

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011040.D
 Acq On : 28 Jun 2019 02:44
 Operator : SY/VA
 Sample : K3157-13
 Misc : 6.79G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-062619-B

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:26:58 AM

Quant Time: Jun 28 09:16:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	188317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	314984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	260988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	98762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	128241	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	7.88	113	97172	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	10.32	98	385029	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.62	95	121532	41.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.94%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	28750	47.844	ug/l	100
25) 2-Butanone	7.17	43	5409	5.922	ug/l	92
39) Methylcyclohexane	9.33	83	5083	1.220	ug/l	93
52) Toluene	10.38	92	21481	3.768	ug/l	96
67) Ethyl Benzene	11.73	91	25252	2.468	ug/l	95
68) m/p-Xylenes	11.84	106	27366	7.370	ug/l	98
69) o-Xylene	12.16	106	13847	4.004	ug/l	98
78) n-propylbenzene	12.80	91	19850	2.167	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	15932	2.541	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	48930	7.720	ug/l	100
89) n-Butylbenzene	13.82	91	7154m	1.030	ug/l	
95) Naphthalene	15.36	128	4552	1.192	ug/l #	82

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

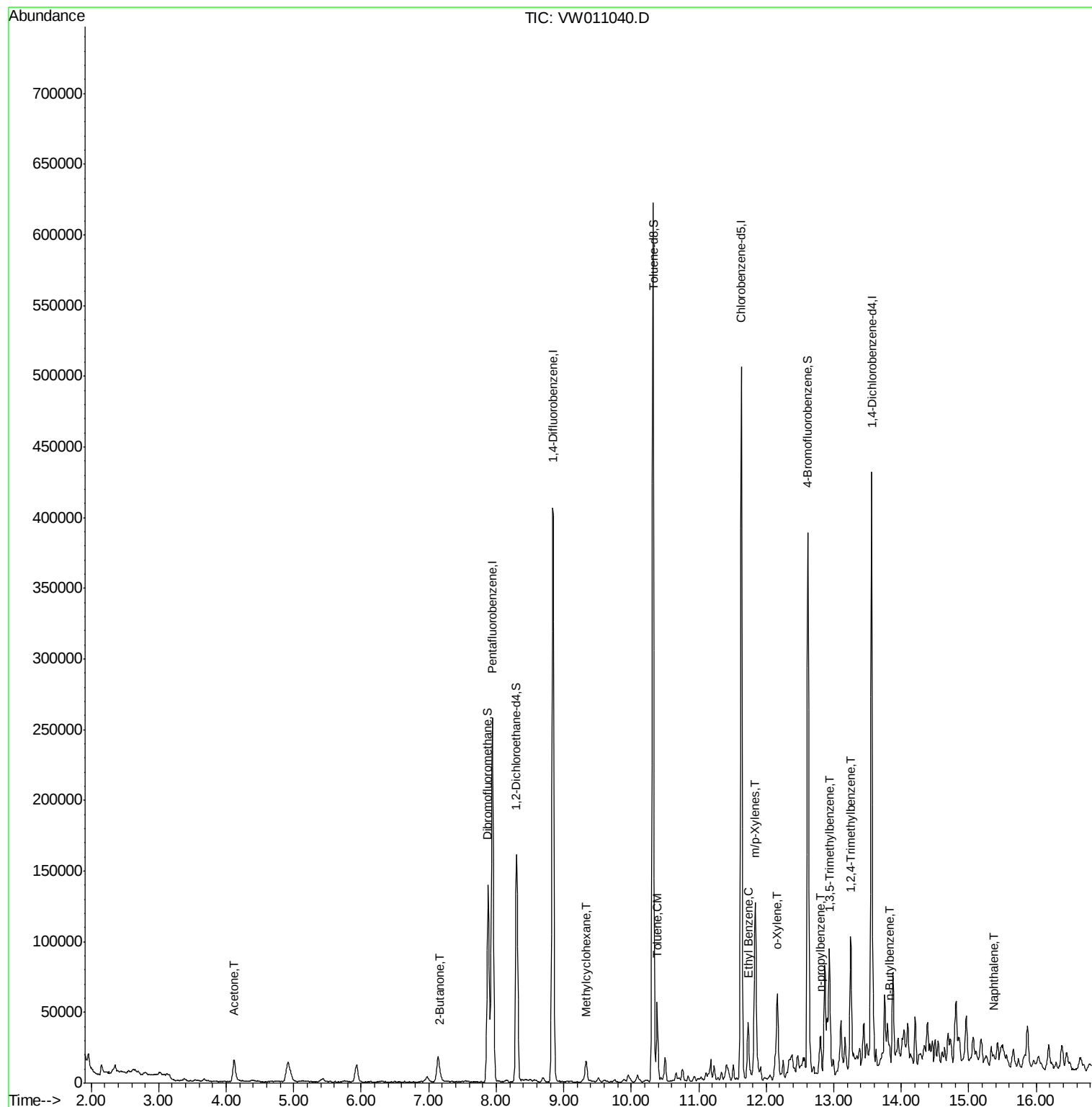
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062819\
Data File : VW011040.D
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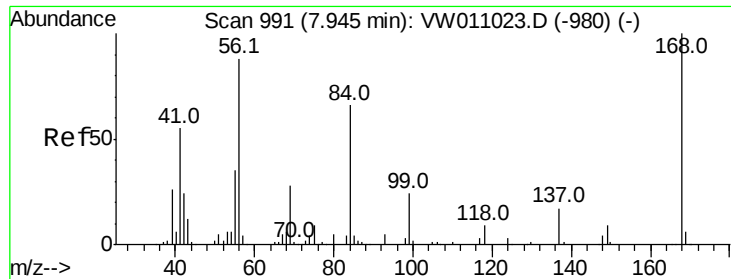
Instrument :
MSVOA_W
ClientSampleId :
CL-02-062619-B

Manual Integrations
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6/28/2019 10:26:58 AM

Quant Time: Jun 28 09:16:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 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: VW011040.D

Acq: 28 Jun 2019 02:44

Instrument :

MSVOA_W

ClientSampleId :

CL-02-062619-B

Tot Ion:168 Resp: 188317

Ion Ratio Lower Upper

168 100

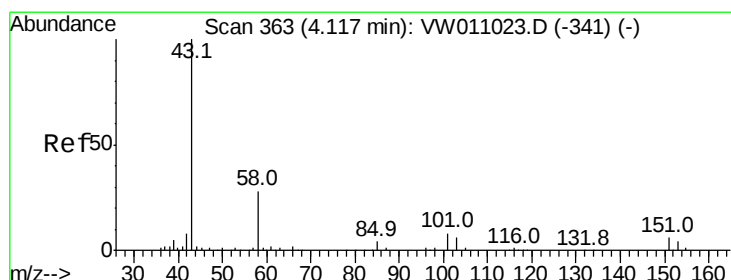
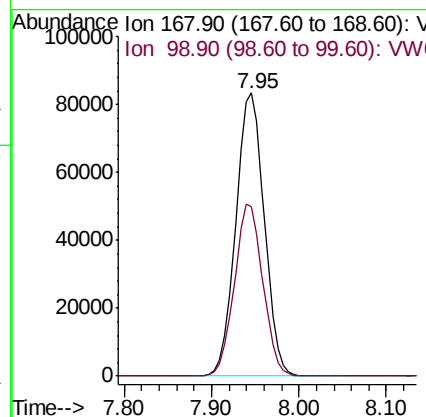
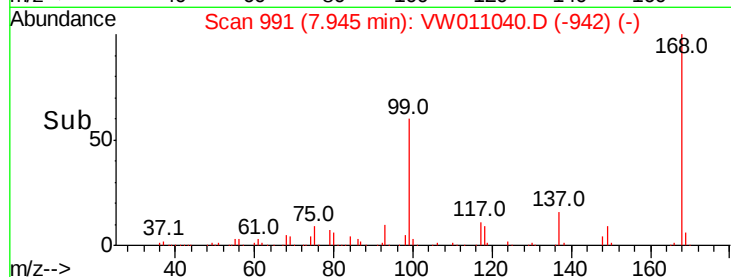
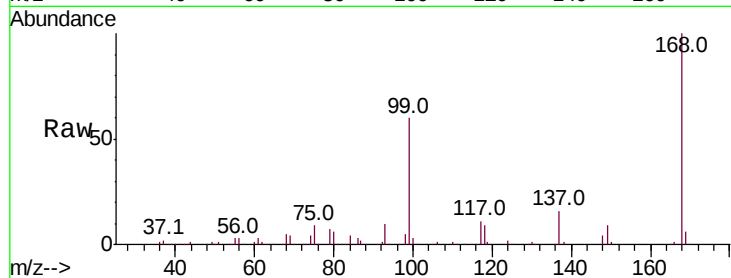
99 59.8 47.8 71.6

