

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008868.D
 Acq On : 27 Feb 2019 21:16
 Operator : SY/VA
 Sample : K1350-11
 Misc : 6.85G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-022619-A

Manual Integrations
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MMDadoda
 3/1/2019 12:09:44 AM

Quant Time: Feb 28 07:59:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	79590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	112456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	99928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	39806	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	40130	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
35) Dibromofluoromethane	7.88	113	32574	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
50) Toluene-d8	10.32	98	132551	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.62	95	41440	40.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.22%	
Target Compounds						
16) Acetone	4.13	43	6471	37.398	ug/l #	78
20) Methylene Chloride	4.92	84	7428	4.016	ug/l	85
68) m/p-Xylenes	11.83	106	1786	1.190	ug/l #	68
69) o-Xylene	12.16	106	3904	2.771	ug/l	97
78) n-propylbenzene	12.80	91	6458	1.935	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	17873	7.537	ug/l	94
84) 1,2,4-Trimethylbenzene	13.26	105	24299	9.898	ug/l	100
85) sec-Butylbenzene	13.39	105	5364	1.819	ug/l	81
86) p-Isopropyltoluene	13.50	119	5819	2.153	ug/l	96
89) n-Butylbenzene	13.82	91	5553m	2.193	ug/l	

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

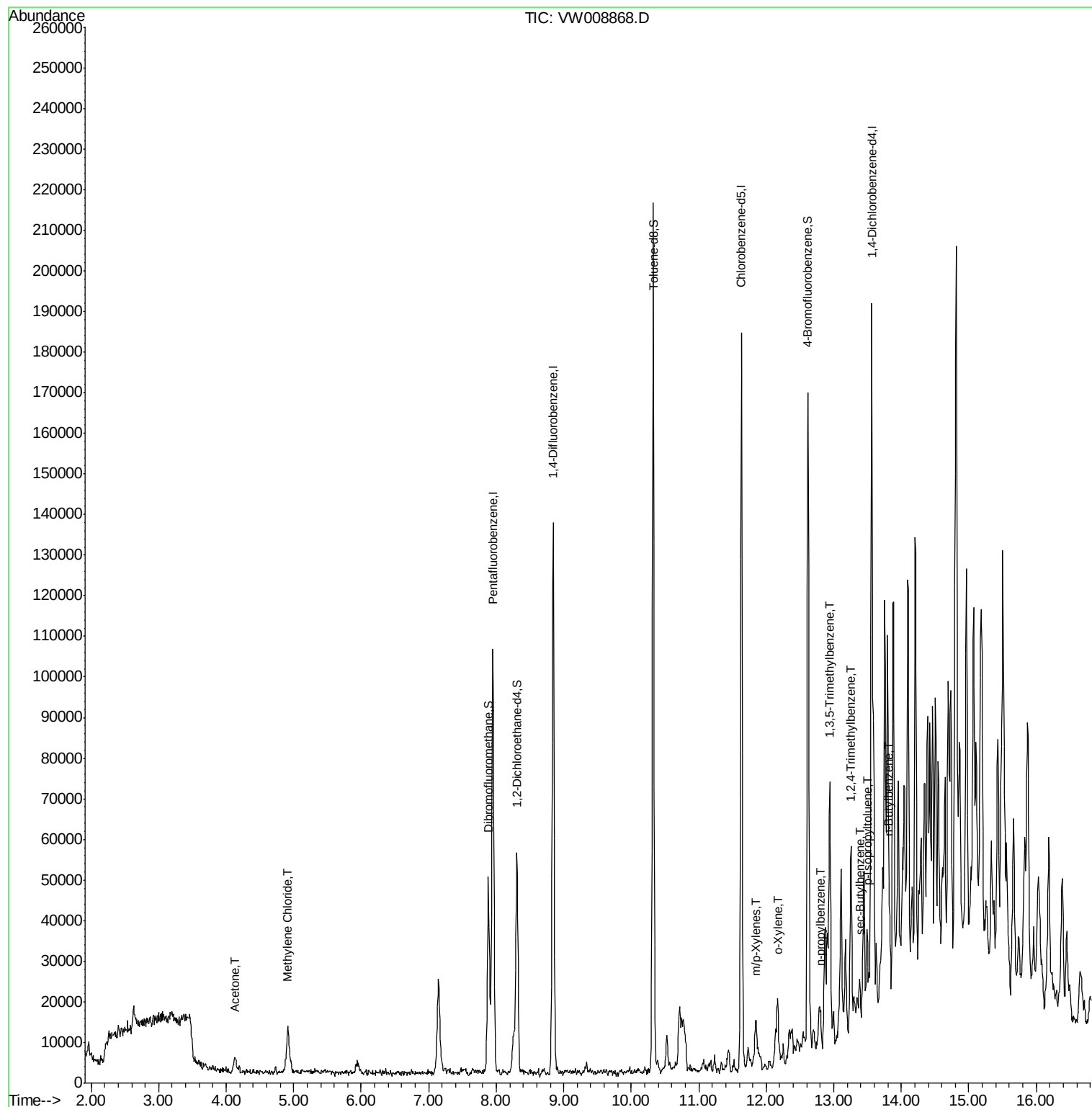
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022719\
Data File : VW008868.D
Acq On : 27 Feb 2019 21:16
Operator : SY/VA
Sample : K1350-11
Misc : 6.85G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

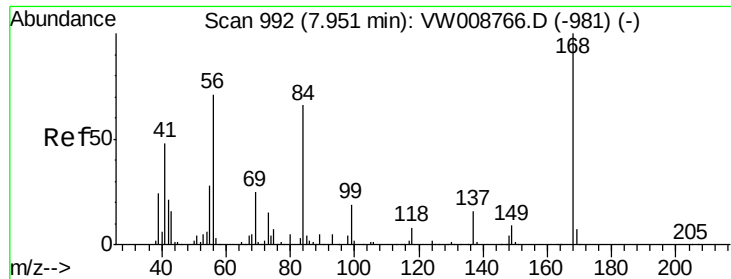
Instrument :
MSVOA_W
ClientSampleId :
EO-01-022619-A

Manual Integrations
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Quant Time: Feb 28 07:59:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
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: VW008868.D

Acq: 27 Feb 2019 21:16

Instrument :

MSVOA_W

ClientSampleId :

EO-01-022619-A

Tot Ion:168 Resp: 79590

Ion Ratio Lower Upper

168 100

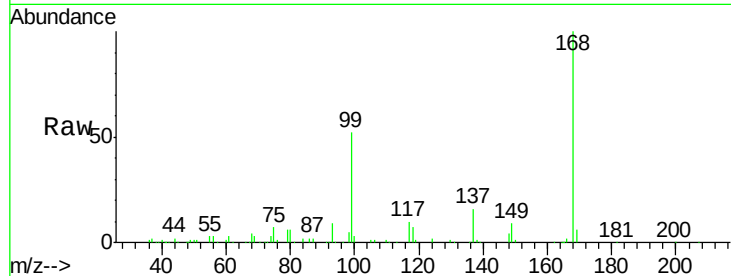
99 51.6 42.2 63.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

