

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012519\
 Data File : VW008426.D
 Acq On : 25 Jan 2019 21:52
 Operator : SY/VA
 Sample : K1250-02RE
 Misc : 5.96G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-6RE

Manual Integrations
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Quant Time: Jan 28 04:30:28 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	430203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	687709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	611737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	373449	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	221060	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
35) Dibromofluoromethane	7.88	113	216735	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
50) Toluene-d8	10.32	98	915403	56.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.54%	
62) 4-Bromofluorobenzene	12.62	95	732175	118.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	236.24%	
Target Compounds						
16) Acetone	4.12	43	43326	45.650	ug/l	98
17) Carbon Disulfide	4.37	76	25970	2.065	ug/l #	94
20) Methylene Chloride	4.92	84	38450	8.790	ug/l	91
25) 2-Butanone	7.18	43	9109	6.910	ug/l	95
31) Cyclohexane	7.95	56	95521	11.516	ug/l #	89
39) Methylcyclohexane	9.34	83	553367	64.844	ug/l	97
73) Isopropylbenzene	12.47	105	36941	1.327	ug/l	85
80) 1,3,5-Trimethylbenzene	12.94	105	462016	19.854	ug/l	98
86) p-Isopropyltoluene	13.50	119	506757m	19.562	ug/l	

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

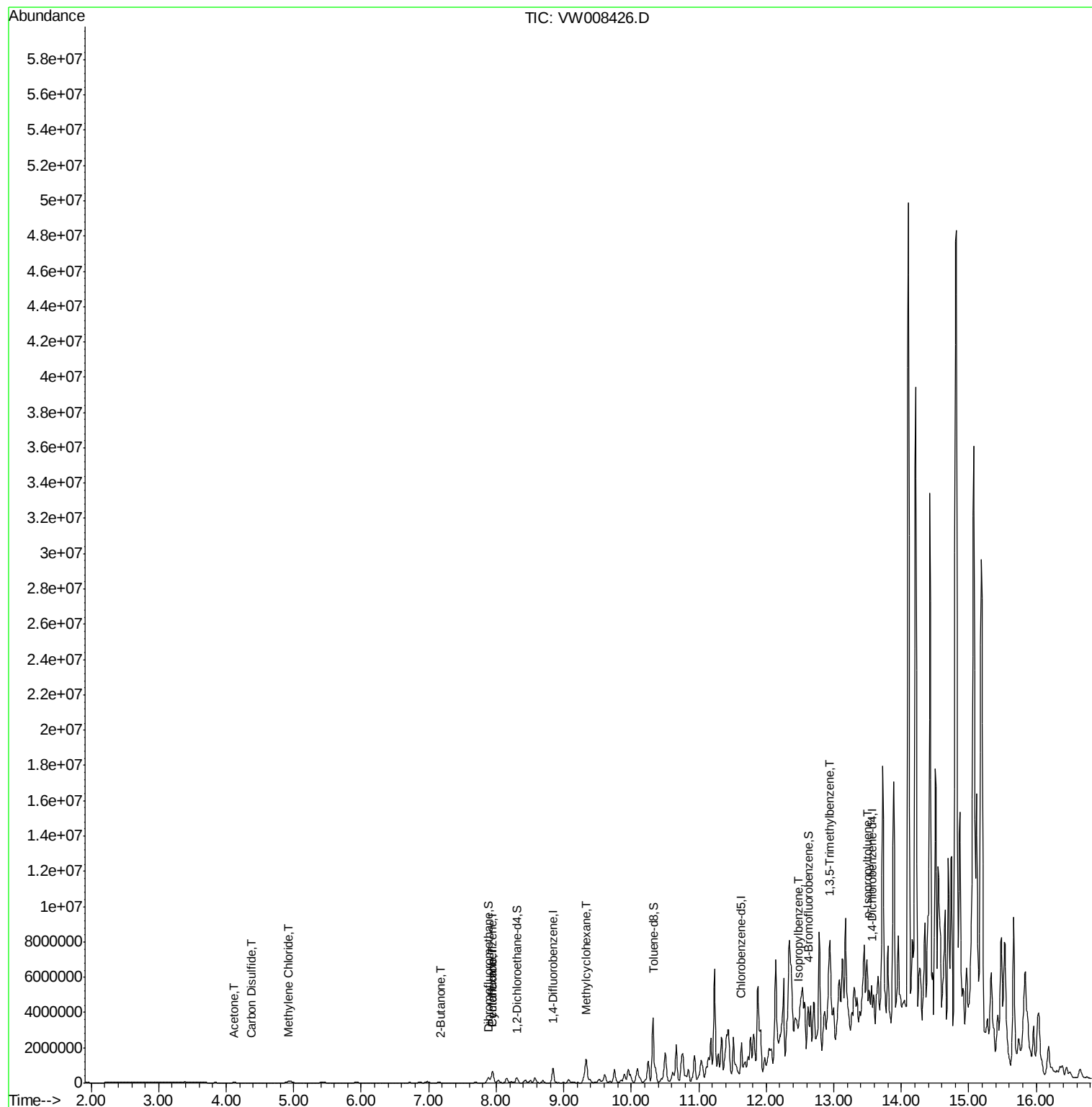
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012519\
Data File : VW008426.D
Acq On : 25 Jan 2019 21:52
Operator : SY/VA
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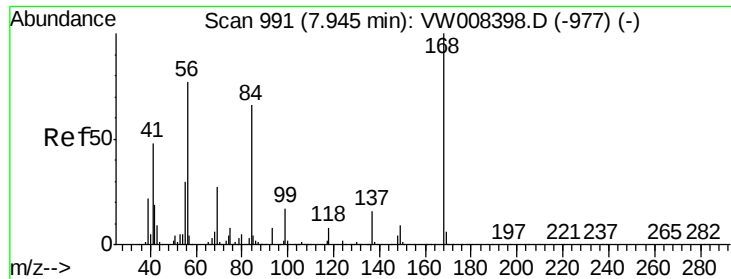
Instrument :
MSVOA_W
ClientSampleId :
DRUM-6RE

