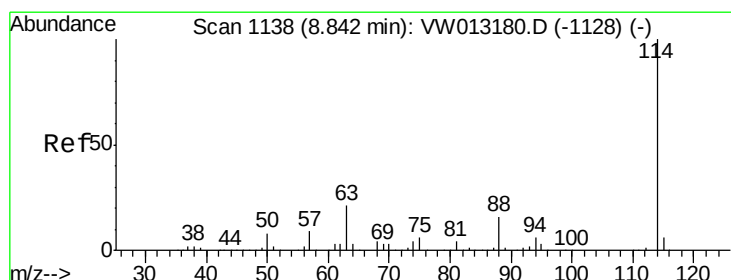
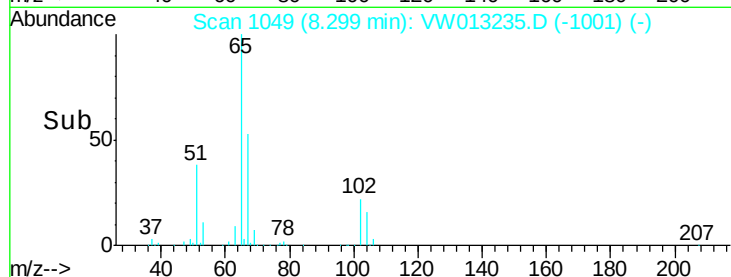
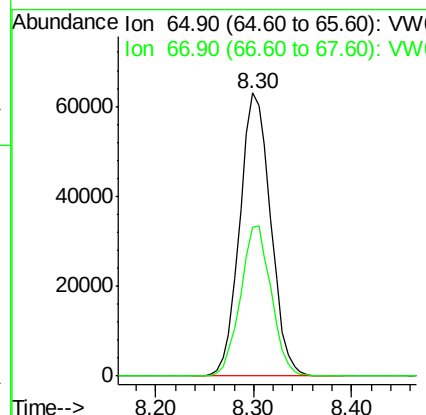
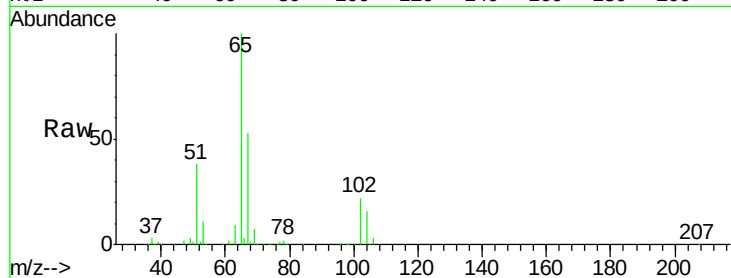
#33
 1,2-Dichloroethane-d4
 Concen: 55.057 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013235.D
 Acq: 23 Sep 2019 16:56

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-091919

Tot Ion	Ratio	Resp	Lower	Upper
65	100	138230		
67	52.9	0.0	106.2	

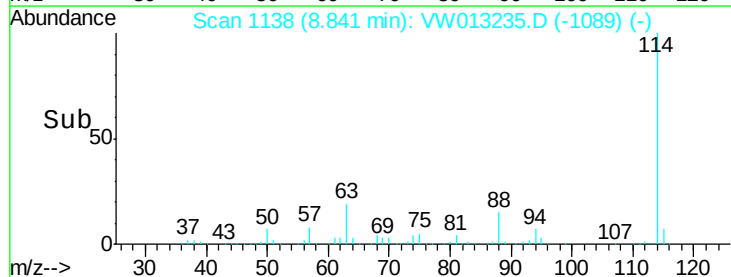
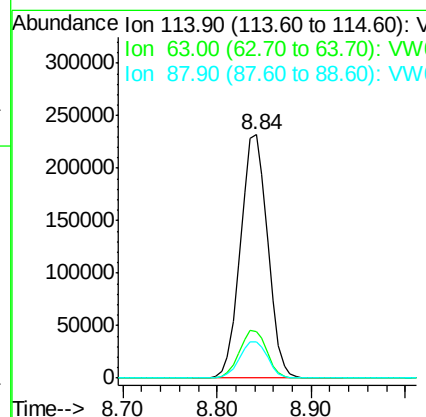
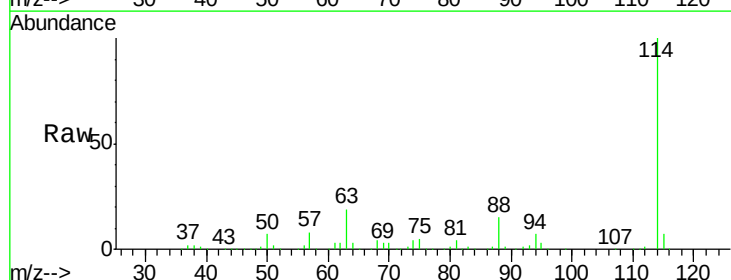
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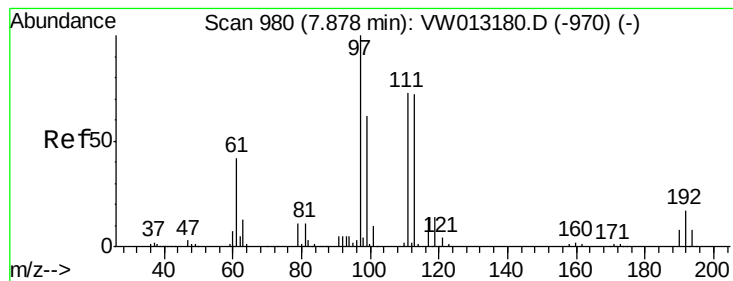
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013235.D
 Acq: 23 Sep 2019 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	466892		
63	19.4	0.0	41.4	
88	14.9	0.0	32.0	





#35

Dibromofluoromethane

Concen: 51.028 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

Instrument :