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#16

Acetone

Concen: 47.844 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011040.D

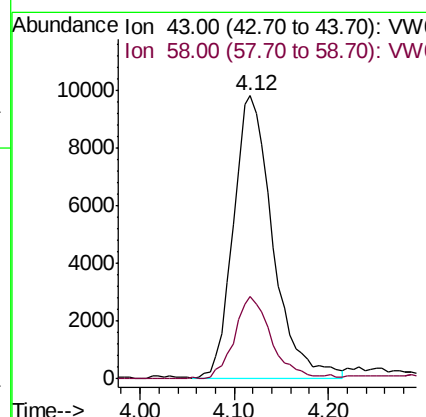
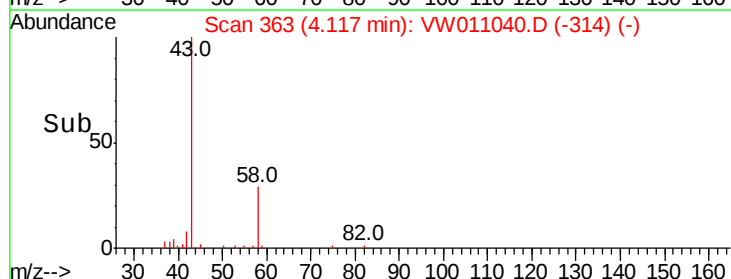
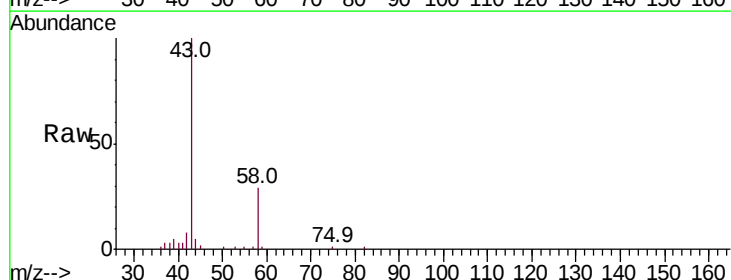
Acq: 28 Jun 2019 02:44

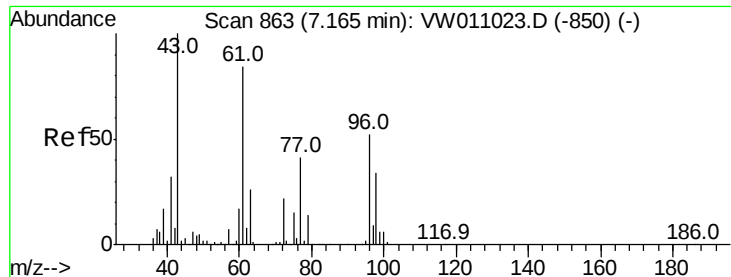
Tgt Ion: 43 Resp: 28750

Ion Ratio Lower Upper

43 100

58 28.3 22.5 33.7





#25

2-Butanone

Concen: 5.922 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW011040.D

Acq: 28 Jun 2019 02:44

Instrument :

MSVOA_W

ClientSampleId :

CL-02-062619-B

Tot Ion: 43 Resp: 5409

Ion Ratio Lower Upper

43 100

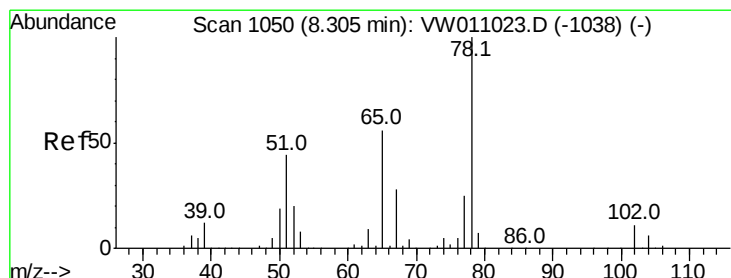
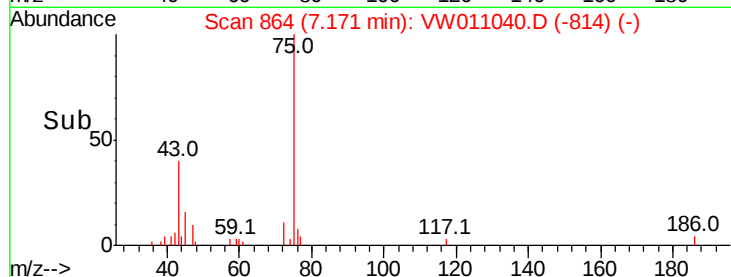
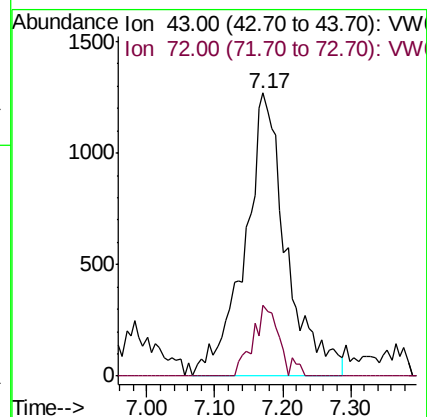
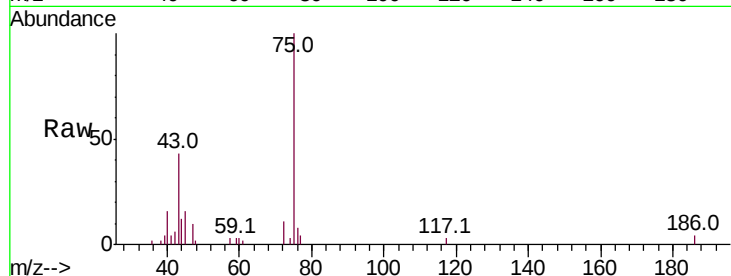
72 25.2 17.2 25.8

