

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
 Data File : VD059411.D
 Acq On : 25 Jun 2018 20:58
 Operator : VA/AP
 Sample : J3663-02RE
 Misc : 5.60µl/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB472-13-15-180618RE

Manual Integrations
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Quant Time: Jun 28 16:46:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	724265	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.67	114	960274	50.00	ug/l	-0.03
63) Chlorobenzene-d5	10.68	117	743677	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	377927	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.00	65	323199	43.64	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	87.28%	
35) Dibromofluoromethane	5.53	113	332281	42.48	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	84.96%	
50) Toluene-d8	8.69	98	737439	40.33	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	80.66%	
62) 4-Bromofluorobenzene	11.92	95	306985	40.36	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	80.72%	

Target Compounds

						Qvalue
16) Acetone	2.60	43	654206	699.85	ug/l	95
20) Methylene Chloride	3.06	84	21817	6.23	ug/l #	72
25) 2-Butanone	4.81	43	463088	236.49	ug/l	95
27) cis-1,2-Dichloroethene	4.78	96	295393	41.66	ug/l	85
39) Methylcyclohexane	7.27	83	17480	2.12	ug/l #	84
40) Benzene	6.00	78	48365	2.31	ug/l	98
44) Trichloroethene	6.97	130	17470	2.55	ug/l	81
51) 4-Methyl-2-Pentanone	8.58	43	463125	104.32	ug/l	97
52) Toluene	8.79	92	102660	8.22	ug/l	91
55) 1,1,2-Trichloroethane	9.45	97	8360	1.84	ug/l	88
59) 2-Hexanone	9.77	43	32773m	10.39	ug/l	
65) Chlorobenzene	10.72	112	2095908	154.13	ug/l	96
67) Ethyl Benzene	10.85	91	100012	4.36	ug/l	98
68) m/p-Xylenes	10.99	106	142300	18.69	ug/l	93
69) o-Xylene	11.40	106	17674	2.35	ug/l	89
73) Isopropylbenzene	11.76	105	46808	2.19	ug/l	87
78) n-propylbenzene	12.14	91	99085	3.67	ug/l	94
80) 1,3,5-Trimethylbenzene	12.31	105	248039	14.61	ug/l	99
83) tert-Butylbenzene	12.57	119	18484	1.02	ug/l	96
84) 1,2,4-Trimethylbenzene	12.62	105	651583	36.26	ug/l	95
85) sec-Butylbenzene	12.75	105	63405	2.86	ug/l	91
86) p-Isopropyltoluene	12.88	119	40525	2.27	ug/l	96
87) 1,3-Dichlorobenzene	12.83	146	795611	72.05	ug/l	96
88) 1,4-Dichlorobenzene	12.92	146	1543931	141.68	ug/l	98
91) 1,2-Dichlorobenzene	13.20	146	6166291	658.58	ug/l	94
93) 1,2,4-Trichlorobenzene	14.33	180	42151	4.87	ug/l	96
95) Naphthalene	14.51	128	351632	29.15	ug/l	98
96) 1,2,3-Trichlorobenzene	14.65	180	8874	1.14	ug/l	88

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

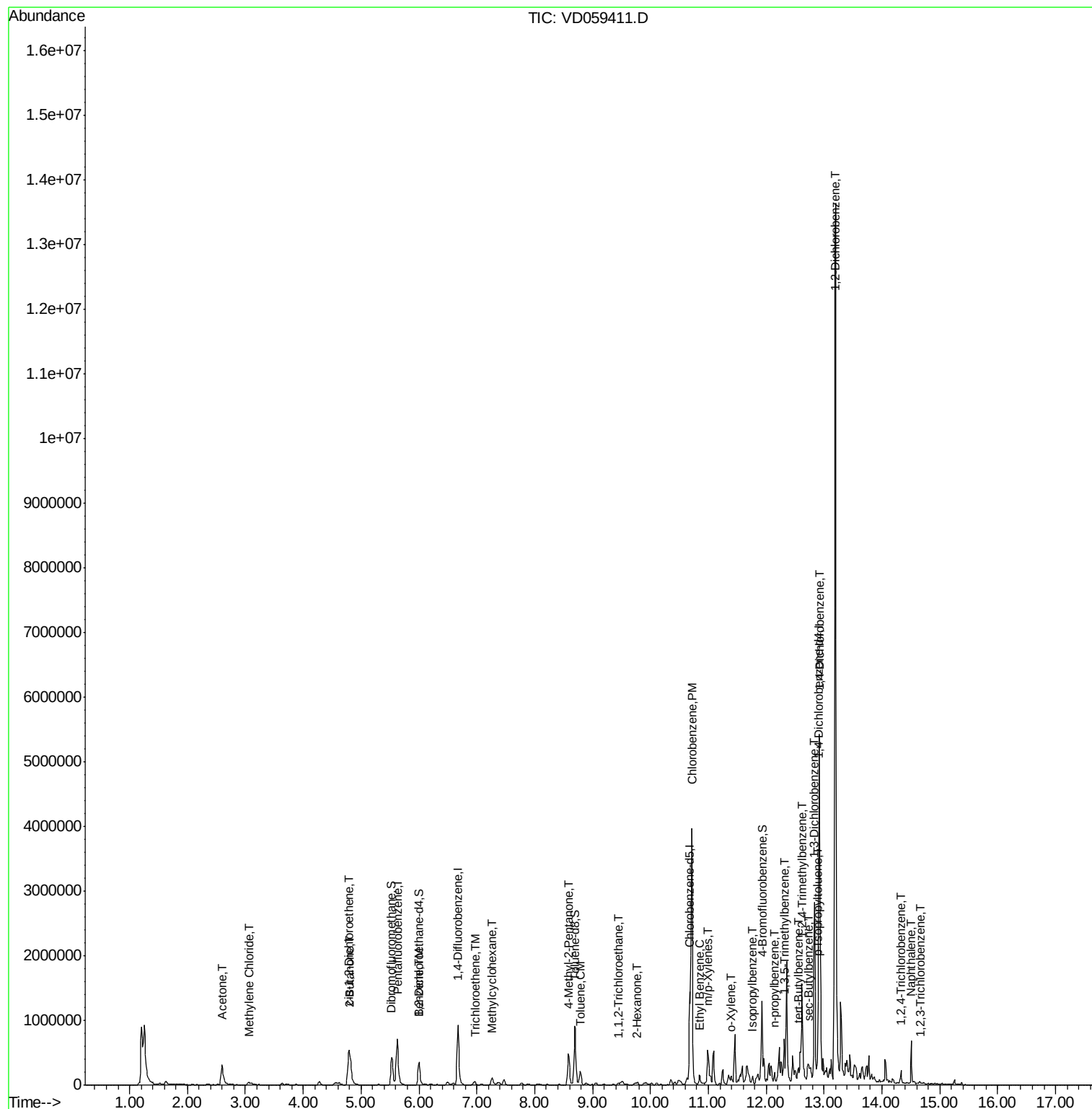
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062518\
Data File : VD059411.D
Acq On : 25 Jun 2018 20:58
Operator : VA/AP
Sample : J3663-02RE
Misc : 5.60q/5ml/MSVOA D/SOIL
ALS Vial : 23 Sample Multiplier: 1

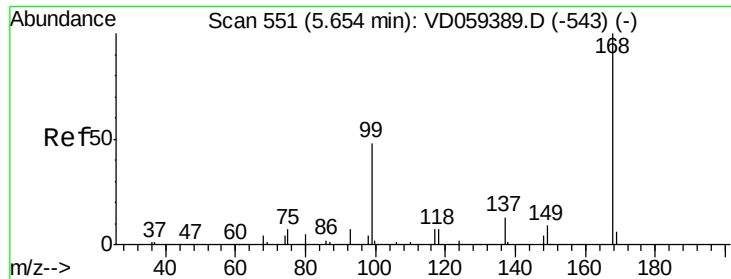
Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-13-15-180618RE

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Quant Time: Jun 28 16:46:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.03 min

Lab File: VD059411.D

Acq: 25 Jun 2018 20:58

Instrument :

MSVOA_D

ClientSampleId :

WP021SB472-13-15-180618RE

Tot Ion:168 Resp: 724265

Ion Ratio Lower Upper

168 100

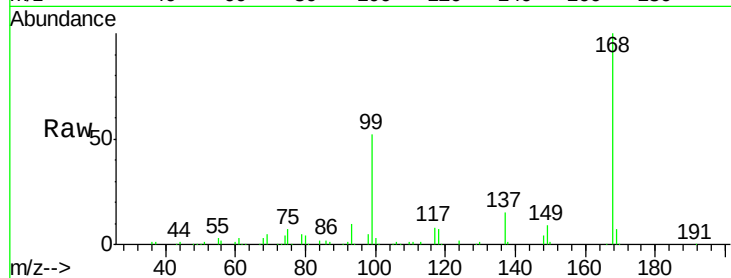
99 52.0 41.0 61.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.63

250000

200000

150000

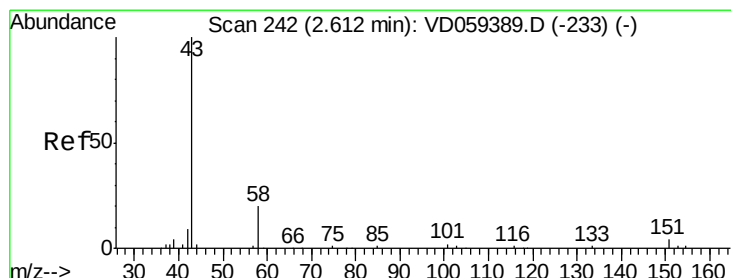
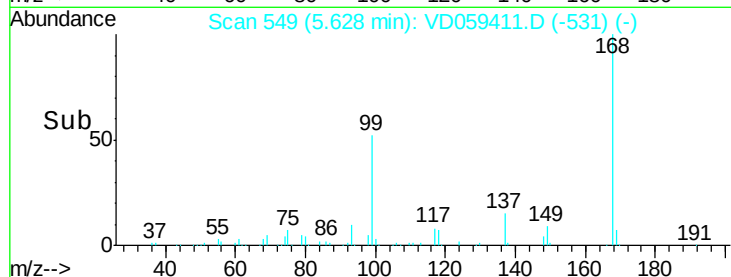
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 699.85 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD059411.D

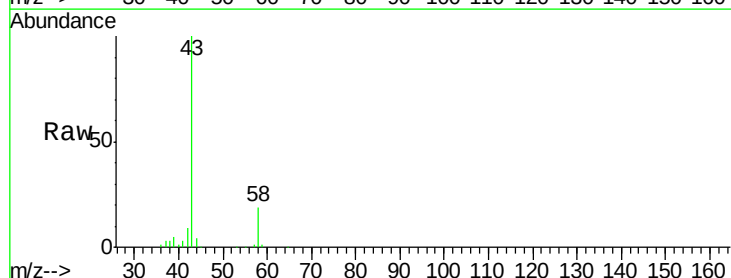
Acq: 25 Jun 2018 20:58

Tgt Ion: 43 Resp: 654206

Ion Ratio Lower Upper

43 100

58 18.5 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.60

250000

200000

150000

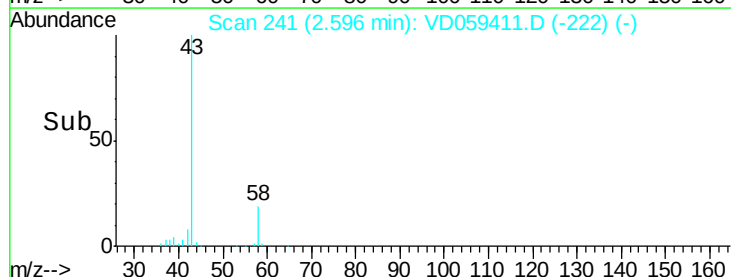
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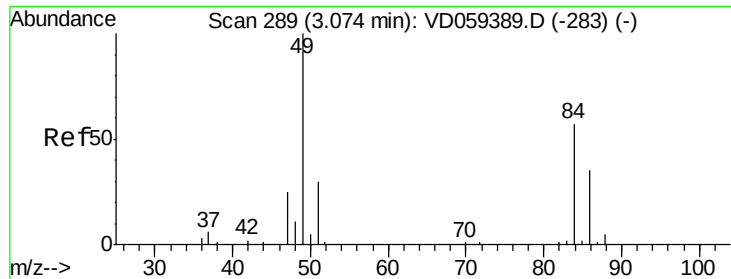
50000

