

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
 Data File : VD046820.D
 Acq On : 21 Sep 2015 21:08
 Operator : FY/SY
 Sample : G3727-03
 Misc : 6.18qm/5mL/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MMB6B

Manual Integrations
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MMDadoda
 9/22/2015 12:41:31 PM

Quant Time: Sep 22 03:38:11 2015
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:47:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.29	168	286815	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.42	114	379025	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.56	117	312340	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.90	152	145242	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.70	65	107916	36.19	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	72.38%	
35) Dibromofluoromethane	6.20	113	125617	42.36	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	84.72%	
50) Toluene-d8	9.61	98	388334	41.51	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	83.02%	
62) 4-Bromofluorobenzene	12.84	95	144640	38.40	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	76.80%	
Target Compounds						
17) Acetone	2.93	43	10664	21.16	ug/l	97
21) Methylene Chloride	3.49	84	13456	4.92	ug/l	92
31) Cyclohexane	6.25	56	59265	13.24	ug/l	94
39) Methylcyclohexane	8.07	83	72600	16.18	ug/l	99
68) m/p-Xylenes	11.86	106	115642	27.76	ug/l	86
69) o-Xylene	12.28	106	28507	7.60	ug/l	87
73) Isopropylbenzene	12.66	105	40136	3.92	ug/l	91
78) n-propylbenzene	13.07	91	46936	3.25	ug/l	97
80) 1,3,5-Trimethylbenzene	13.24	105	94129	11.54	ug/l	97
84) 1,2,4-Trimethylbenzene	13.58	105	290913	35.42	ug/l	99
86) p-Isopropyltoluene	13.86	119	12977	1.53	ug/l	91
95) Naphthalene	15.82	128	17365	7.76	ug/l #	95

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

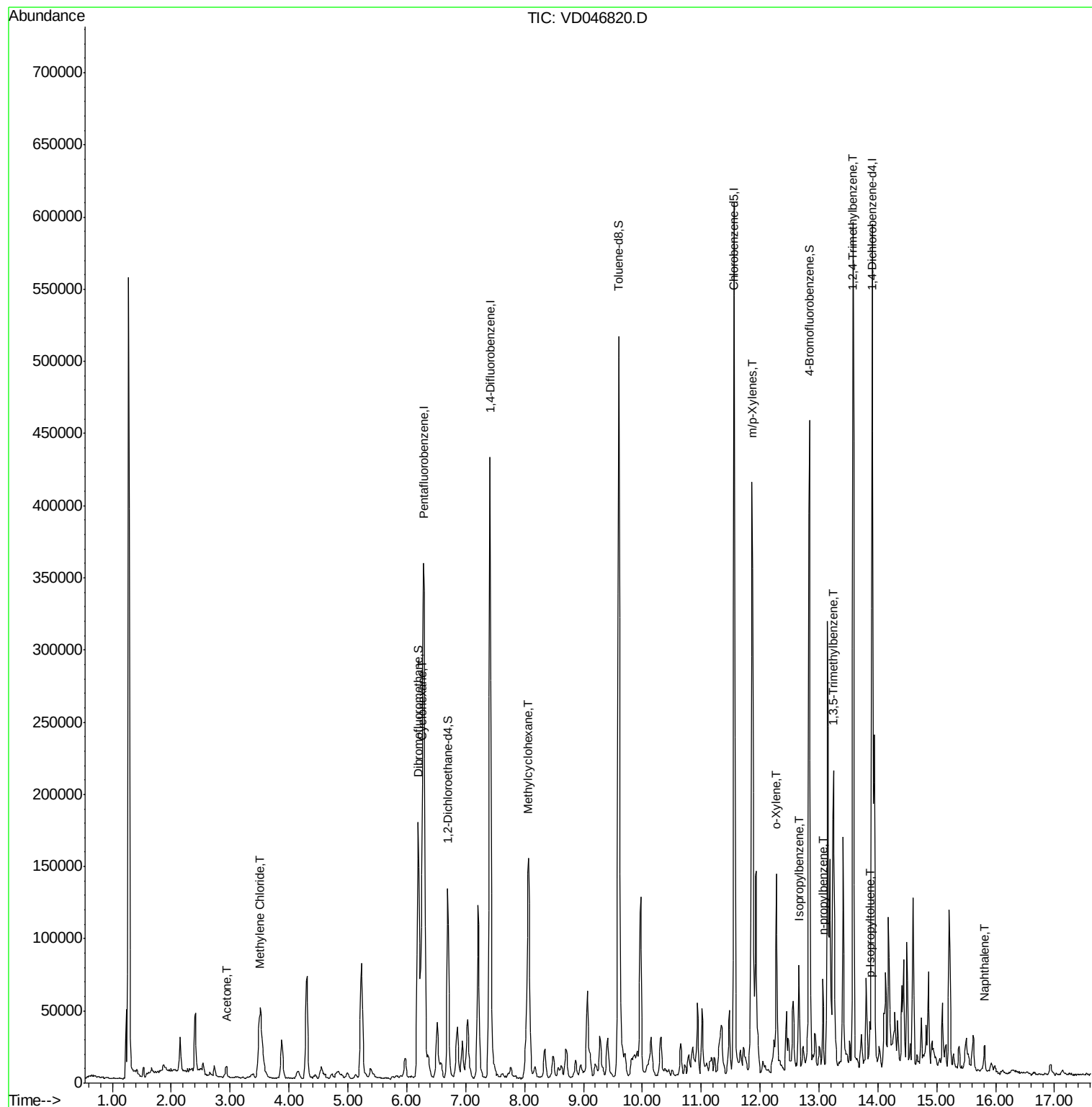
Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
Data File : VD046820.D
Acq On : 21 Sep 2015 21:08
Operator : FY/SY
Sample : G3727-03
Misc : 6.18qm/5mL/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

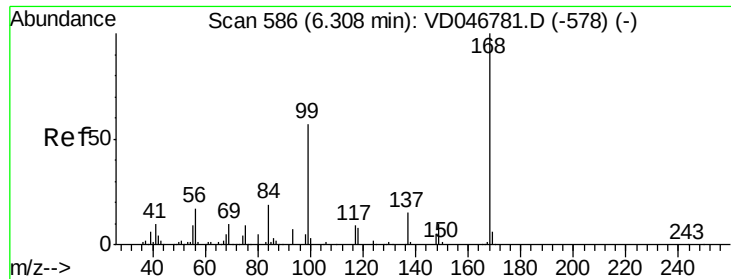
Instrument :
MSVOA_D
ClientSampleId :
MMB6B

Manual Integrations
APPROVED

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Quant Time: Sep 22 03:38:11 2015
Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 18 15:47:18 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.29 min Scan# 585

Delta R.T. -0.01 min

Lab File: VD046820.D

Acq: 21 Sep 2015 21:08

Instrument :

MSVOA_D

ClientSampleId :