Manual Integrations
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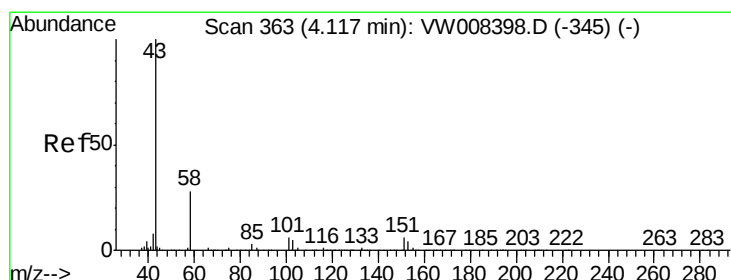
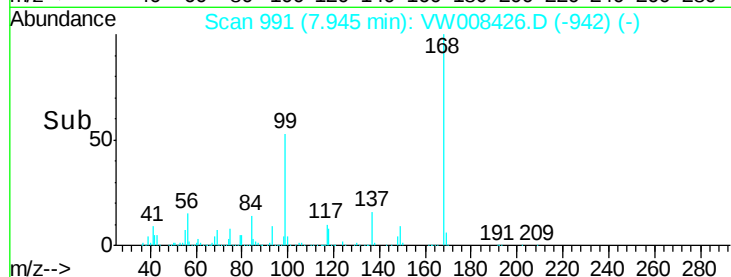
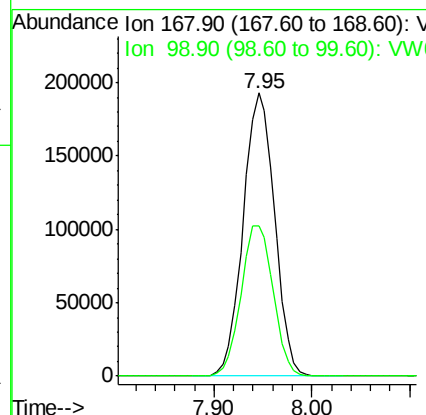
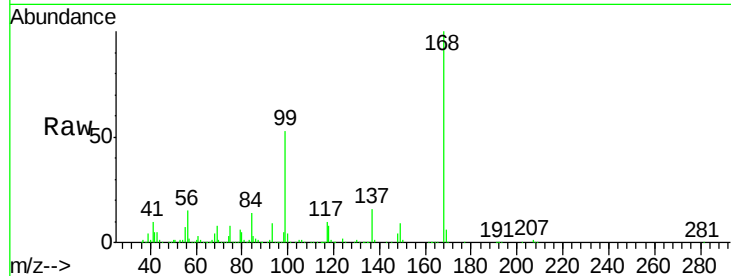
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW008426.D
Acq: 25 Jan 2019 21:52

Instrument :
MSVOA_W
ClientSampleId :
DRUM-6RE

Tot Ion	Ratio	Lower	Upper
168	100		
99	53.2	45.5	68.3

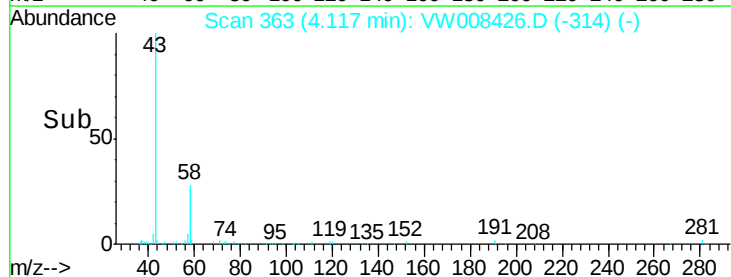
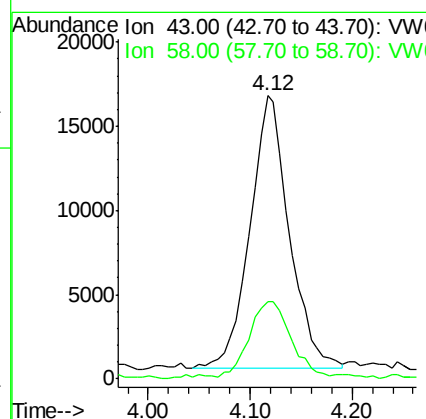
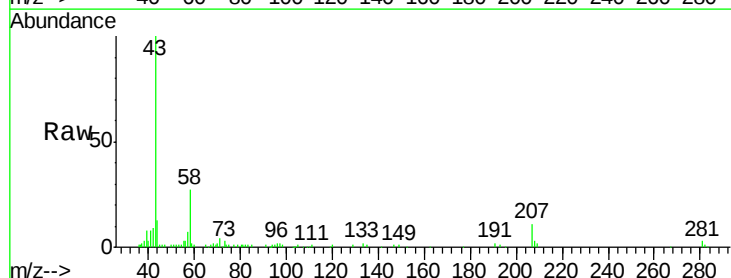
Manual Integrations
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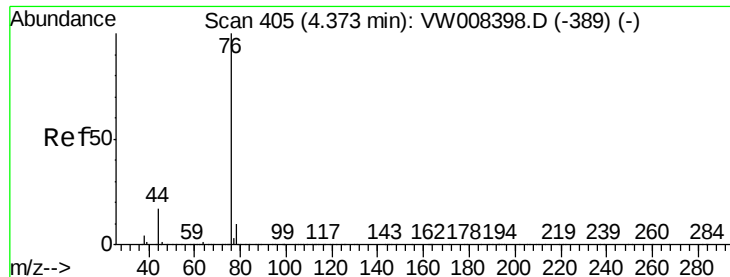
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#16
Acetone
Concen: 45.650 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW008426.D
Acq: 25 Jan 2019 21:52

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.6	34.0





#17

Carbon Disulfide

Concen: 2.065 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008426.D

Acq: 25 Jan 2019 21:52

Instrument :

MSVOA_W

ClientSampleId :