0

2.40 2.50 2.60 2.70 2.80

Time-->





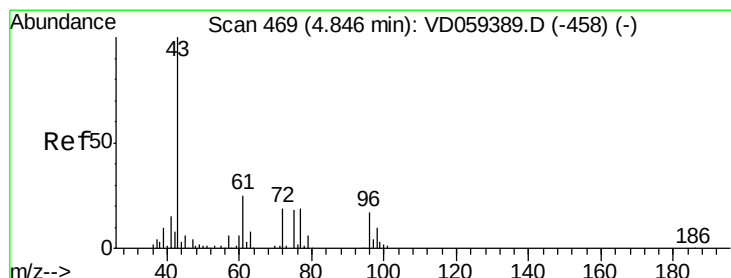
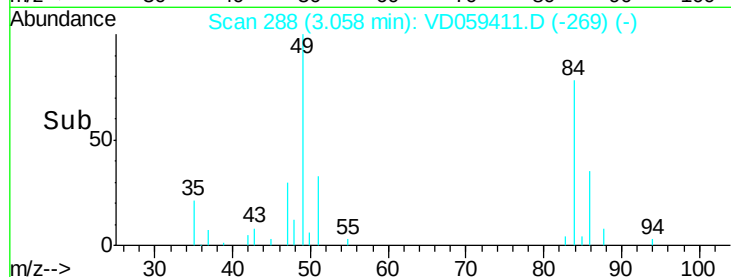
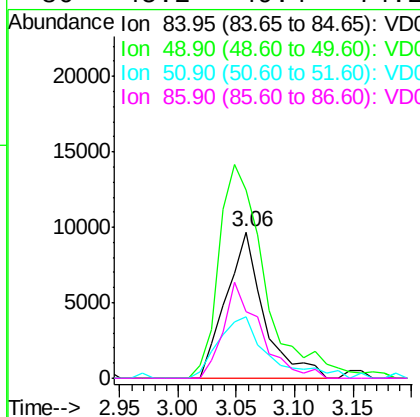
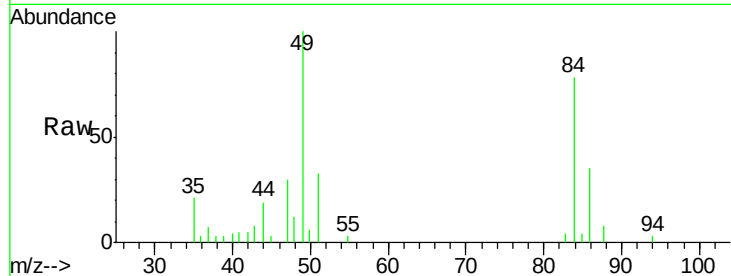
#20
Methylene Chloride
Concen: 6.23 ug/l
RT: 3.06 min Scan# 288
Delta R.T. -0.02 min
Lab File: VD059411.D
Acq: 25 Jun 2018 20:58

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-13-15-180618RE

Tot Ion	Ratio	Lower	Upper
84	100		
49	128.4	140.3	210.5#
51	42.2	41.6	62.4
86	45.2	49.4	74.2#

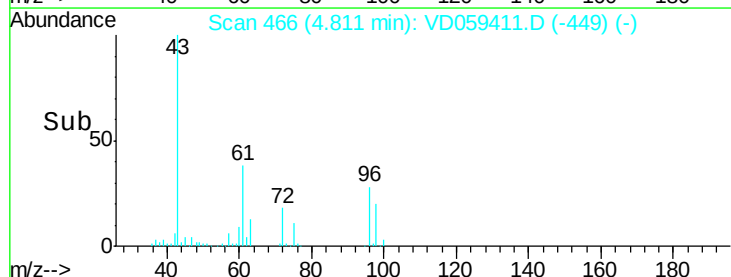
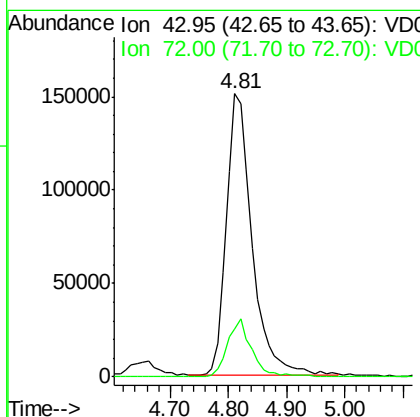
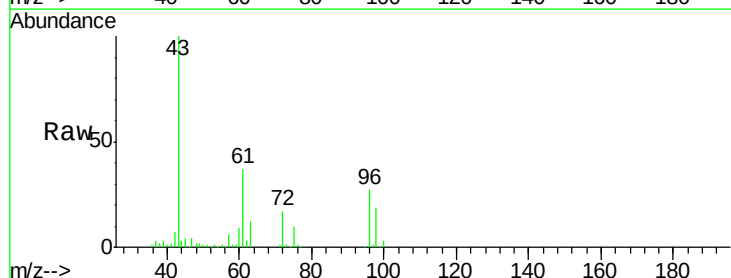
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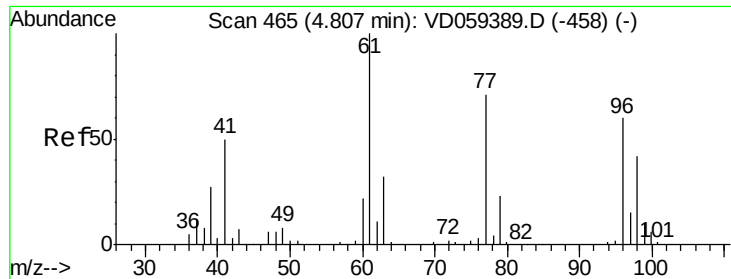
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#25
2-Butanone
Concen: 236.49 ug/l
RT: 4.81 min Scan# 466
Delta R.T. -0.04 min
Lab File: VD059411.D
Acq: 25 Jun 2018 20:58

Tgt Ion	Ratio	Lower	Upper
43	100		
72	17.0	15.4	23.2





#27

cis-1,2-Dichloroethene

Concen: 41.66 ug/l

RT: 4.78 min Scan# 463

Delta R.T. -0.03 min

Lab File: VD059411.D

Acq: 25 Jun 2018 20:58

Instrument :

MSVOA_D

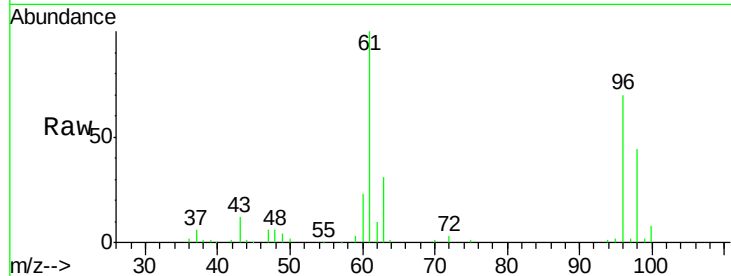
ClientSampleId :

WP021SB472-13-15-180618RE

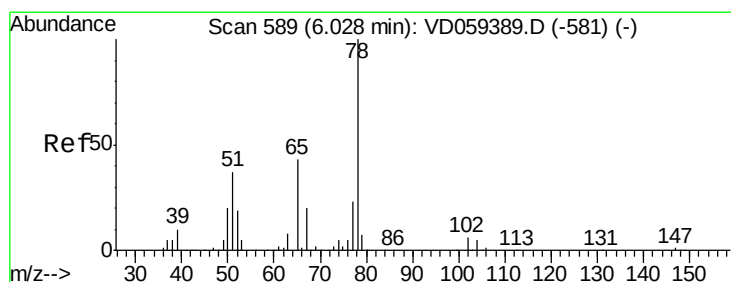
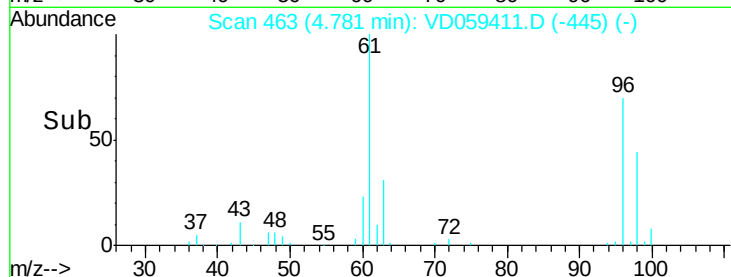
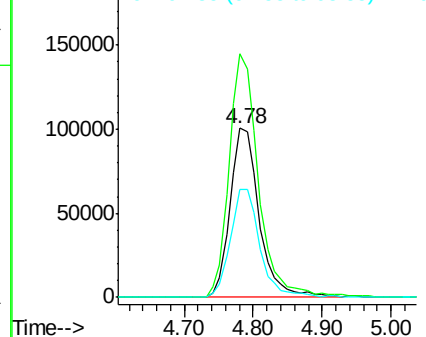
Tot Ion:	96	Resp:	295393
Ion Ratio	Lower	Upper	
96	100		
61	143.8	0.0	335.8
98	63.7	0.0	141.0

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Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

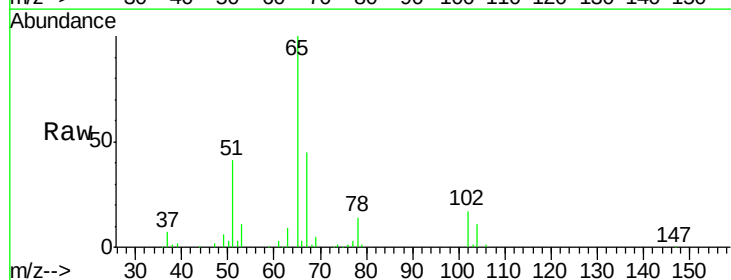
RT: 6.00 min Scan# 587

Delta R.T. -0.03 min

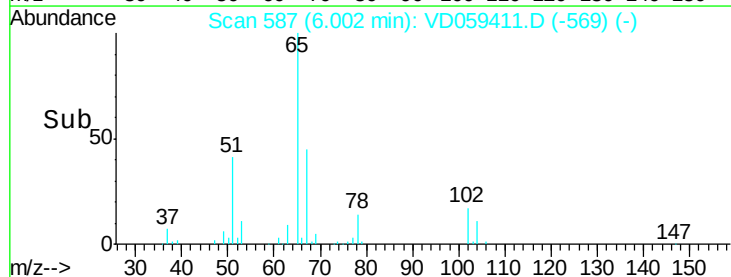
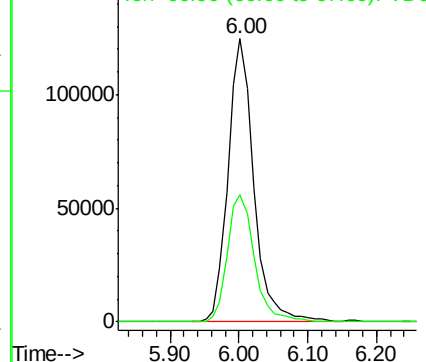
Lab File: VD059411.D

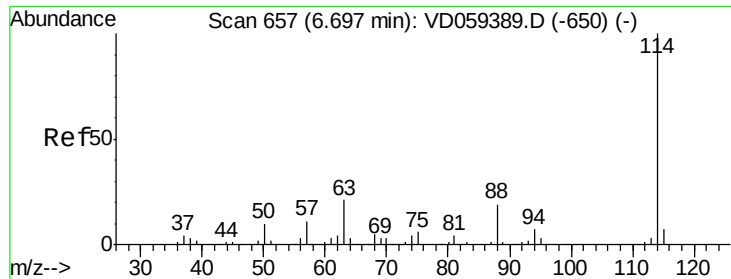
Acq: 25 Jun 2018 20:58

Tgt Ion:	65	Resp:	323199
Ion Ratio	Lower	Upper	
65	100		
67	45.1	0.0	93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.67 min Scan# 655

Delta R.T. -0.03 min

Lab File: VD059411.D

Acq: 25 Jun 2018 20:58

Instrument :