MMB6B

Tot Ion:168 Resp: 286815

Ion Ratio Lower Upper

168 100

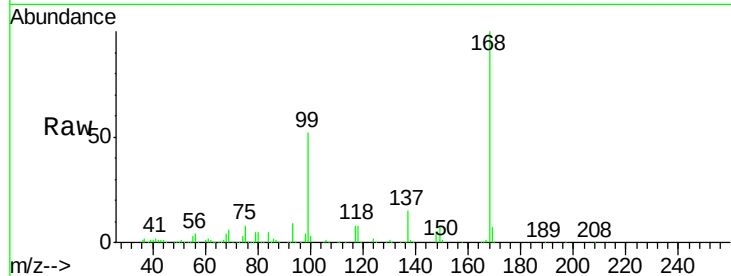
99 52.0 42.4 63.6

Manual Integrations

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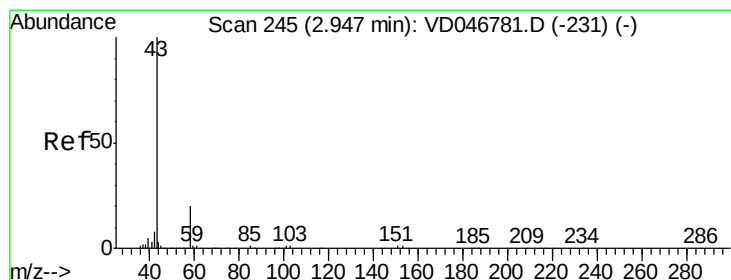
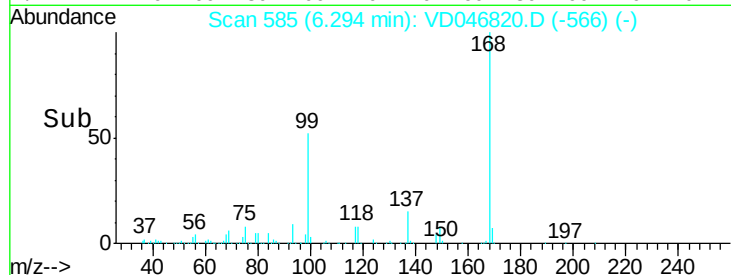
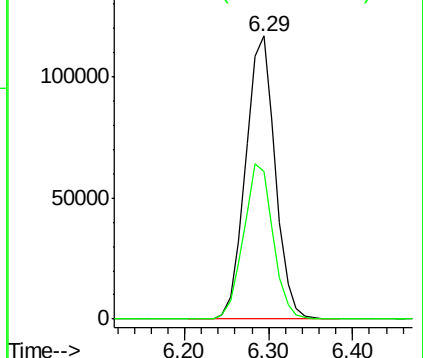
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#17

Acetone

Concen: 21.16 ug/l

RT: 2.93 min Scan# 244

Delta R.T. -0.01 min

Lab File: VD046820.D

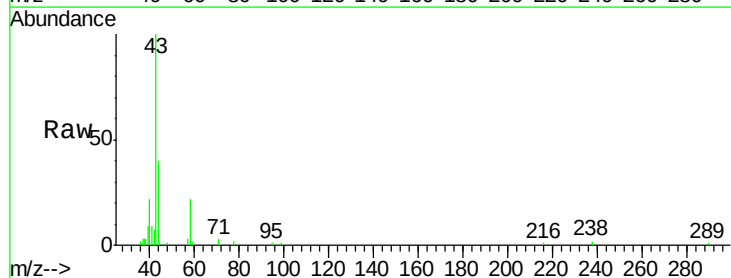
Acq: 21 Sep 2015 21:08

Tgt Ion: 43 Resp: 10664

Ion Ratio Lower Upper

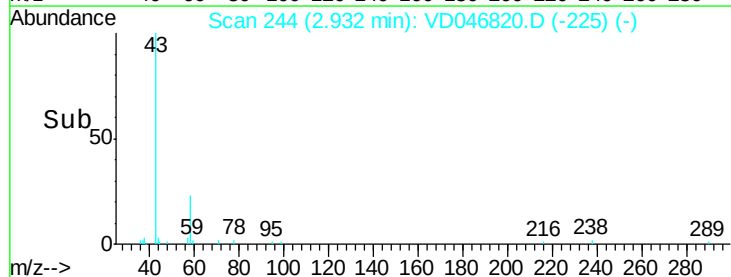
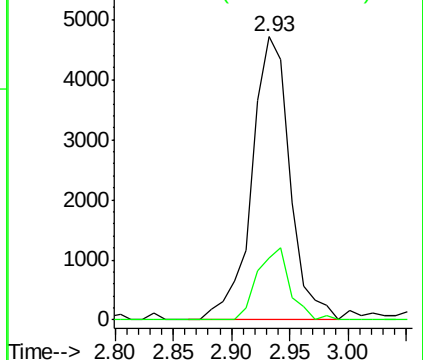
43 100

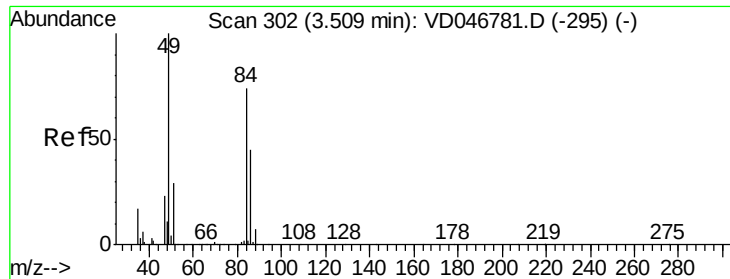
58 22.1 16.6 24.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





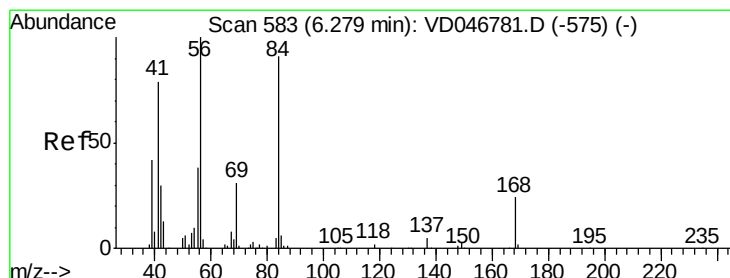
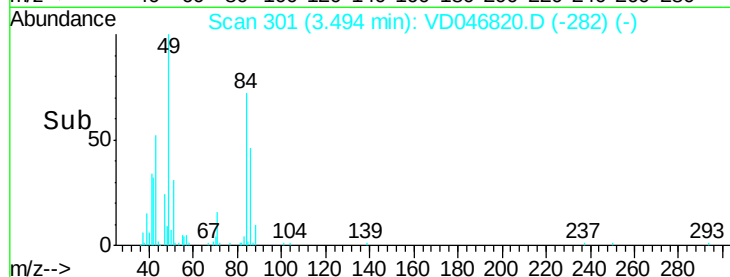
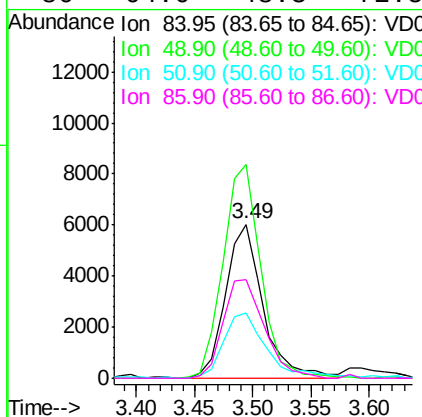
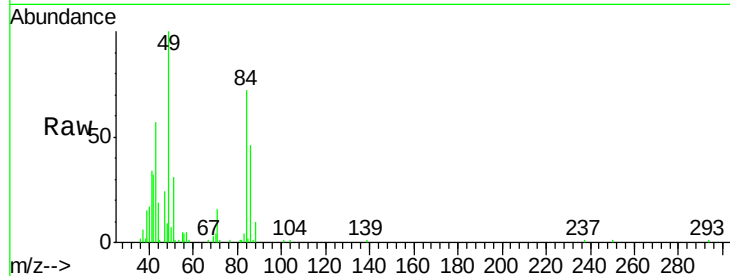
#21
Methylene Chloride
Concen: 4.92 ug/l
RT: 3.49 min Scan# 301
Delta R.T. -0.01 min
Lab File: VD046820.D
Acq: 21 Sep 2015 21:08

Instrument :
MSVOA_D
ClientSampleId :
MMB6B

Tot Ion:	84	Resp:	13456
Ion	Ratio	Lower	Upper
84	100		
49	138.5	122.1	183.1
51	42.6	33.6	50.4
86	64.0	48.3	72.5