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#33

1,2-Dichloroethane-d4

Concen: 52.092 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011040.D

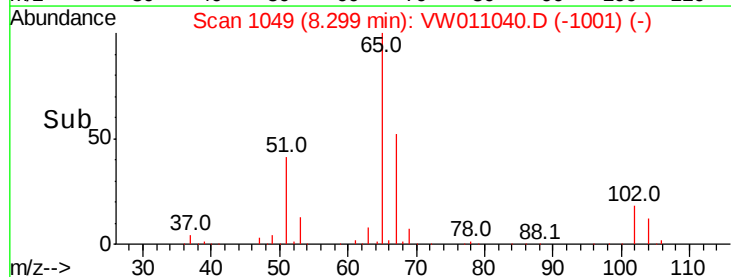
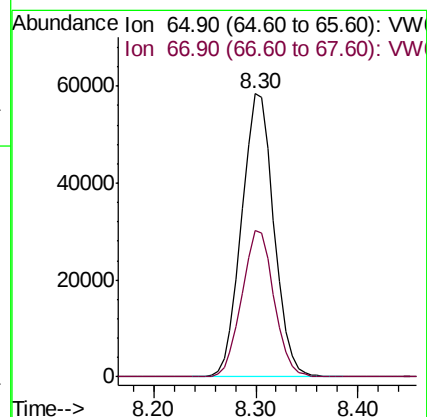
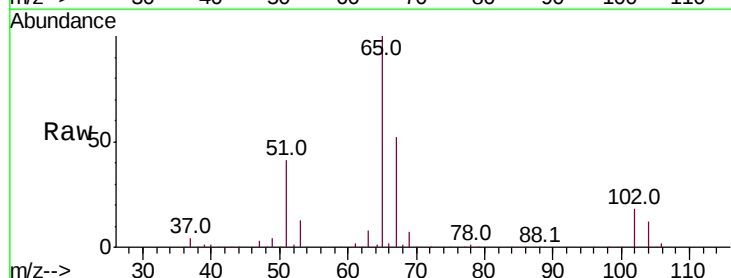
Acq: 28 Jun 2019 02:44

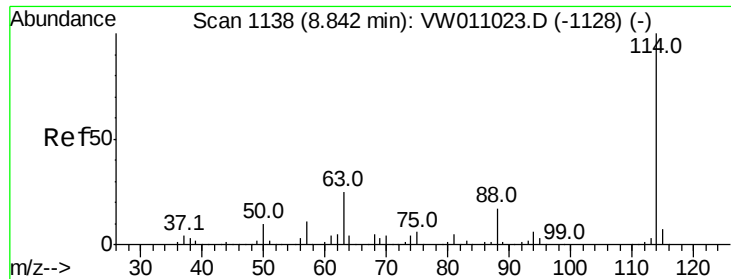
Tgt Ion: 65 Resp: 128241

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.4





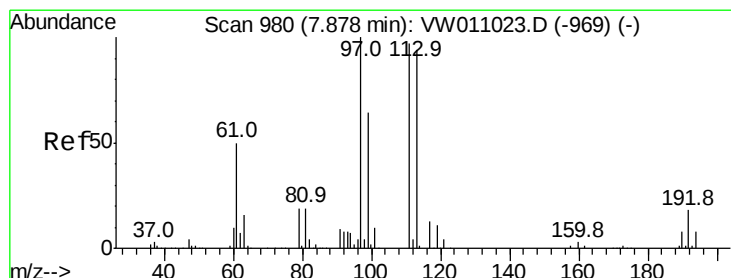
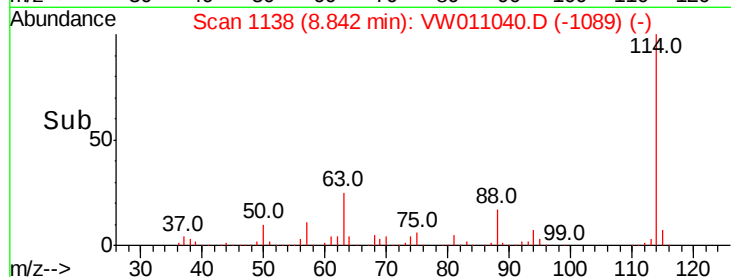
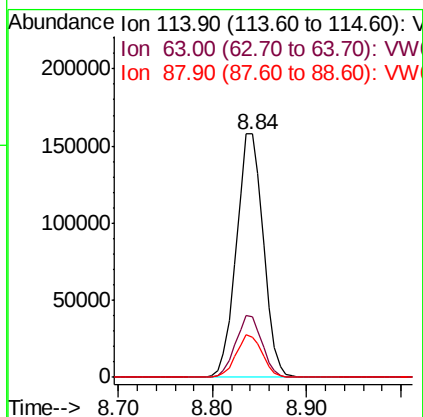
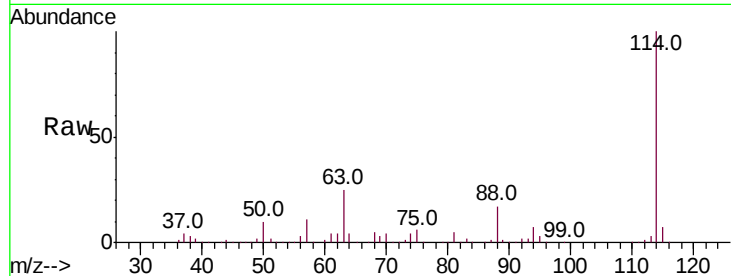
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011040.D
 Acq: 28 Jun 2019 02:44

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-062619-B

Tot Ion	Ratio	Resp	Lower	Upper
114	100	314984		
63	24.8	0.0	50.6	
88	16.6	0.0	34.0	

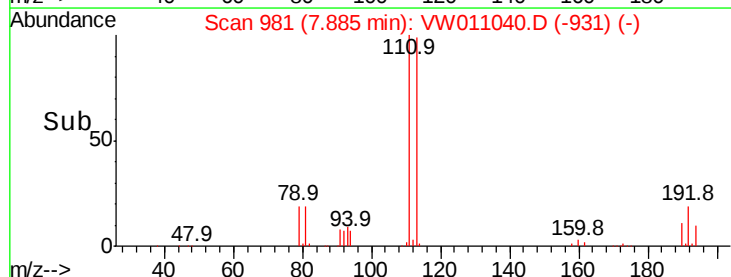
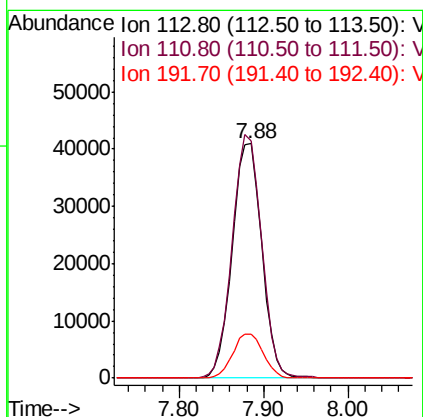
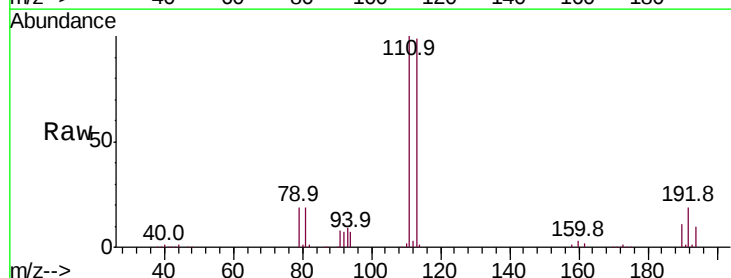
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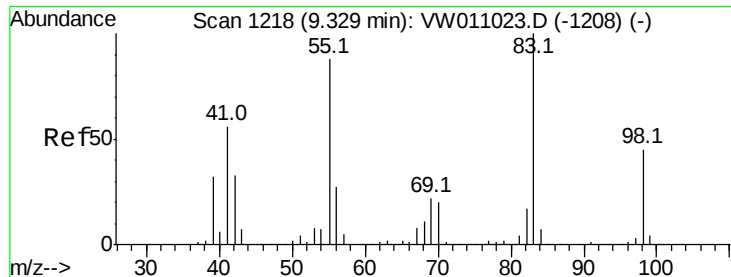
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#35
 Dibromofluoromethane
 Concen: 50.520 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW011040.D
 Acq: 28 Jun 2019 02:44