MSVOA_D

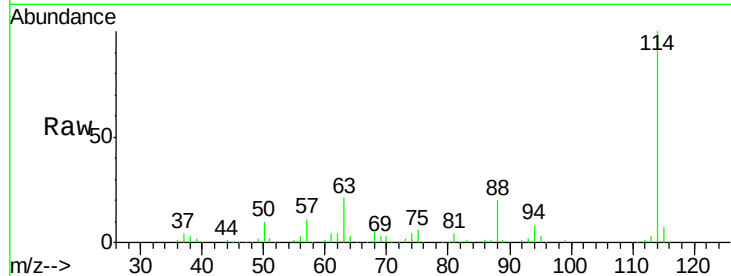
ClientSampleId :

WP021SB472-13-15-180618RE

Tot Ion:	114	Resp:	960274
Ion Ratio	Lower	Upper	
114	100		
63	21.0	0.0	42.4
88	19.8	0.0	38.0

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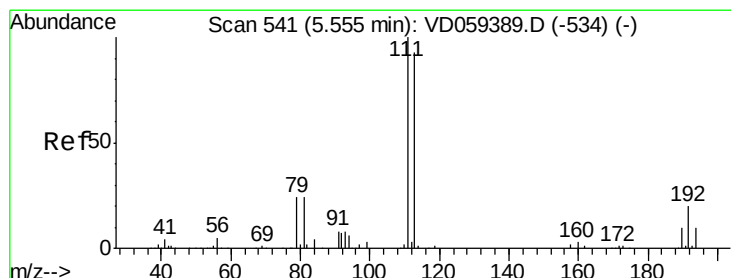
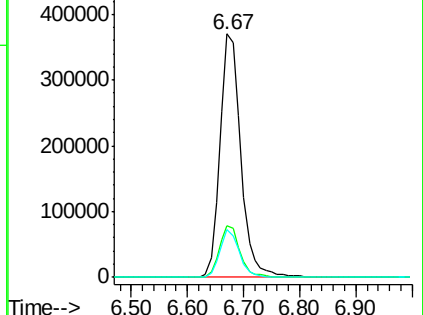
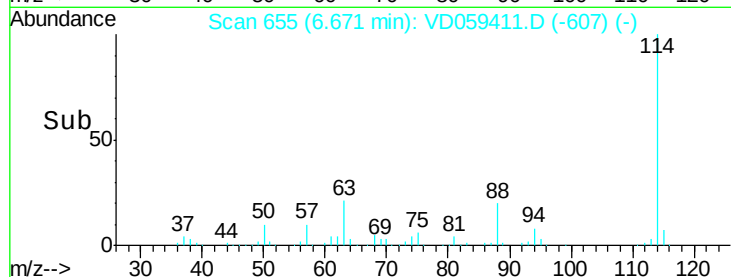
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.00 ug/l

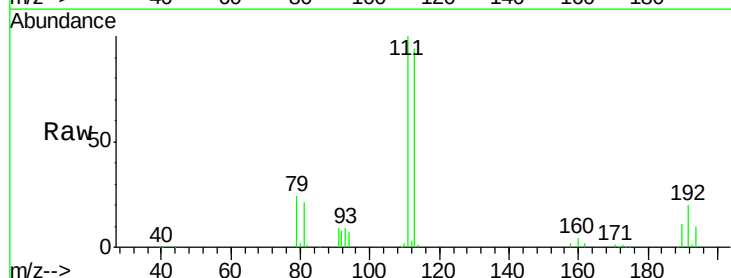
RT: 5.53 min Scan# 539

Delta R.T. -0.03 min

Lab File: VD059411.D

Acq: 25 Jun 2018 20:58

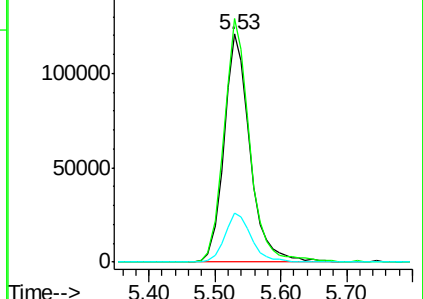
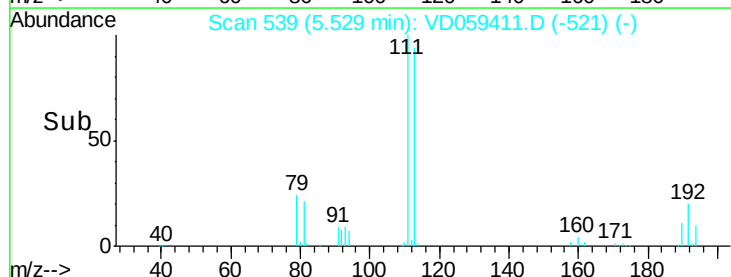
Tgt Ion:	113	Resp:	332281
Ion Ratio	Lower	Upper	
113	100		
111	106.7	85.7	128.5
192	21.6	16.9	25.3

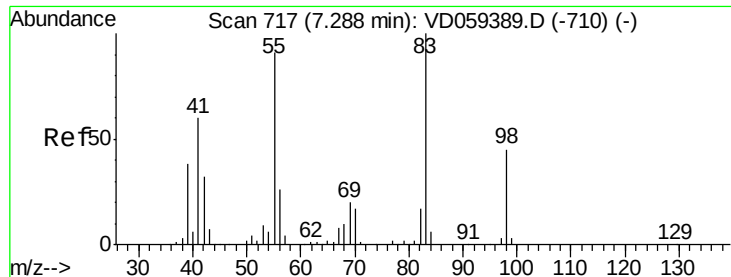


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





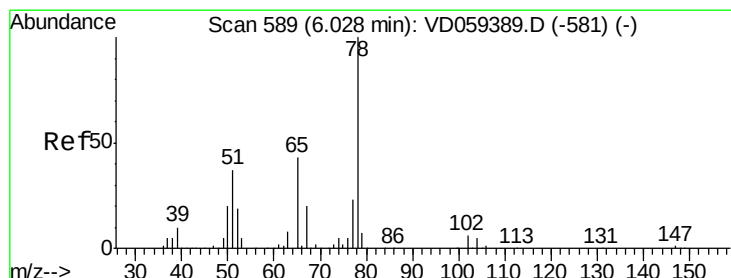
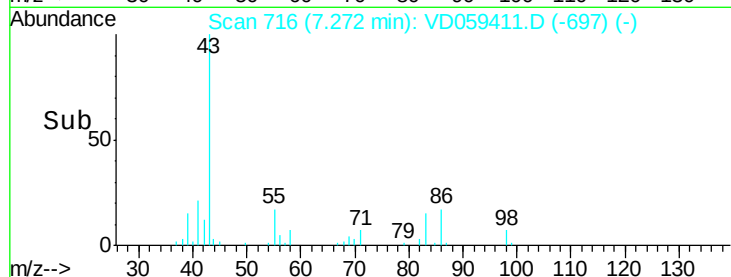
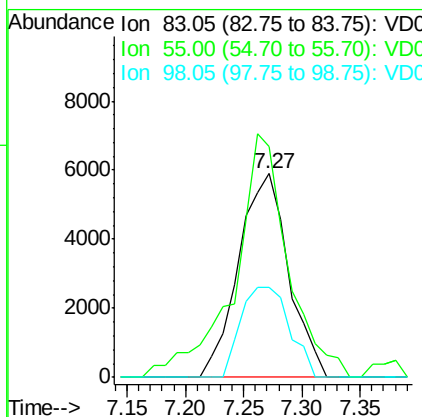
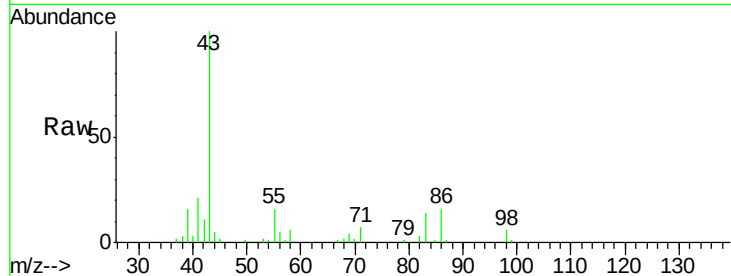
#39
Methylvlcyclohexane
Concen: 2.12 ug/l
RT: 7.27 min Scan# 716
Delta R.T. -0.02 min
Lab File: VD059411.D
Acq: 25 Jun 2018 20:58

Instrument :
MSVOA_D
ClientSampleId :
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Tot Ion	83	Resp	17480
Ion Ratio	Lower	Upper	
83	100		
55	113.6	72.6	109.0#
98	44.2	35.8	53.6

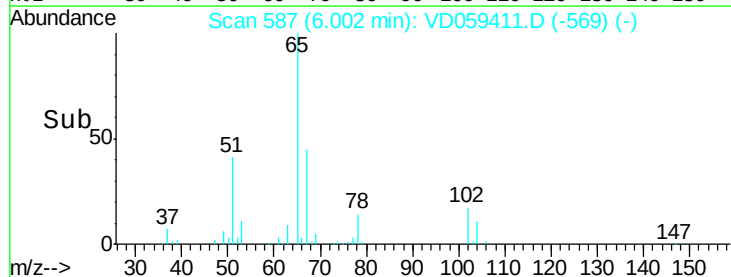
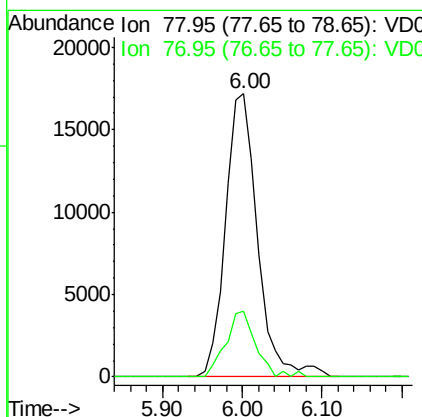
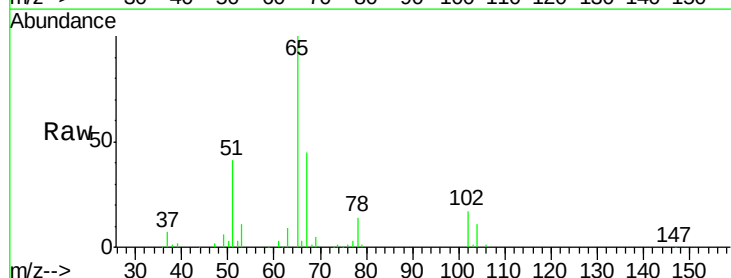
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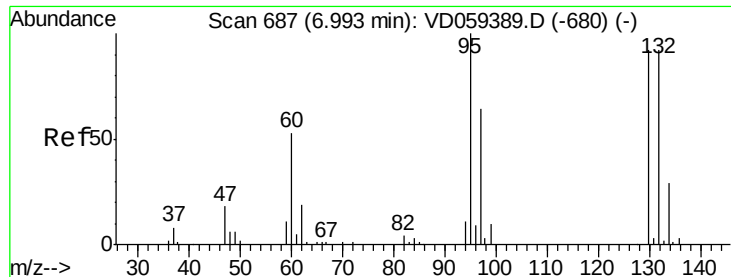
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#40
Benzene
Concen: 2.31 ug/l
RT: 6.00 min Scan# 587
Delta R.T. -0.03 min
Lab File: VD059411.D
Acq: 25 Jun 2018 20:58

Tgt Ion	78	Resp	48365
Ion Ratio	Lower	Upper	
78	100		
77	23.3	18.1	27.1





#44

Trichloroethene

Concen: 2.55 ug/l

RT: 6.97 min Scan# 685

Delta R.T. -0.03 min

Lab File: VD059411.D

Acq: 25 Jun 2018 20:58

Instrument :

MSVOA_D

ClientSampleId :