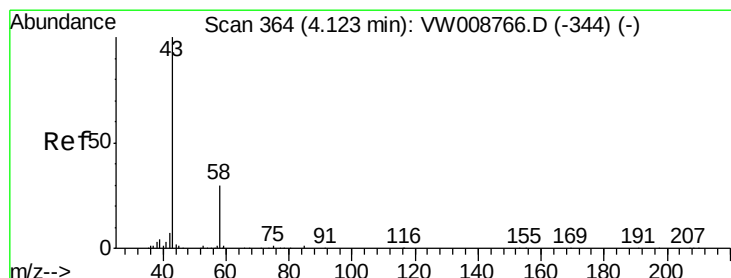
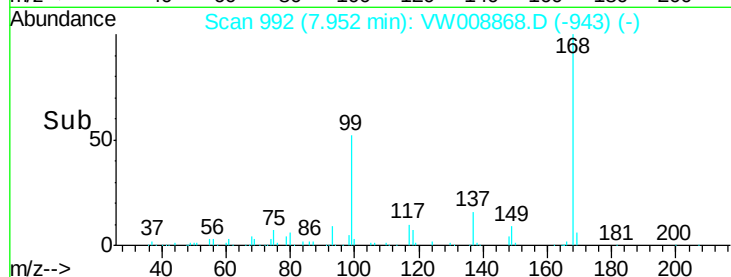
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 37.398 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008868.D

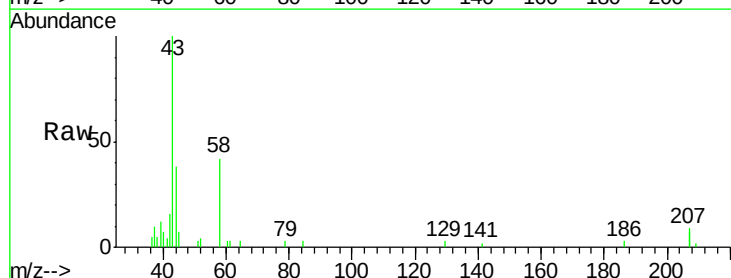
Acq: 27 Feb 2019 21:16

Tgt Ion: 43 Resp: 6471

Ion Ratio Lower Upper

43 100

58 41.7 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2000

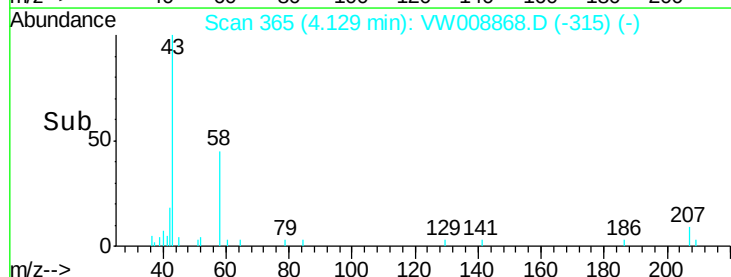
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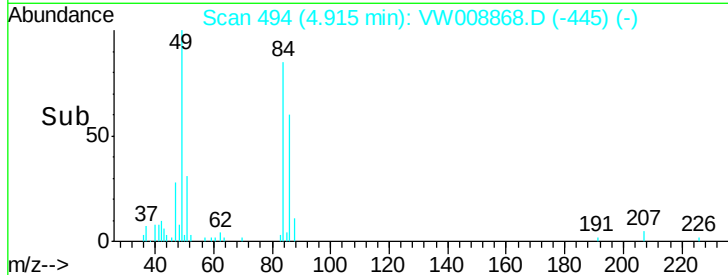
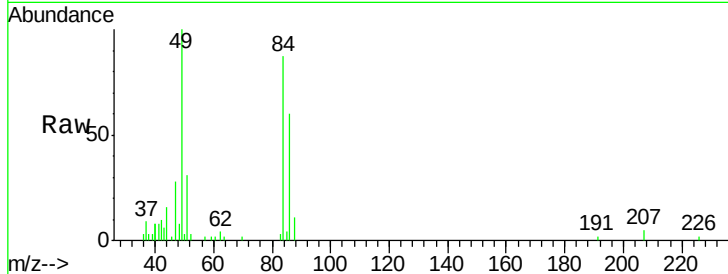
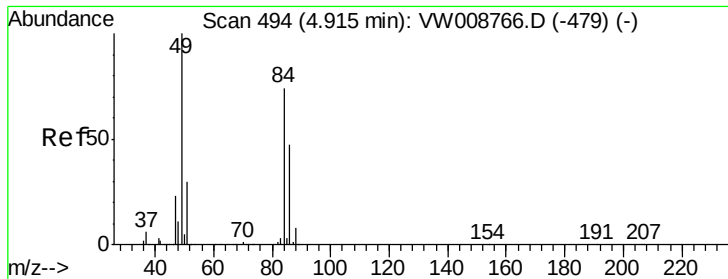
1000

500

0

Time-->





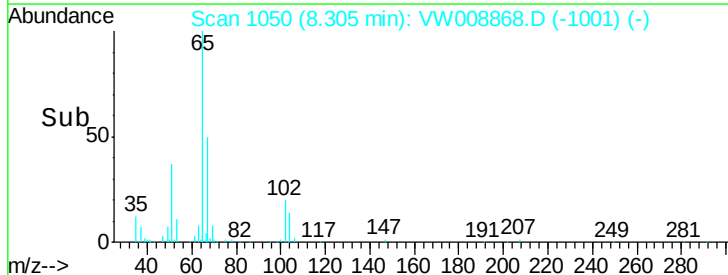
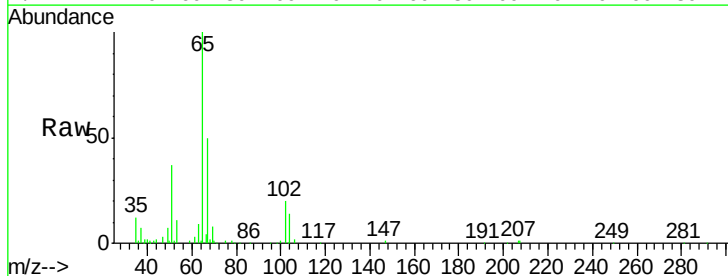
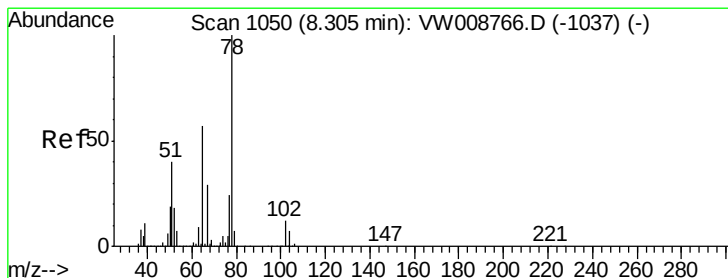
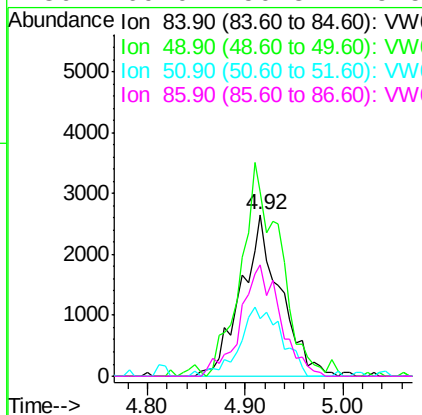
#20
Methylene Chloride
Concen: 4.016 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008868.D
Acq: 27 Feb 2019 21:16