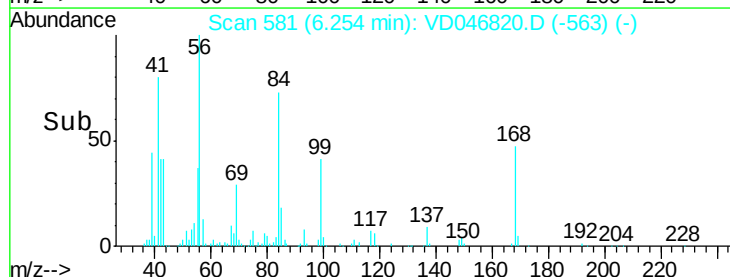
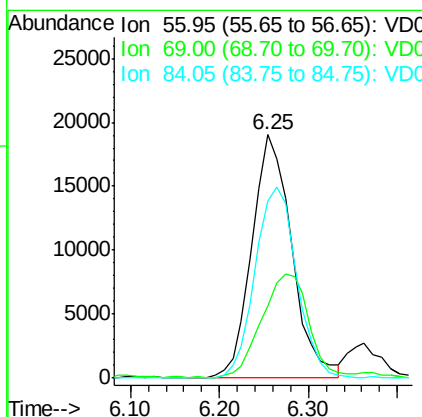
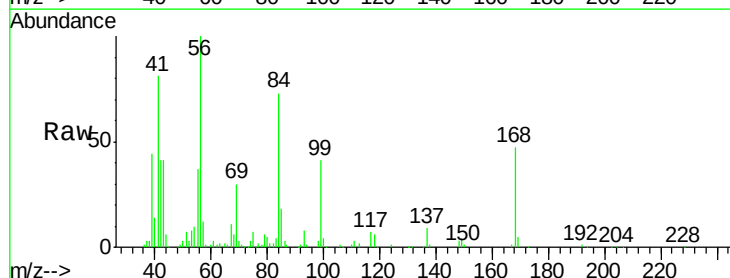
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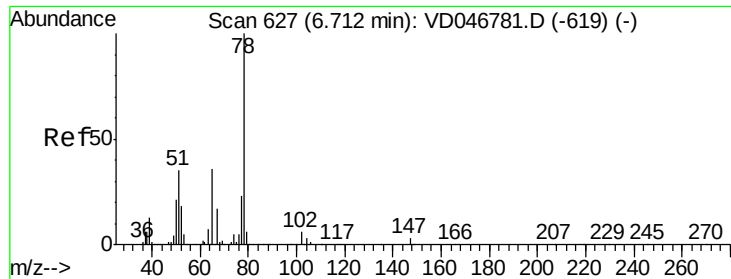
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#31
Cyclohexane
Concen: 13.24 ug/l
RT: 6.25 min Scan# 581
Delta R.T. -0.02 min
Lab File: VD046820.D
Acq: 21 Sep 2015 21:08

Tgt Ion:	56	Resp:	59265
Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.4	35.0
84	72.9	63.8	95.8





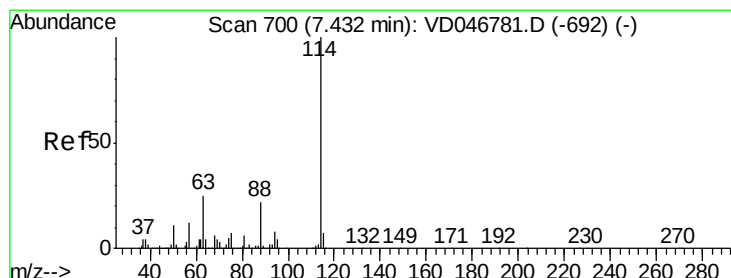
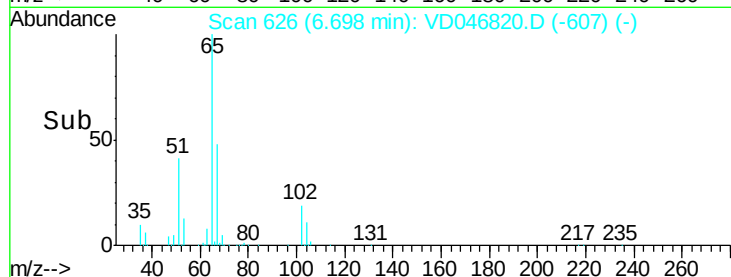
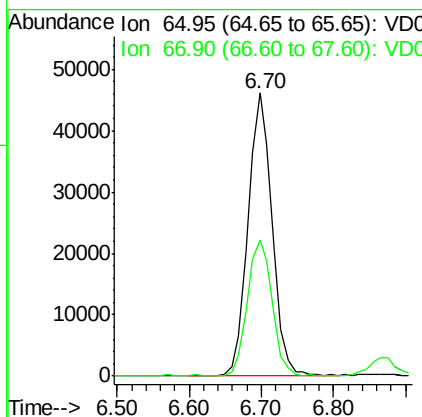
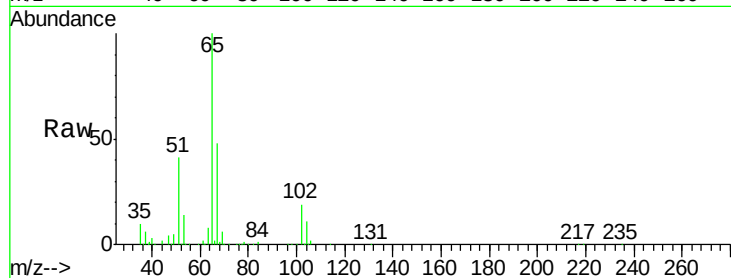
#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.70 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: VD046820.D
 Acq: 21 Sep 2015 21:08

Instrument :
 MSVOA_D
 ClientSampleId :
 MMB6B

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	48.0	0.0	105.4	

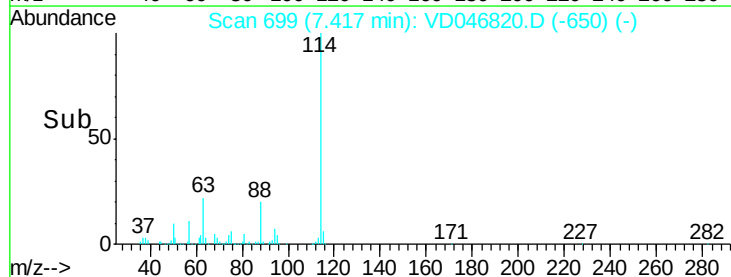
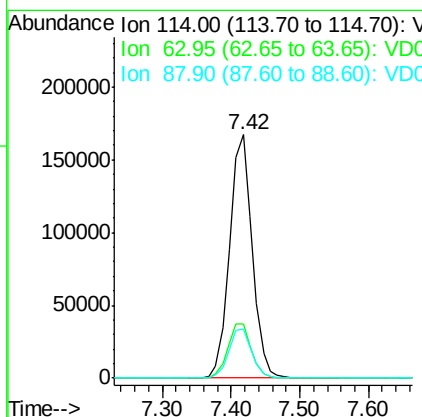
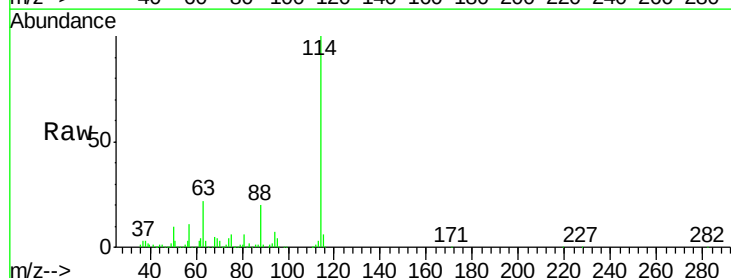
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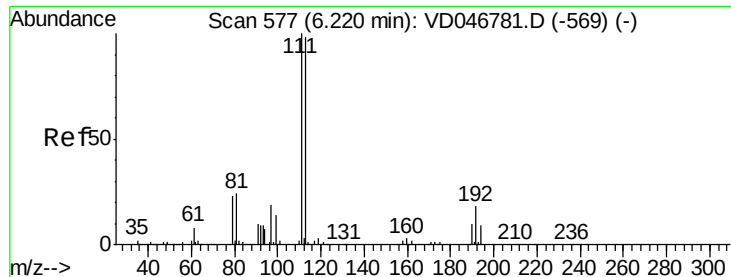
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.42 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: VD046820.D
 Acq: 21 Sep 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.2	0.0	49.8	
88	20.4	0.0	43.6	