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	97172		
111	103.4	83.8	125.6	
192	19.3	16.0	24.0	





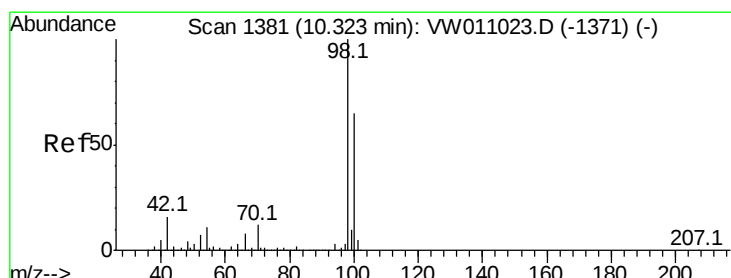
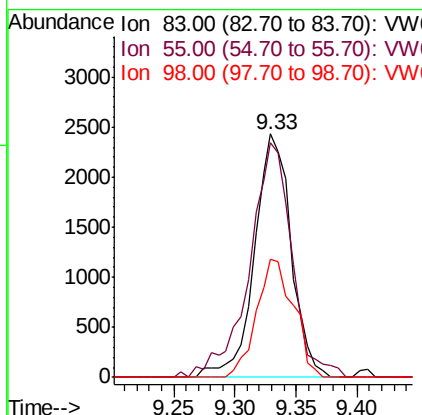
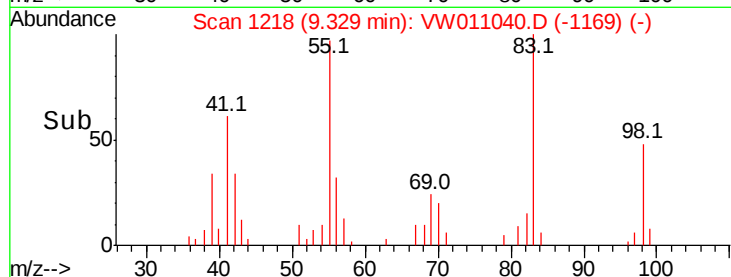
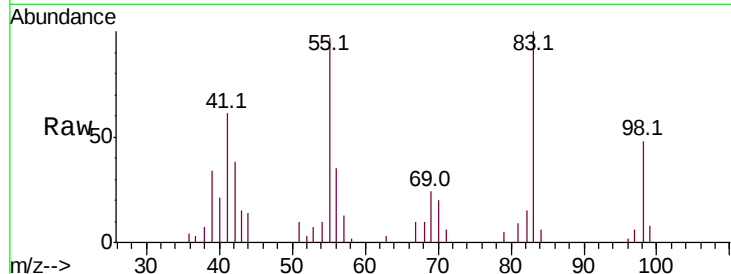
#39
Methylcyclohexane
Concen: 1.220 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW011040.D
Acq: 28 Jun 2019 02:44

Instrument :
MSVOA_W
ClientSampleId :
CL-02-062619-B

Tot Ion	Ratio	Lower	Upper
83	100		
55	96.6	70.7	106.1
98	48.3	36.4	54.6

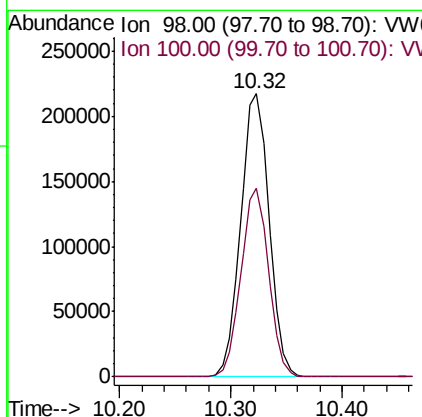
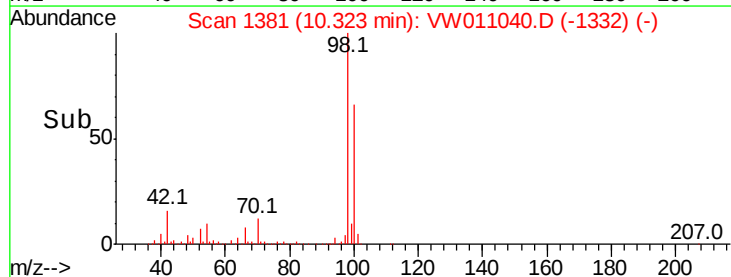
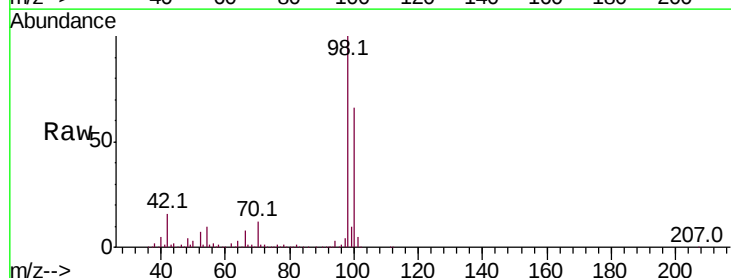
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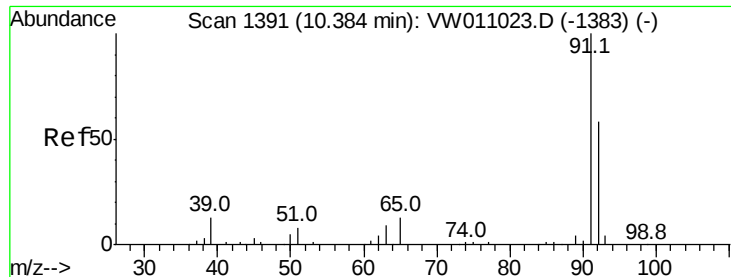
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#50
Toluene-d8
Concen: 48.631 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011040.D
Acq: 28 Jun 2019 02:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.3	78.5





#52

Toluene

Concen: 3.768 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011040.D

Acq: 28 Jun 2019 02:44

Instrument :

MSVOA_W

ClientSampleId :