MSVOA_W

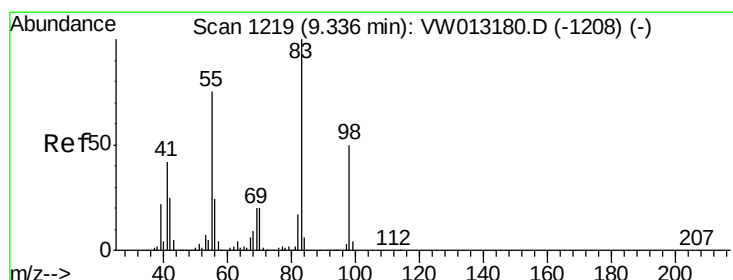
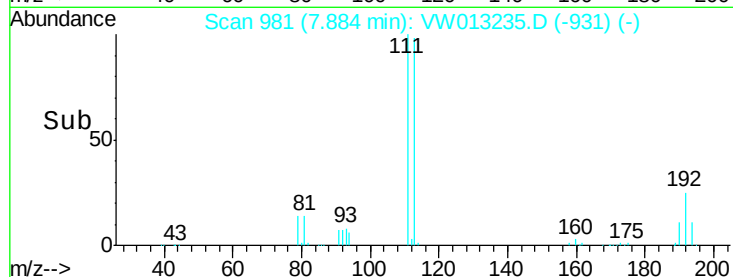
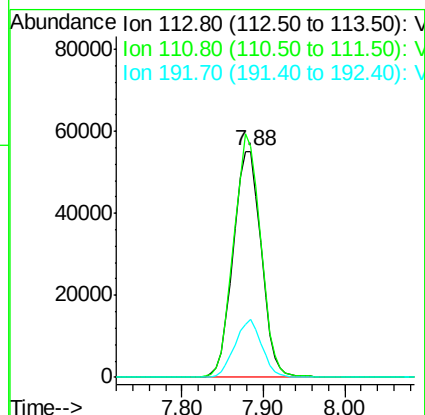
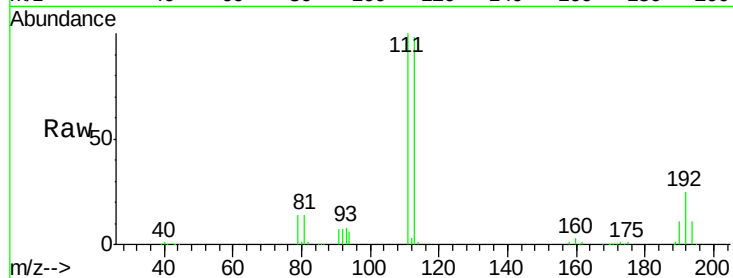
ClientSampleId :

EO-01-091919

Tot Ion:	113	Resp:	131035
Ion Ratio	Lower	Upper	
113	100		
111	103.7	81.9	122.9
192	24.4	19.1	28.7

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#39

Methylcyclohexane

Concen: 2.157 ug/l

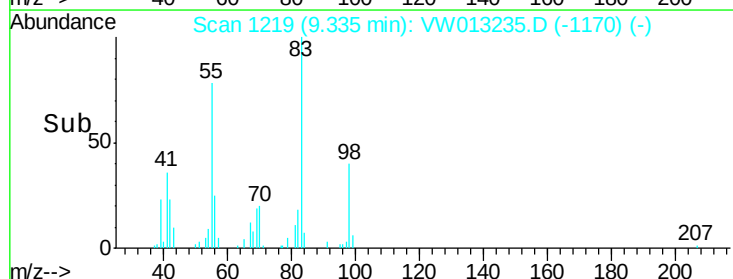
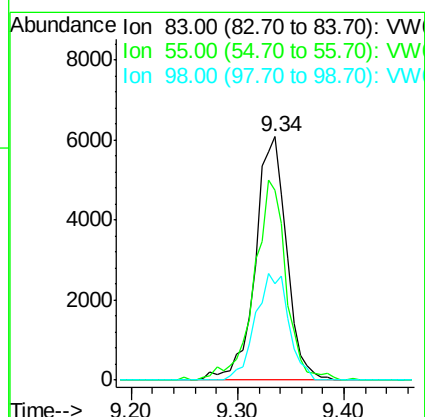
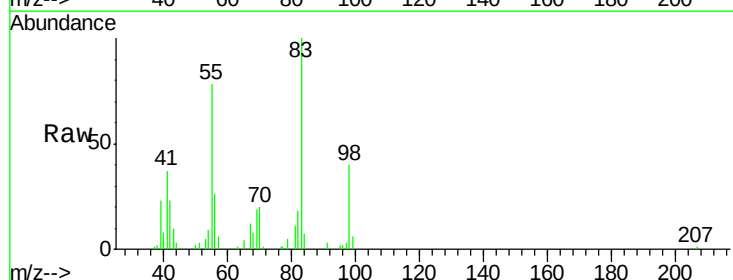
RT: 9.34 min Scan# 1219

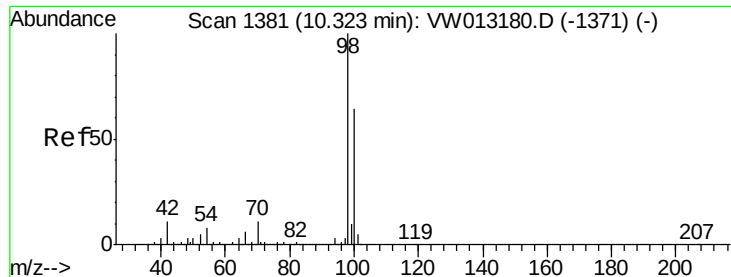
Delta R.T. -0.00 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

Tgt Ion:	83	Resp:	12538
Ion Ratio	Lower	Upper	
83	100		
55	78.0	60.4	90.6
98	39.6	40.0	60.0#





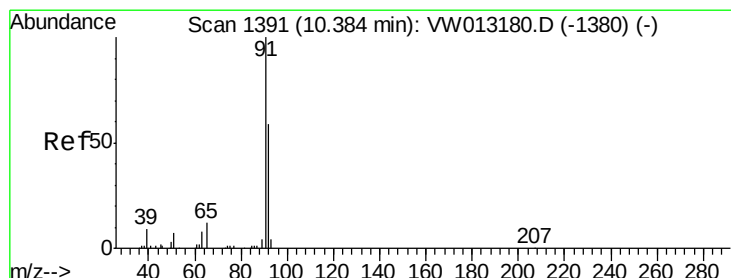
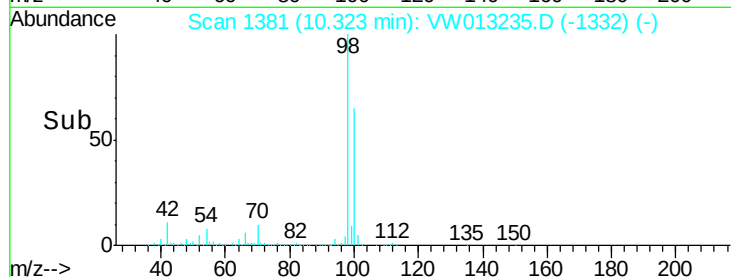
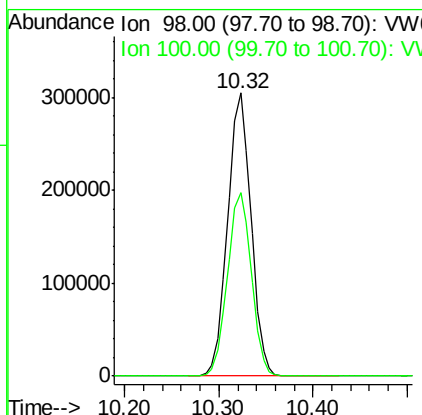
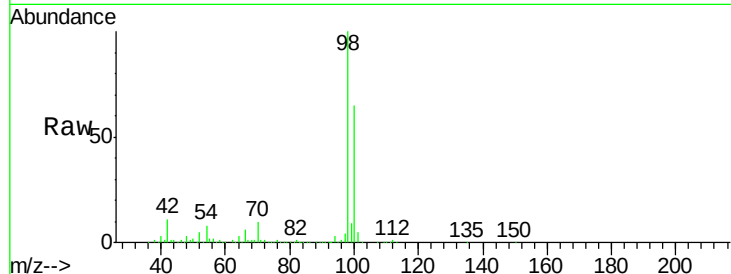
#50
Toluene-d8
Concen: 48.931 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