WP021SB472-13-15-180618RE

Tot Ion:130 Resp: 17470

Ion Ratio Lower Upper

130 100

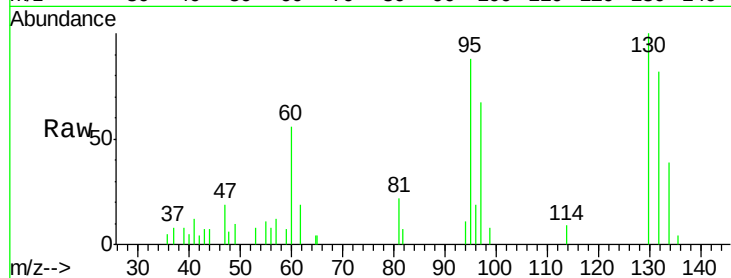
95 88.2 0.0 216.4

Manual Integrations

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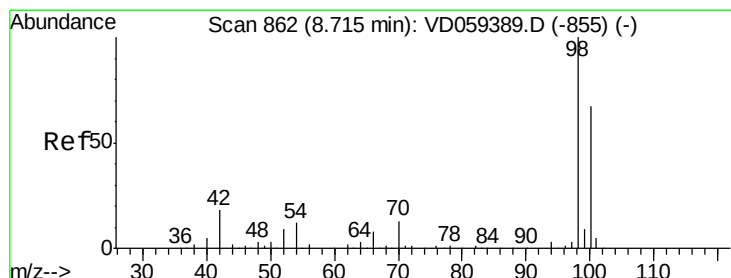
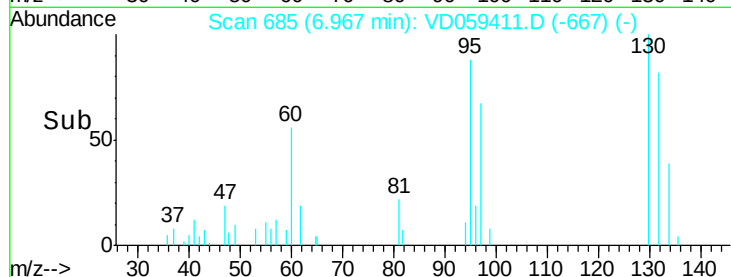
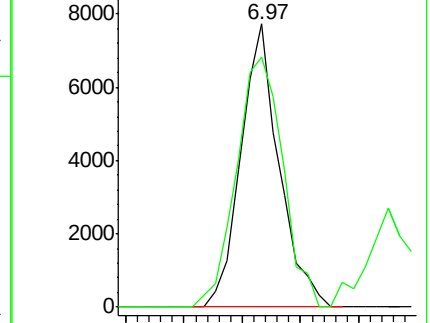
apatel

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.69 min Scan# 860

Delta R.T. -0.03 min

Lab File: VD059411.D

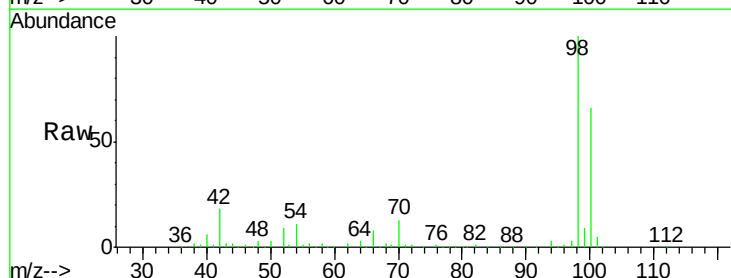
Acq: 25 Jun 2018 20:58

Tgt Ion: 98 Resp: 737439

Ion Ratio Lower Upper

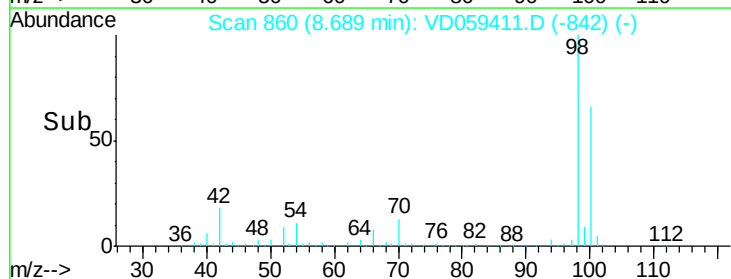
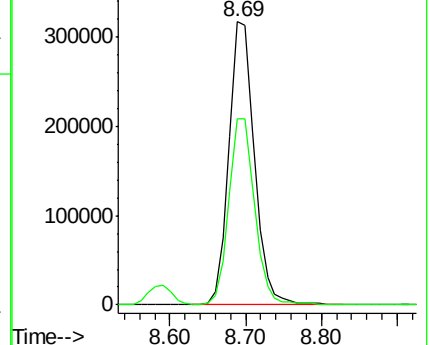
98 100

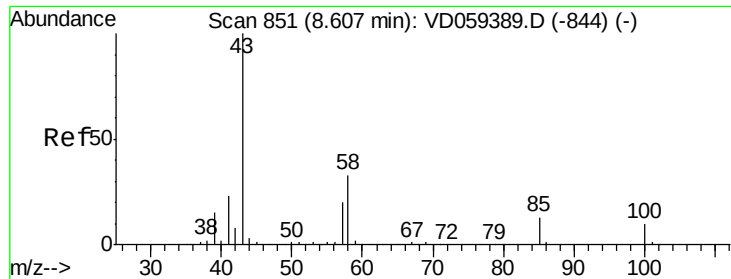
100 65.6 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 104.32 ug/l

RT: 8.58 min Scan# 849

Delta R.T. -0.03 min

Lab File: VD059411.D

Acq: 25 Jun 2018 20:58

Instrument :

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Tot Ion: 43 Resp: 463125

Ion Ratio Lower Upper

43 100

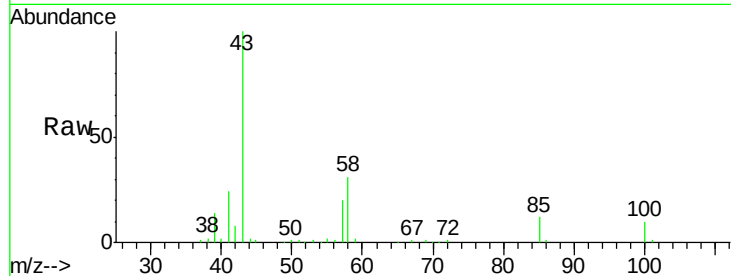
58 31.3 26.3 39.5

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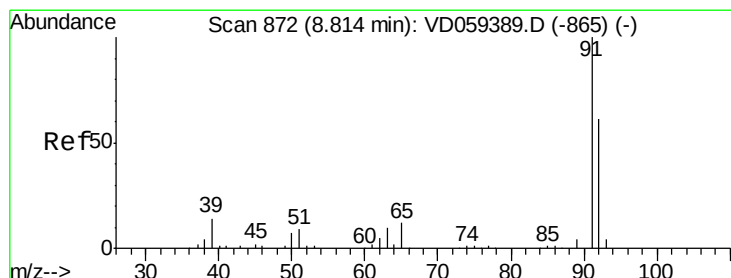
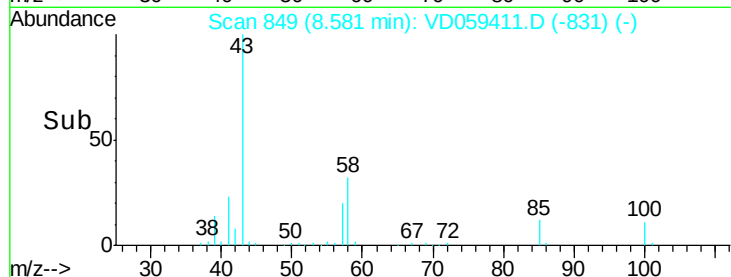
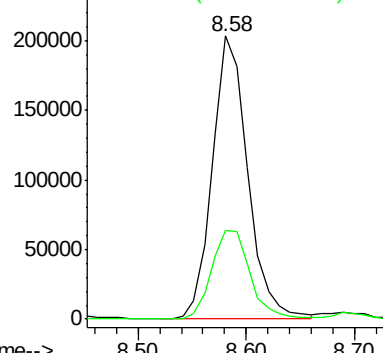
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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 8.22 ug/l

RT: 8.79 min Scan# 870

Delta R.T. -0.03 min

Lab File: VD059411.D

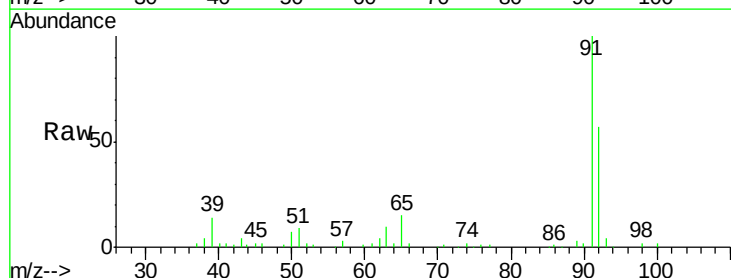
Acq: 25 Jun 2018 20:58

Tgt Ion: 92 Resp: 102660

Ion Ratio Lower Upper

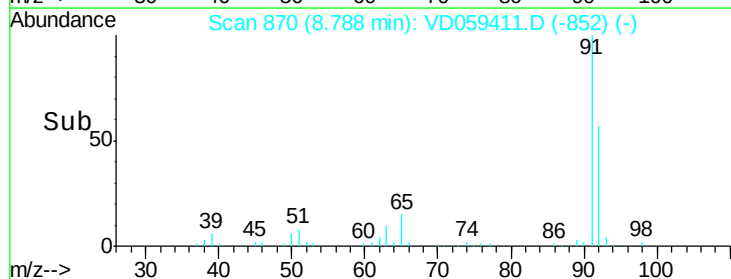
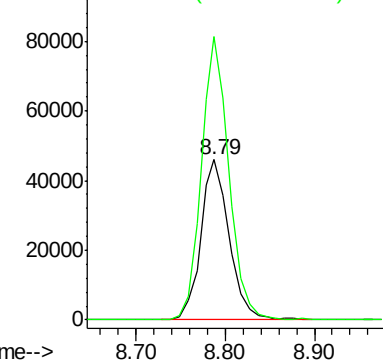
92 100

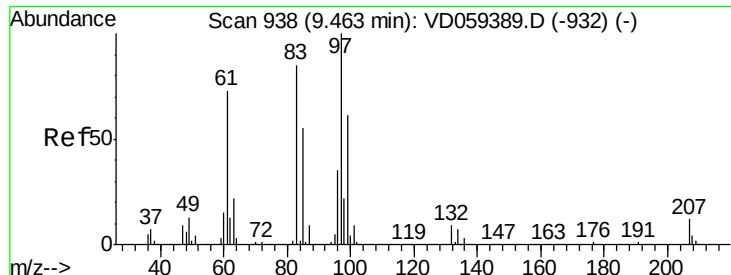
91 176.7 132.2 198.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#55

1,1,2-Trichloroethane

Concen: 1.84 ug/l

RT: 9.45 min Scan# 937

Delta R.T. -0.02 min

Lab File: VD059411.D

Acq: 25 Jun 2018 20:58

Instrument :

MSVOA_D

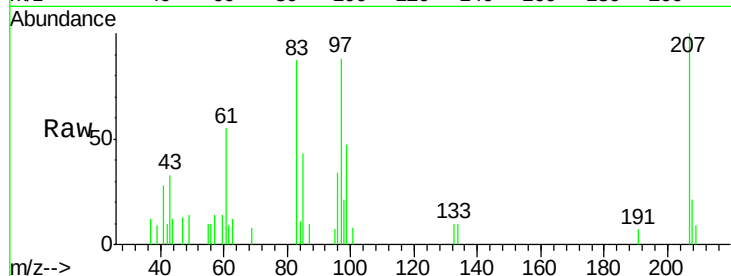
ClientSampleId :