CL-02-062619-B

Tot Ion: 92 Resp: 21481

Ion Ratio Lower Upper

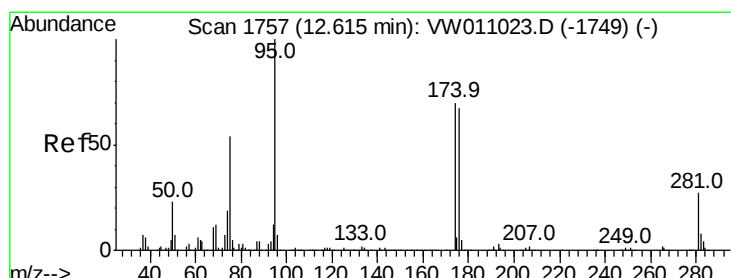
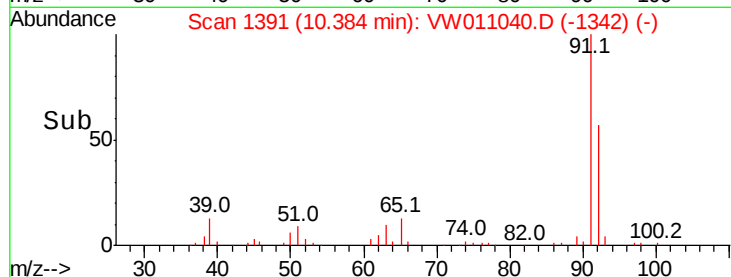
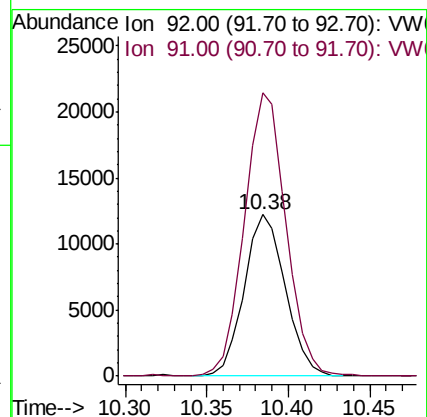
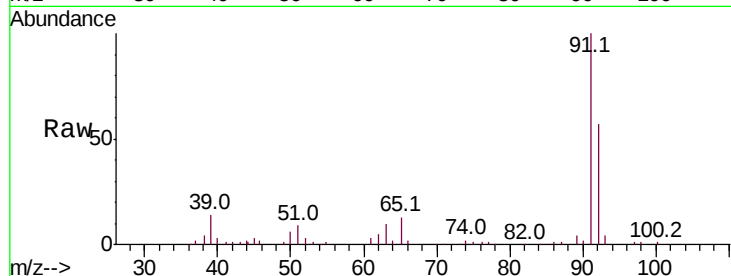
92 100

91 176.9 136.9 205.3

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 41.969 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011040.D

Acq: 28 Jun 2019 02:44

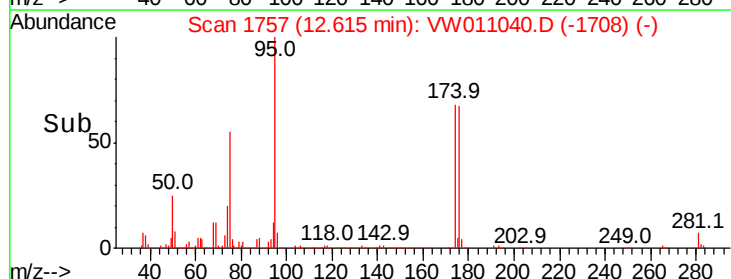
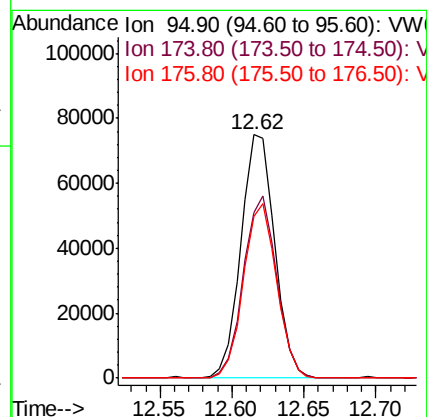
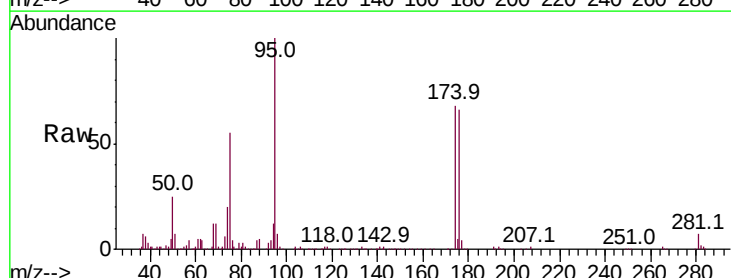
Tgt Ion: 95 Resp: 121532

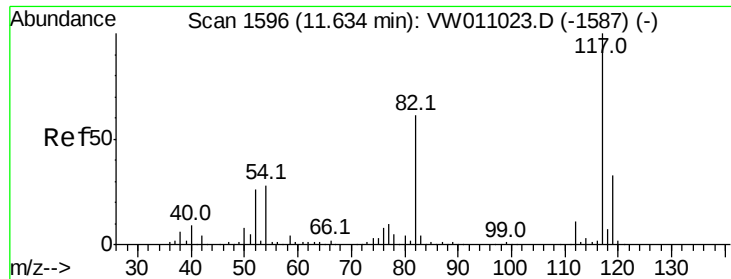
Ion Ratio Lower Upper

95 100

174 74.1 0.0 149.2

176 70.7 0.0 143.6





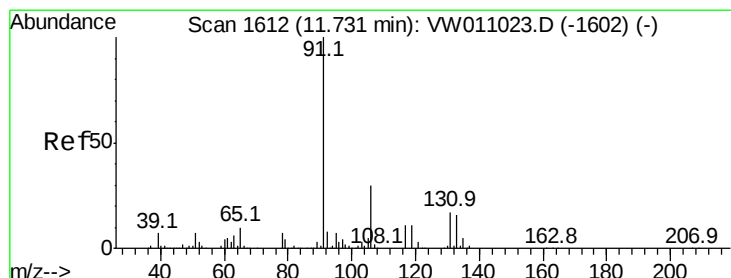
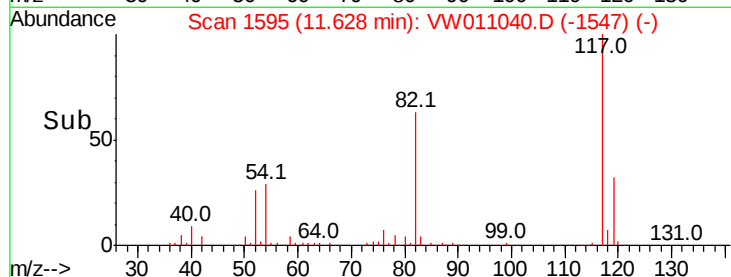
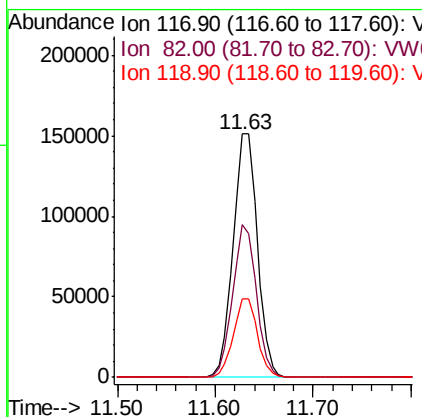
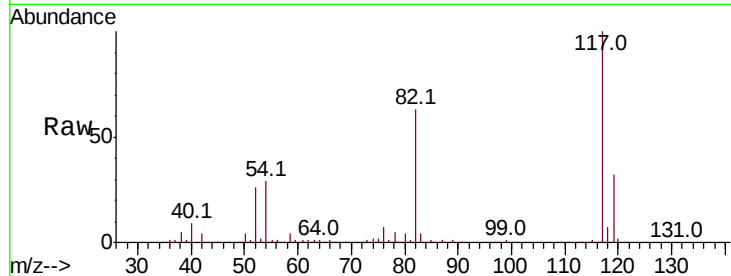
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011040.D
Acq: 28 Jun 2019 02:44

Instrument :
MSVOA_W
ClientSampleId :
CL-02-062619-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.7	48.6	73.0
119	32.2	26.1	39.1