Instrument :
MSVOA_W
ClientSampleId :
EO-01-091919

Tot Ion	98	Resp	525860
Ion Ratio	100	Lower	Upper
98	100		
100	66.3	52.9	79.3

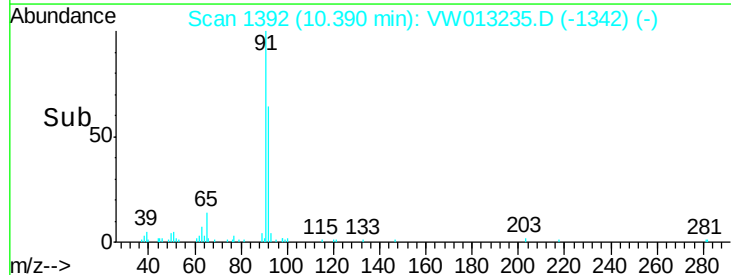
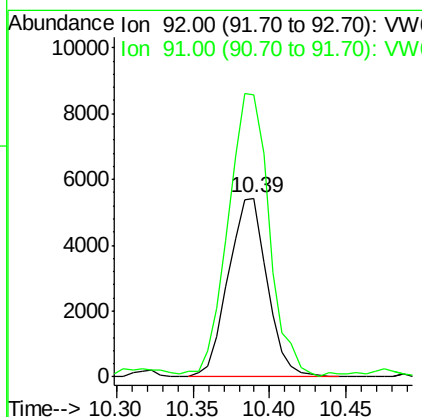
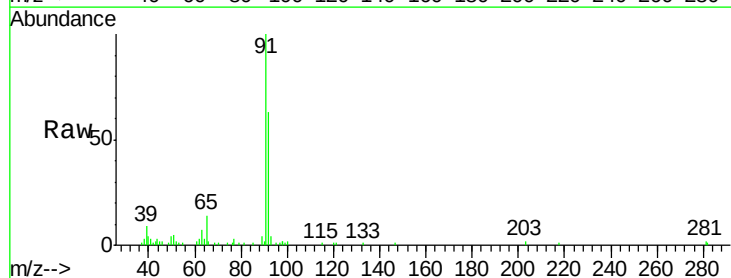
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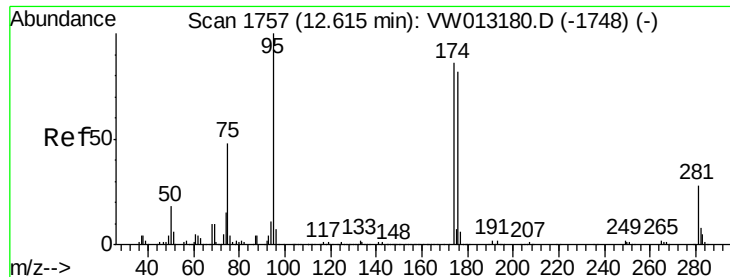
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#52
Toluene
Concen: 1.184 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

Tgt Ion	92	Resp	9569
Ion Ratio	100	Lower	Upper
92	100		
91	168.4	135.7	203.5





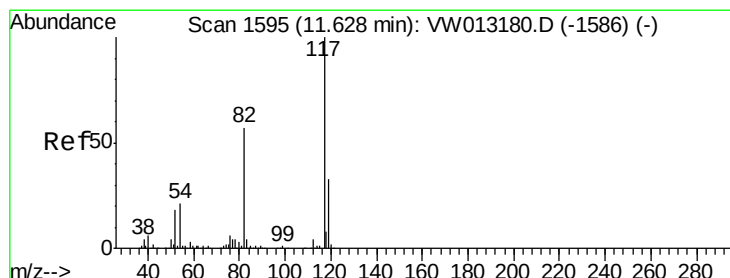
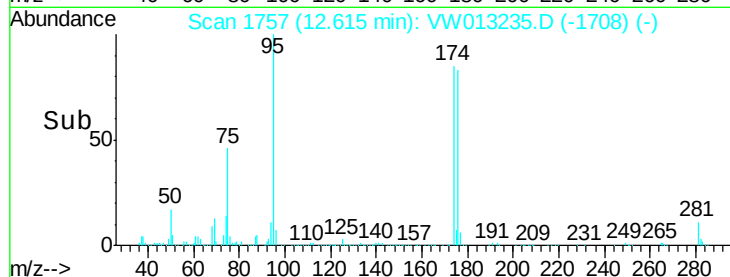
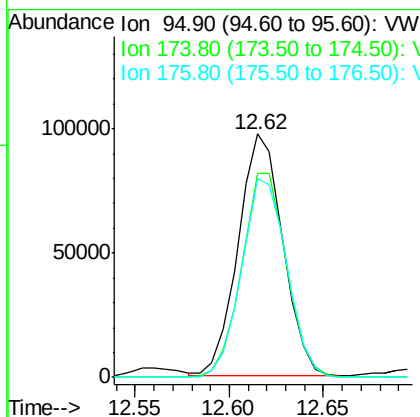
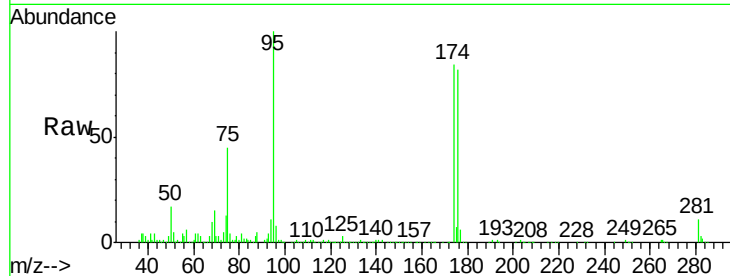
#62
4-Bromofluorobenzene
Concen: 43.325 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

Instrument :
MSVOA_W
ClientSampleId :
EO-01-091919

Tot Ion	Ratio	Resp	Lower	Upper
95	100	159051		
174	85.4	0.0	178.4	
176	84.1	0.0	172.2	