WP021SB472-13-15-180618RE

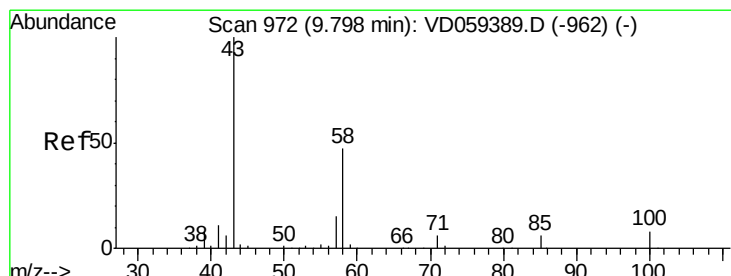
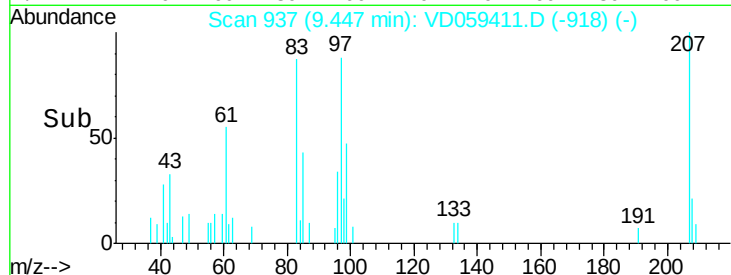
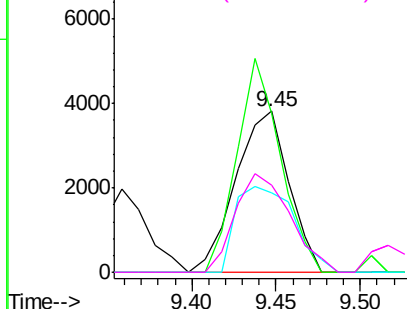
Tot Ion:	97	Resp:	8360
Ion	Ratio	Lower	Upper
97	100		
83	98.9	67.7	101.5
85	49.2	44.3	66.5
99	54.0	48.6	73.0

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Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 98.85 (98.55 to 99.55): VDC



#59

2-Hexanone

Concen: 10.39 ug/l m

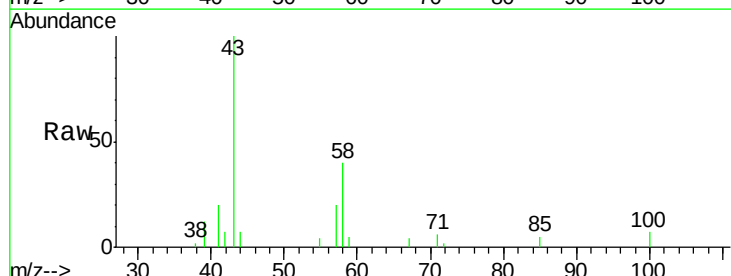
RT: 9.77 min Scan# 970

Delta R.T. -0.03 min

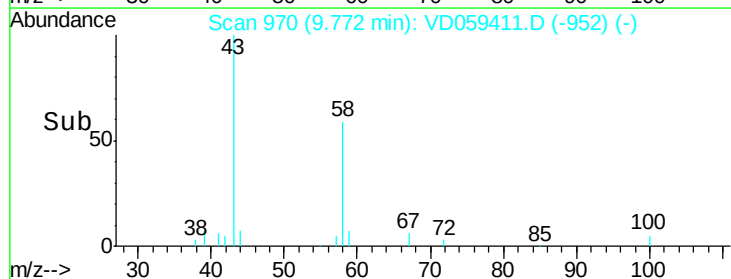
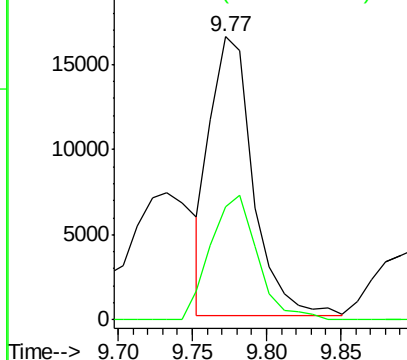
Lab File: VD059411.D

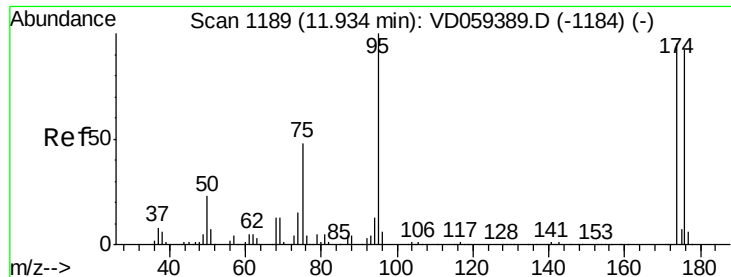
Acq: 25 Jun 2018 20:58

Tgt Ion:	43	Resp:	32773
Ion	Ratio	Lower	Upper
43	100		
58	39.8	23.3	69.9



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC





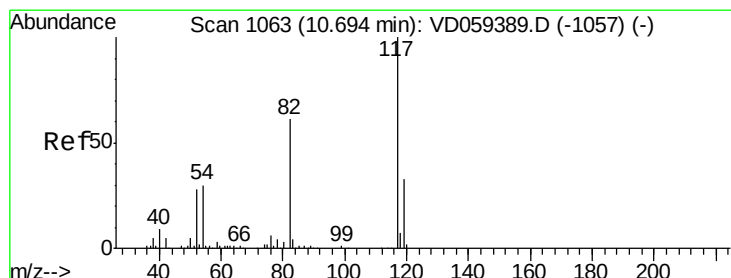
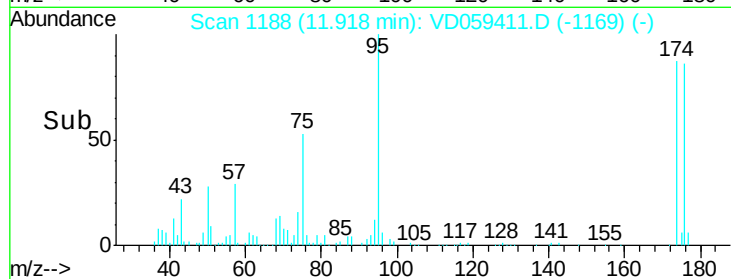
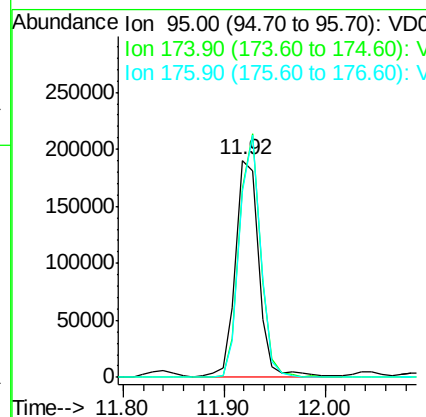
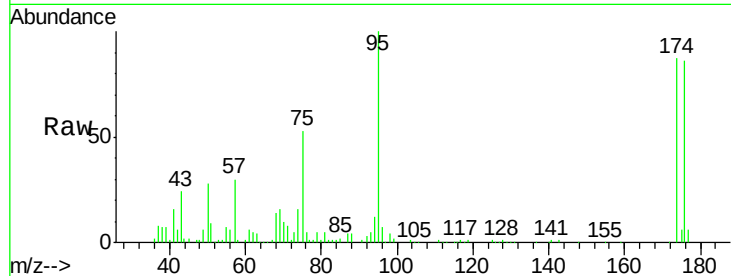
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.02 min
Lab File: VD059411.D
Acq: 25 Jun 2018 20:58

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-13-15-180618RE

Tot Ion	Ratio	Resp	Lower	Upper
95	100	306985		
174	87.0	0.0	190.4	
176	85.9	0.0	183.2	

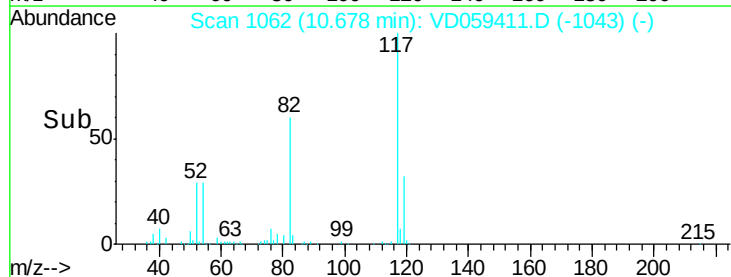
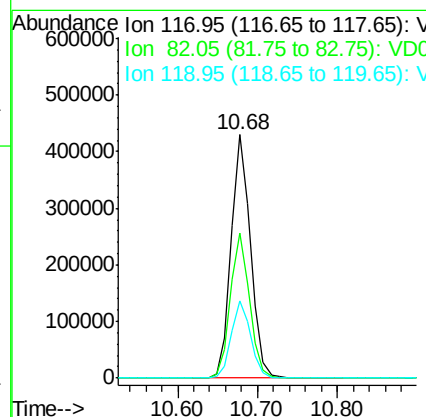
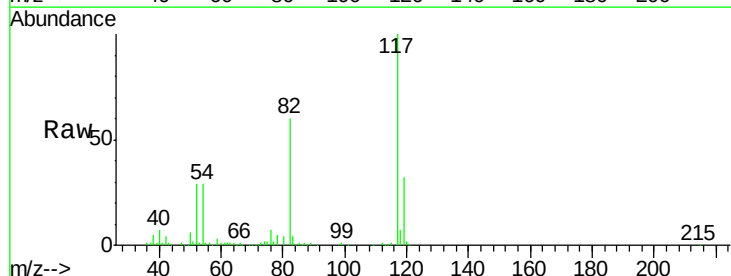
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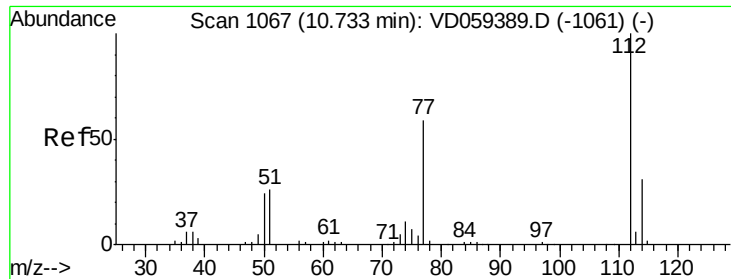
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.02 min
Lab File: VD059411.D
Acq: 25 Jun 2018 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	743677		
82	59.8	49.0	73.6	
119	31.9	26.2	39.4	





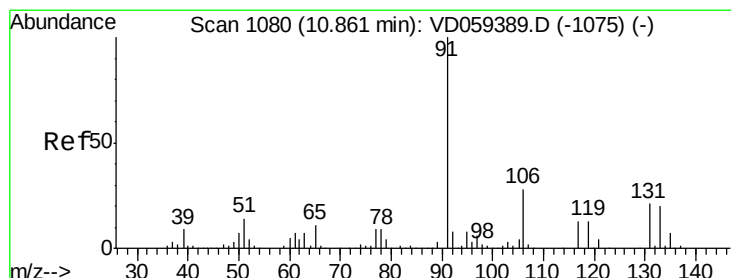
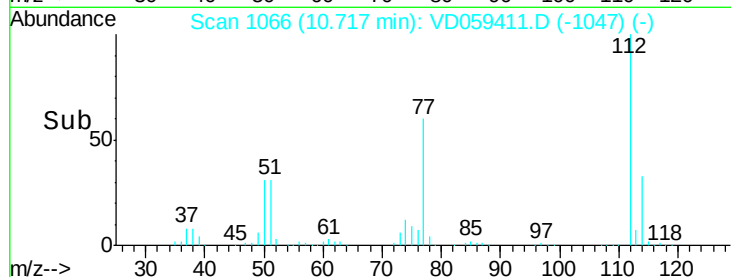
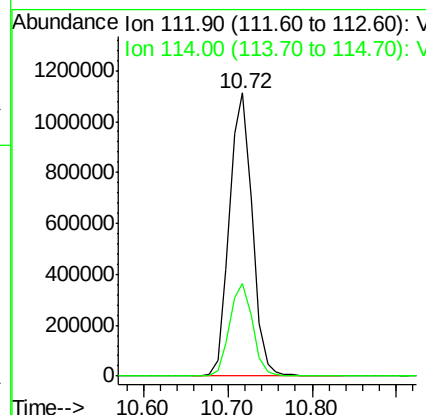
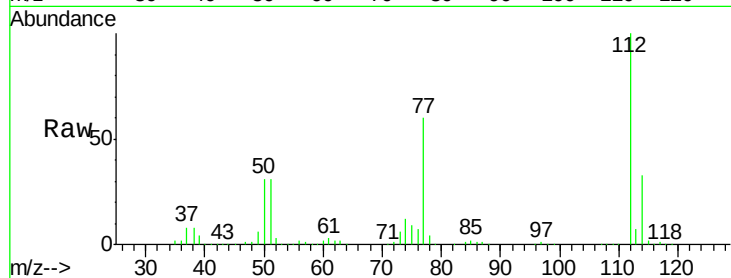
#65
Chlorobenzene
Concen: 154.13 ug/l
RT: 10.72 min Scan# 1066
Delta R.T. -0.02 min
Lab File: VD059411.D
Acq: 25 Jun 2018 20:58