DRUM-6RE

Tot Ion: 76 Resp: 25970

Ion Ratio Lower Upper

76 100

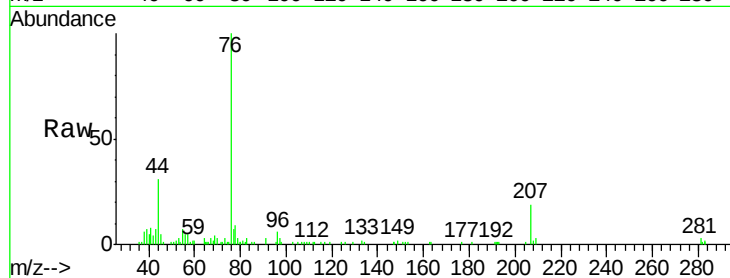
78 7.3 7.7 11.5#

Manual Integrations

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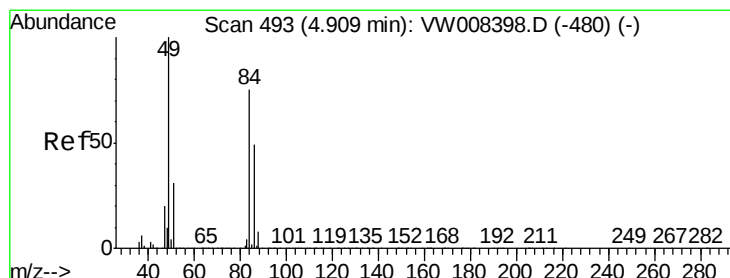
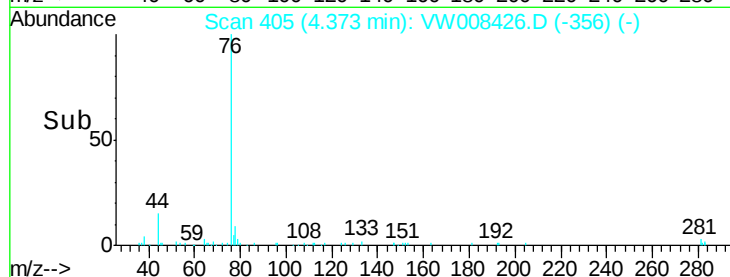
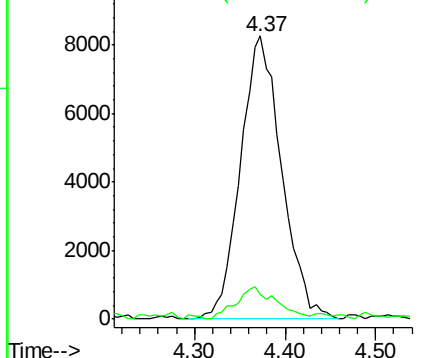
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 8.790 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW008426.D

Acq: 25 Jan 2019 21:52

Tgt Ion: 84 Resp: 38450

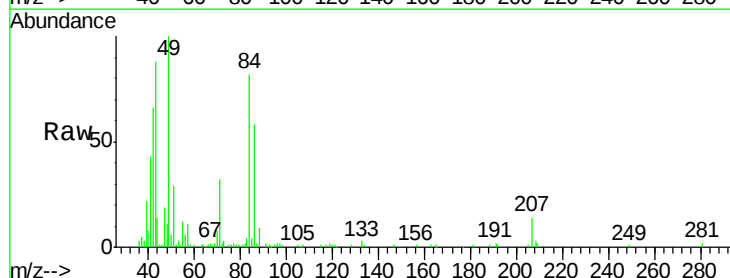
Ion Ratio Lower Upper

84 100

49 121.7 106.8 160.2

51 33.8 32.9 49.3

86 70.3 52.2 78.2

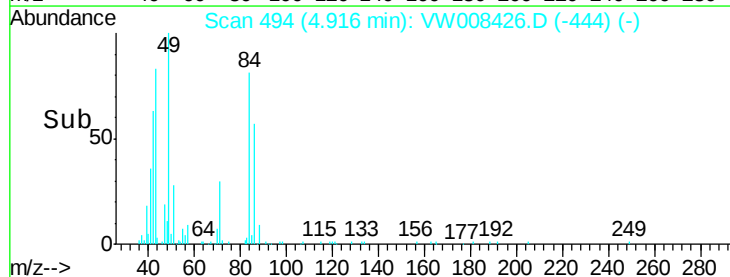
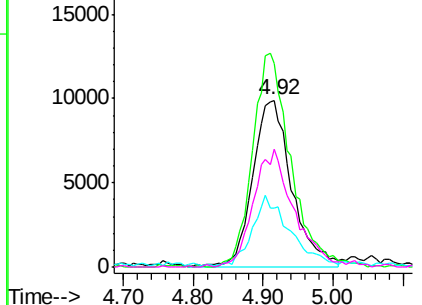


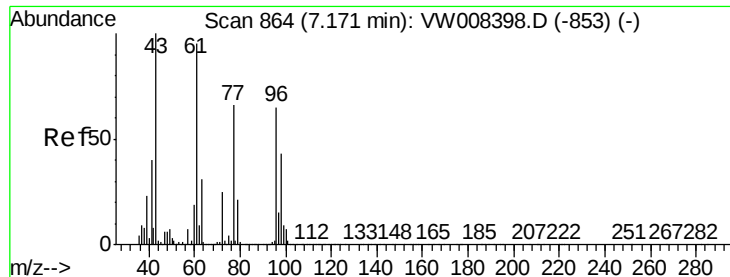
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 6.910 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008426.D

Acq: 25 Jan 2019 21:52

Instrument :

MSVOA_W

ClientSampleId :

DRUM-6RE

Tot Ion: 43 Resp: 9109

Ion Ratio Lower Upper

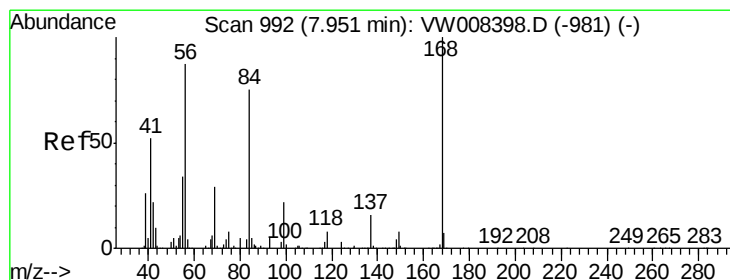
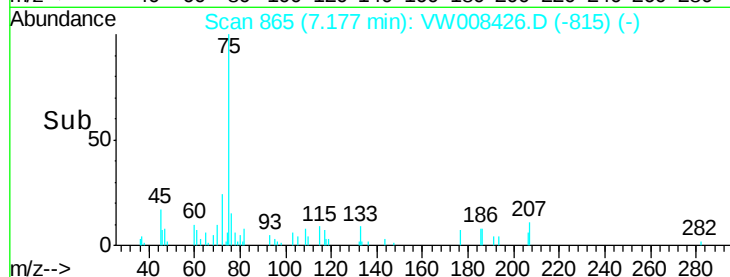
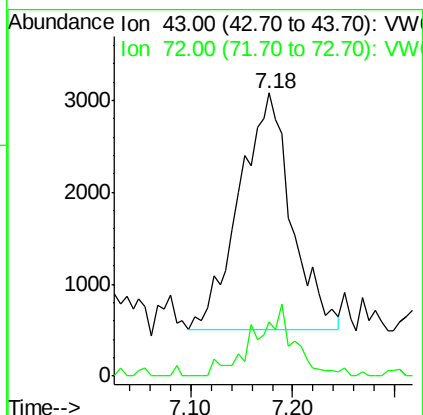
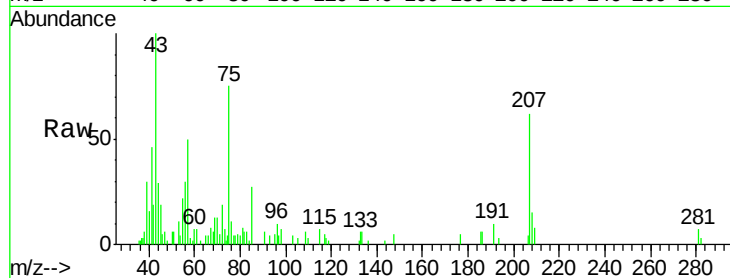
43 100