Tot Ion:	84	Resp:	7428
Ion	Ratio	Lower	Upper
84	100		
49	111.0	108.2	162.2
51	35.5	32.7	49.1
86	69.0	50.3	75.5

Instrument :
MSVOA_W
ClientSampleId :
EO-01-022619-A

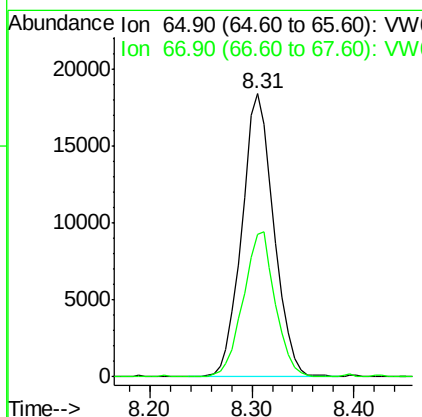
Manual Integrations
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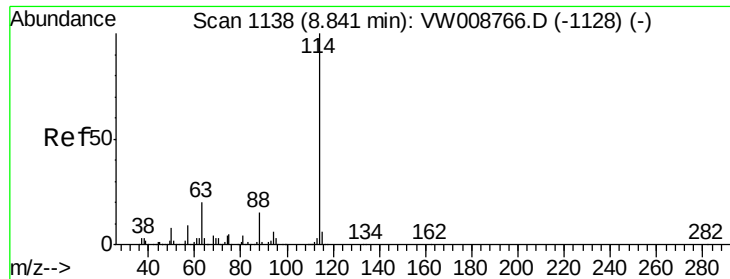
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#33
1,2-Dichloroethane-d4
Concen: 53.759 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008868.D
Acq: 27 Feb 2019 21:16

Tgt Ion:	65	Resp:	40130
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008868.D

Acq: 27 Feb 2019 21:16

Instrument :

MSVOA_W

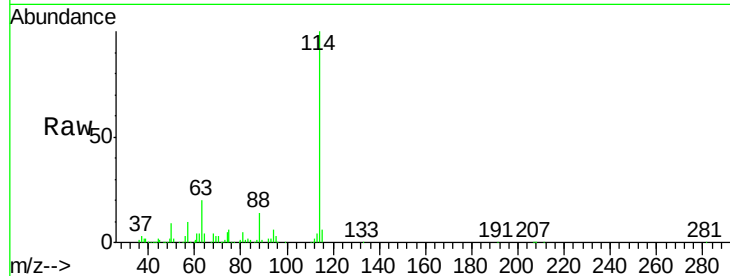
ClientSampleId :

EO-01-022619-A

Tot Ion:	114	Resp:	112456
Ion Ratio		Lower	Upper
114	100		
63	20.3	0.0	40.8
88	14.0	0.0	30.4

Manual Integrations
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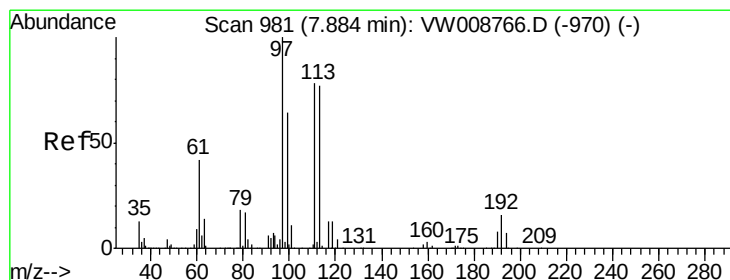
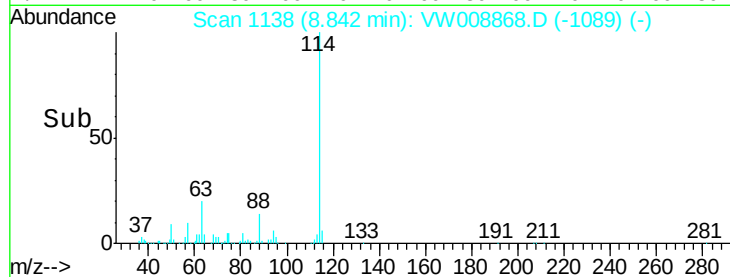
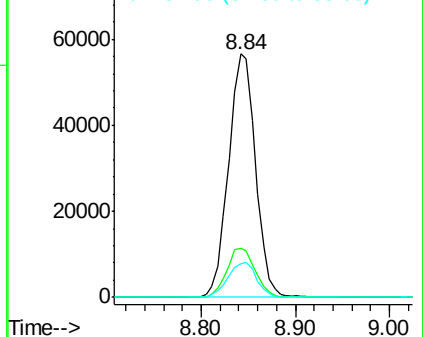
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 48.244 ug/l

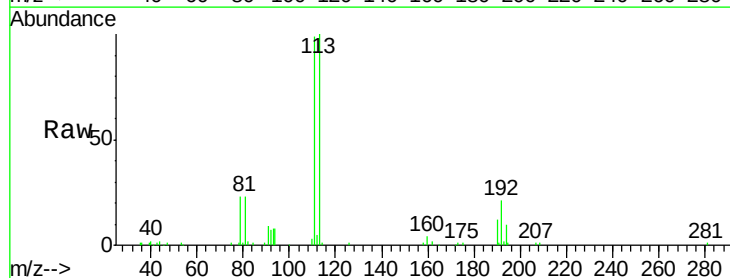
RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008868.D

