

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012519\
 Data File : VW008417.D
 Acq On : 25 Jan 2019 17:53
 Operator : SY/VA
 Sample : K1016-03
 Misc : 7.62G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-RO-1-012319

Manual Integrations
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 1/28/2019 12:46:02 PM

Quant Time: Jan 28 03:52:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	62305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	93842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	53602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	20242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	40903	66.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.66%	
35) Dibromofluoromethane	7.88	113	33925	61.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.66%	
50) Toluene-d8	10.32	98	41837	19.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.02%	
62) 4-Bromofluorobenzene	12.62	95	26494	31.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.64%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	10325	75.116	ug/l	95
20) Methylene Chloride	4.91	84	6934	10.945	ug/l	94
67) Ethyl Benzene	11.73	91	2620	1.303	ug/l	98
68) m/p-Xylenes	11.83	106	2556	3.275	ug/l	92
69) o-Xylene	12.16	106	2767	3.732	ug/l	81
78) n-propylbenzene	12.80	91	4064	2.242	ug/l	88
80) 1,3,5-Trimethylbenzene	12.94	105	8011	6.351	ug/l	93
84) 1,2,4-Trimethylbenzene	13.26	105	21407	16.697	ug/l	98
85) sec-Butylbenzene	13.38	105	3111	1.941	ug/l #	74
86) p-Isopropyltoluene	13.50	119	3271m	2.330	ug/l	
95) Naphthalene	15.37	128	6135	8.314	ug/l #	93

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

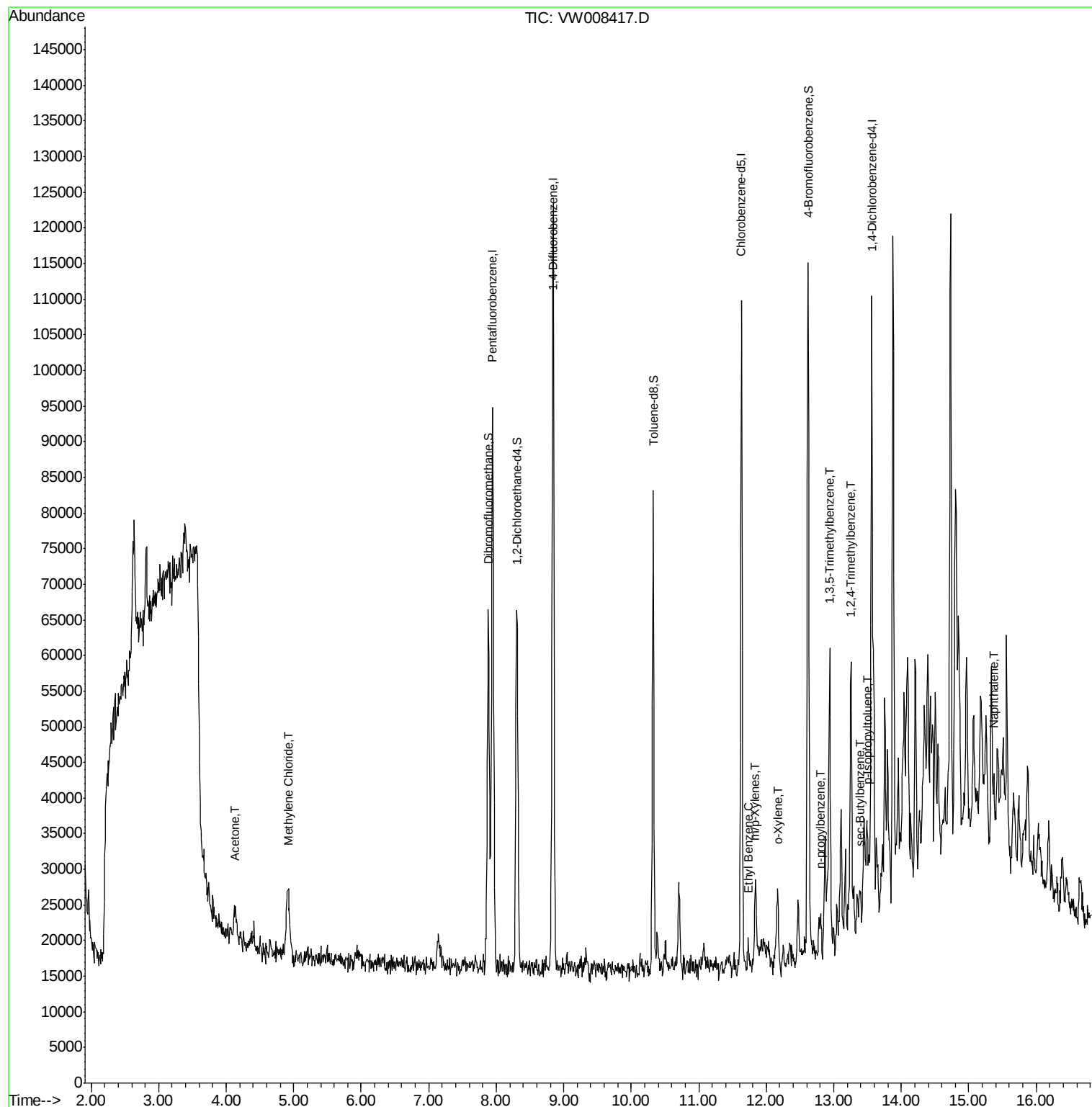
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012519\
Data File : VW008417.D
Acq On : 25 Jan 2019 17:53
Operator : SY/VA
Sample : K1016-03
Misc : 7.62G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

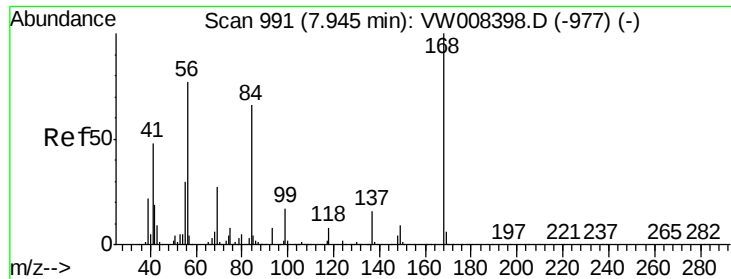
Instrument :
MSVOA_W
ClientSampleId :
TR-05-RO-1-012319

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Quant Time: Jan 28 03:52:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 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: VW008417.D

Acq: 25 Jan 2019 17:53

Instrument :

MSVOA_W

ClientSampleId :

TR-05-RO-1-012319

Tot Ion:168 Resp: 62305

Ion Ratio Lower Upper

168 100

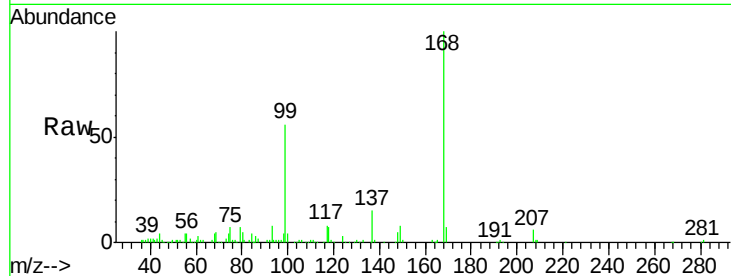
99 55.3 45.5 68.3

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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