72 22.8 20.1 30.1

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#31

Cyclohexane

Concen: 11.516 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008426.D

Acq: 25 Jan 2019 21:52

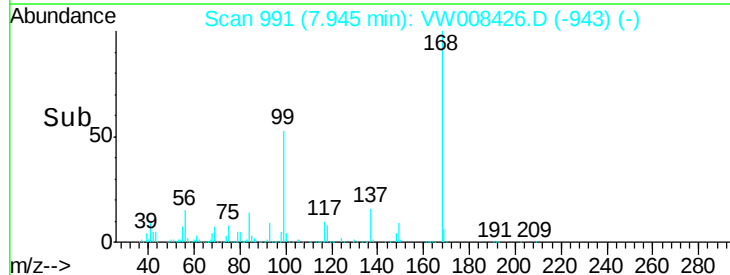
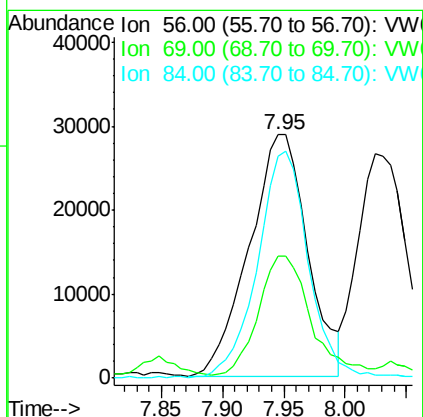
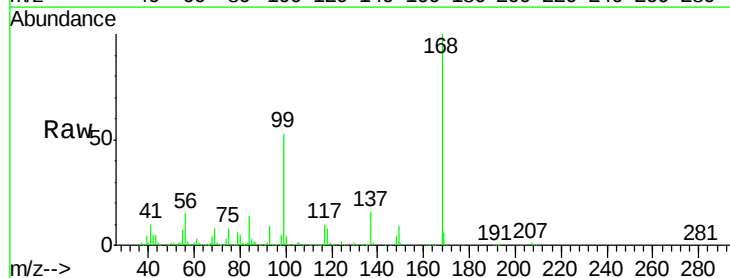
Tgt Ion: 56 Resp: 95521

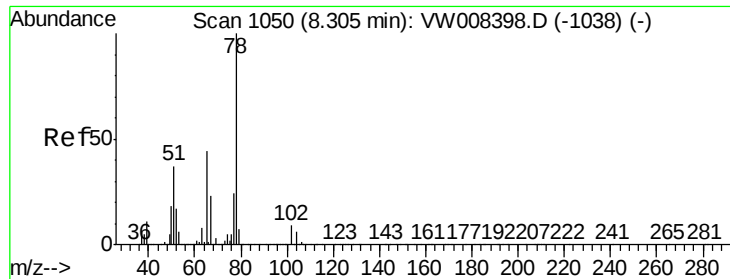
Ion Ratio Lower Upper

56 100

69 47.1 26.4 39.6#

84 91.8 69.1 103.7





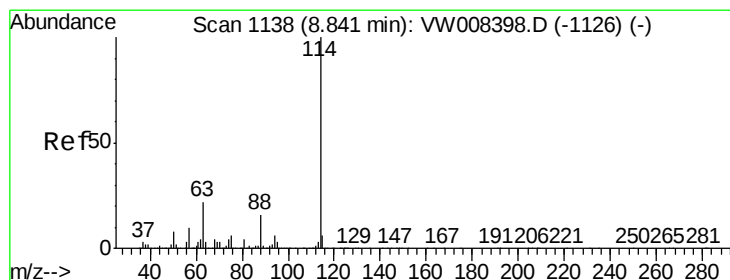
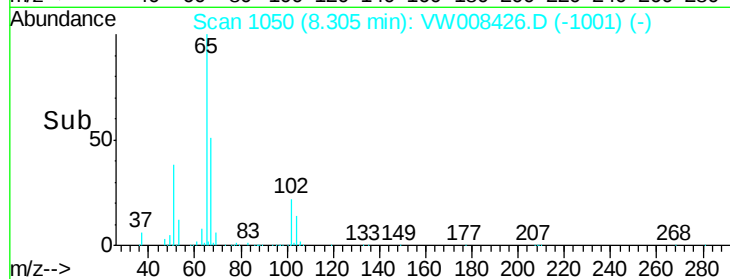
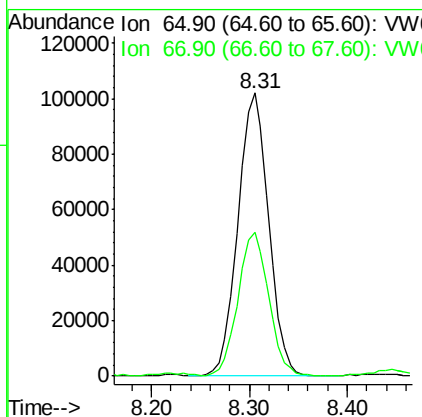
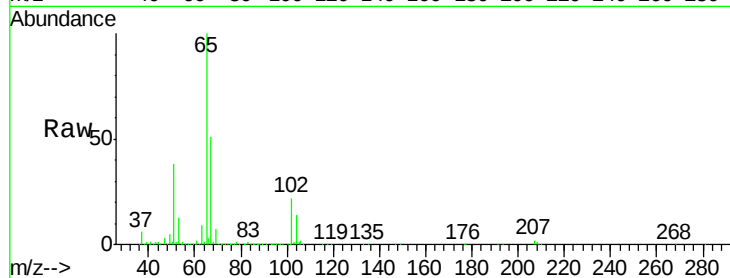
#33
 1,2-Dichloroethane-d4
 Concen: 52.305 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008426.D
 Acq: 25 Jan 2019 21:52

Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-6RE

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.6	0.0	104.0	

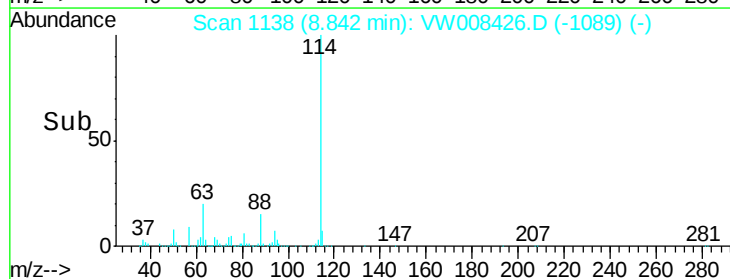
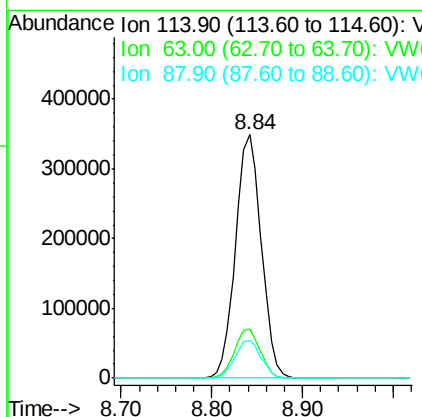
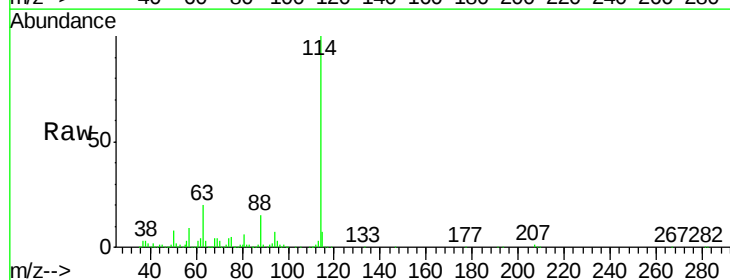
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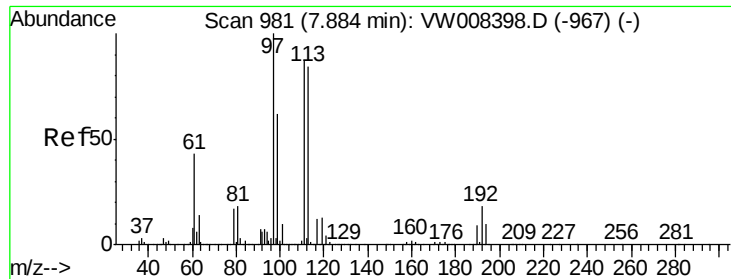
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008426.D
 Acq: 25 Jan 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.2	0.0	43.6	
88	15.3	0.0	31.8	





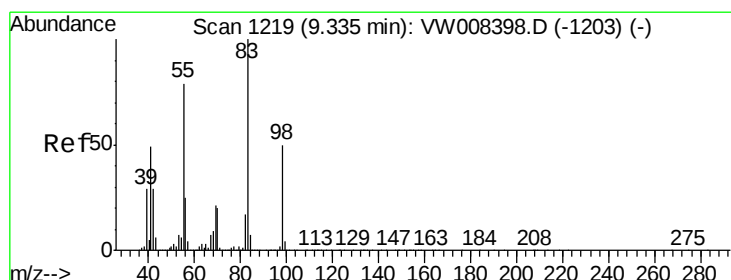
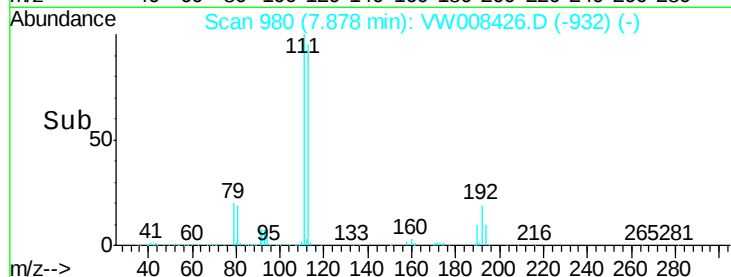
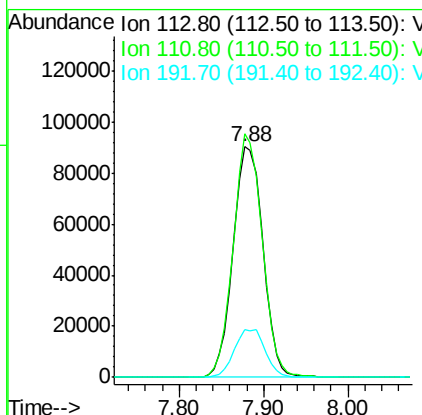
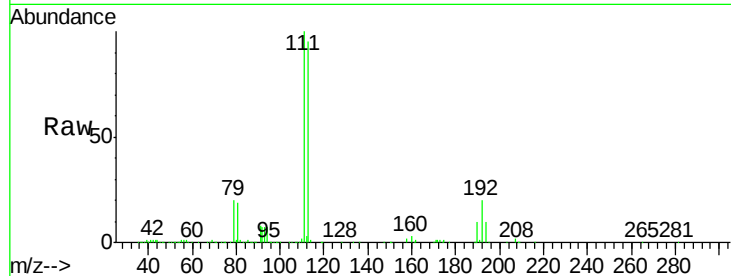
#35
Dibromofluoromethane
Concen: 53.897 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008426.D
Acq: 25 Jan 2019 21:52

Instrument :
MSVOA_W
ClientSampleId :
DRUM-6RE

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.4	81.0	121.4	
192	21.4	16.8	25.2	

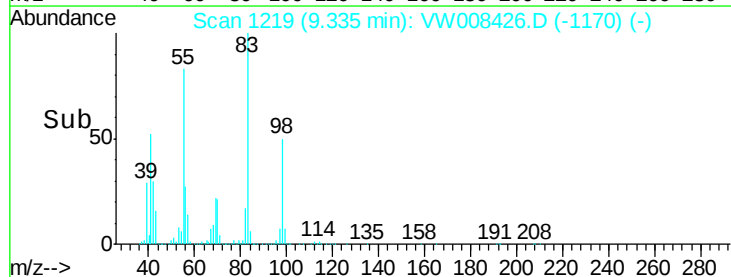
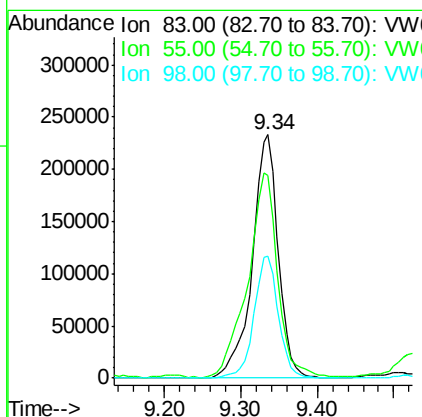
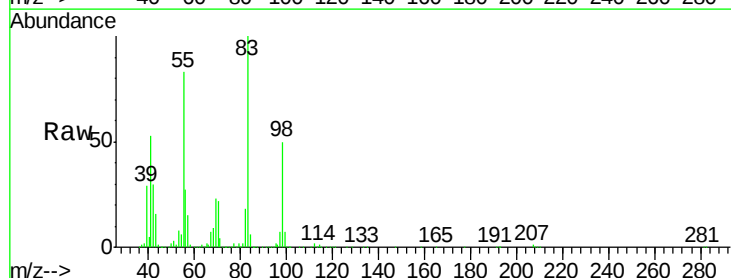
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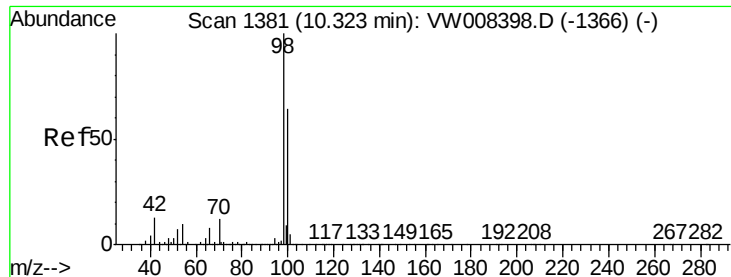
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#39
Methylcyclohexane
Concen: 64.844 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008426.D
Acq: 25 Jan 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
55	82.8	63.3	94.9	
98	49.9	39.7	59.5	