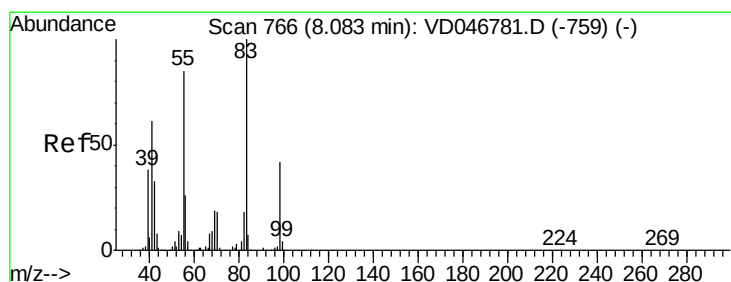
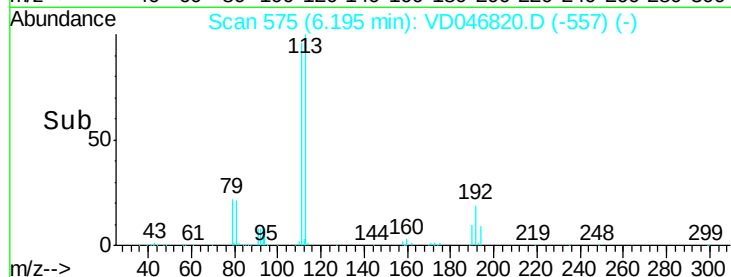
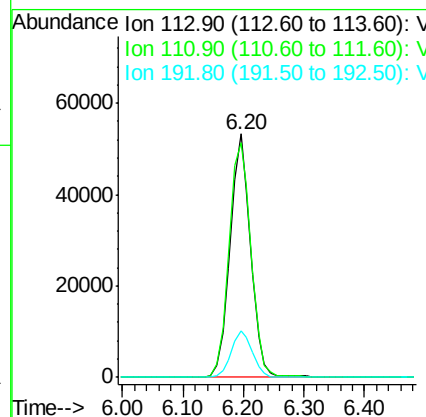
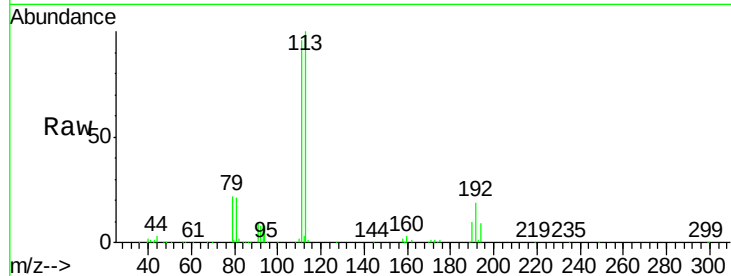
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.20 min Scan# 575
Delta R.T. -0.02 min
Lab File: VD046820.D
Acq: 21 Sep 2015 21:08

Instrument :
MSVOA_D
ClientSampleId :
MMB6B

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	96.2	79.4	119.0	
192	18.9	14.6	22.0	

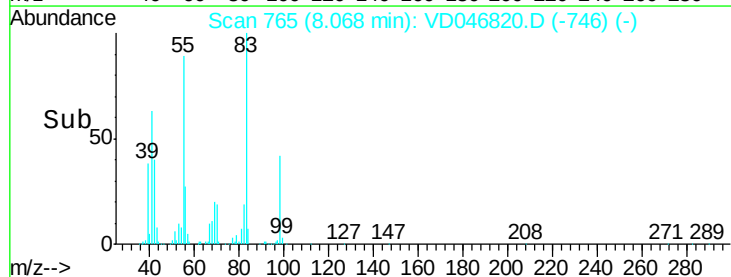
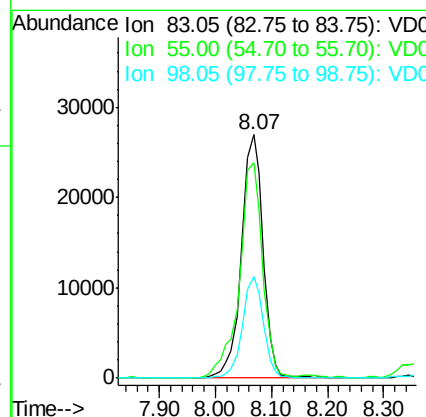
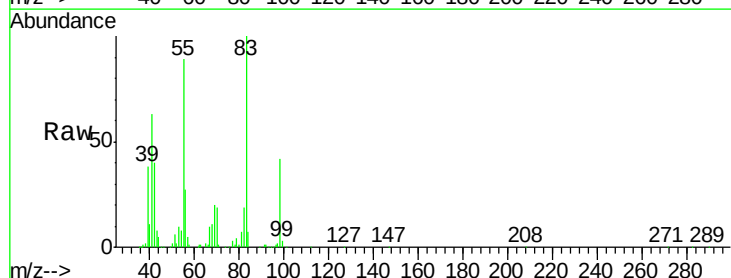
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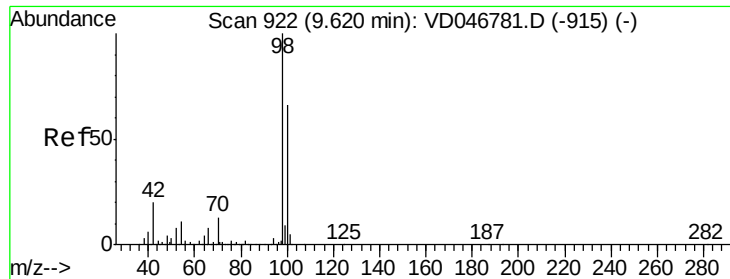
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#39
Methylcyclohexane
Concen: 16.18 ug/l
RT: 8.07 min Scan# 765
Delta R.T. -0.01 min
Lab File: VD046820.D
Acq: 21 Sep 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
55	88.6	71.1	106.7	
98	41.6	34.6	51.8	





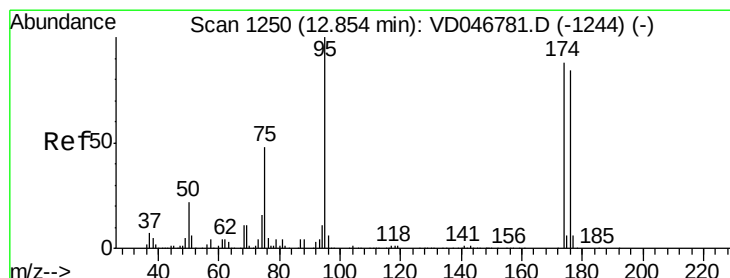
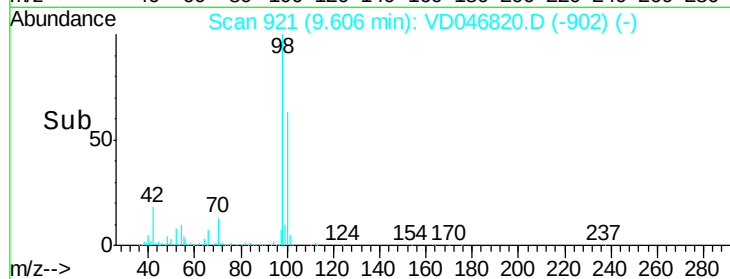
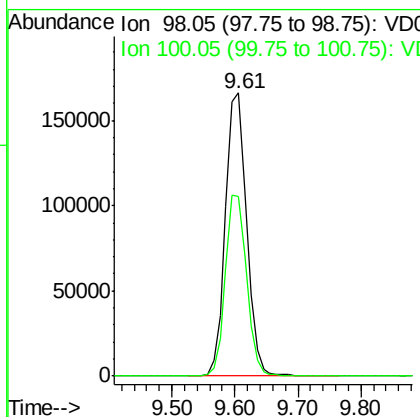
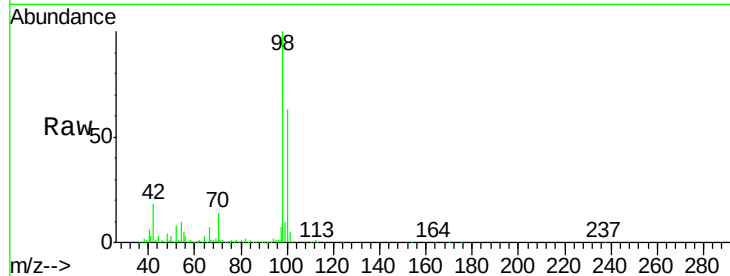
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.61 min Scan# 921
Delta R.T. -0.01 min
Lab File: VD046820.D
Acq: 21 Sep 2015 21:08