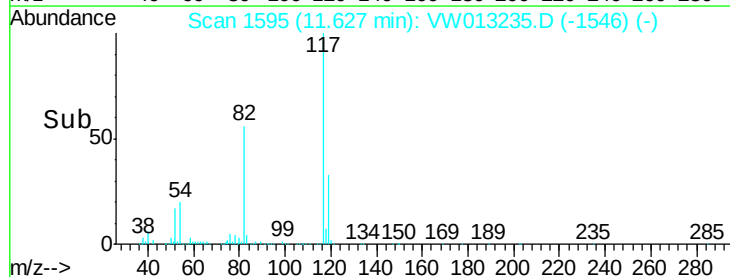
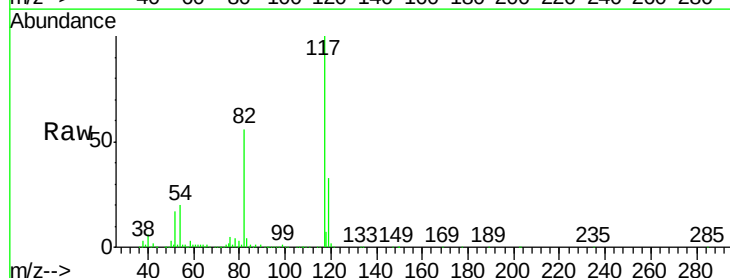
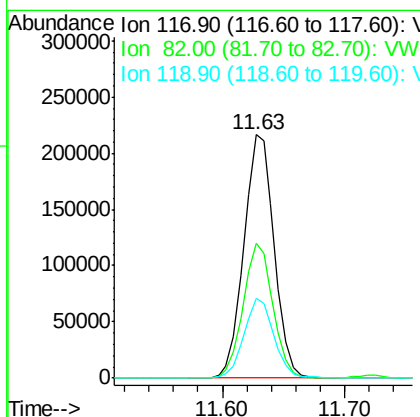
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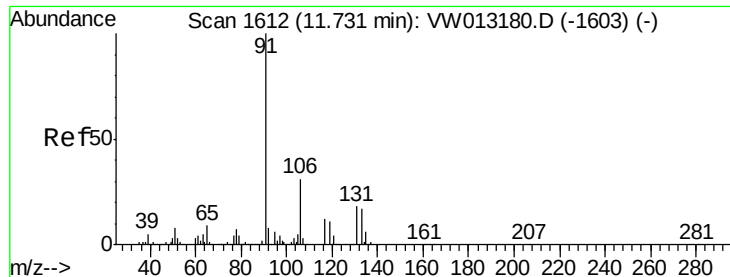
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	371200		
82	55.4	45.9	68.9	
119	32.4	26.2	39.2	





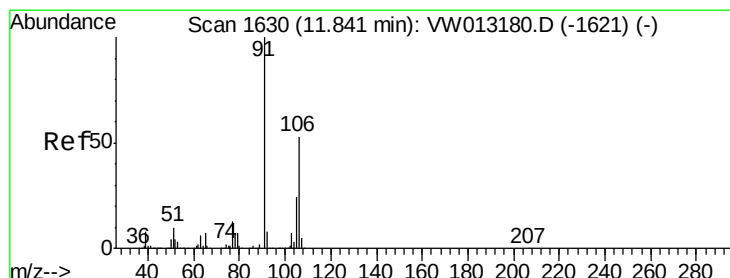
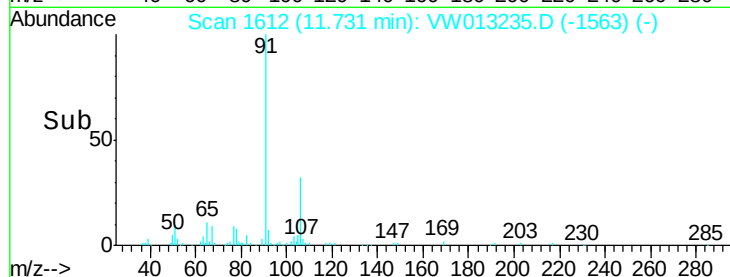
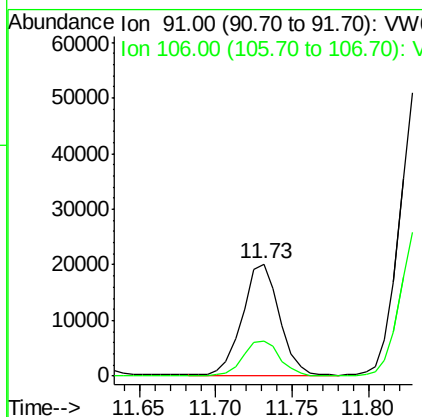
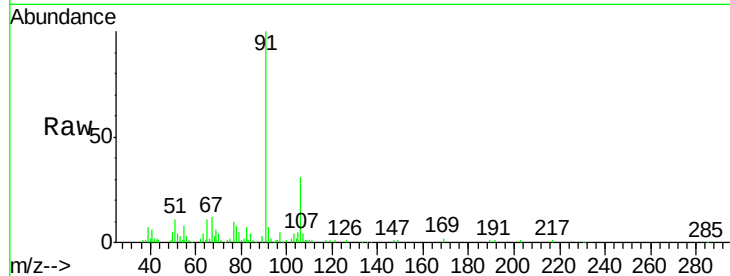
#67
Ethyl Benzene
Concen: 2.383 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

Instrument :
MSVOA_W
ClientSampled :
EO-01-091919

Tot Ion: 91 Resp: 33473
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

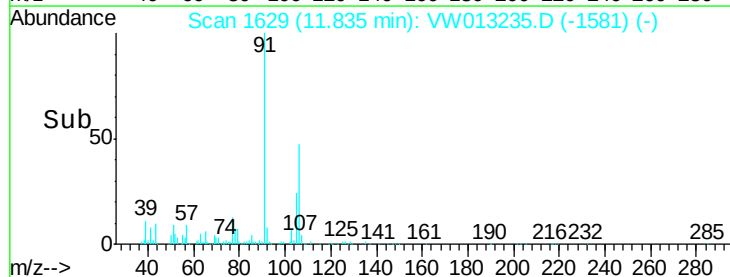
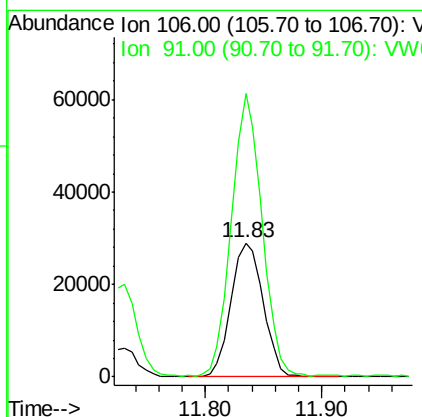
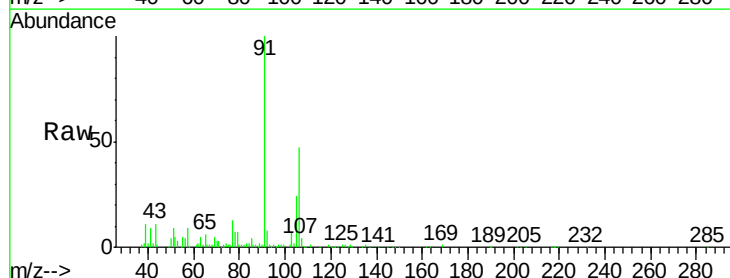
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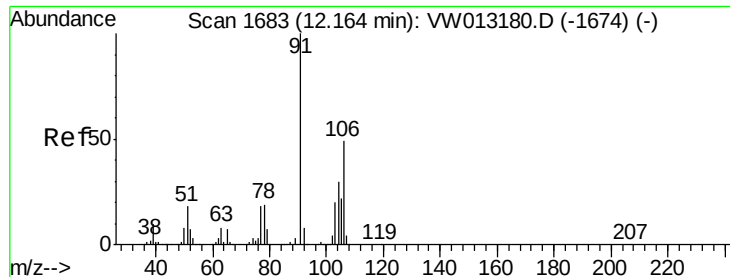
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#68
m/p-Xylenes
Concen: 10.394 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