Acq: 27 Feb 2019 21:16

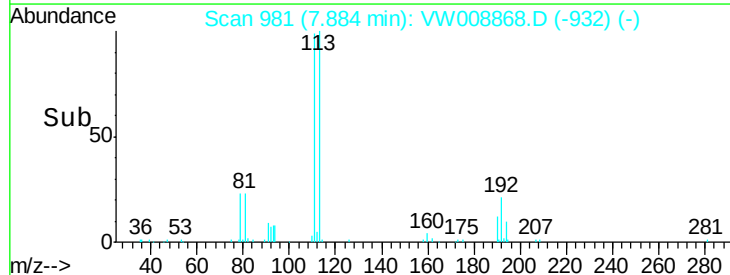
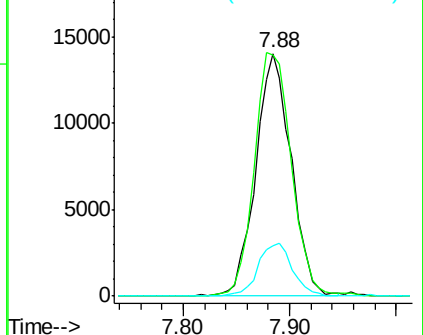
Tgt Ion:	113	Resp:	32574
Ion Ratio		Lower	Upper
113	100		
111	105.8	81.9	122.9
192	21.2	17.1	25.7

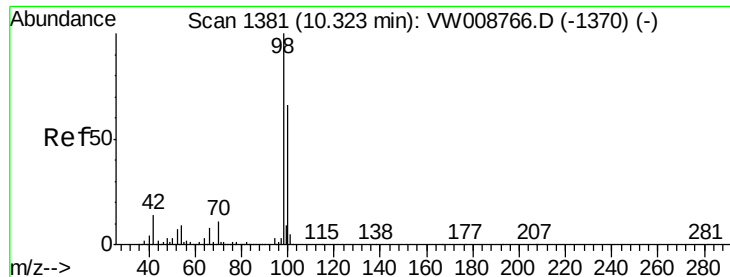


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





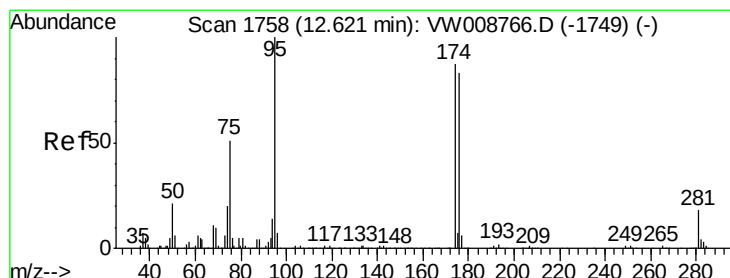
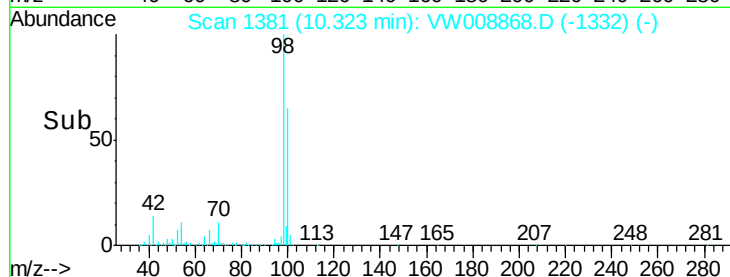
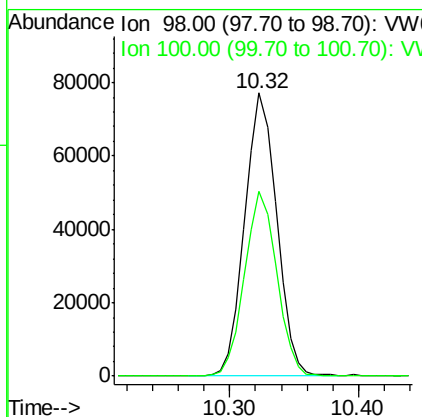
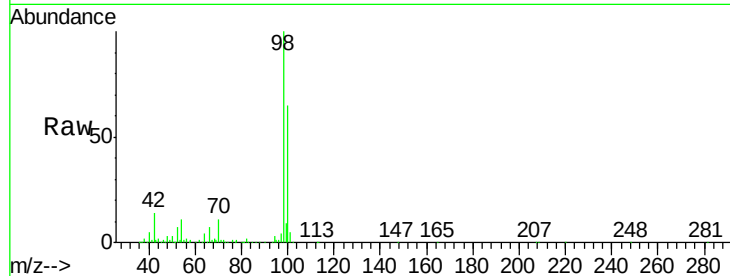
#50
Toluene-d8
Concen: 50.855 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008868.D
Acq: 27 Feb 2019 21:16

Instrument :
MSVOA_W
ClientSampleId :
EO-01-022619-A

Tot Ion: 98 Resp: 132551
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6

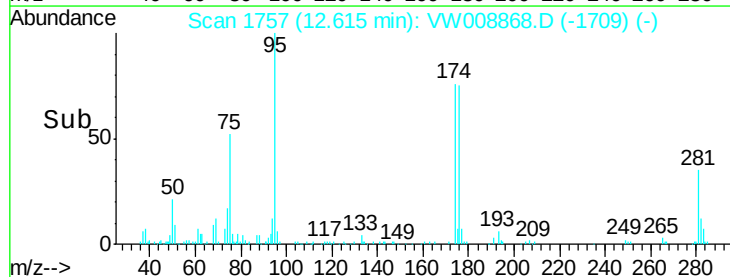
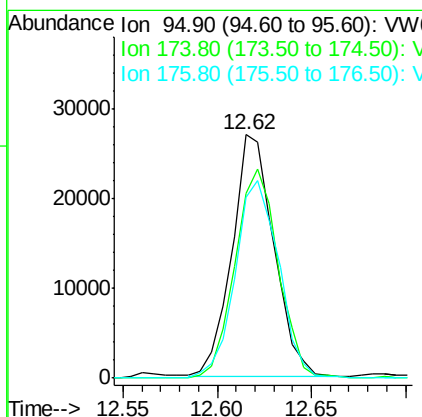
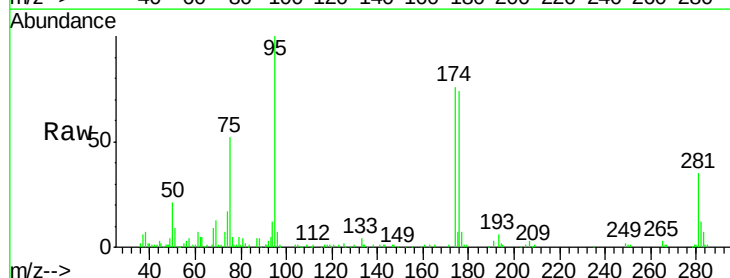
Manual Integrations
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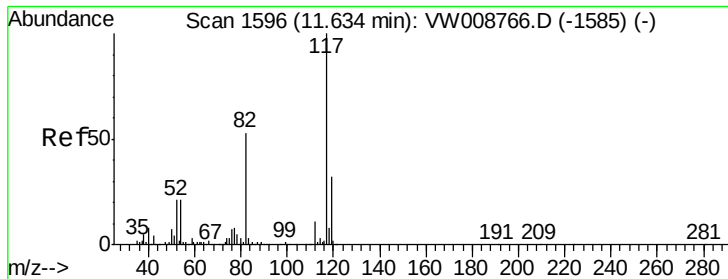
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#62
4-Bromofluorobenzene
Concen: 40.606 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW008868.D
Acq: 27 Feb 2019 21:16