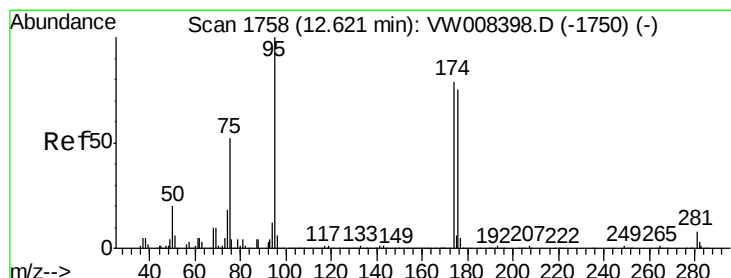
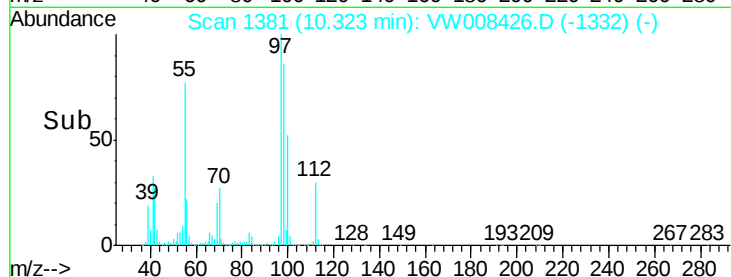
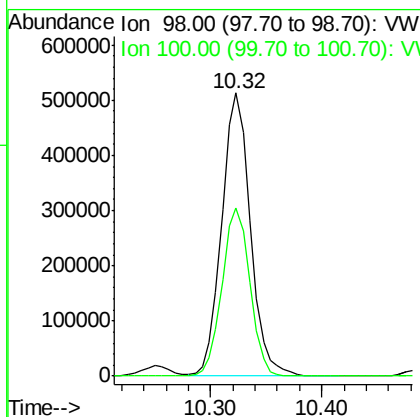
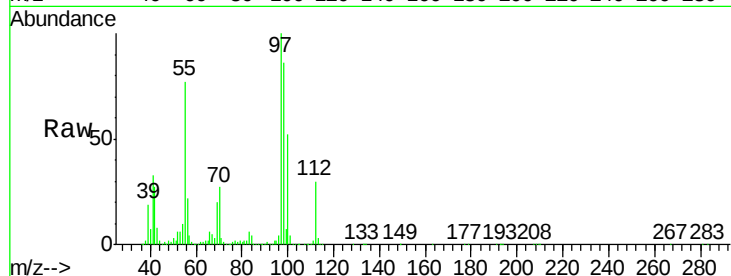
#50
Toluene-d8
Concen: 56.768 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008426.D
Acq: 25 Jan 2019 21:52

Instrument :
MSVOA_W
ClientSampleId :
DRUM-6RE

Tot Ion: 98 Resp: 915403
Ion Ratio Lower Upper
98 100
100 57.6 52.6 78.8

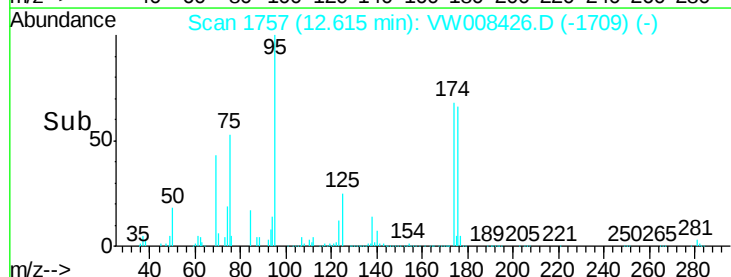
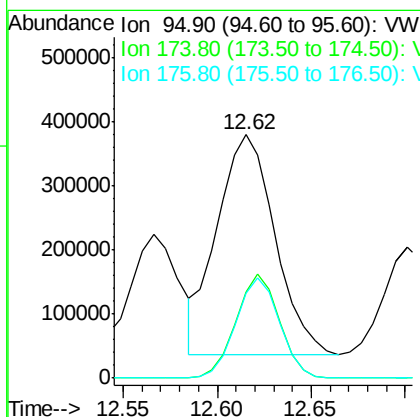
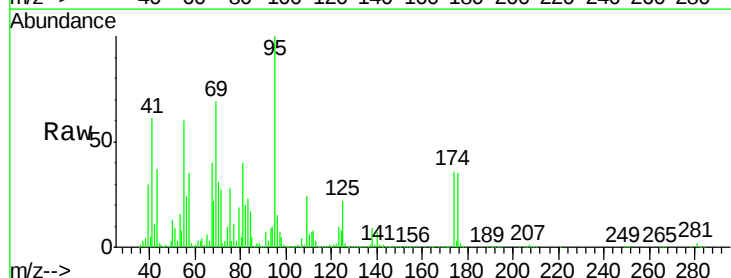
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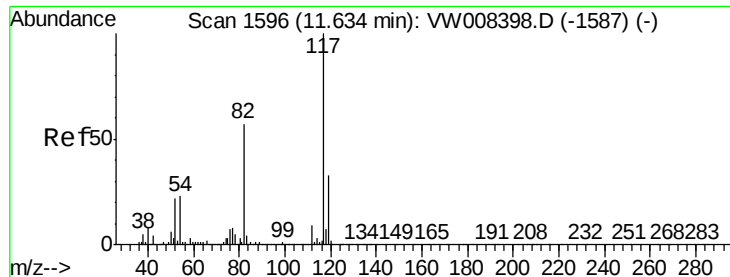
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#62
4-Bromofluorobenzene
Concen: 118.124 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW008426.D
Acq: 25 Jan 2019 21:52

Tgt Ion: 95 Resp: 732175
Ion Ratio Lower Upper
95 100
174 35.5 0.0 157.6
176 34.4 0.0 151.8