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-13-15-180618RE

Tot Ion:112 Resp: 2095908
Ion Ratio Lower Upper
112 100
114 32.7 24.6 37.0

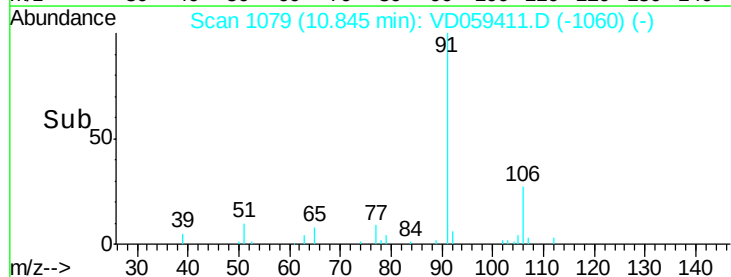
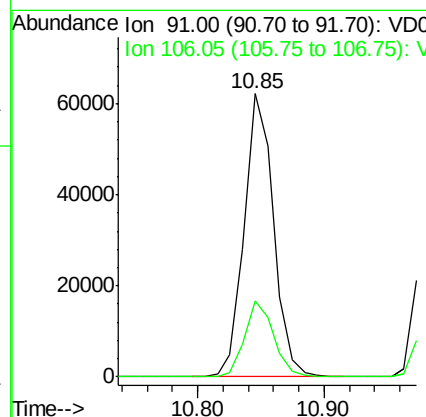
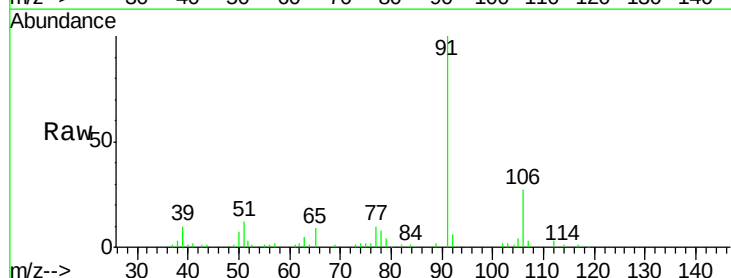
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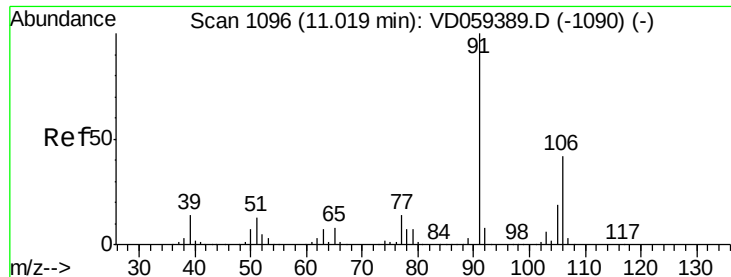
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#67
Ethyl Benzene
Concen: 4.36 ug/l
RT: 10.85 min Scan# 1079
Delta R.T. -0.02 min
Lab File: VD059411.D
Acq: 25 Jun 2018 20:58

Tgt Ion: 91 Resp: 100012
Ion Ratio Lower Upper
91 100
106 26.9 22.3 33.5





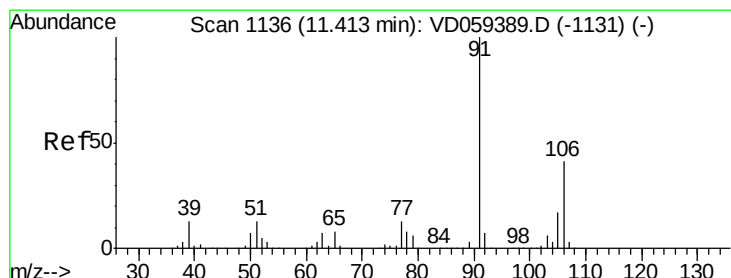
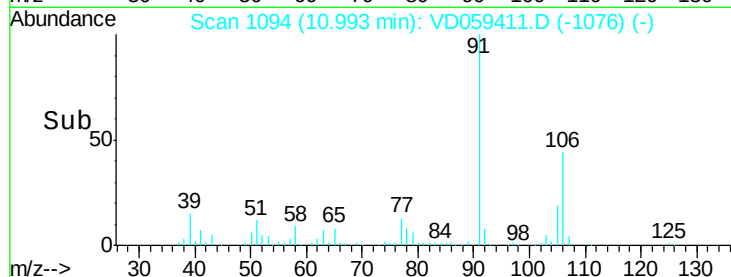
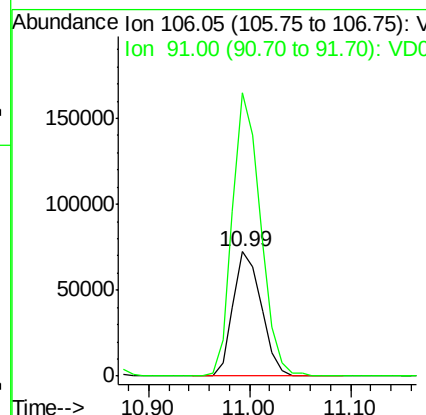
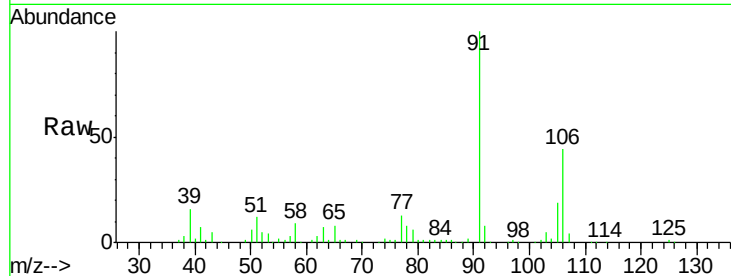
#68
m/p-Xylenes
Concen: 18.69 ug/l
RT: 10.99 min Scan# 1094
Delta R.T. -0.03 min
Lab File: VD059411.D
Acq: 25 Jun 2018 20:58

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-13-15-180618RE

Tot Ion:106 Resp: 142300
Ion Ratio Lower Upper
106 100
91 227.6 191.0 286.6

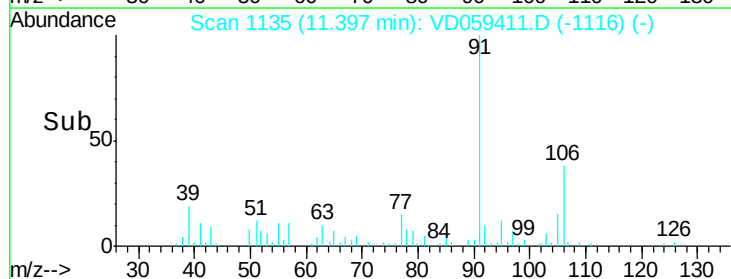
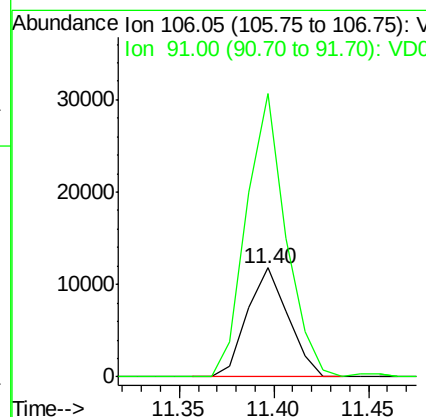
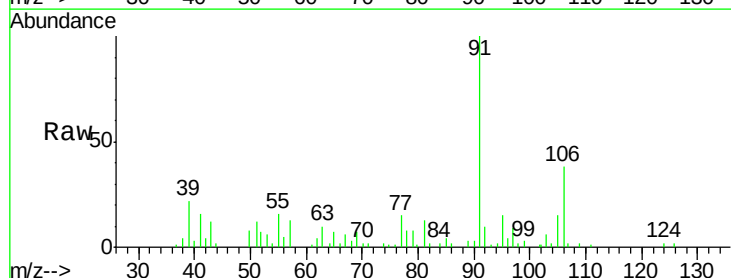
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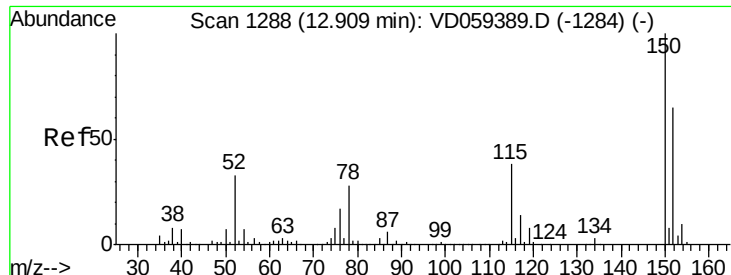
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#69
o-Xylene
Concen: 2.35 ug/l
RT: 11.40 min Scan# 1135
Delta R.T. -0.02 min
Lab File: VD059411.D
Acq: 25 Jun 2018 20:58

Tgt Ion:106 Resp: 17674
Ion Ratio Lower Upper
106 100
91 260.5 121.0 362.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD059411.D

Acq: 25 Jun 2018 20:58

Instrument :

MSVOA_D

ClientSampleId :

WP021SB472-13-15-180618RE

Tot Ion:152 Resp: 377927

Ion Ratio Lower Upper

152 100

115 51.3 29.4 88.3

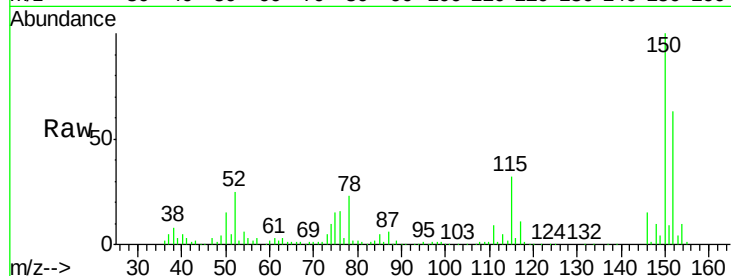
150 158.4 0.0 308.2

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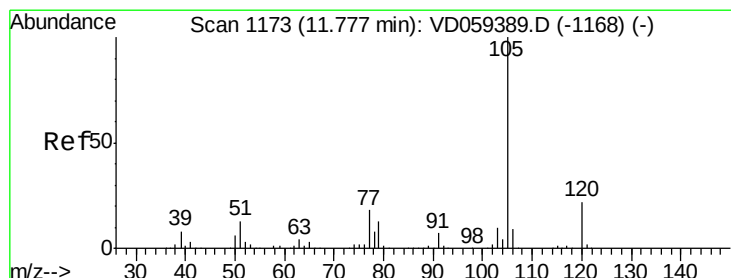
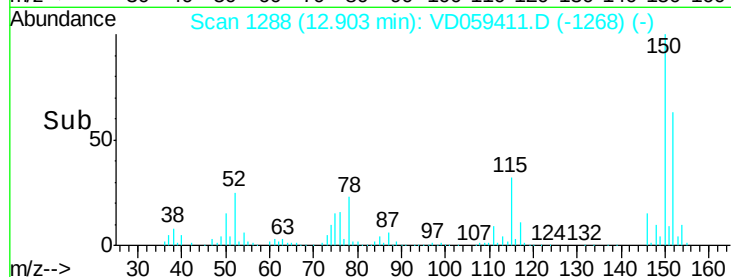
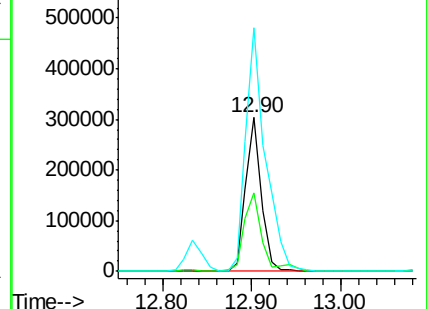
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 2.19 ug/l