Tgt Ion: 95 Resp: 41440
Ion Ratio Lower Upper
95 100
174 89.2 0.0 169.2
176 85.2 0.0 163.6





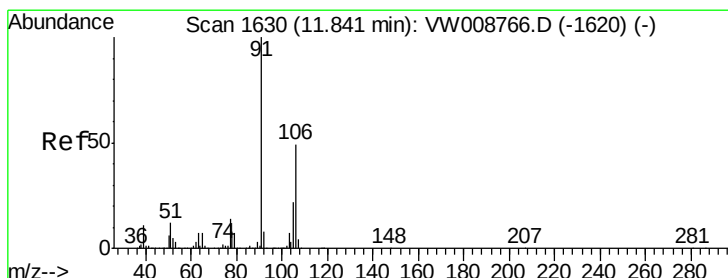
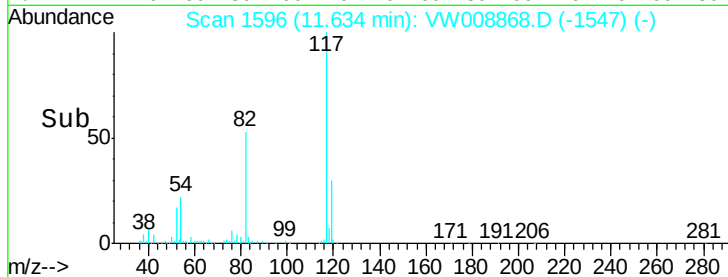
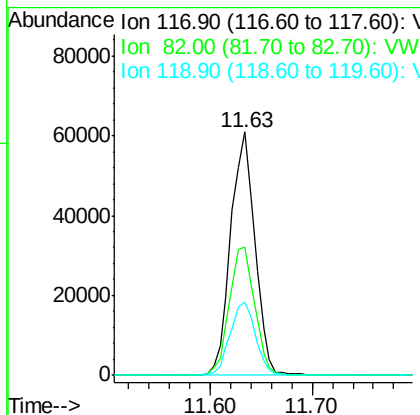
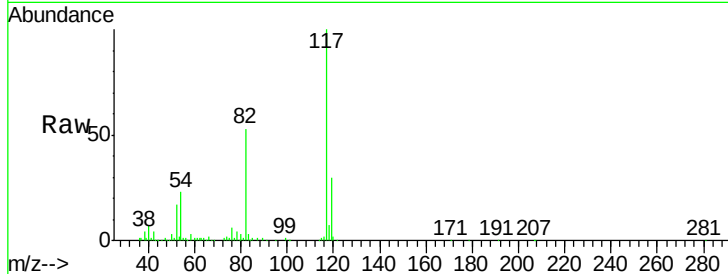
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008868.D
Acq: 27 Feb 2019 21:16

Instrument :
MSVOA_W
ClientSampleId :
EO-01-022619-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.2	63.4
119	29.9	25.9	38.9

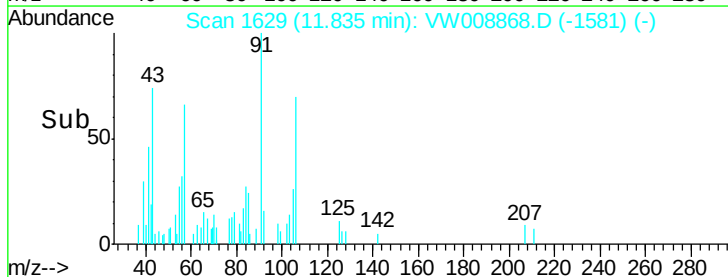
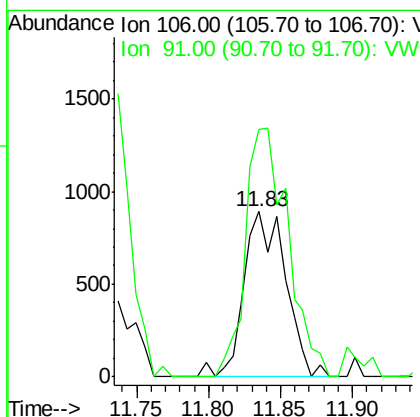
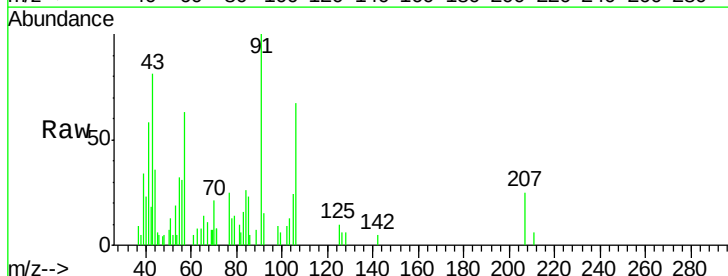
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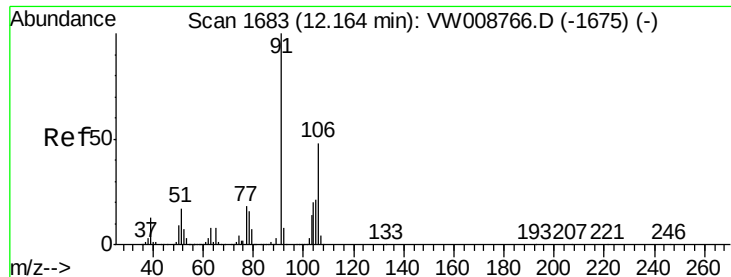
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#68
m/p-Xylenes
Concen: 1.190 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008868.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
106	100		
91	152.9	161.5	242.3