30000

25000

20000

15000

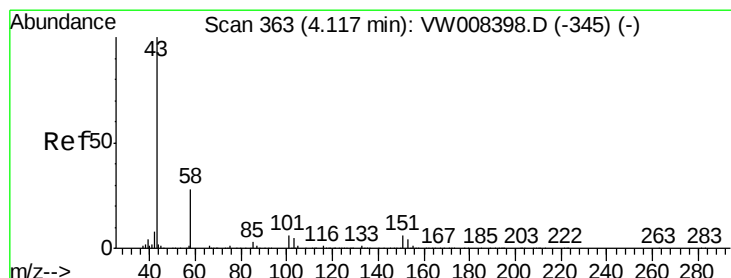
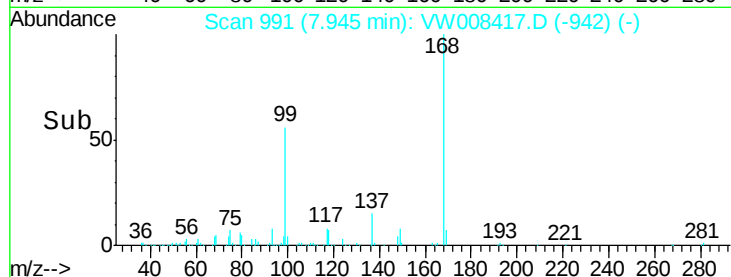
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5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 75.116 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008417.D

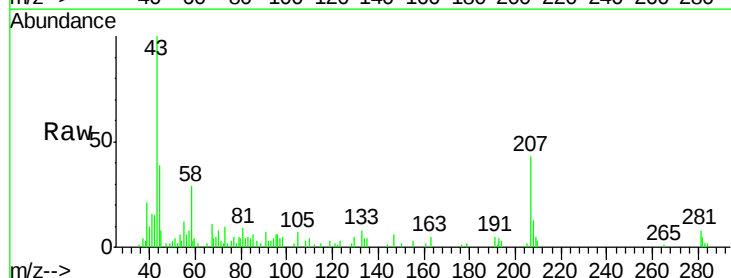
Acq: 25 Jan 2019 17:53

Tgt Ion: 43 Resp: 10325

Ion Ratio Lower Upper

43 100

58 31.1 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4000

3000

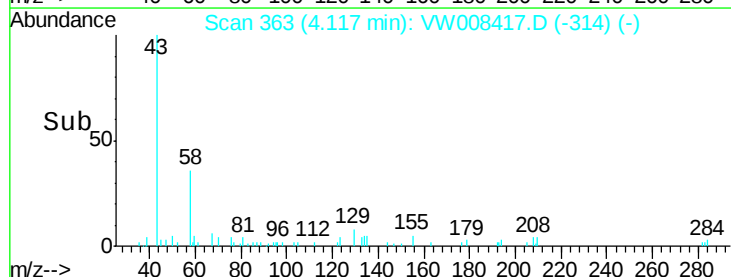
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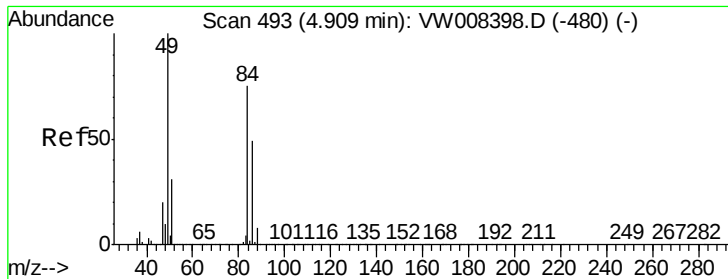
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4.00 4.05 4.10 4.15 4.20

Time-->





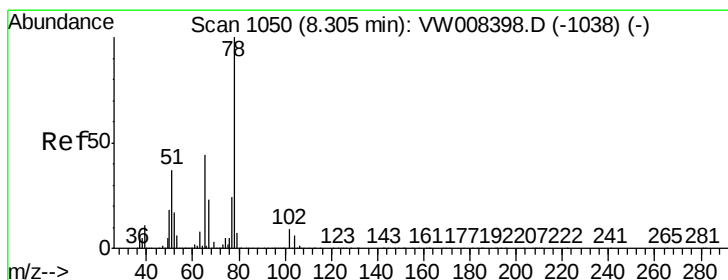
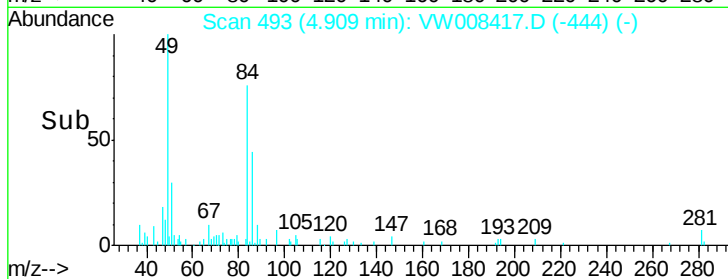
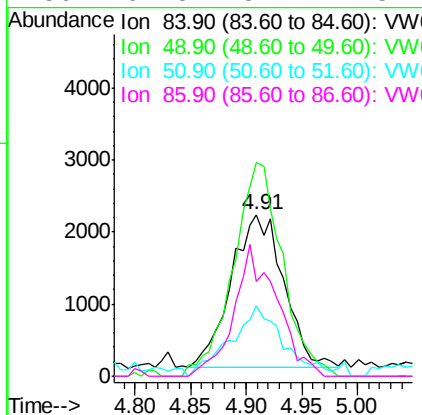
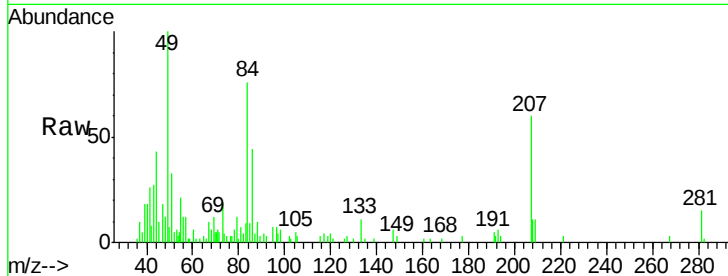
#20
Methvlene Chloride
Concen: 10.945 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008417.D
Acq: 25 Jan 2019 17:53

Instrument :
MSVOA_W
ClientSampleId :
TR-05-RO-1-012319

Tot Ion:	84	Resp:	6934
Ion	Ratio	Lower	Upper
84	100		
49	140.1	106.8	160.2
51	46.4	32.9	49.3
86	61.8	52.2	78.2