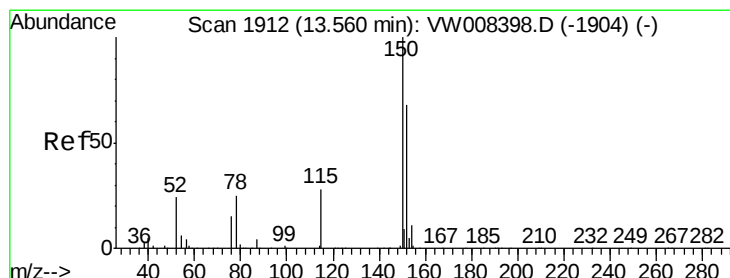
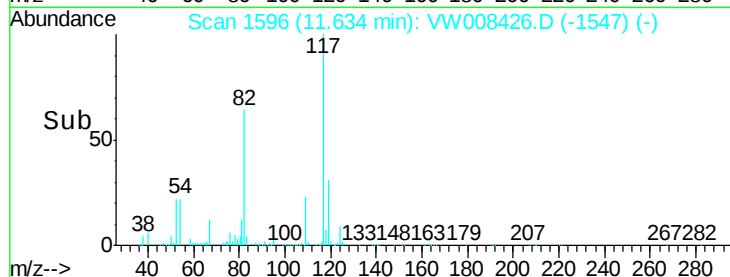
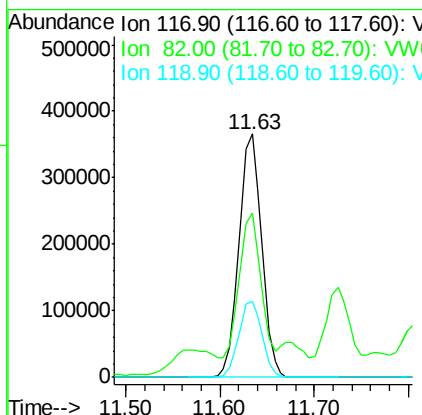
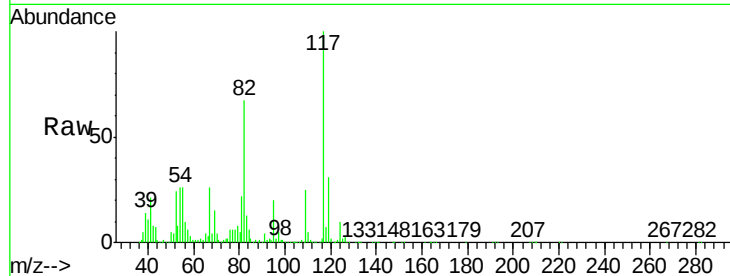
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008426.D
Acq: 25 Jan 2019 21:52

Instrument :
MSVOA_W
ClientSampled :
DRUM-6RE

Tot Ion	Ratio	Resp	Lower	Upper
117	100	611737		
82	56.2	45.4	68.0	
119	31.2	26.2	39.4	

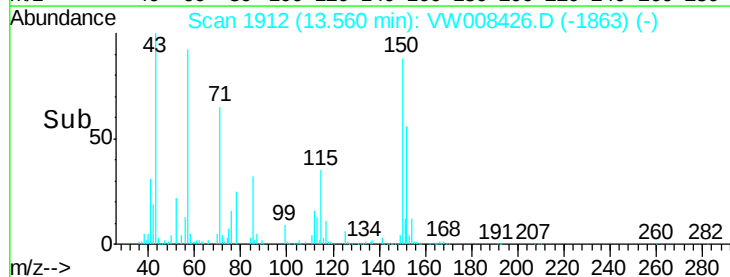
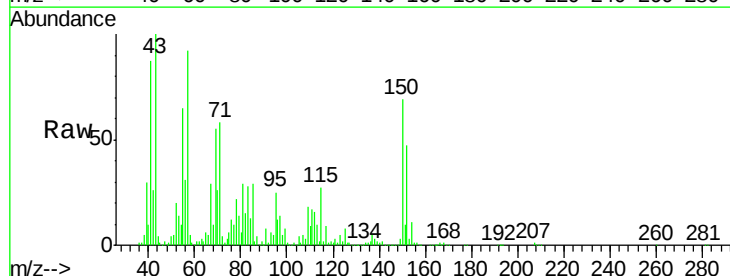
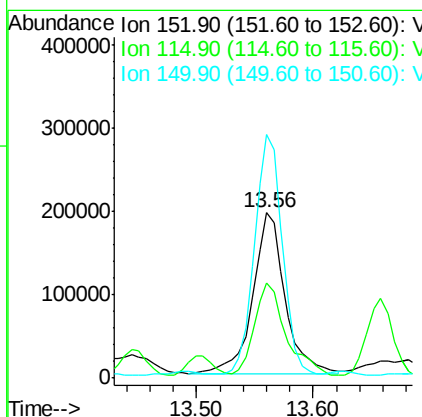
Manual Integrations
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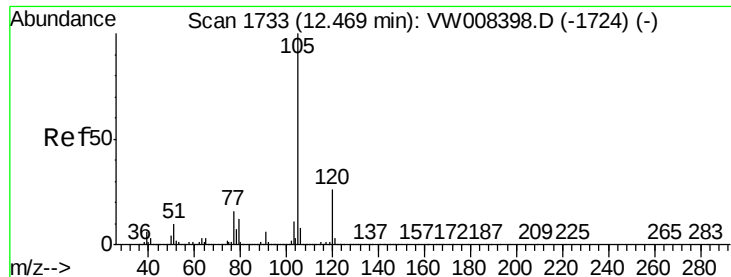
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008426.D
Acq: 25 Jan 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	373449		
115	56.2	29.9	89.7	
150	128.1	0.0	351.4	





#73

Isopropylbenzene

Concen: 1.327 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008426.D

Acq: 25 Jan 2019 21:52

Instrument :

MSVOA_W

ClientSampled :