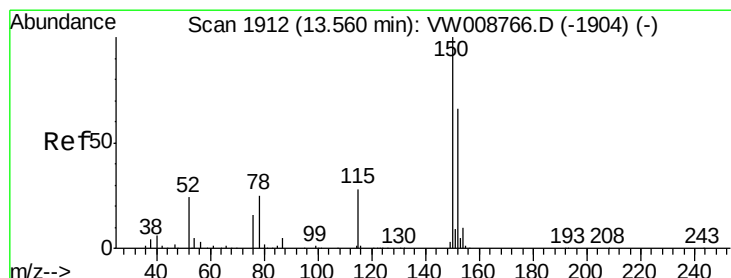
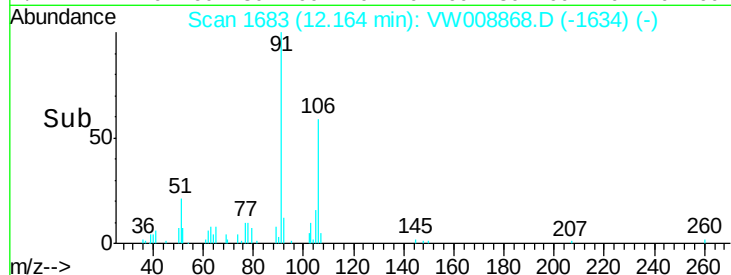
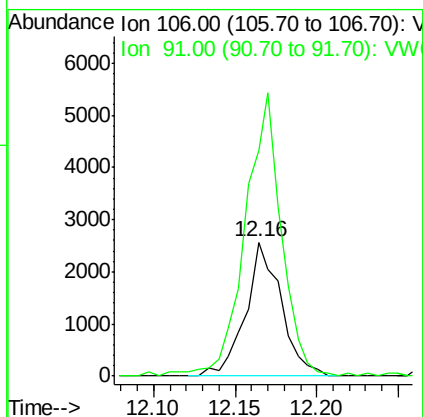
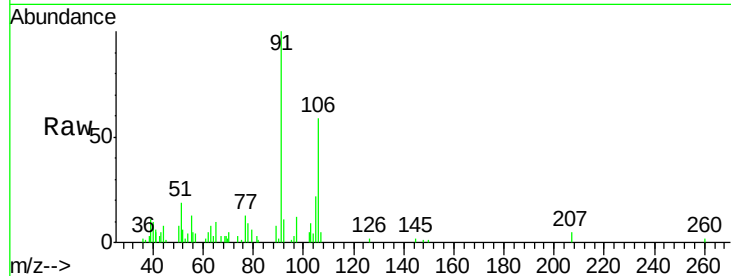
#69
o-Xylene
Concen: 2.771 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008868.D
Acq: 27 Feb 2019 21:16

Instrument :
MSVOA_W
ClientSampled :
EO-01-022619-A

Tot Ion:106 Resp: 3904
Ion Ratio Lower Upper
106 100
91 216.5 106.2 318.6

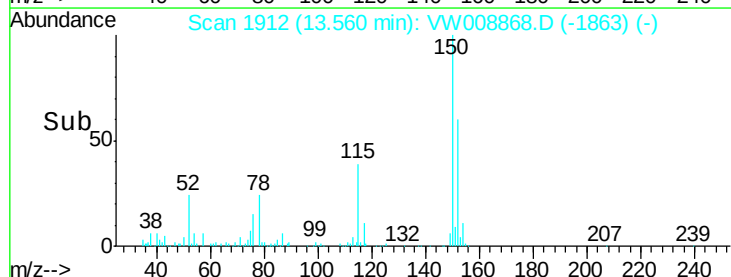
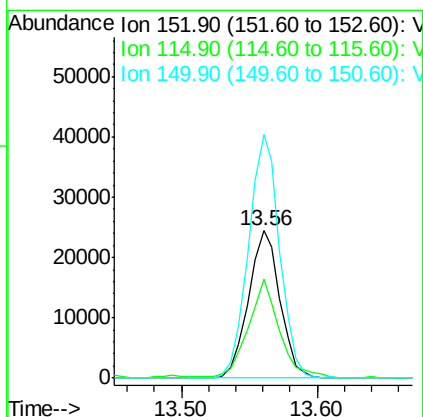
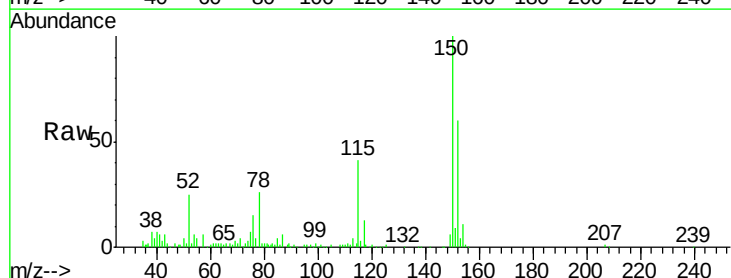
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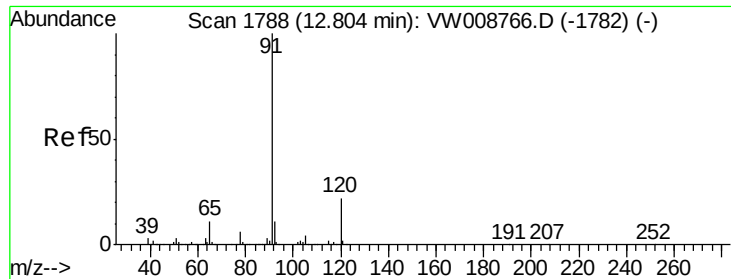
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3/1/2019 12:09:44 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008868.D
Acq: 27 Feb 2019 21:16

Tgt Ion:152 Resp: 39806
Ion Ratio Lower Upper
152 100
115 65.0 28.6 85.8
150 162.3 0.0 348.0





#78

n-propylbenzene

Concen: 1.935 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008868.D

Acq: 27 Feb 2019 21:16

Instrument :

MSVOA_W

ClientSampled :