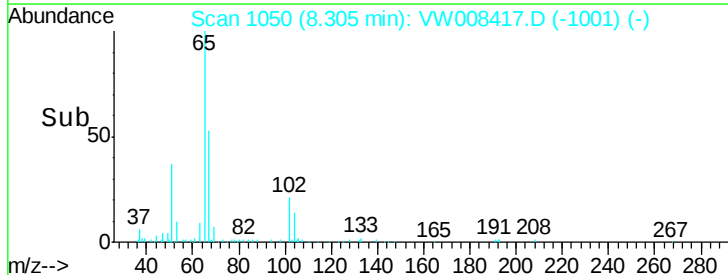
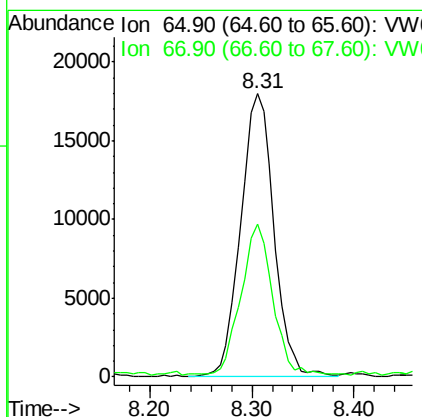
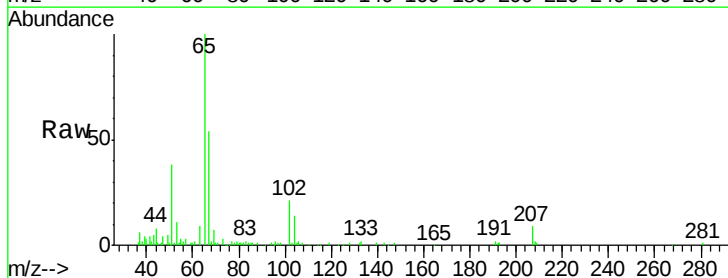
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#33
1,2-Dichloroethane-d4
Concen: 66.825 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008417.D
Acq: 25 Jan 2019 17:53

Tgt Ion:	65	Resp:	40903
Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	104.0





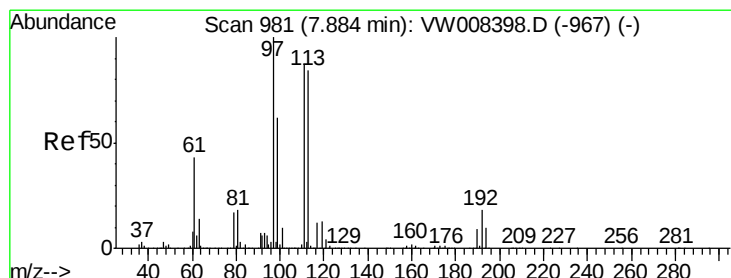
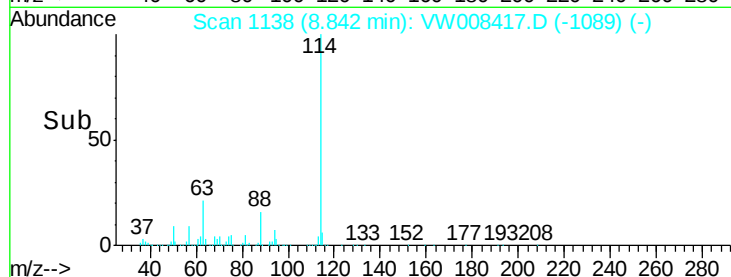
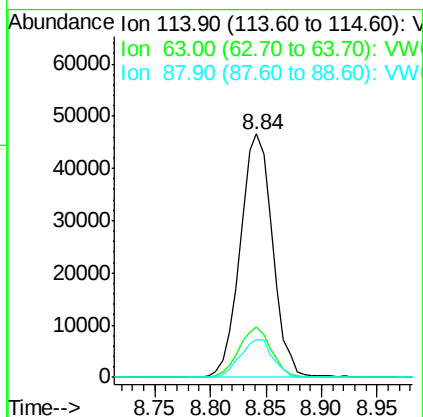
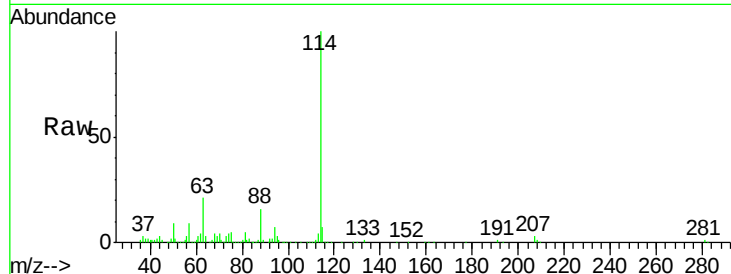
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008417.D
Acq: 25 Jan 2019 17:53

Instrument :
MSVOA_W
ClientSampleId :
TR-05-RO-1-012319

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.6
88	15.5	0.0	31.8

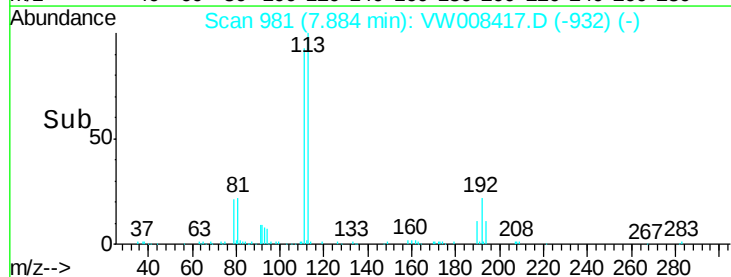
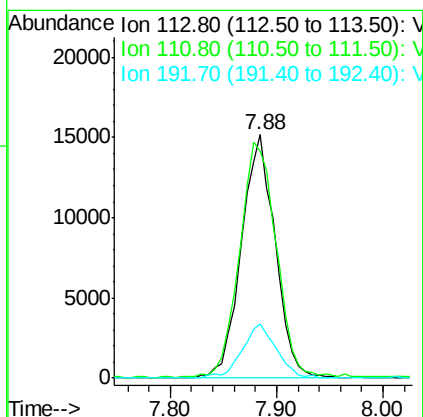
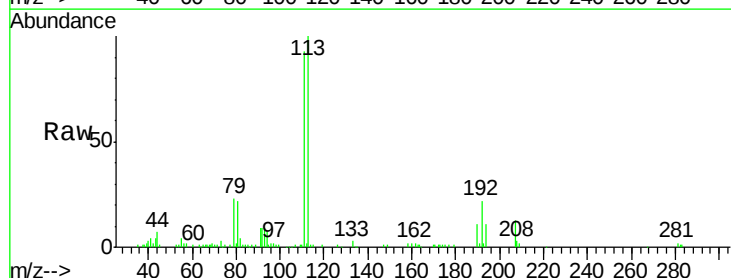
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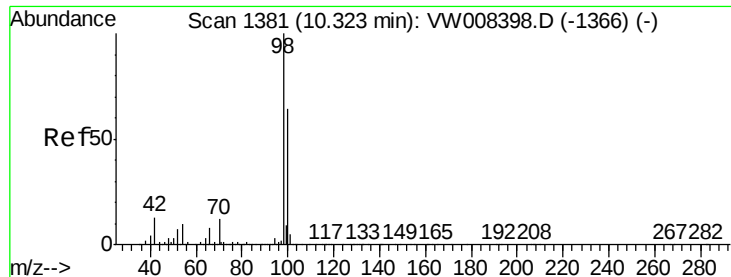
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#35
Dibromofluoromethane
Concen: 61.825 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008417.D
Acq: 25 Jan 2019 17:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.7	81.0	121.4
192	22.6	16.8	25.2