Instrument :
MSVOA_D
ClientSampleId :
MMB6B

Tot Ion: 98 Resp: 388334
Ion Ratio Lower Upper
98 100
100 63.5 49.9 74.9

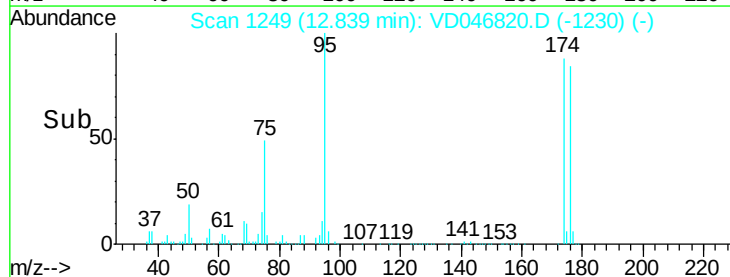
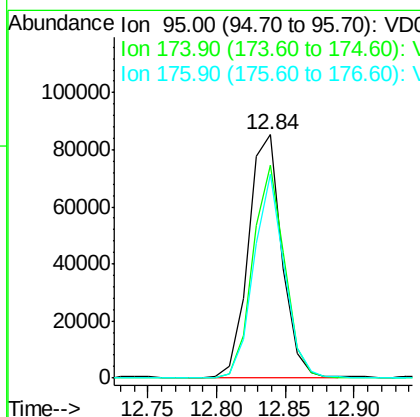
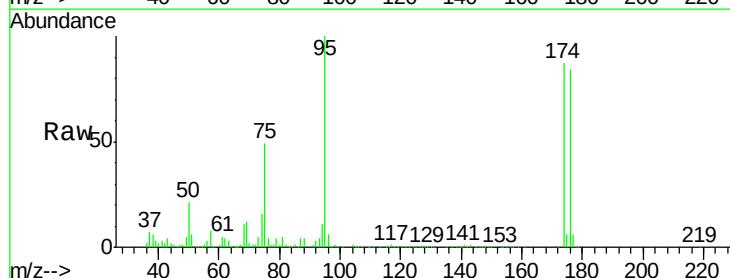
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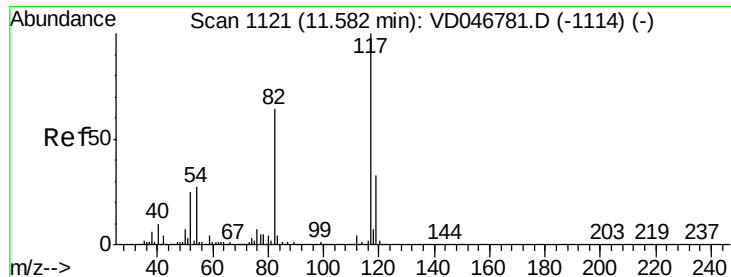
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#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.84 min Scan# 1249
Delta R.T. -0.01 min
Lab File: VD046820.D
Acq: 21 Sep 2015 21:08

Tgt Ion: 95 Resp: 144640
Ion Ratio Lower Upper
95 100
174 87.2 0.0 149.8
176 83.7 0.0 143.4





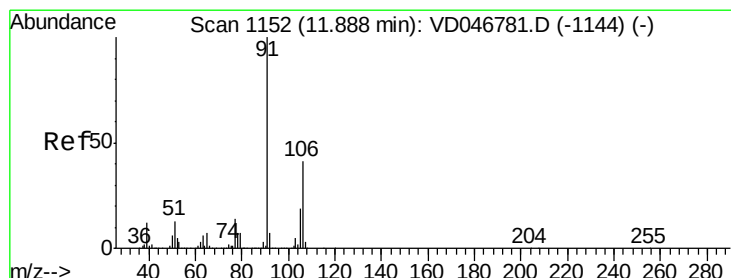
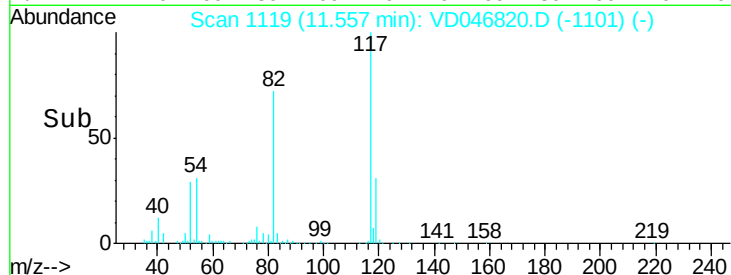
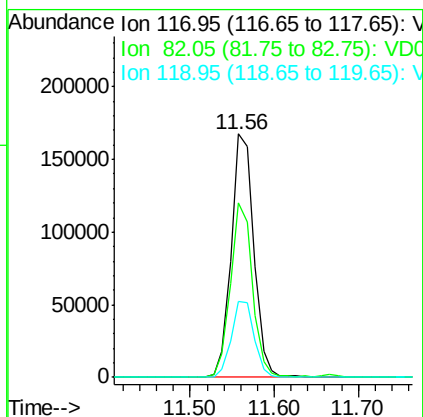
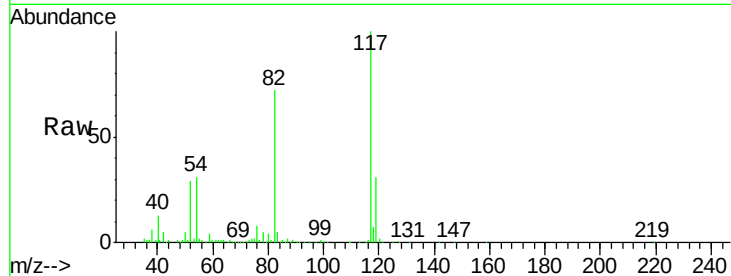
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.56 min Scan# 1119
Delta R.T. -0.02 min
Lab File: VD046820.D
Acq: 21 Sep 2015 21:08

Instrument :
MSVOA_D
ClientSampleId :
MMB6B

Tot Ion	Ratio	Resp	Lower	Upper
117	100	312340		
82	71.9	50.6	75.8	
119	31.3	25.8	38.8	