EO-01-022619-A

Tot Ion: 91 Resp: 6458

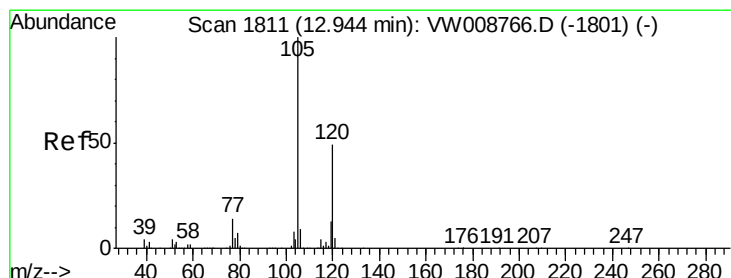
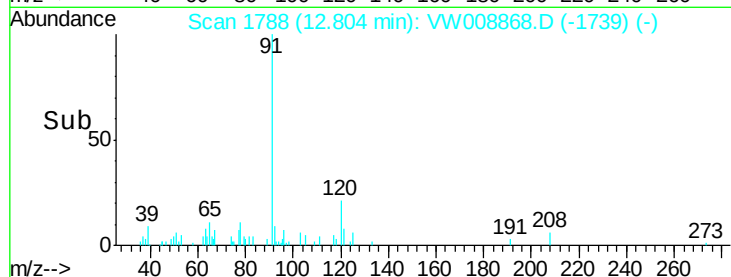
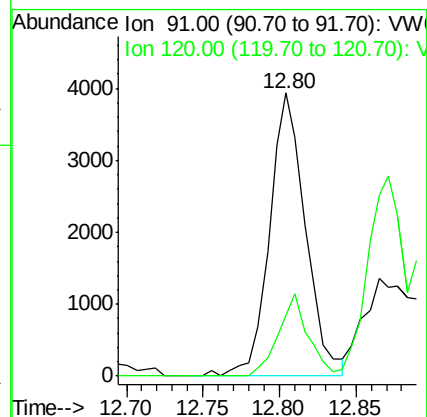
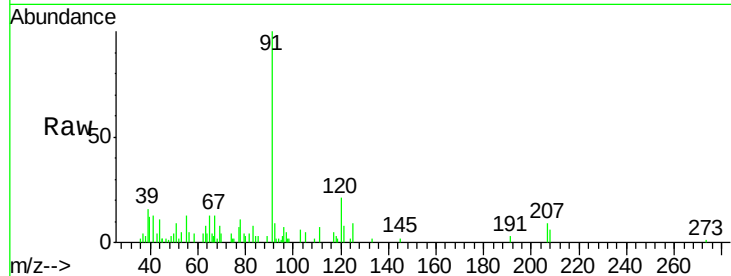
Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4

Manual Integrations
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3/1/2019 12:09:44 AM



#80

1,3,5-Trimethylbenzene

Concen: 7.537 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008868.D

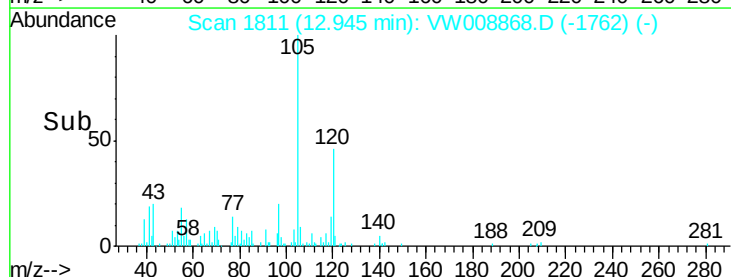
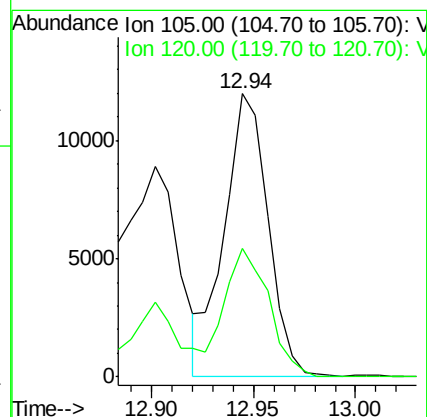
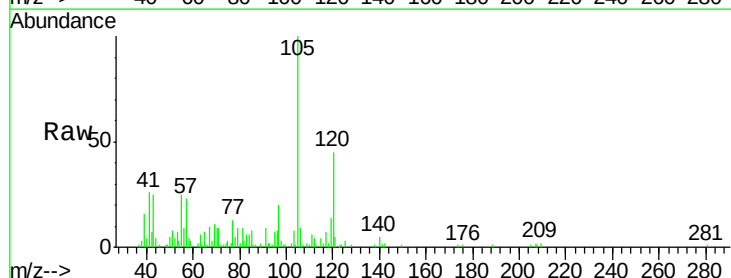
Acq: 27 Feb 2019 21:16

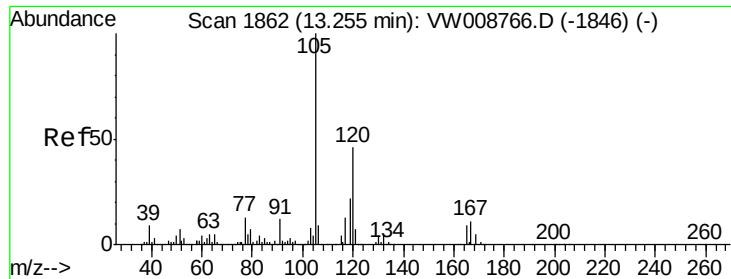
Tgt Ion: 105 Resp: 17873

Ion Ratio Lower Upper

105 100

120 45.3 24.8 74.4





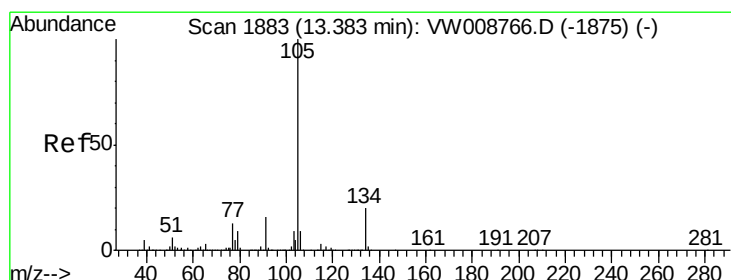
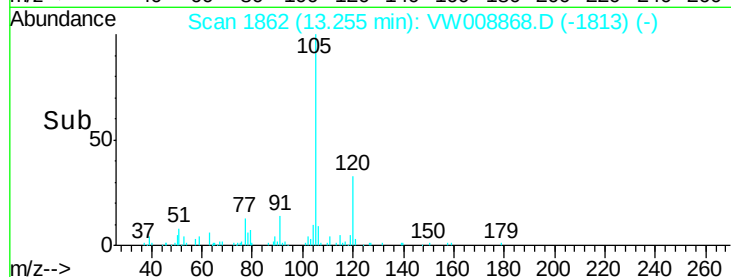
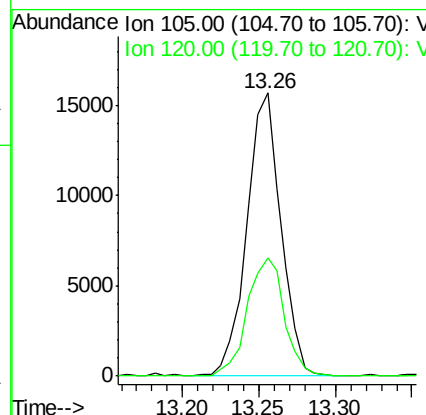
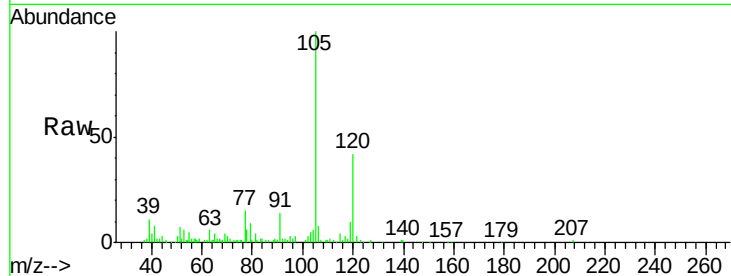
#84
1,2,4-Trimethylbenzene
Concen: 9.898 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008868.D
Acq: 27 Feb 2019 21:16