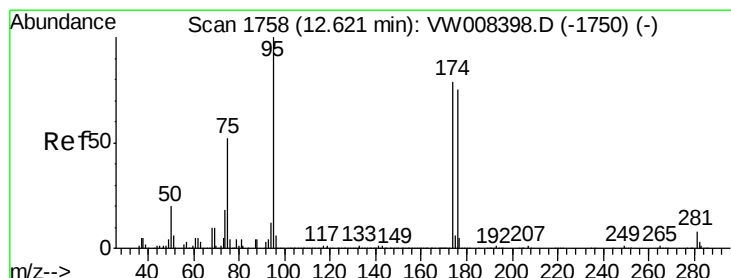
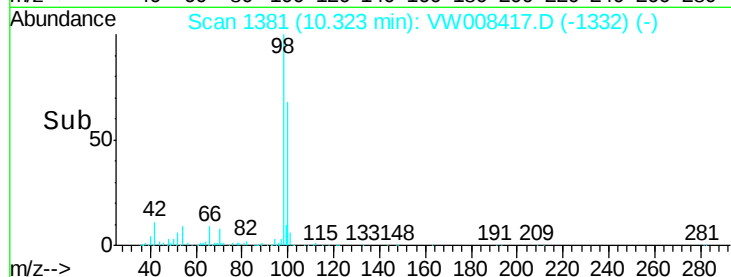
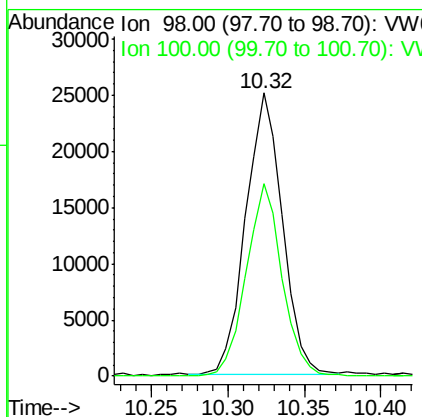
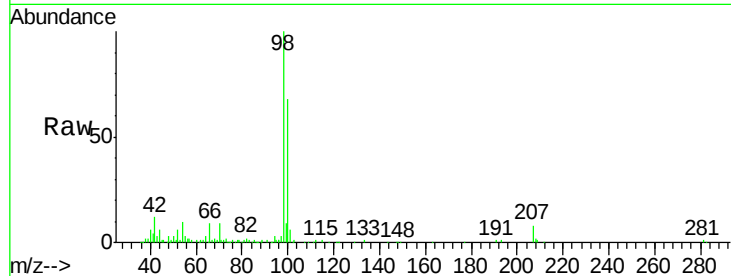
#50
Toluene-d8
Concen: 19.013 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008417.D
Acq: 25 Jan 2019 17:53

Instrument :
MSVOA_W
ClientSampleId :
TR-05-RO-1-012319

Tot Ion: 98 Resp: 41837
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

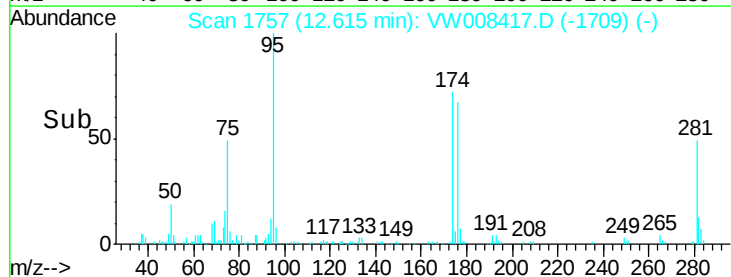
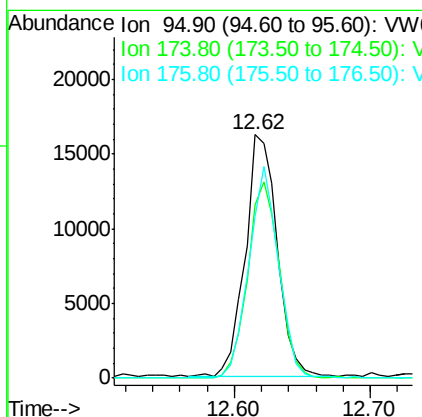
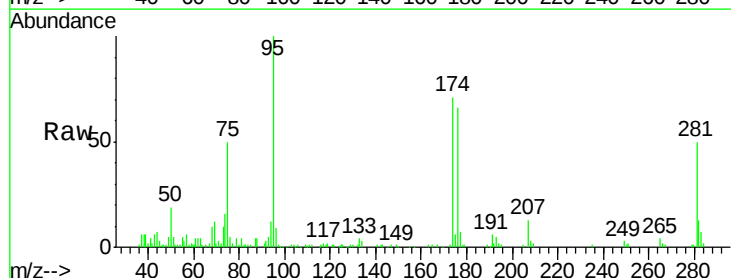
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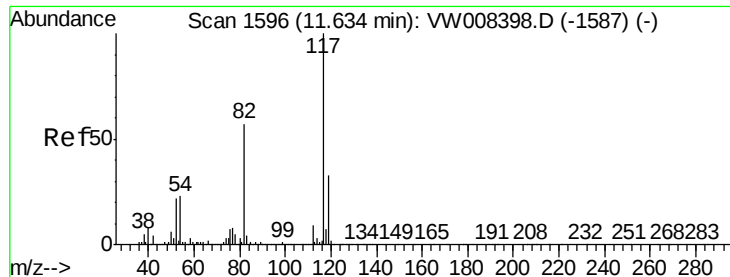
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#62
4-Bromofluorobenzene
Concen: 31.324 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW008417.D
Acq: 25 Jan 2019 17:53

Tgt Ion: 95 Resp: 26494
Ion Ratio Lower Upper
95 100
174 81.1 0.0 157.6
176 82.0 0.0 151.8