Tgt Ion: 106 Resp: 55627
Ion Ratio Lower Upper
106 100
91 200.0 157.9 236.9





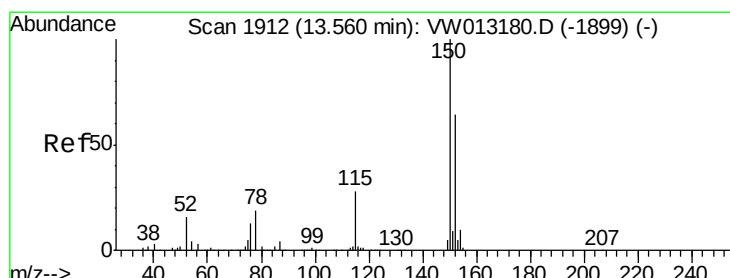
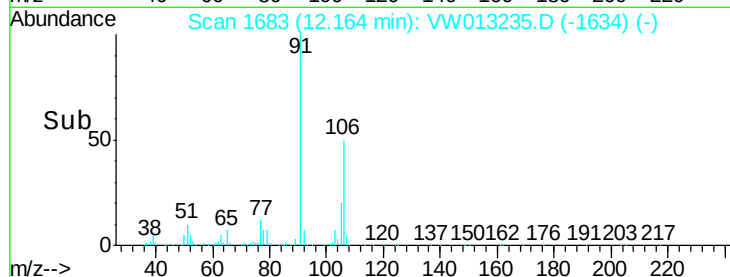
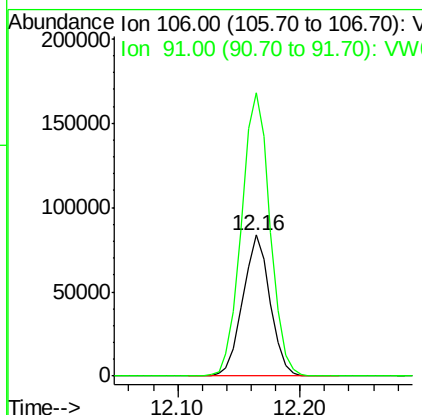
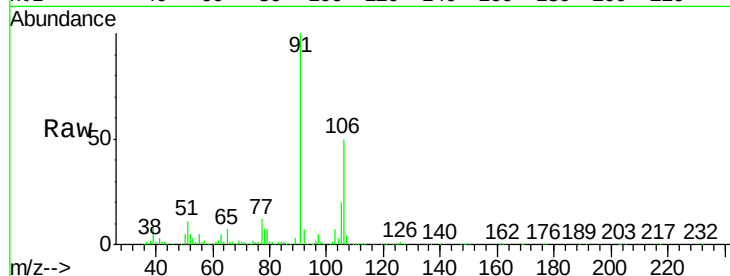
#69
o-Xylene
Concen: 25.987 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

Instrument :
MSVOA_W
ClientSampleId :
EO-01-091919

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		129308		
91	209.0	106.5	319.5		

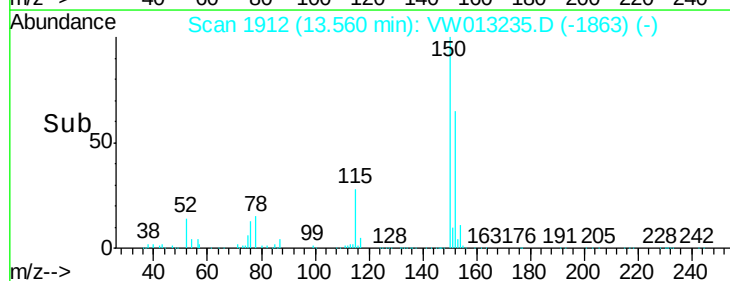
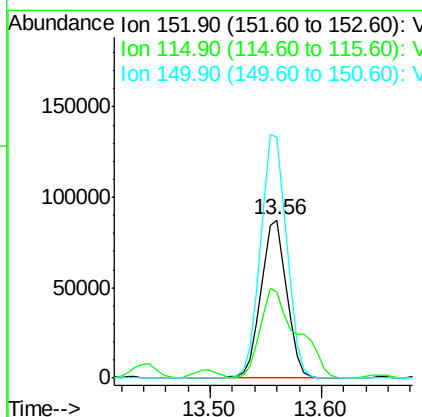
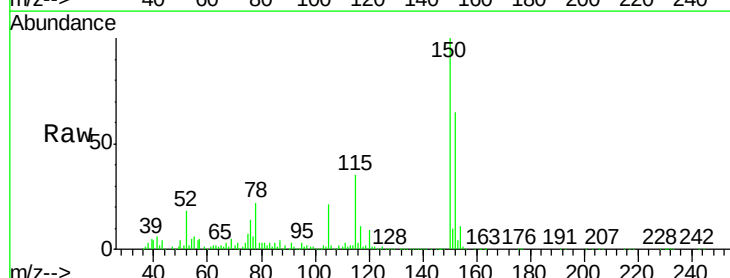
Manual Integrations
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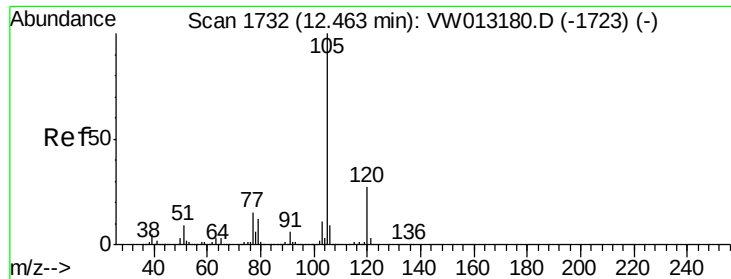
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		141902		
115	79.9	27.3	81.9		
150	156.8	0.0	349.0		