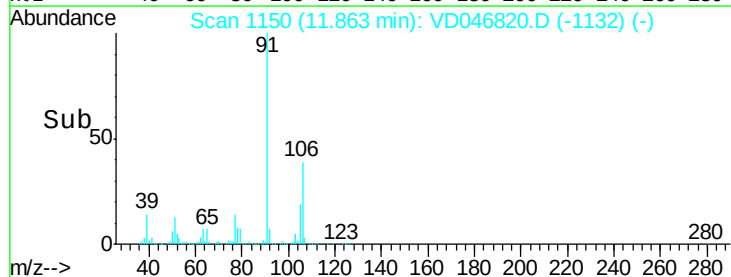
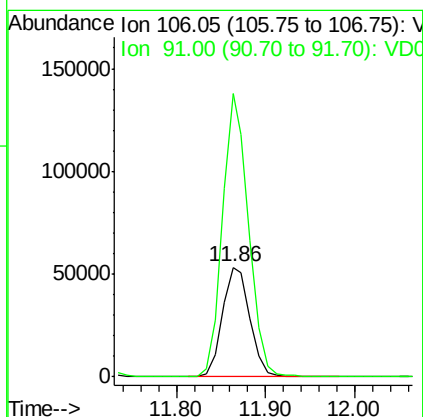
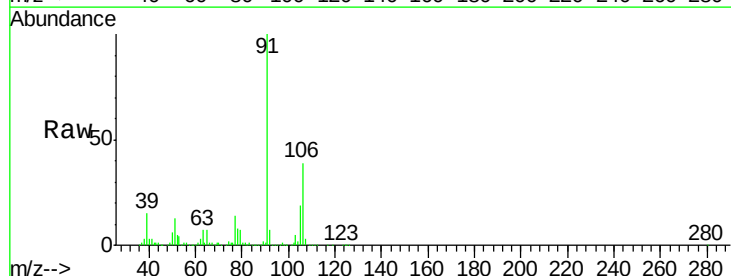
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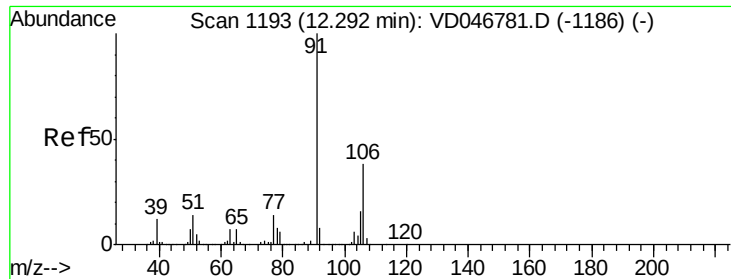
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#68
m/p-Xylenes
Concen: 27.76 ug/l
RT: 11.86 min Scan# 1150
Delta R.T. -0.02 min
Lab File: VD046820.D
Acq: 21 Sep 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	115642		
91	258.1	187.9	281.9	





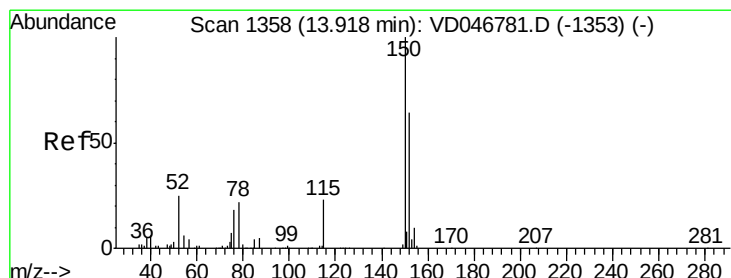
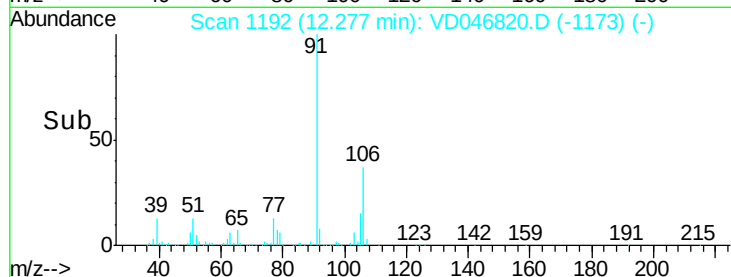
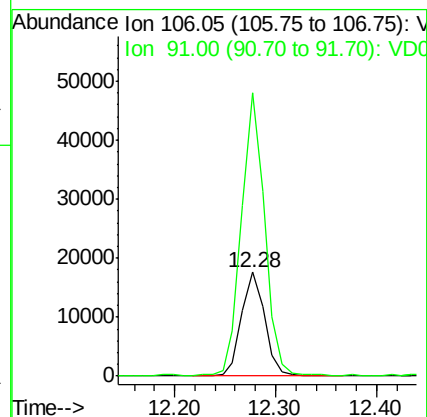
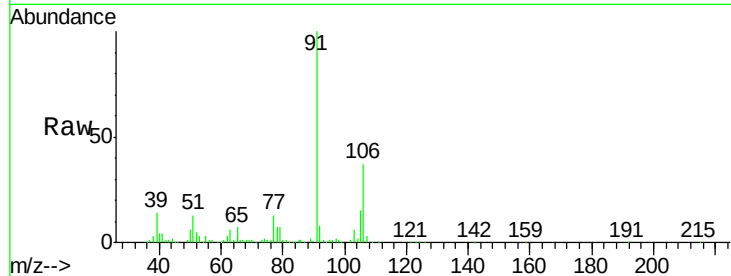
#69
o-Xylene
Concen: 7.60 ug/l
RT: 12.28 min Scan# 1192
Delta R.T. -0.01 min
Lab File: VD046820.D
Acq: 21 Sep 2015 21:08

Instrument :
MSVOA_D
ClientSampleId :
MMB6B

Tot Ion:106 Resp: 28507
Ion Ratio Lower Upper
106 100
91 272.7 124.8 374.5

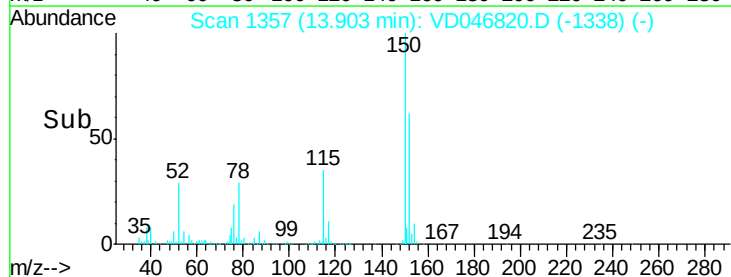
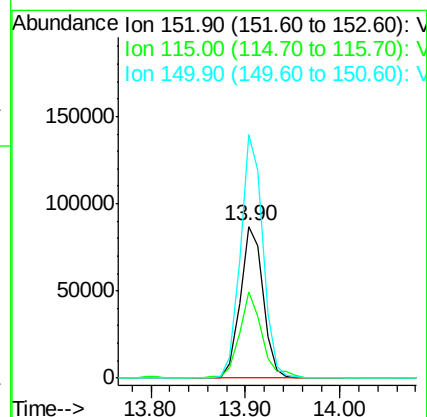
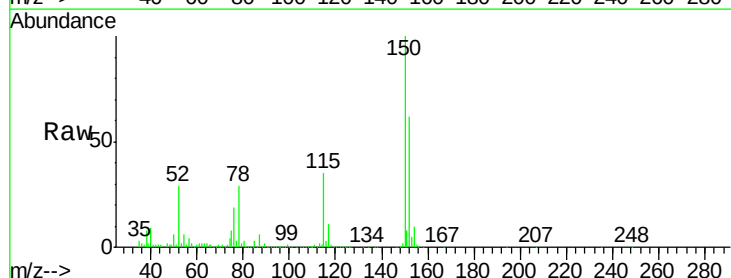
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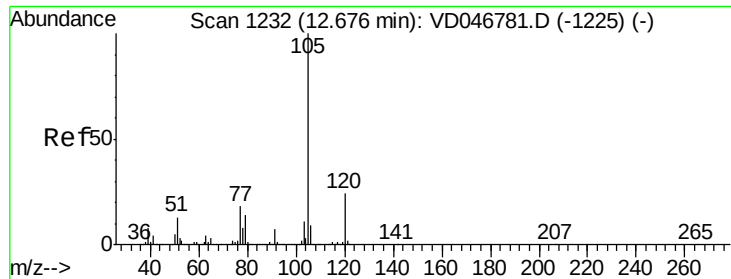
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.90 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VD046820.D
Acq: 21 Sep 2015 21:08