RT: 11.76 min Scan# 1172

Delta R.T. -0.02 min

Lab File: VD059411.D

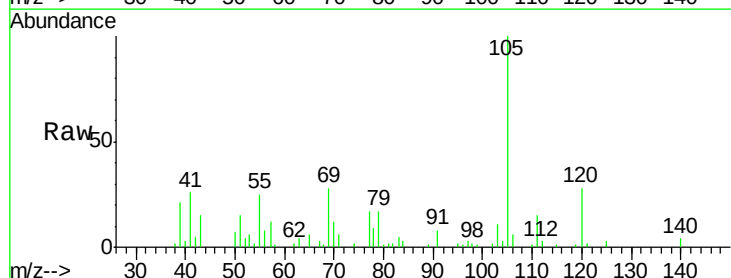
Acq: 25 Jun 2018 20:58

Tgt Ion:105 Resp: 46808

Ion Ratio Lower Upper

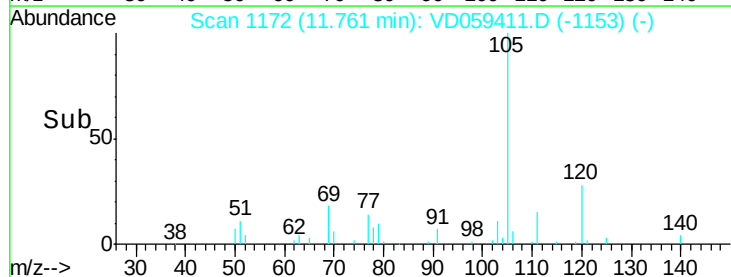
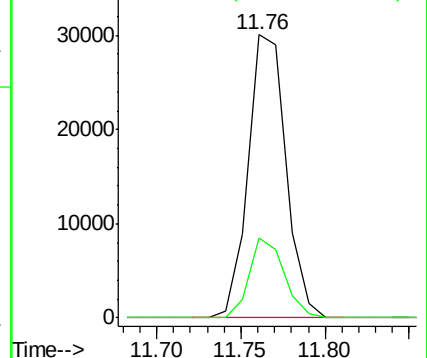
105 100

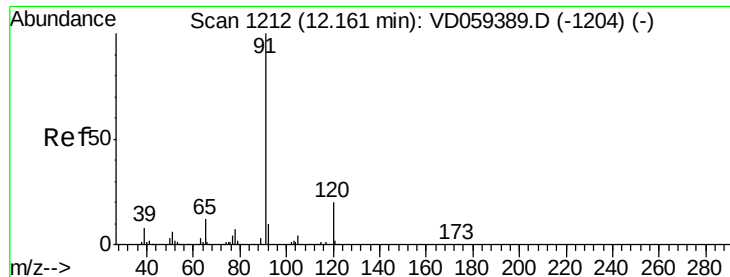
120 28.1 11.0 33.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#78

n-propylbenzene

Concen: 3.67 ug/l

RT: 12.14 min Scan# 1211

Delta R.T. -0.02 min

Lab File: VD059411.D

Acq: 25 Jun 2018 20:58

Instrument :

MSVOA_D

ClientSampleId :

WP021SB472-13-15-180618RE

Tot Ion: 91 Resp: 99085

Ion Ratio Lower Upper

91 100

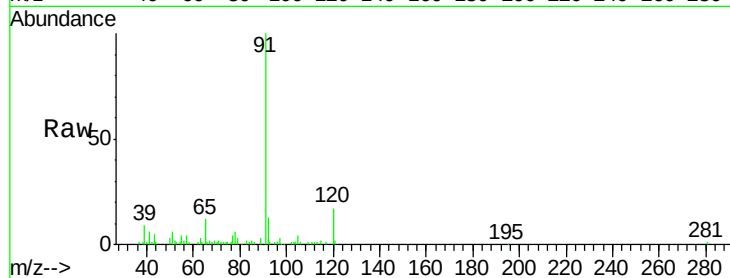
120 17.2 10.0 29.8

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Abundance Ion 91.00 (90.70 to 91.70): VD059389.D (-1204) (-)

Ion 120.05 (119.75 to 120.75): VD059389.D (-1204) (-)

12.14

80000

60000

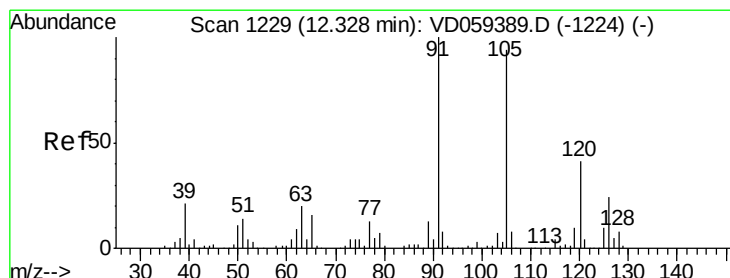
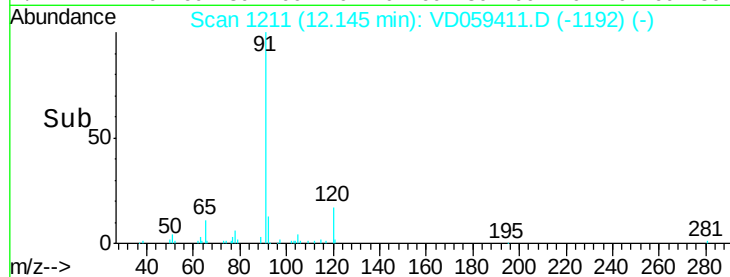
40000

20000

0

Time-->

12.10 12.15 12.20



#80

1,3,5-Trimethylbenzene

Concen: 14.61 ug/l

RT: 12.31 min Scan# 1228

Delta R.T. -0.02 min

Lab File: VD059411.D

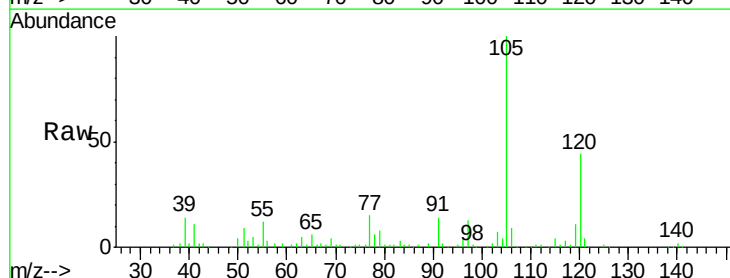
Acq: 25 Jun 2018 20:58

Tgt Ion: 105 Resp: 248039

Ion Ratio Lower Upper

105 100

120 44.4 21.9 65.7



Abundance Ion 105.05 (104.75 to 105.75): VD059389.D (-1224) (-)

Ion 120.05 (119.75 to 120.75): VD059389.D (-1224) (-)

12.31

200000

150000

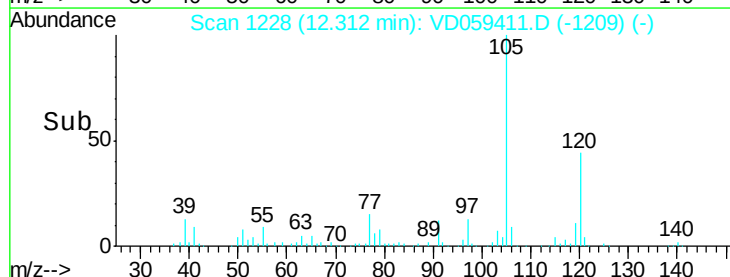
100000

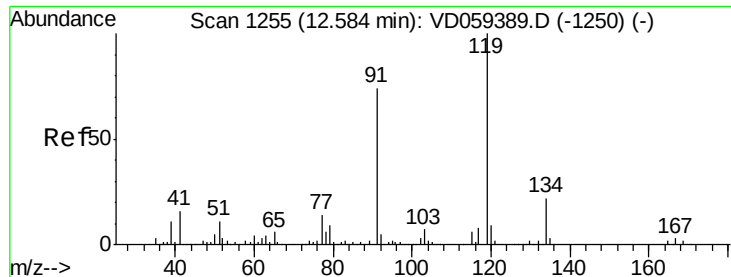
50000

0

Time-->

12.30 12.40





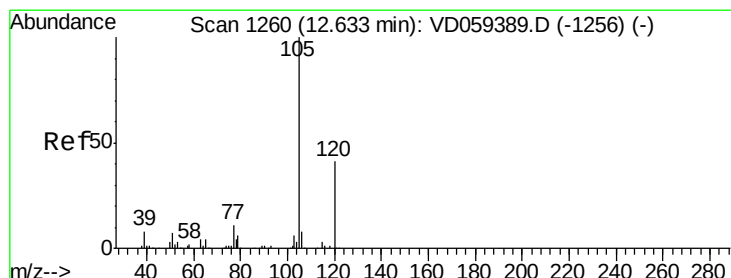
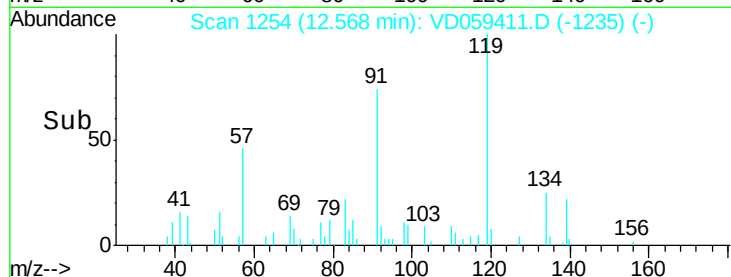
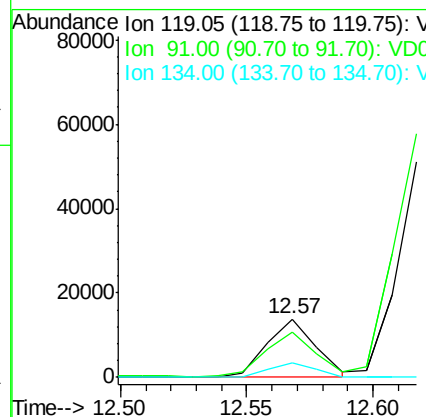
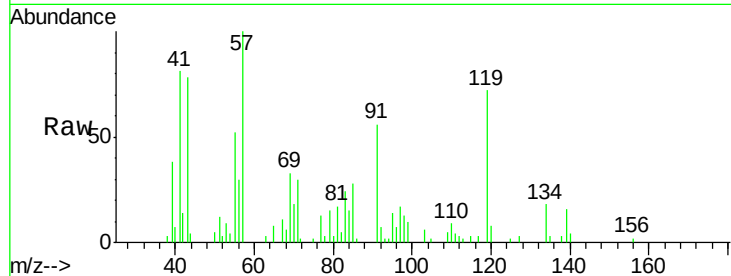
#83
 tert-Butylbenzene
 Concen: 1.02 ug/l
 RT: 12.57 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: VD059411.D
 Acq: 25 Jun 2018 20:58

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB472-13-15-180618RE

Tot Ion	Ratio	Lower	Upper
119	100		
91	77.2	36.9	110.7
134	25.0	11.2	33.6

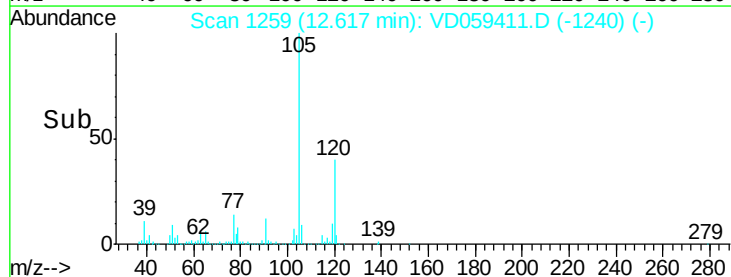
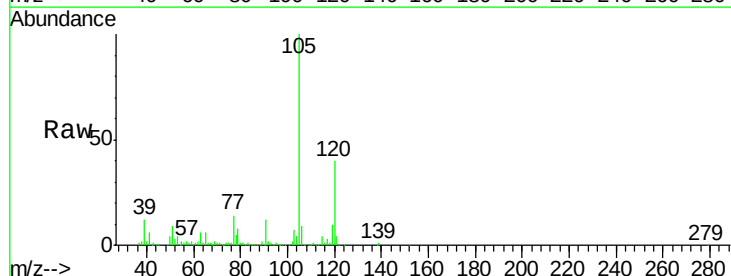
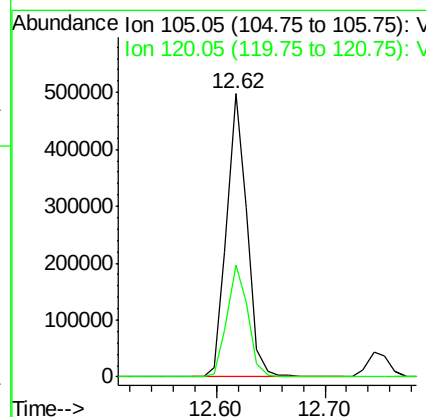
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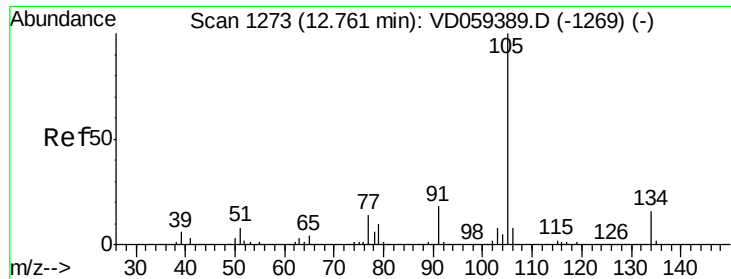
apatel
 6/26/2018 5:33:24 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 36.26 ug/l
 RT: 12.62 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: VD059411.D
 Acq: 25 Jun 2018 20:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	39.5	21.5	64.5