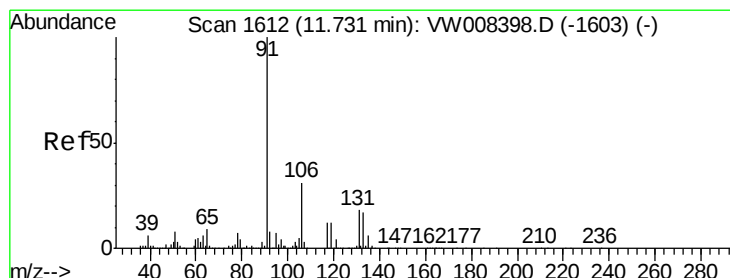
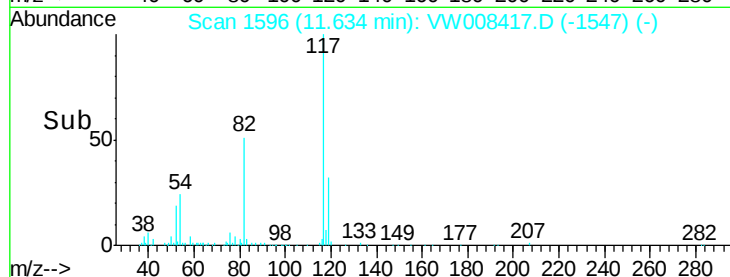
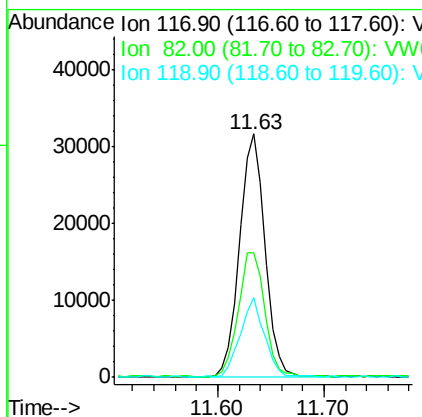
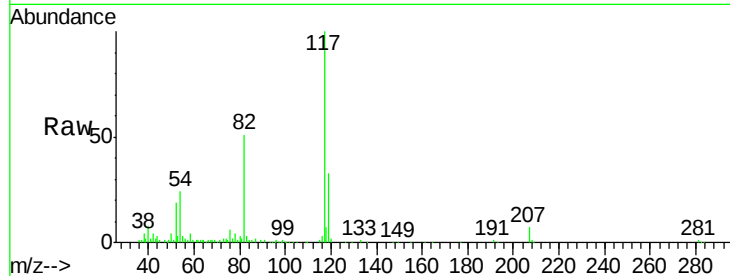
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008417.D
Acq: 25 Jan 2019 17:53

Instrument :
MSVOA_W
ClientSampleId :
TR-05-RO-1-012319

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	45.4	68.0
119	32.3	26.2	39.4

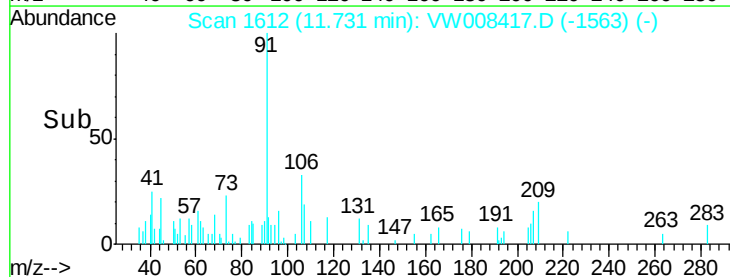
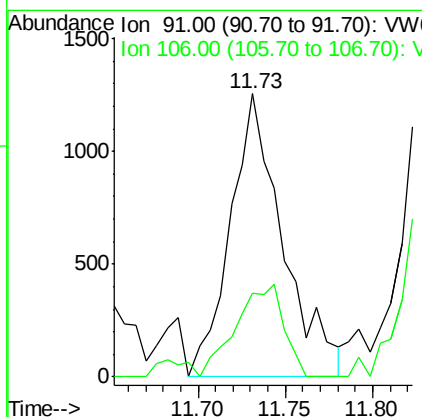
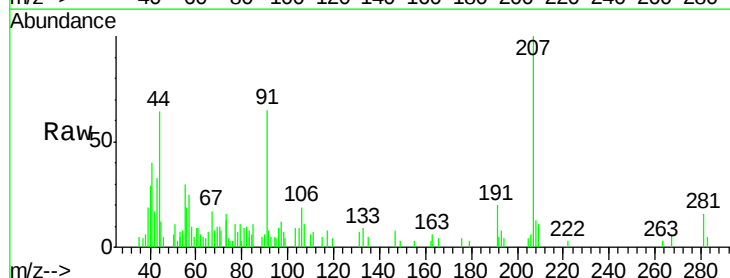
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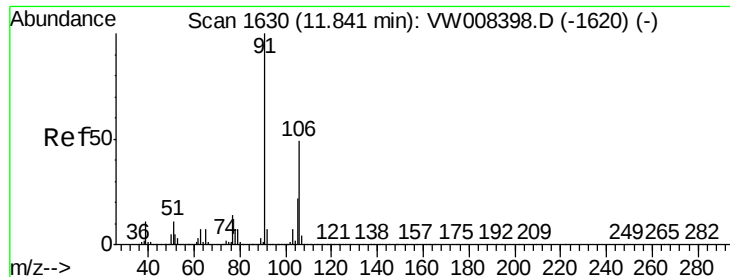
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#67
Ethyl Benzene
Concen: 1.303 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008417.D
Acq: 25 Jan 2019 17:53

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.7	37.1





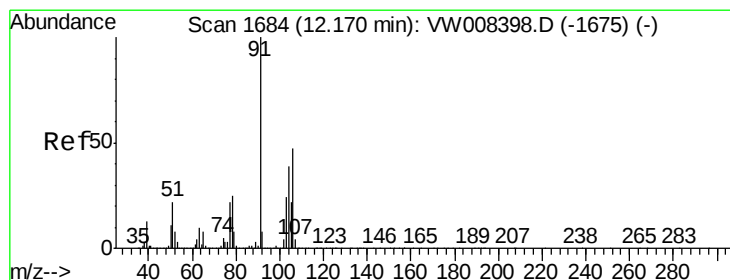
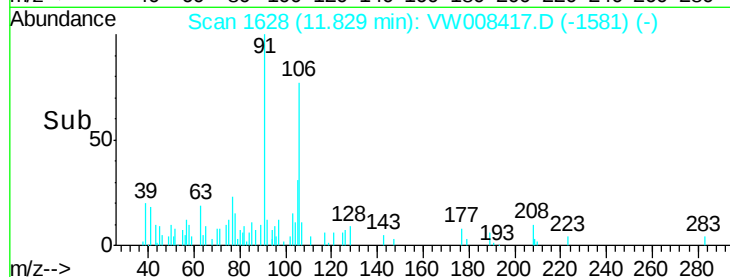
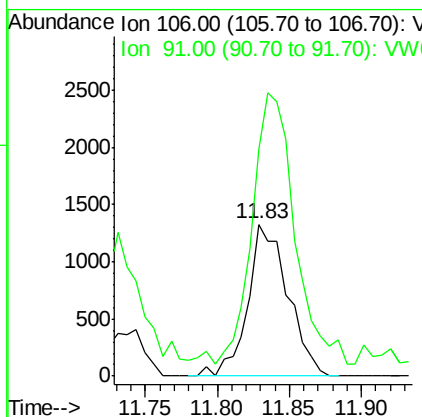
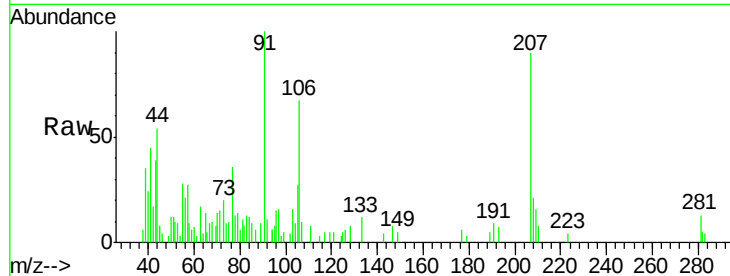
#68
m/p-Xylenes
Concen: 3.275 ug/l
RT: 11.83 min Scan# 1628
Delta R.T. -0.01 min
Lab File: VW008417.D
Acq: 25 Jan 2019 17:53