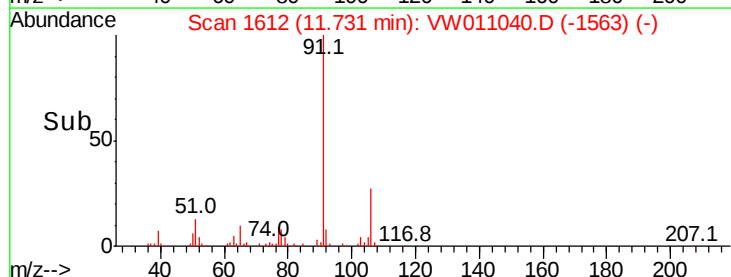
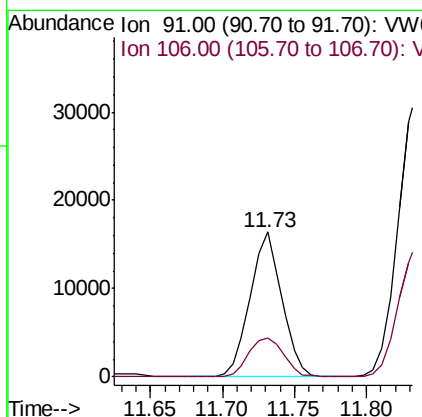
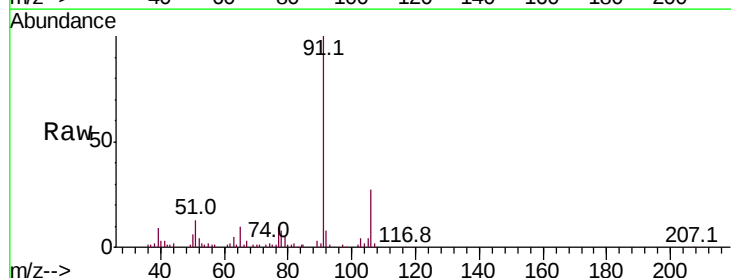
Manual Integrations
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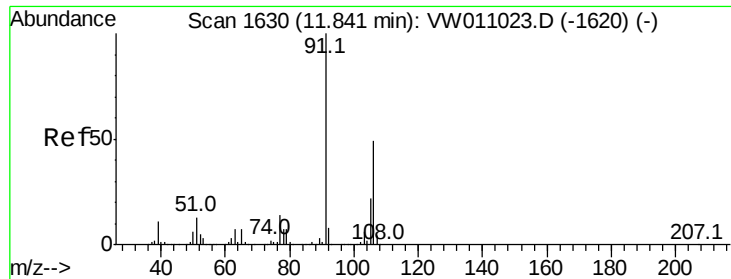
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#67
Ethyl Benzene
Concen: 2.468 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011040.D
Acq: 28 Jun 2019 02:44

Tgt Ion	Ratio	Lower	Upper
91	100		
106	27.1	23.8	35.6





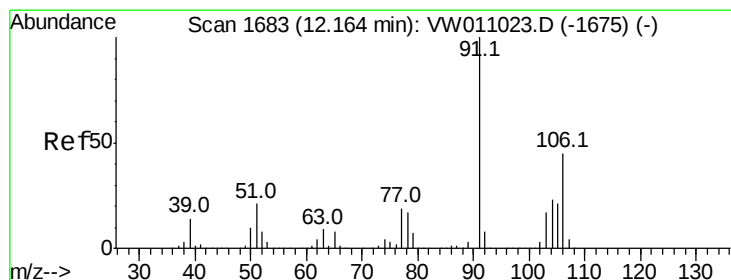
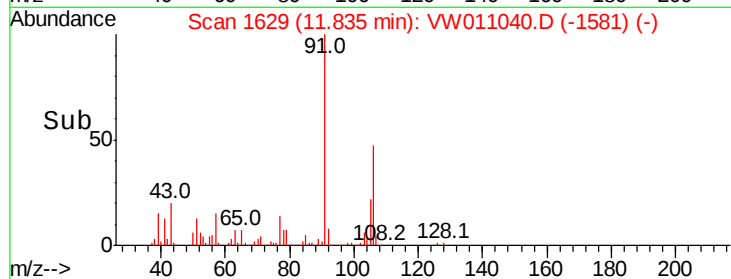
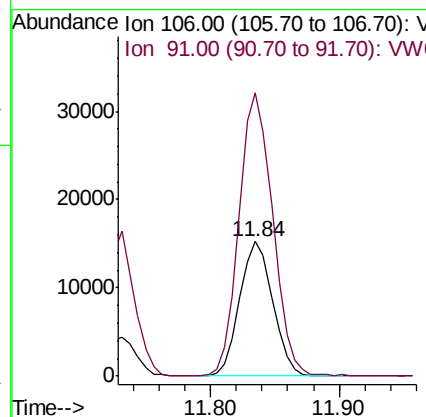
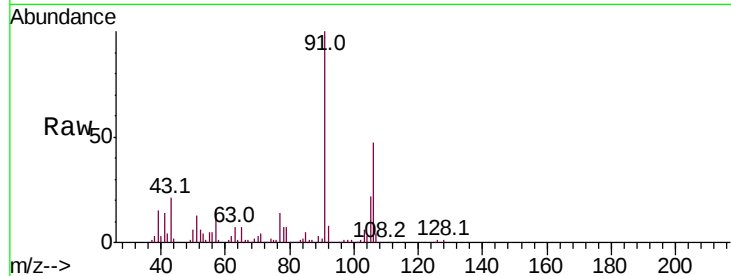
#68
m/p-Xylenes
Concen: 7.370 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW011040.D
Acq: 28 Jun 2019 02:44

Instrument :
MSVOA_W
ClientSampled :
CL-02-062619-B

Tot Ion:106 Resp: 27366
Ion Ratio Lower Upper
106 100
91 213.2 167.5 251.3

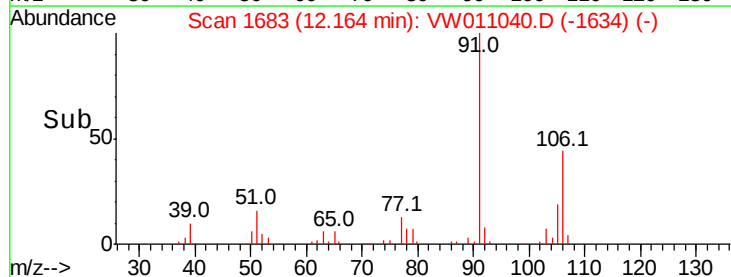
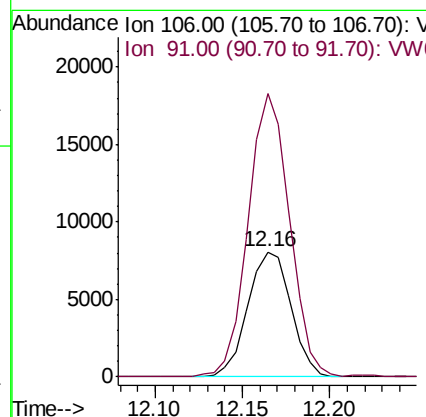
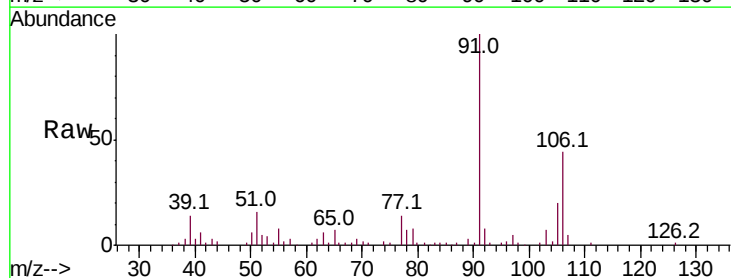
Manual Integrations
APPROVED