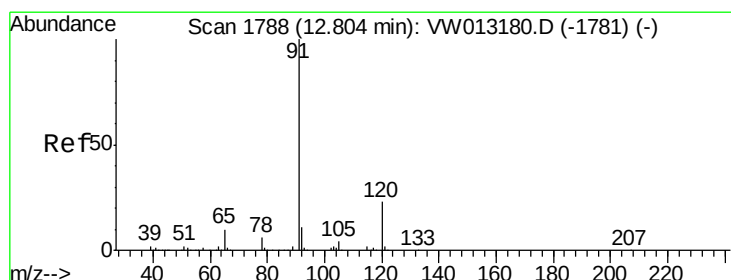
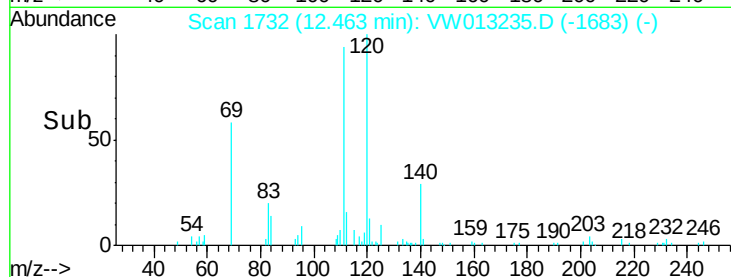
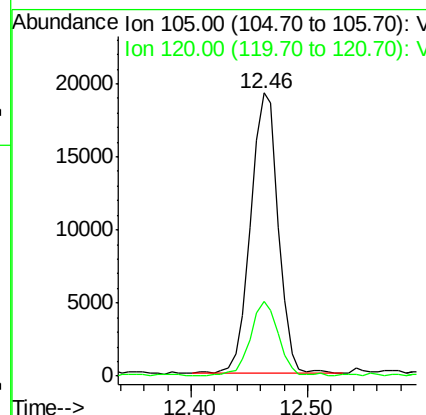
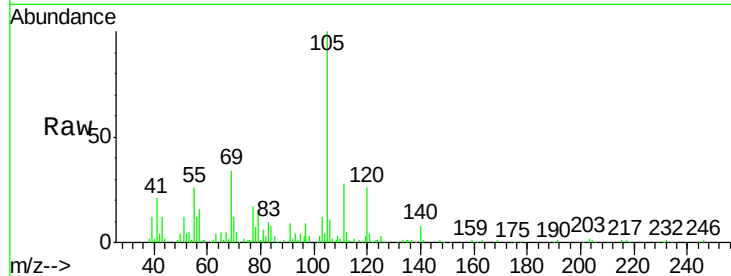
#73
Isopropylbenzene
Concen: 3.044 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

Instrument :
MSVOA_W
ClientSampleId :
EO-01-091919

Tot Ion: 105 Resp: 31913
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1

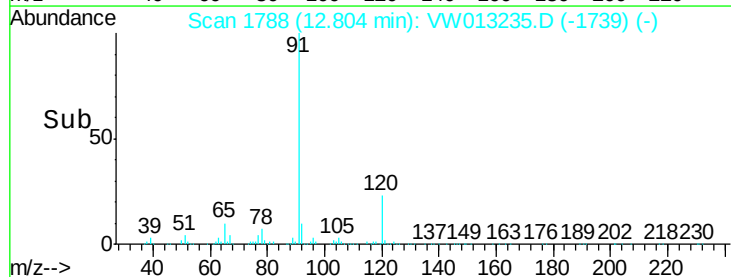
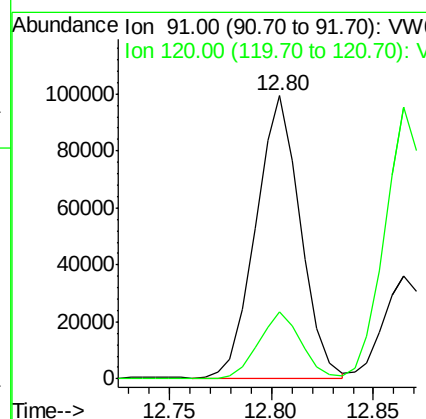
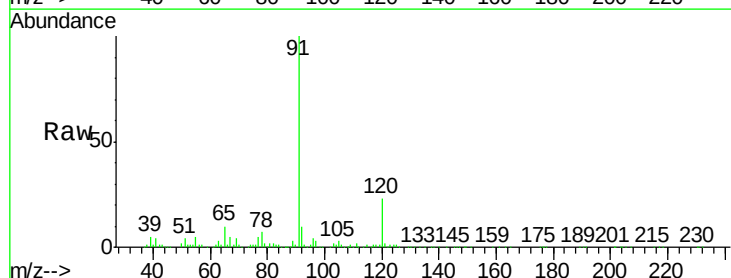
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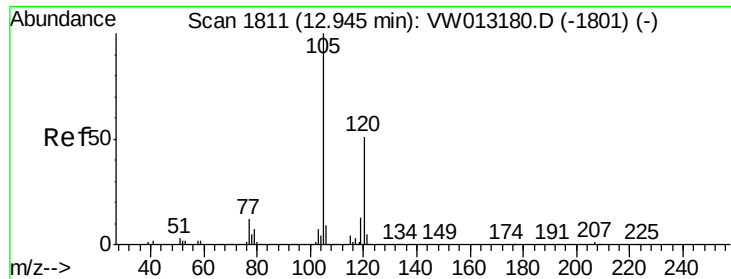
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#78
n-propylbenzene
Concen: 12.221 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