Instrument :
MSVOA_W
ClientSampleId :
TR-05-RO-1-012319

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		2556		
91	191.9	162.9	244.3		

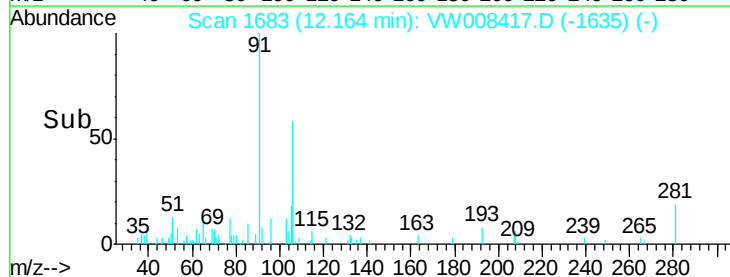
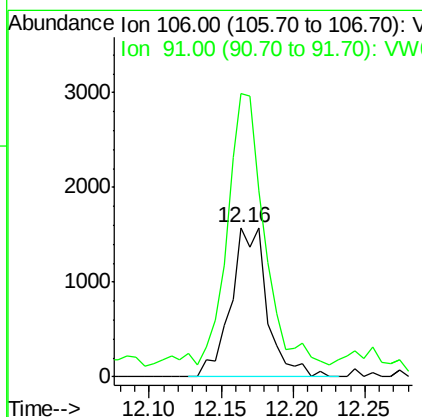
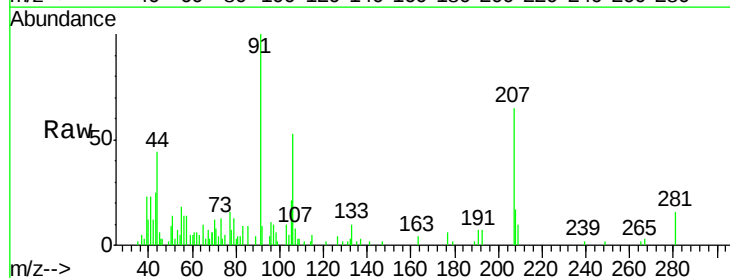
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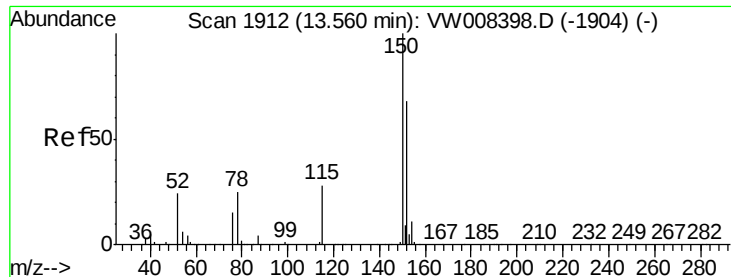
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#69
o-Xylene
Concen: 3.732 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008417.D
Acq: 25 Jan 2019 17:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		2767		
91	185.0	107.5	322.4		





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW008417.D

Acq: 25 Jan 2019 17:53

Instrument :

MSVOA_W

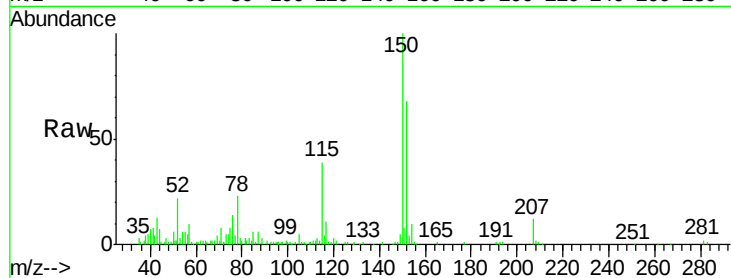
ClientSampleId :

TR-05-RO-1-012319

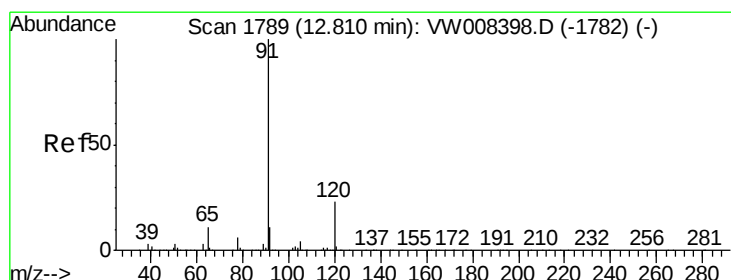
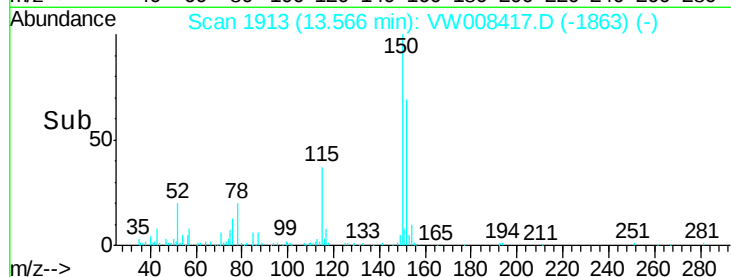
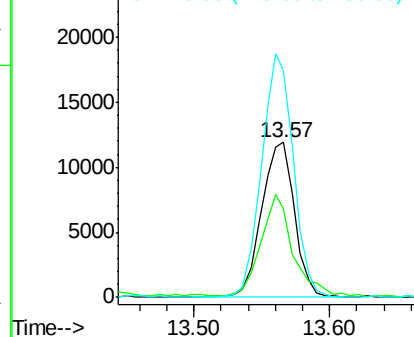
Tot Ion:	152	Resp:	20242
Ion	Ratio	Lower	Upper
152	100		
115	64.1	29.9	89.7
150	151.2	0.0	351.4

Manual Integrations
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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



#78

n-propylbenzene

Concen: 2.242 ug/l

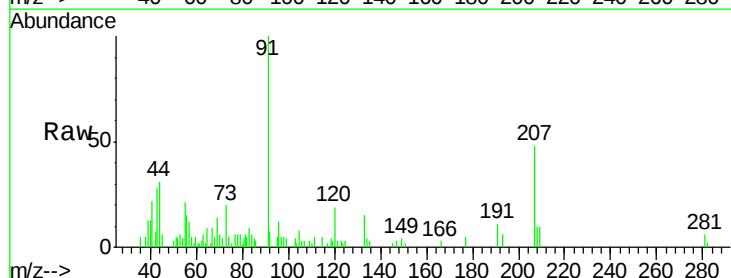
RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