Tgt Ion:152 Resp: 145242
Ion Ratio Lower Upper
152 100
115 56.7 26.2 78.6
150 160.5 0.0 311.8





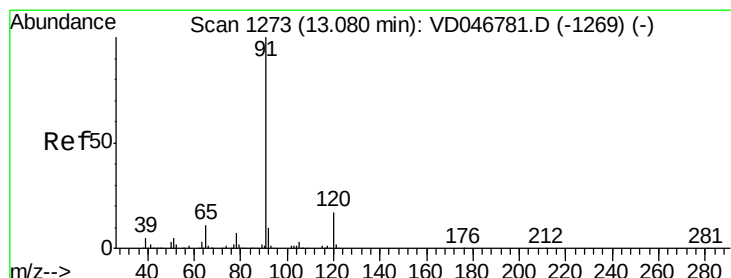
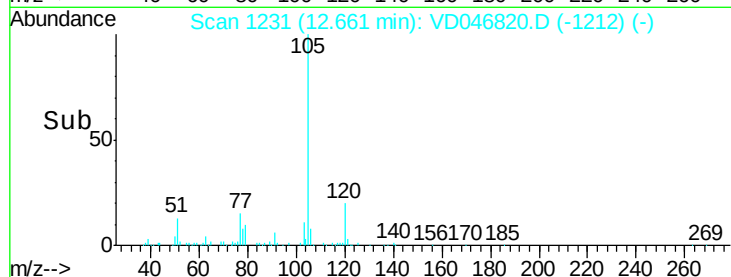
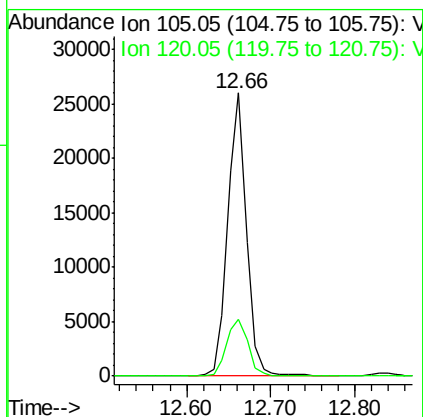
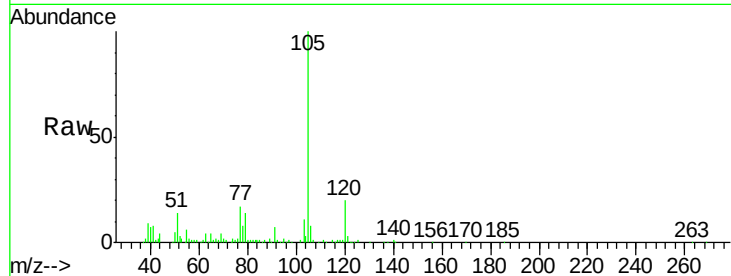
#73
Isopropylbenzene
Concen: 3.92 ug/l
RT: 12.66 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD046820.D
Acq: 21 Sep 2015 21:08

Instrument :
MSVOA_D
ClientSampleId :
MMB6B

Tot Ion	Ratio	Lower	Upper
105	100		
120	20.3	12.4	37.4

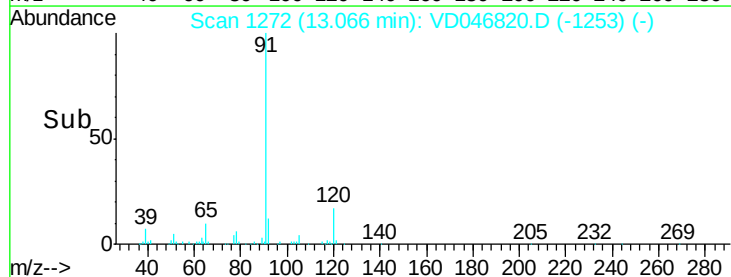
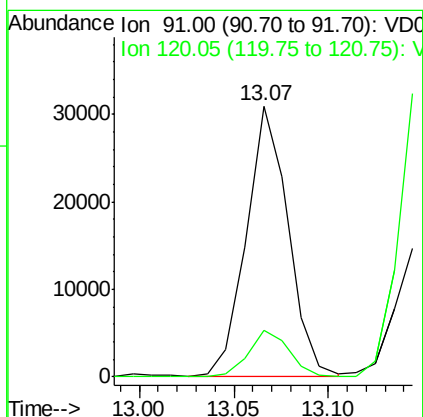
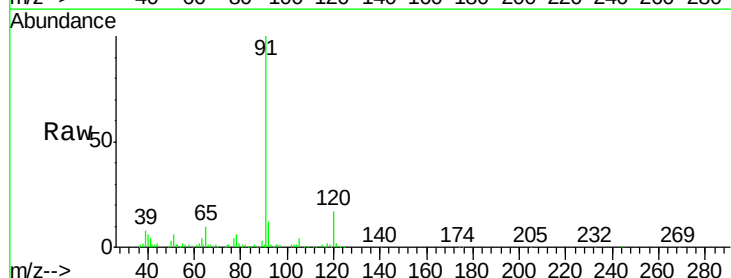
Manual Integrations
APPROVED

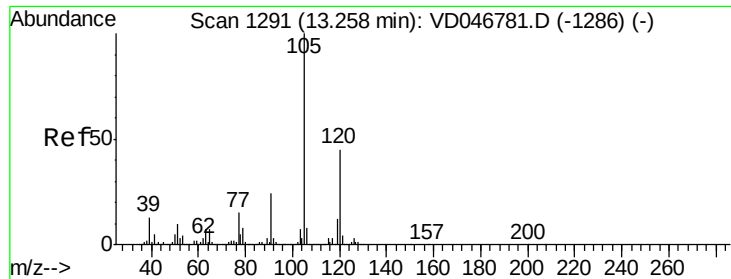
MMDadoda
9/22/2015 12:41:31 PM



#78
n-propylbenzene
Concen: 3.25 ug/l
RT: 13.07 min Scan# 1272
Delta R.T. -0.01 min
Lab File: VD046820.D
Acq: 21 Sep 2015 21:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	17.2	9.3	27.7





#80

1,3,5-Trimethylbenzene

Concen: 11.54 ug/l

RT: 13.24 min Scan# 1290

Delta R.T. -0.01 min

Lab File: VD046820.D

Acq: 21 Sep 2015 21:08

Instrument :

MSVOA_D

ClientSampleId :