Tgt Ion: 91 Resp: 149955
Ion Ratio Lower Upper
91 100
120 22.9 11.7 35.1





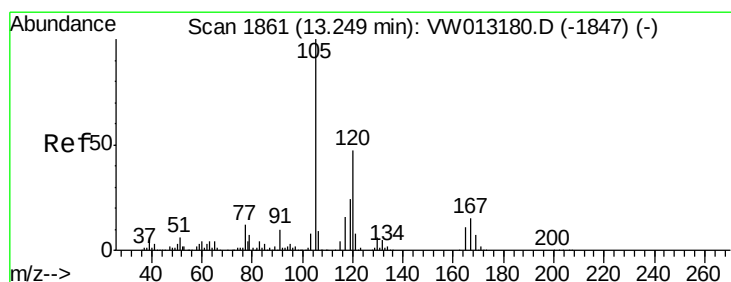
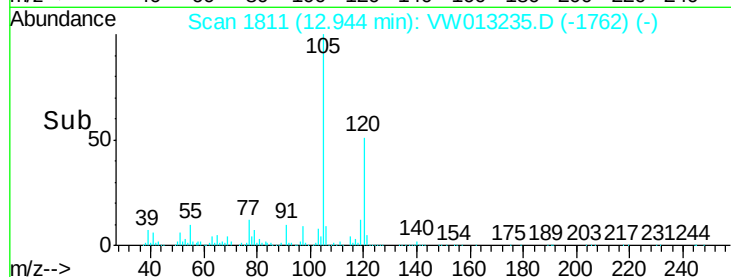
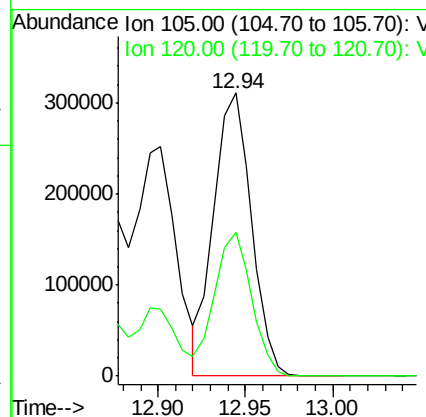
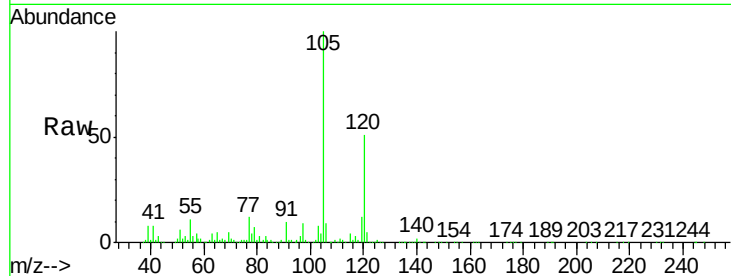
#80
 1,3,5-Trimethylbenzene
 Concen: 52.785 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW013235.D
 Acq: 23 Sep 2019 16:56

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-091919

Tot Ion	Ratio	Lower	Upper
105	100		
120	50.0	24.9	74.8

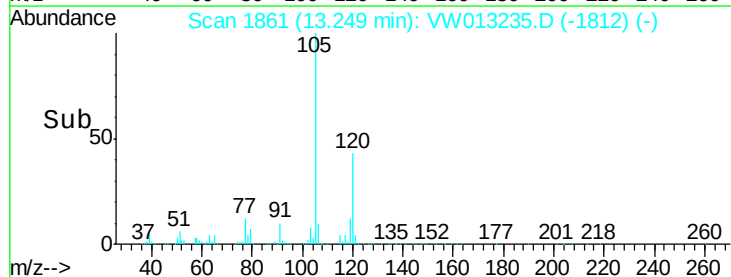
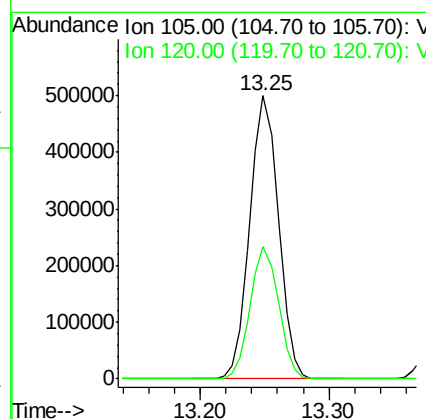
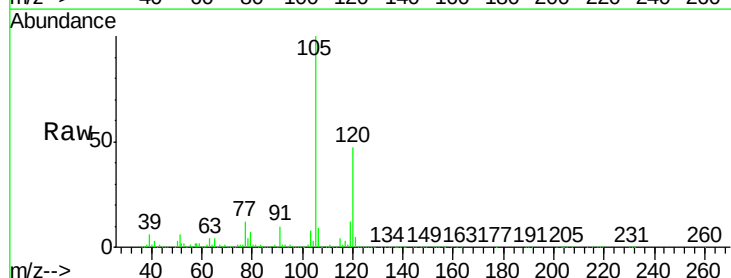
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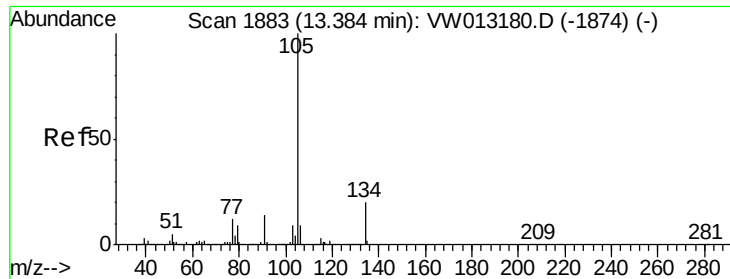
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#84
 1,2,4-Trimethylbenzene
 Concen: 87.167 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013235.D
 Acq: 23 Sep 2019 16:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.4	70.3





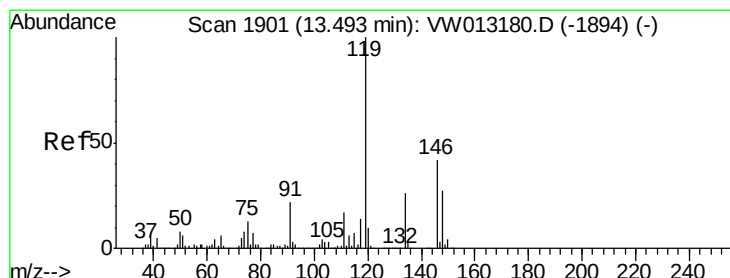
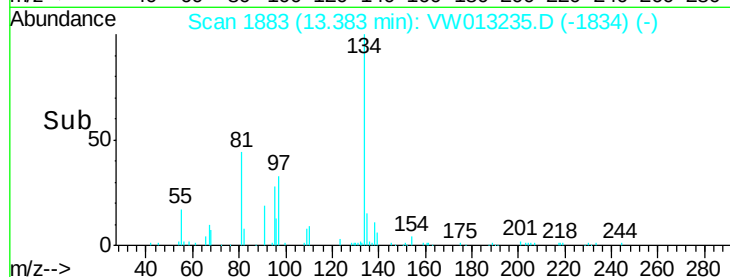
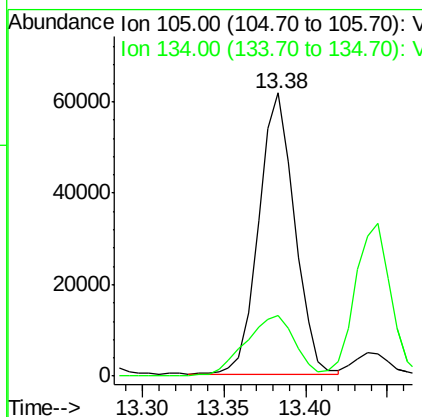
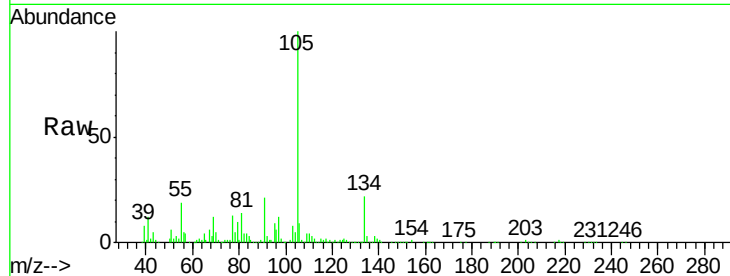
#85
 sec-Butylbenzene
 Concen: 8.733 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013235.D
 Acq: 23 Sep 2019 16:56