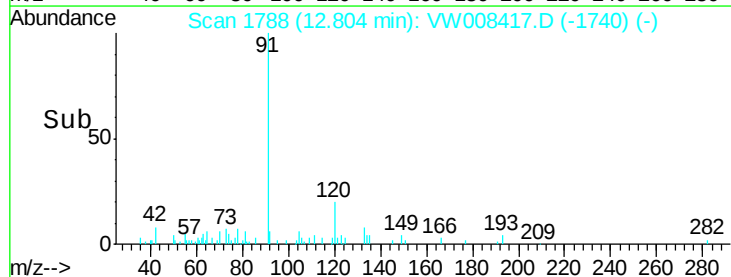
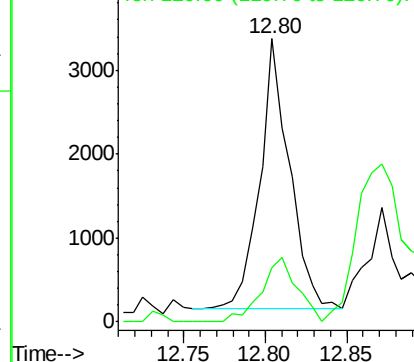
Lab File: VW008417.D

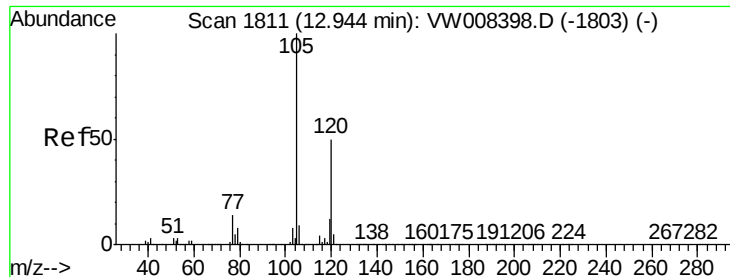
Acq: 25 Jan 2019 17:53

Tgt Ion:	91	Resp:	4064
Ion	Ratio	Lower	Upper
91	100		
120	28.4	11.4	34.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





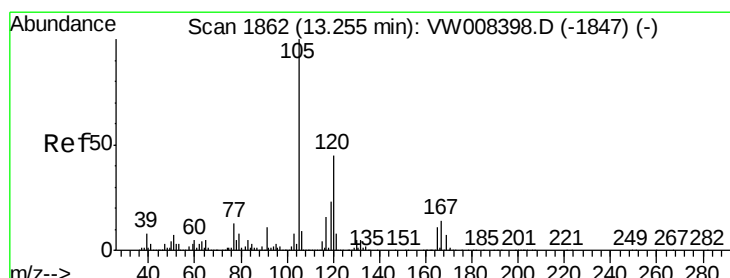
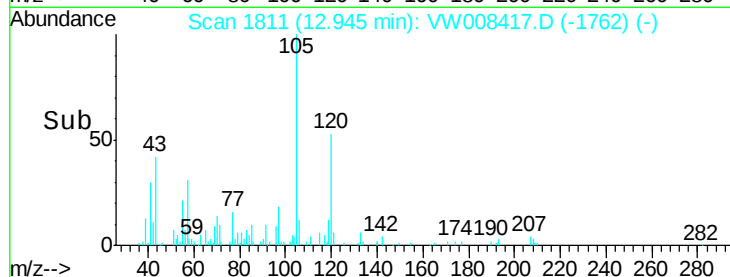
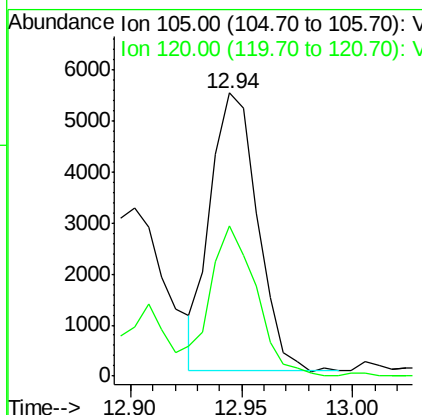
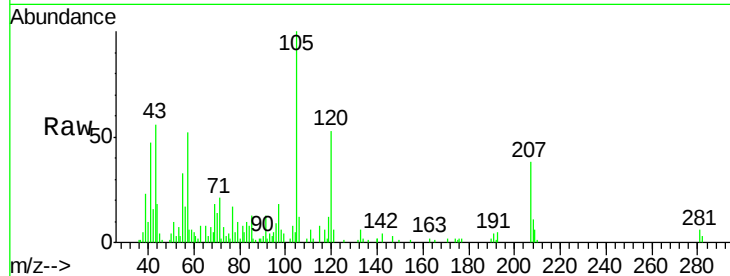
#80
 1,3,5-Trimethylbenzene
 Concen: 6.351 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008417.D
 Acq: 25 Jan 2019 17:53

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-RO-1-012319

Tot Ion	Ratio	Lower	Upper
105	100		
120	54.2	24.6	73.8

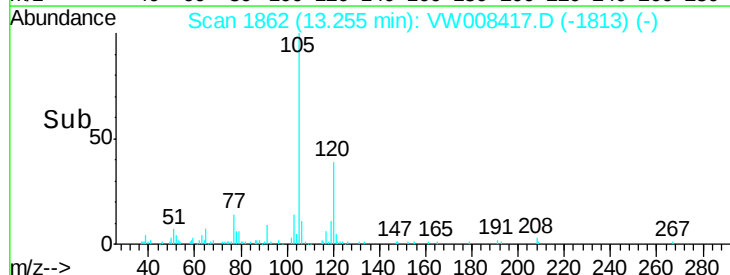
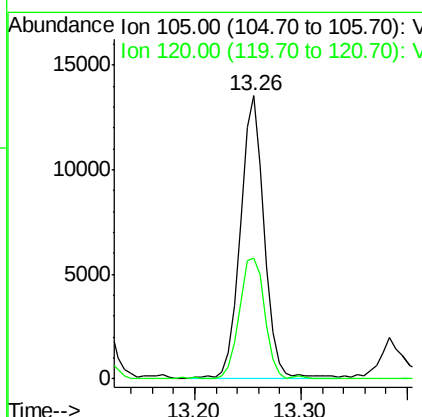
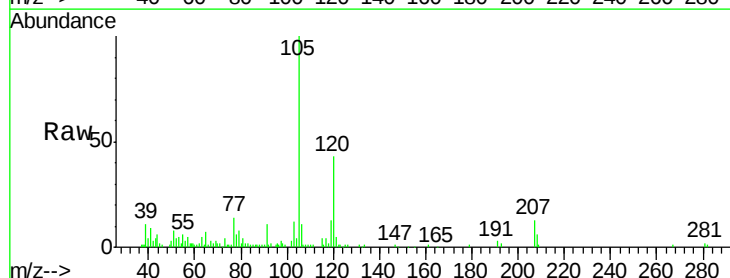
Manual Integrations
 APPROVED

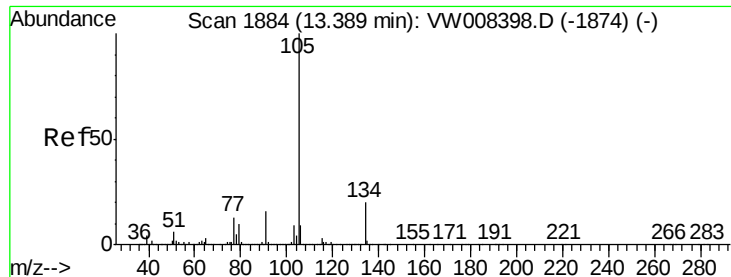
MMDadoda
 1/28/2019 12:46:02 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 16.697 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008417.D
 Acq: 25 Jan 2019 17:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	23.1	69.2