MMB6B

Tot Ion:105 Resp: 94129

Ion Ratio Lower Upper

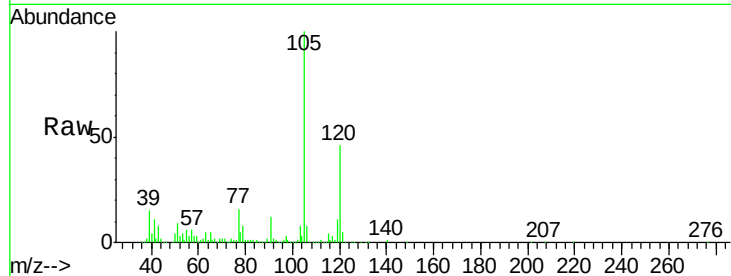
105 100

120 46.3 22.3 66.8

Manual Integrations
APPROVED

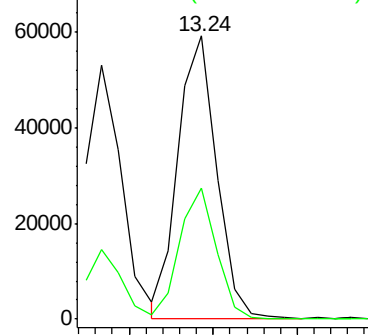
MMDadoda

9/22/2015 12:41:31 PM

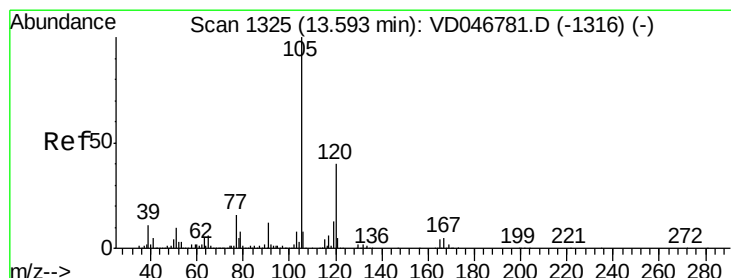
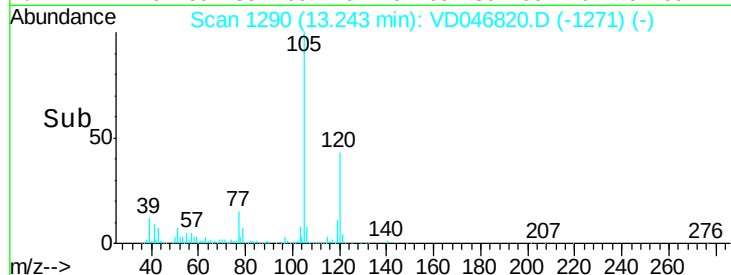


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 35.42 ug/l

RT: 13.58 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VD046820.D

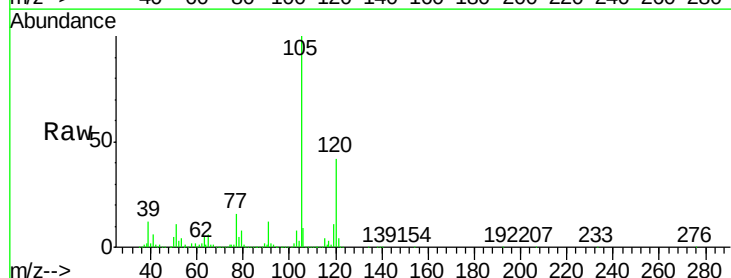
Acq: 21 Sep 2015 21:08

Tgt Ion:105 Resp: 290913

Ion Ratio Lower Upper

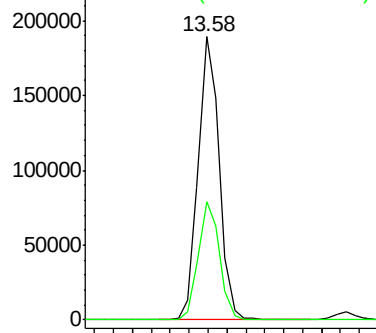
105 100

120 41.7 21.1 63.1

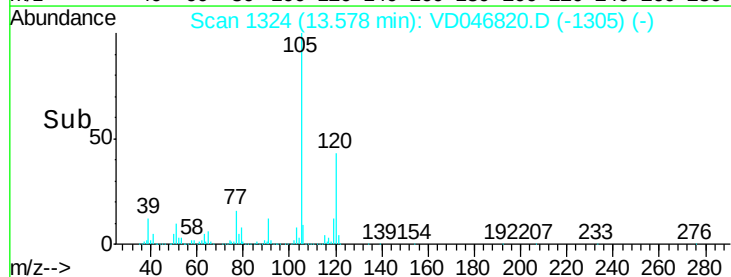


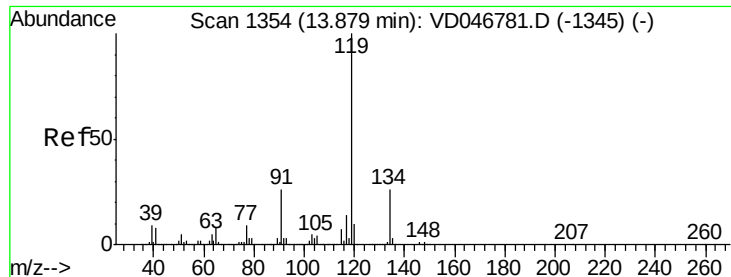
Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



Time-->





#86

p-Isopropyltoluene

Concen: 1.53 ug/l

RT: 13.86 min Scan# 1353

Delta R.T. -0.01 min

Lab File: VD046820.D

Acq: 21 Sep 2015 21:08

Instrument :

MSVOA_D

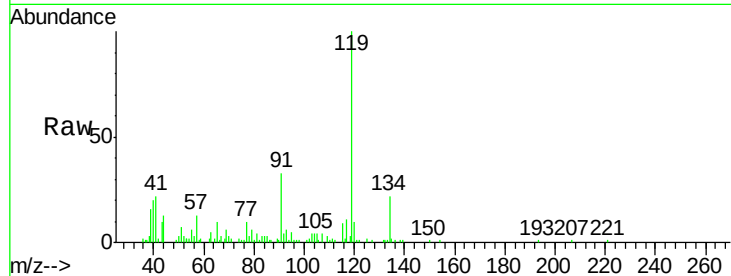
ClientSampled :

MMB6B

Tot Ion:	119	Resp:	12977
Ion Ratio	Lower	Upper	
119	100		
134	21.9	13.0	38.9
91	33.0	13.8	41.3

Manual Integrations
APPROVED

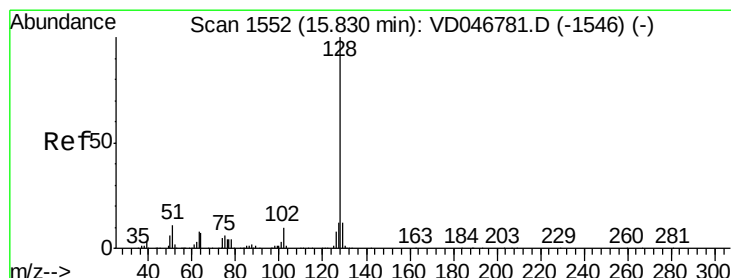
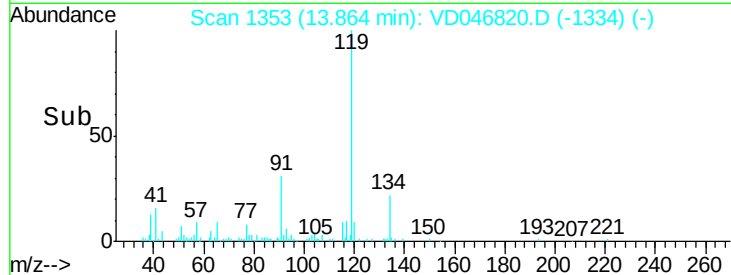
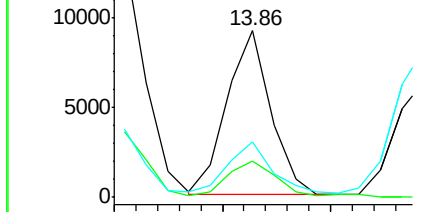
MMDadoda
9/22/2015 12:41:31 PM



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V



#95

Naphthalene

Concen: 7.76 ug/l

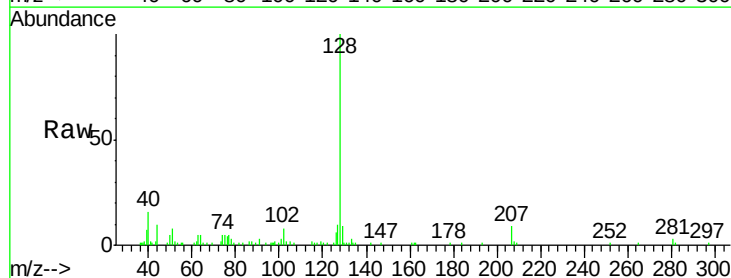
RT: 15.82 min Scan# 1551

Delta R.T. -0.01 min

Lab File: VD046820.D

Acq: 21 Sep 2015 21:08

Tgt Ion:	128	Resp:	17365
Ion Ratio	Lower	Upper	
128	100		
127	10.3	9.8	14.6
129	8.5	8.6	12.8#



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