Instrument :
MSVOA_W
ClientSampled :
EO-01-022619-A

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.8	68.4

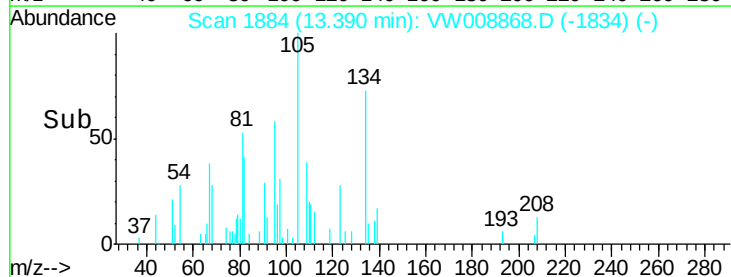
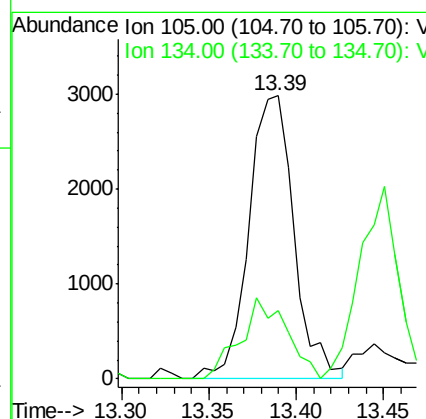
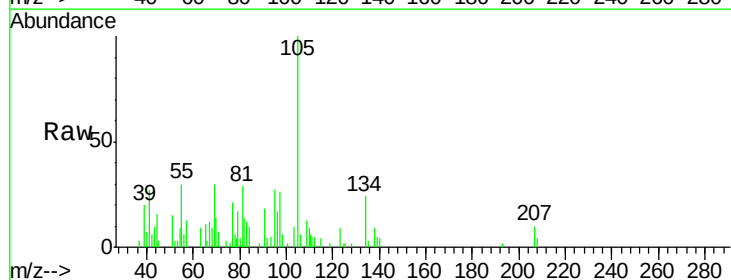
Manual Integrations
APPROVED

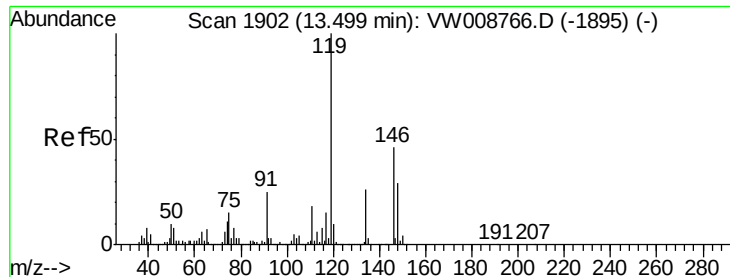
MMDadoda
3/1/2019 12:09:44 AM



#85
sec-Butylbenzene
Concen: 1.819 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VW008868.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
105	100		
134	29.4	10.4	31.1





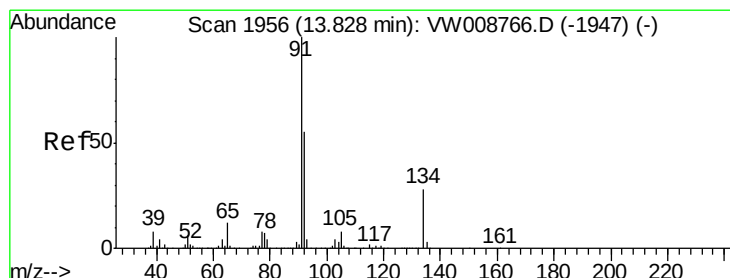
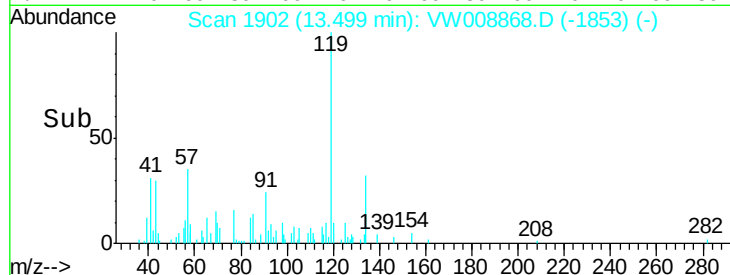
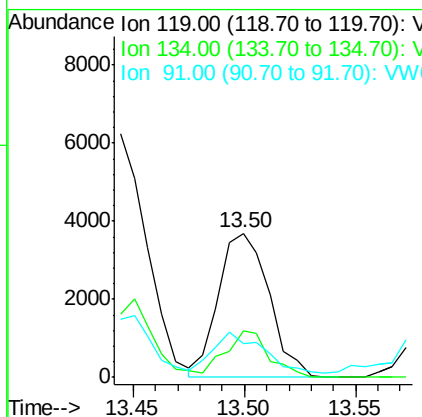
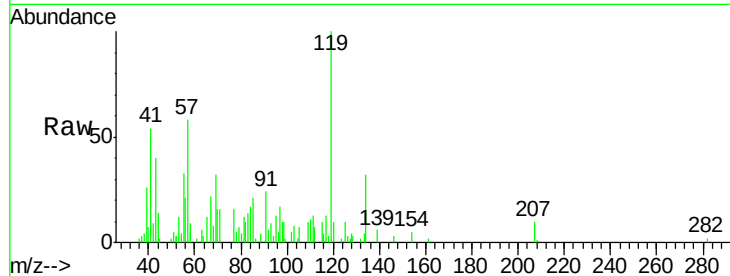
#86
p-Isopropyltoluene
Concen: 2.153 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. 0.00 min
Lab File: VW008868.D
Acq: 27 Feb 2019 21:16

Instrument :
MSVOA_W
ClientSampled :
EO-01-022619-A

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.1	39.3
91	27.5	12.1	36.3

Manual Integrations
APPROVED

MMDadoda
3/1/2019 12:09:44 AM



#89
n-Butylbenzene
Concen: 2.193 ug/l m
RT: 13.82 min Scan# 1955
Delta R.T. -0.01 min
Lab File: VW008868.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.8	80.4#
134	338.7	13.5	40.4#