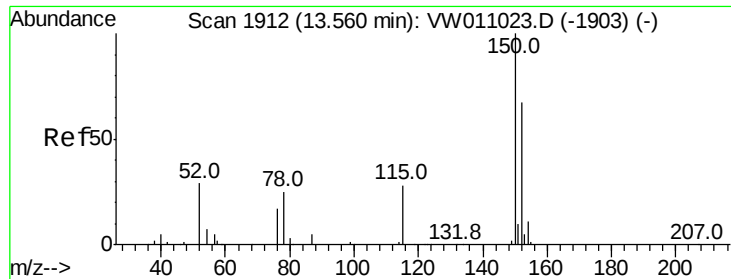
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#69
o-Xylene
Concen: 4.004 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011040.D
Acq: 28 Jun 2019 02:44

Tgt Ion:106 Resp: 13847
Ion Ratio Lower Upper
106 100
91 217.7 110.8 332.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011040.D

Acq: 28 Jun 2019 02:44

Instrument :

MSVOA_W

ClientSampleId :

CL-02-062619-B

Tot Ion:152 Resp: 98762

Ion Ratio Lower Upper

152 100

115 62.2 30.7 92.1

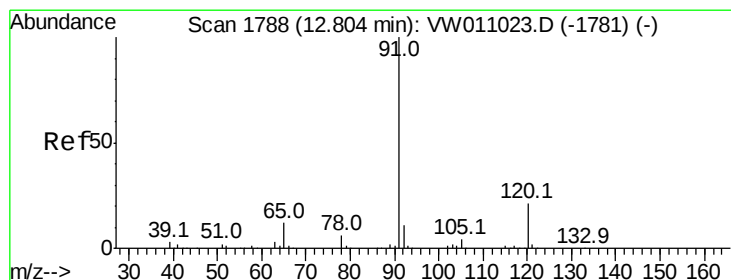
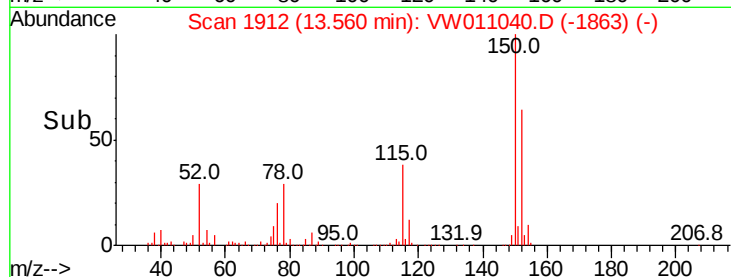
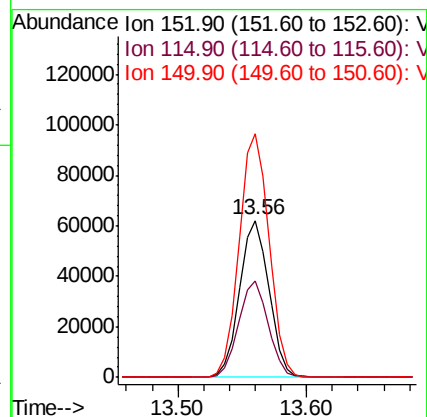
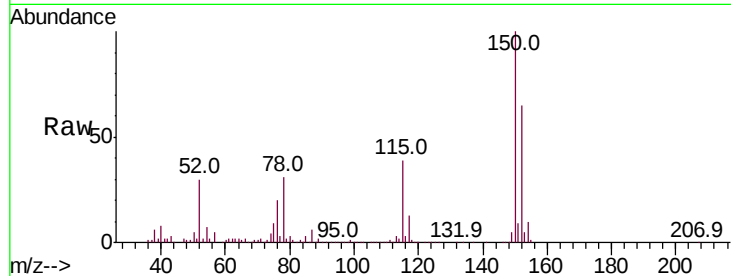
150 156.7 0.0 341.8

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#78

n-propylbenzene

Concen: 2.167 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011040.D

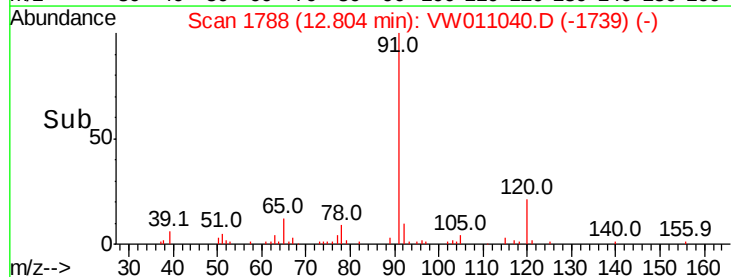
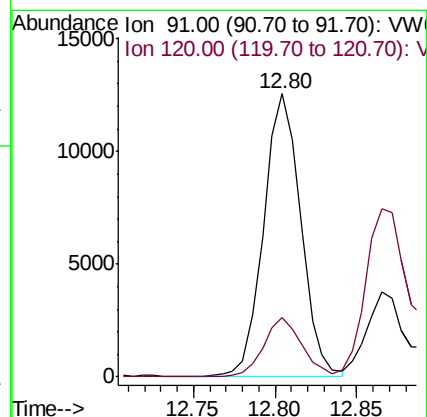
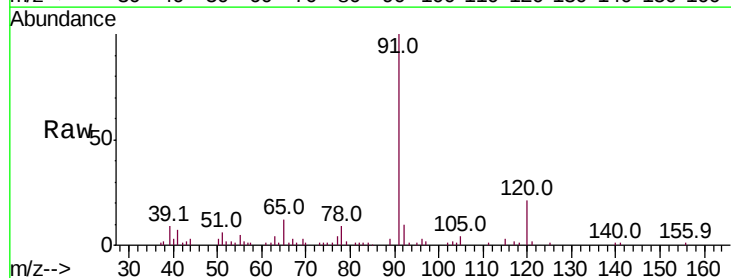
Acq: 28 Jun 2019 02:44