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-091919

Tot Ion	Ratio	Lower	Upper
105	100		
134	29.6	10.3	30.8

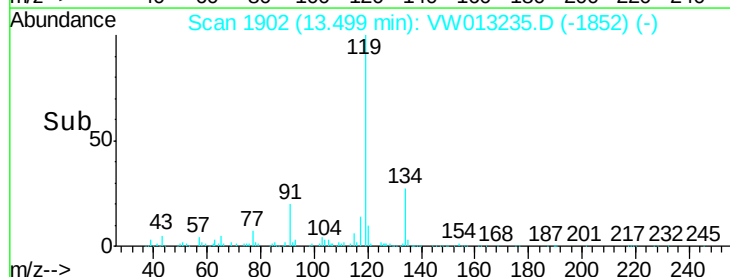
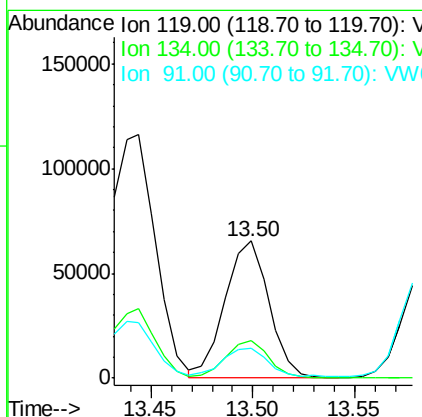
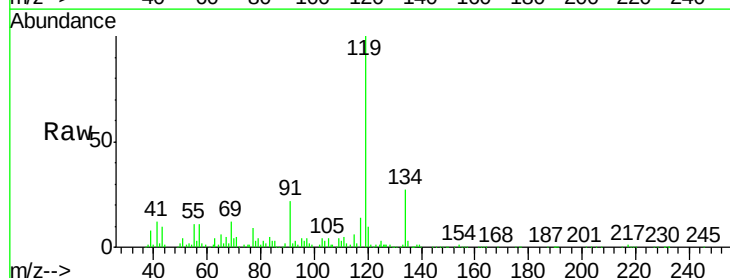
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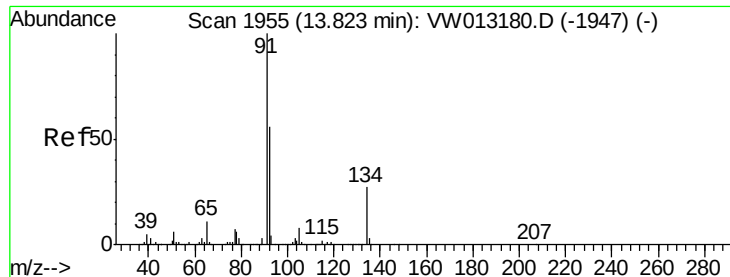
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#86
 p-Isopropyltoluene
 Concen: 9.814 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: VW013235.D
 Acq: 23 Sep 2019 16:56

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.3	39.8
91	20.8	10.8	32.4





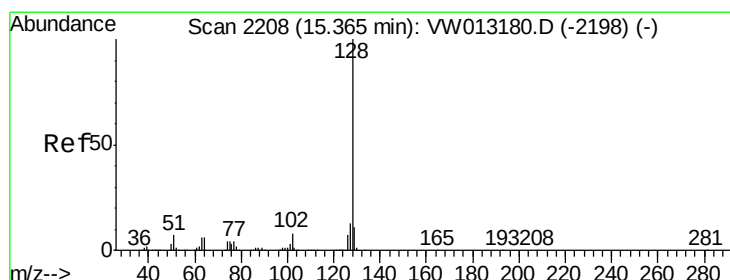
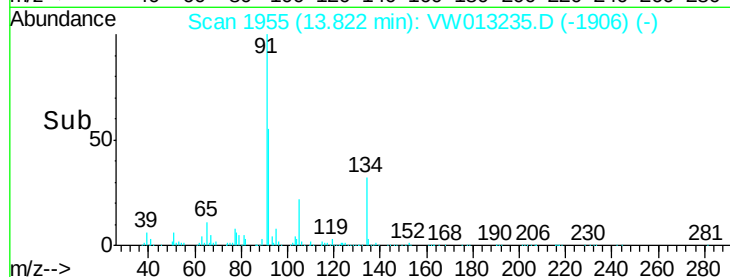
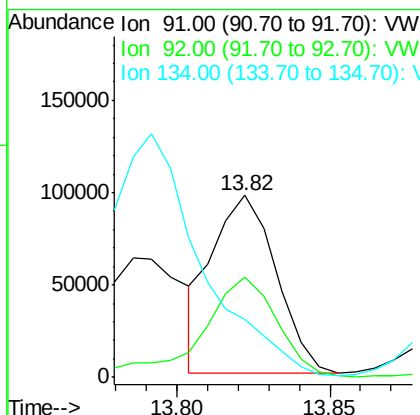
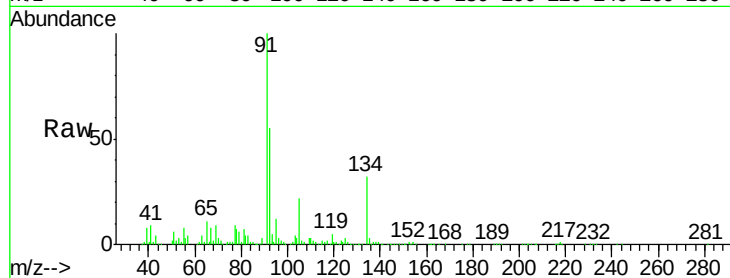
#89
n-Butylbenzene
Concen: 15.489 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

Instrument :
MSVOA_W
ClientSampleId :
EO-01-091919

Tot Ion	Ratio	Lower	Upper
91	100		
92	66.0	27.6	82.8
134	0.0	13.7	41.1#

Manual Integrations
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#95
Naphthalene
Concen: 16.181 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.6	15.8
129	7.8	8.7	13.1#