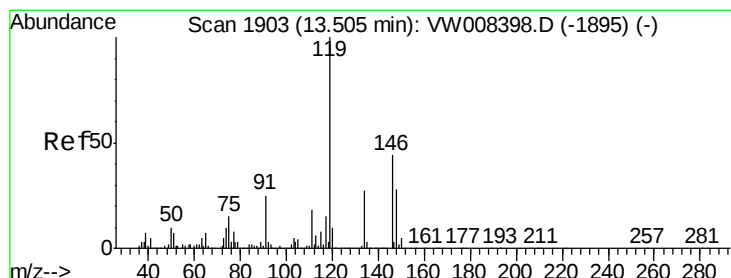
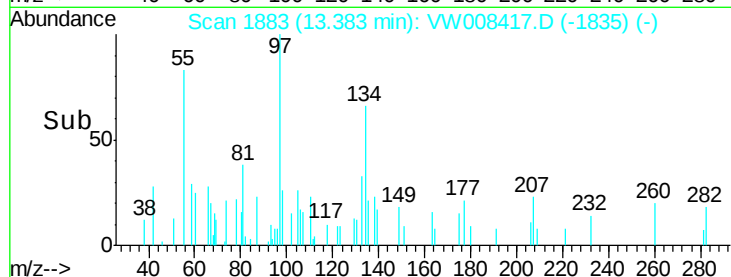
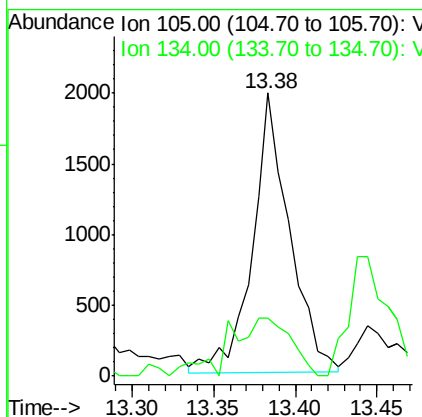
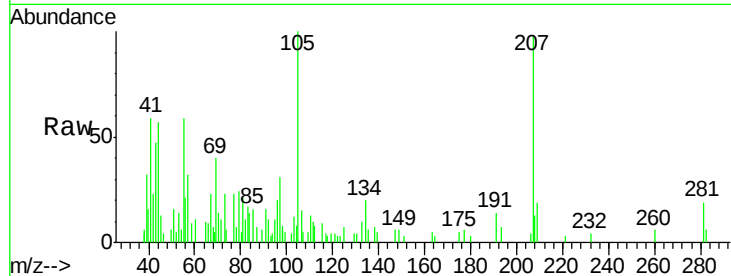
#85
 sec-Butylbenzene
 Concen: 1.941 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008417.D
 Acq: 25 Jan 2019 17:53

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-RO-1-012319

Tot Ion	Ratio	Lower	Upper
105	100		
134	32.5	10.2	30.6#

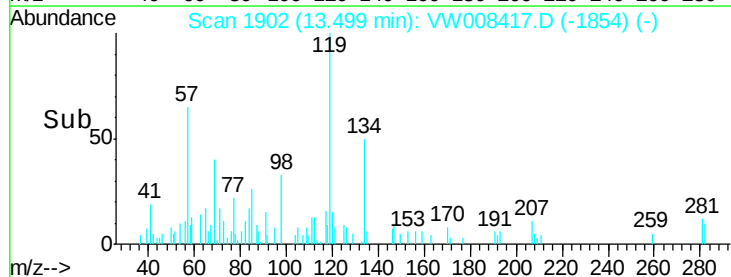
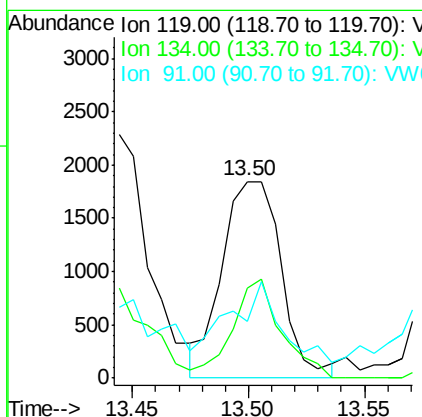
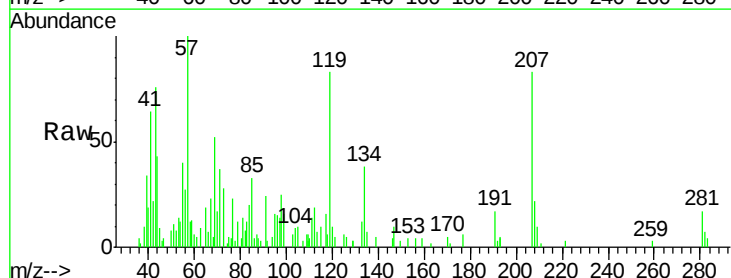
Manual Integrations
 APPROVED

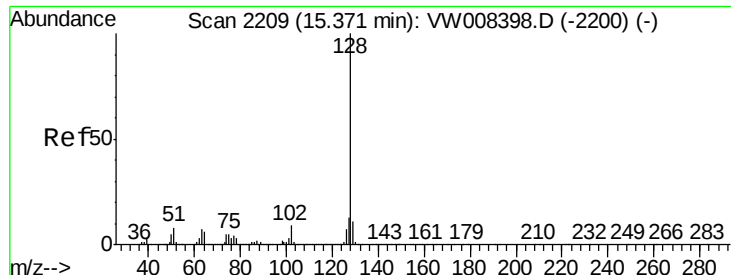
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 1/28/2019 12:46:02 PM



#86
 p-Isopropyltoluene
 Concen: 2.330 ug/l m
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008417.D
 Acq: 25 Jan 2019 17:53

Tgt Ion	Ratio	Lower	Upper
119	100		
134	44.4	13.4	40.2#
91	39.5	12.6	37.6#





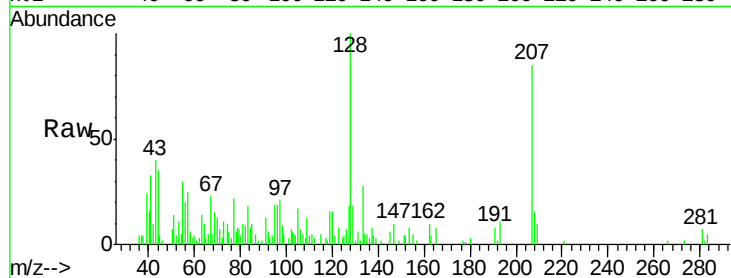
#95
Naphthalene
Concen: 8.314 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008417.D
Acq: 25 Jan 2019 17:53

Instrument :
MSVOA_W
ClientSampleId :
TR-05-RO-1-012319

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	8.6	10.6	15.8#
129	10.2	8.7	13.1

Manual Integrations
APPROVED

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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