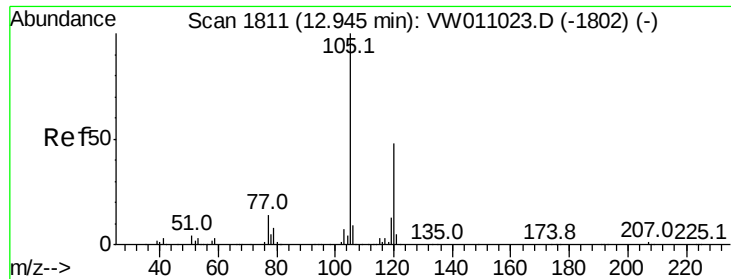
Tgt Ion: 91 Resp: 19850

Ion Ratio Lower Upper

91 100

120 21.3 10.5 31.6





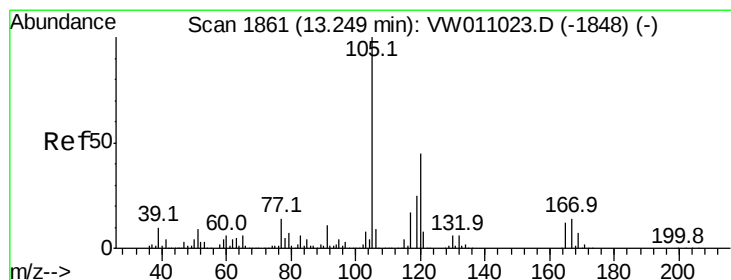
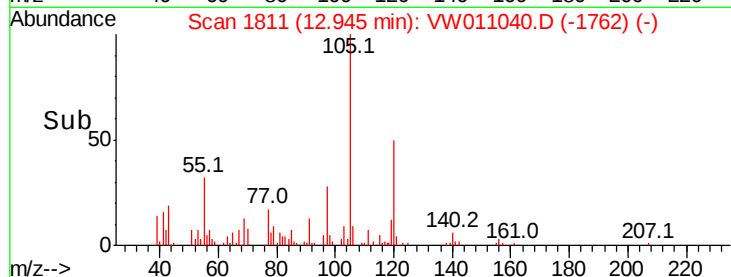
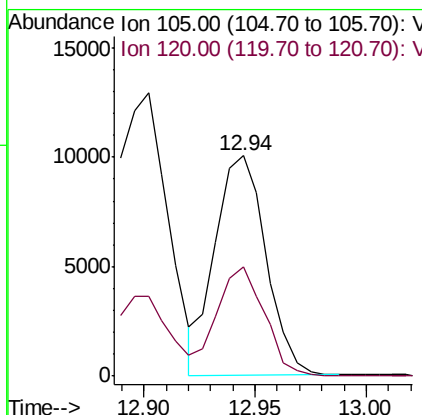
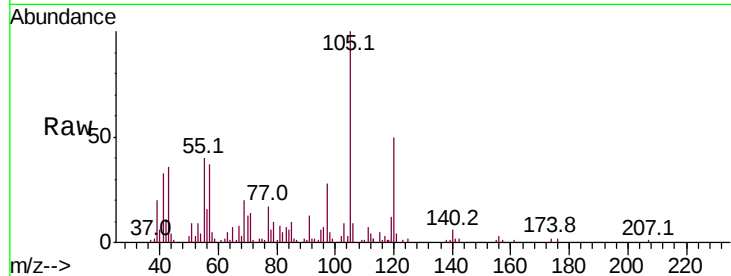
#80
 1,3,5-Trimethylbenzene
 Concen: 2.541 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW011040.D
 Acq: 28 Jun 2019 02:44

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-062619-B

Tot Ion:105 Resp: 15932
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.8 71.5

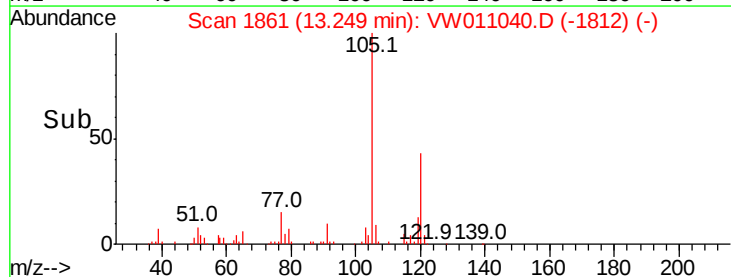
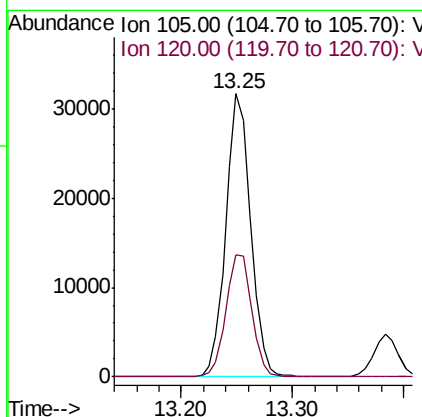
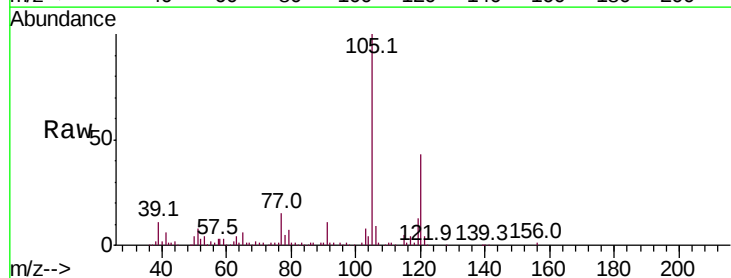
Manual Integrations
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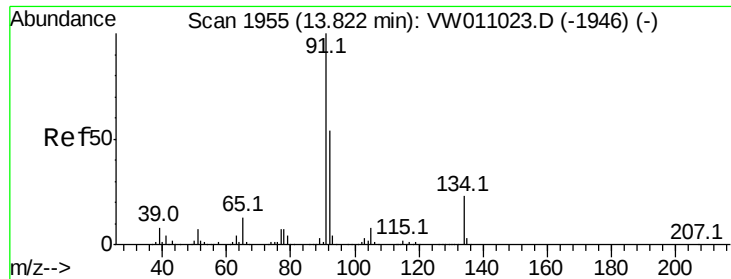
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#84
 1,2,4-Trimethylbenzene
 Concen: 7.720 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW011040.D
 Acq: 28 Jun 2019 02:44

Tgt Ion:105 Resp: 48930
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.2





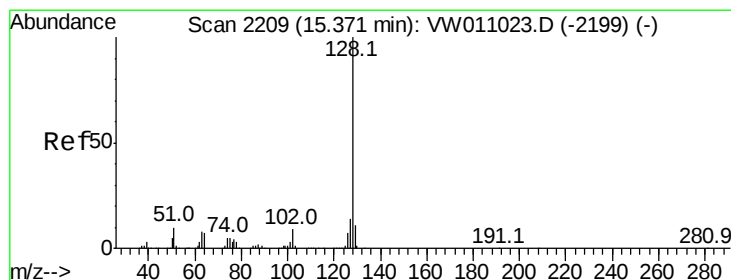
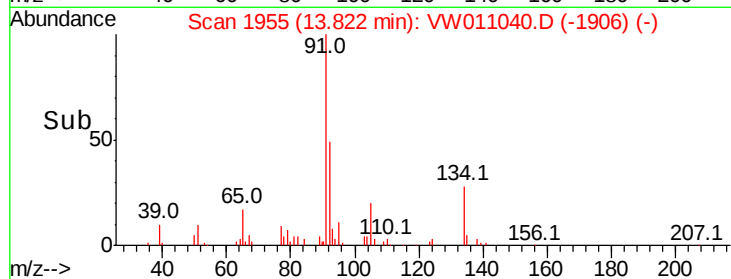
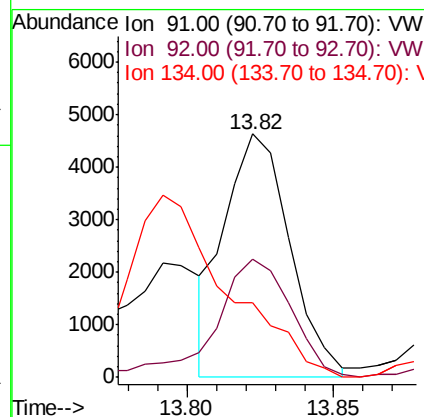
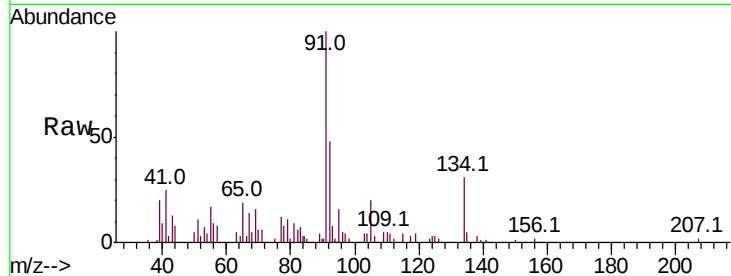
#89
n-Butylbenzene
Concen: 1.030 ug/l m
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW011040.D
Acq: 28 Jun 2019 02:44

Instrument :
MSVOA_W
ClientSampleId :
CL-02-062619-B

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.1	81.2
134	0.0	12.0	36.1#

Manual Integrations
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#95
Naphthalene
Concen: 1.192 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011040.D
Acq: 28 Jun 2019 02:44

Tgt Ion	Ratio	Lower	Upper
128	100		
127	21.9	10.7	16.1#
129	16.0	8.8	13.2#