DRUM-6RE

Tot Ion:105 Resp: 36941

Ion Ratio Lower Upper

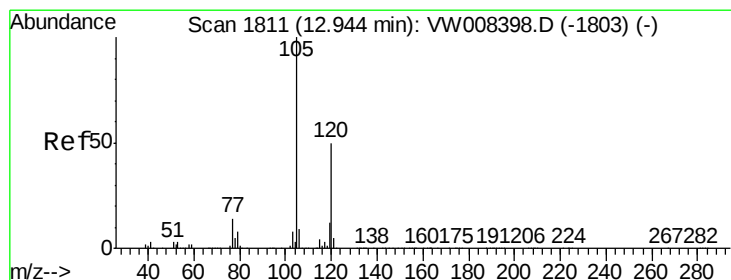
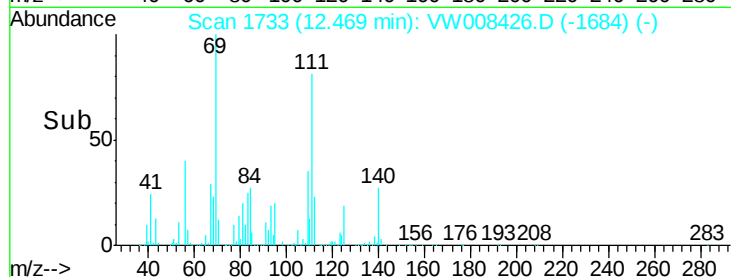
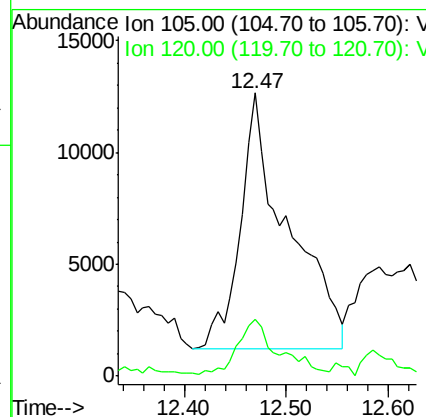
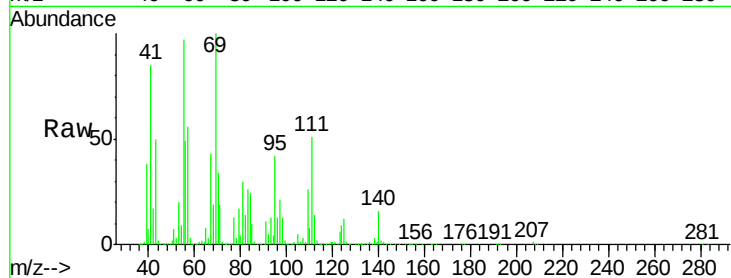
105 100

120 18.9 13.3 39.8

Manual Integrations
APPROVED

MMDadoda

1/28/2019 12:46:08 PM



#80

1,3,5-Trimethylbenzene

Concen: 19.854 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008426.D

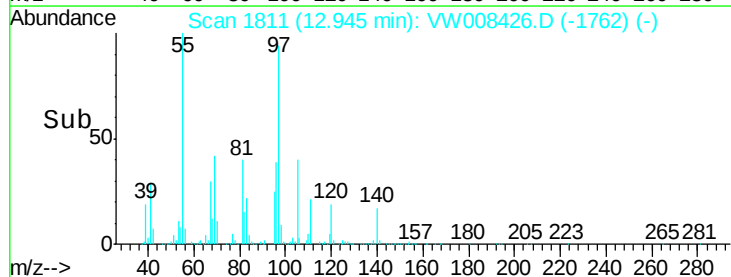
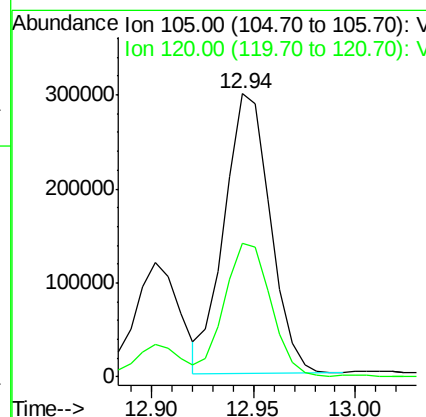
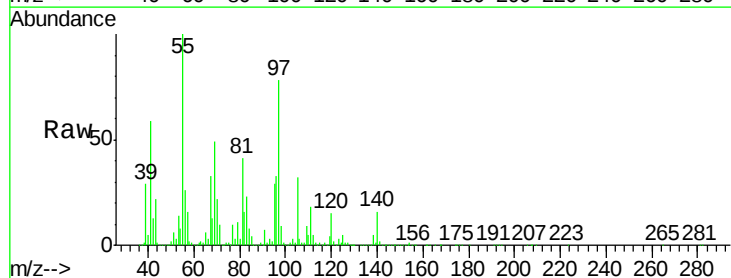
Acq: 25 Jan 2019 21:52

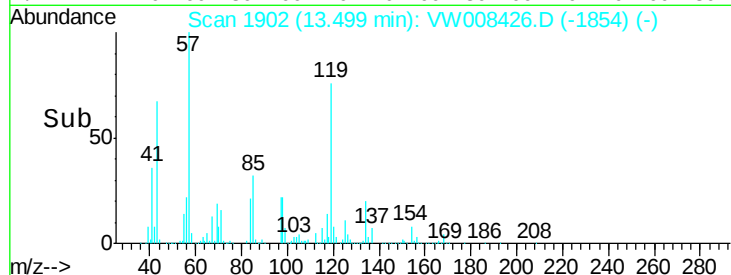
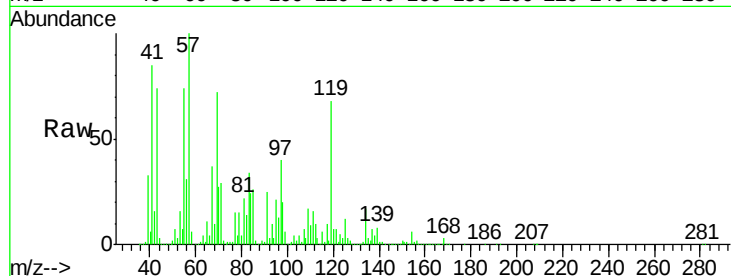
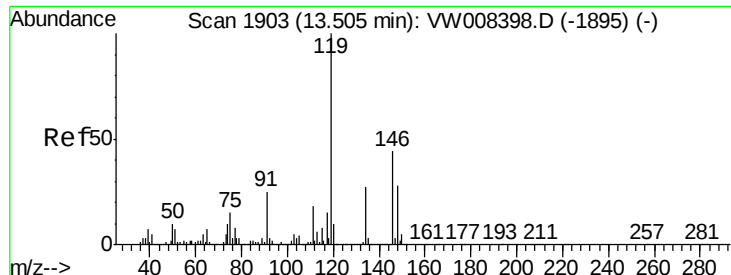
Tgt Ion:105 Resp: 462016

Ion Ratio Lower Upper

105 100

120 48.0 24.6 73.8





#86
 p-Isopropyltoluene
 Concen: 19.562 ug/l m
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008426.D
 Acq: 25 Jan 2019 21:52

Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-6RE

Tot Ion	Ratio	Resp Lower	Resp Upper
119	100		
134	36.9	13.4	40.2
91	43.2	12.6	37.6

Manual Integrations
 APPROVED

MMDadoda
 1/28/2019 12:46:08 PM