#85

sec-Butylbenzene

Concen: 2.86 ug/l

RT: 12.75 min Scan# 1272

Delta R.T. -0.02 min

Lab File: VD059411.D

Acq: 25 Jun 2018 20:58

Instrument :

MSVOA_D

ClientSampleId :

WP021SB472-13-15-180618RE

Tot Ion:105 Resp: 63405

Ion Ratio Lower Upper

105 100

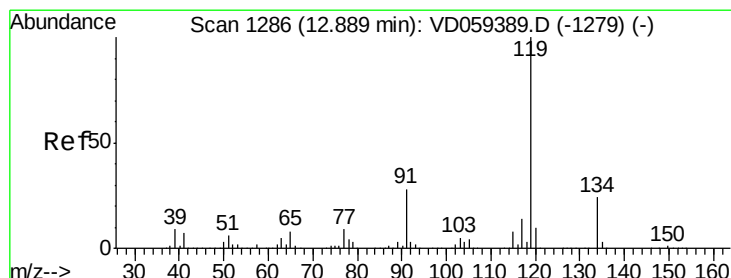
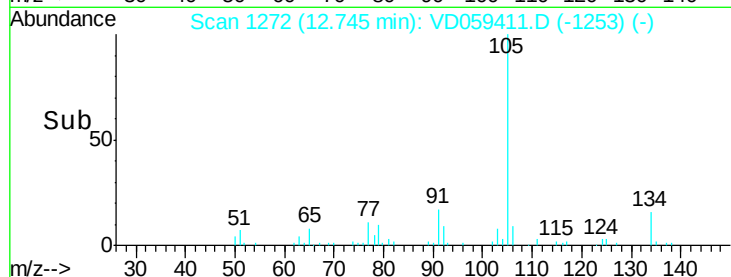
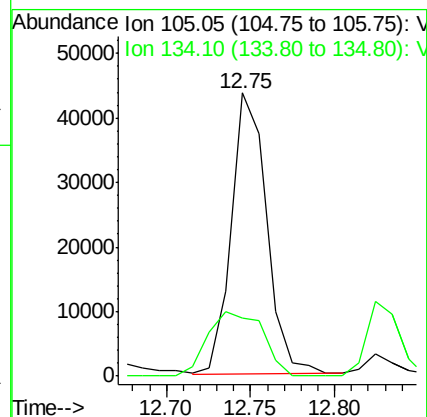
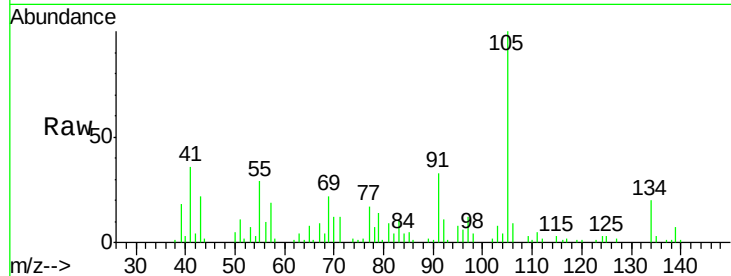
134 20.4 8.2 24.6

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#86

p-Isopropyltoluene

Concen: 2.27 ug/l

RT: 12.88 min Scan# 1286

Delta R.T. -0.01 min

Lab File: VD059411.D

Acq: 25 Jun 2018 20:58

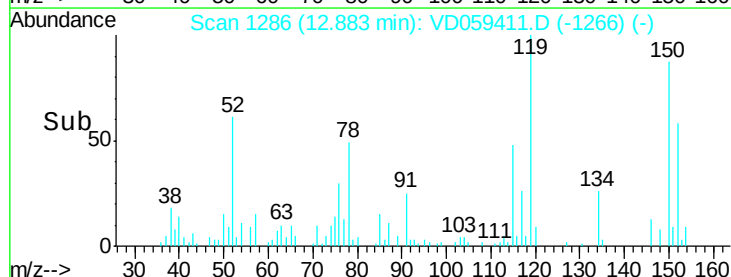
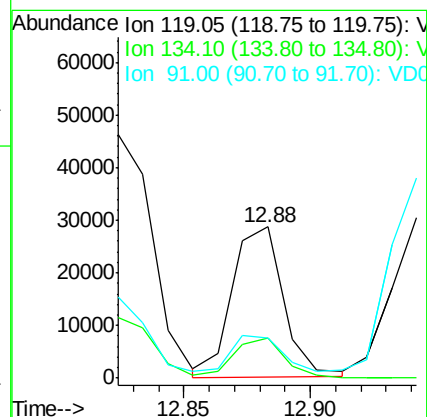
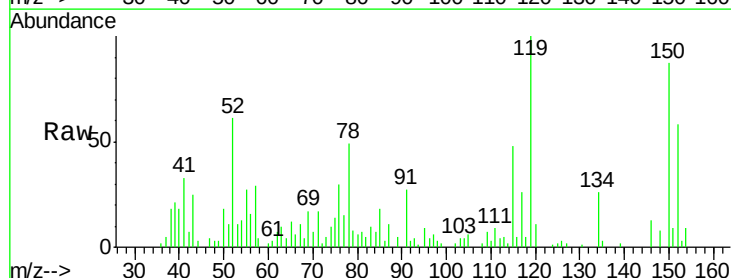
Tgt Ion:119 Resp: 40525

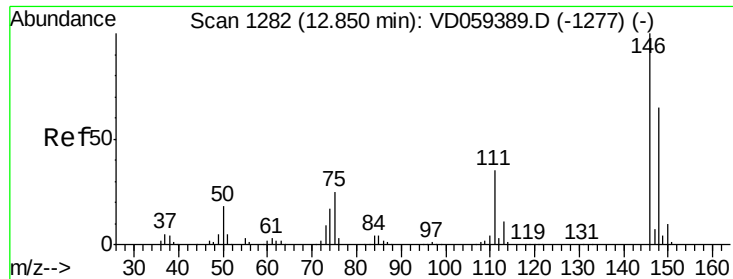
Ion Ratio Lower Upper

119 100

134 26.2 11.9 35.5

91 26.7 14.1 42.4





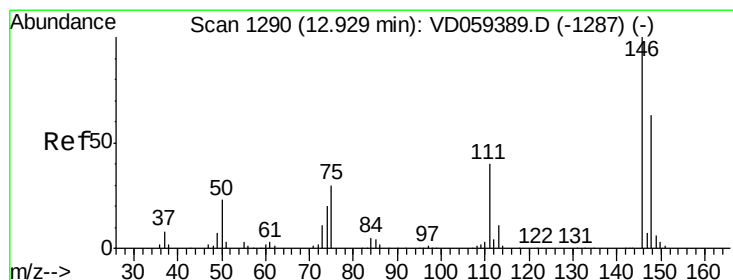
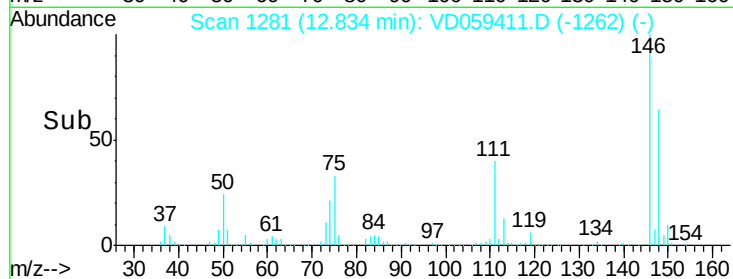
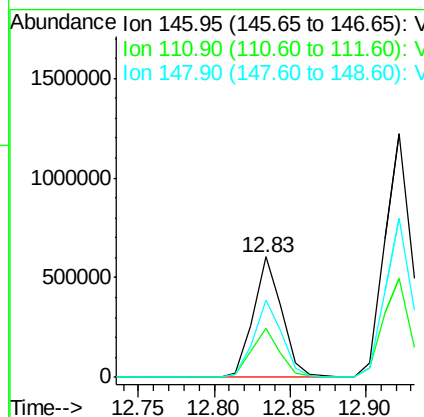
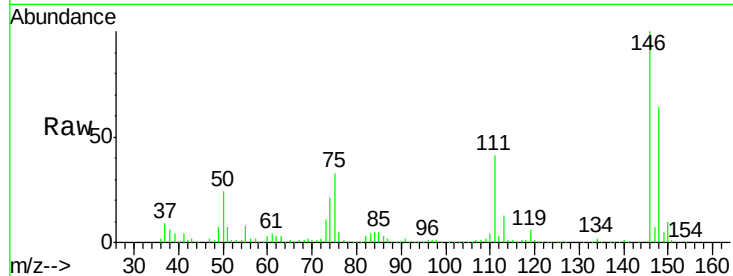
#87
 1,3-Dichlorobenzene
 Concen: 72.05 ug/l
 RT: 12.83 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: VD059411.D
 Acq: 25 Jun 2018 20:58

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB472-13-15-180618RE

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	17.6	52.8
148	63.8	32.4	97.2

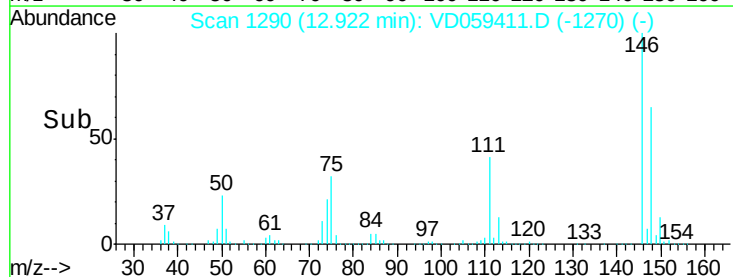
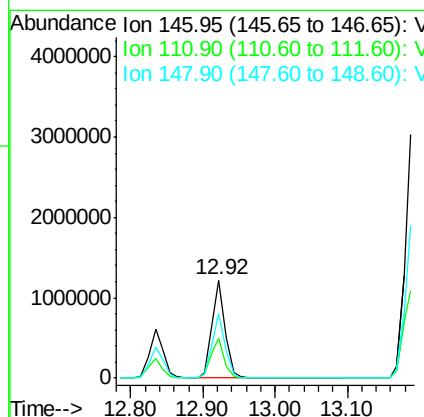
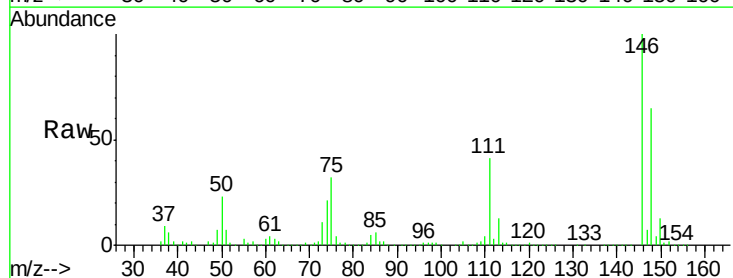
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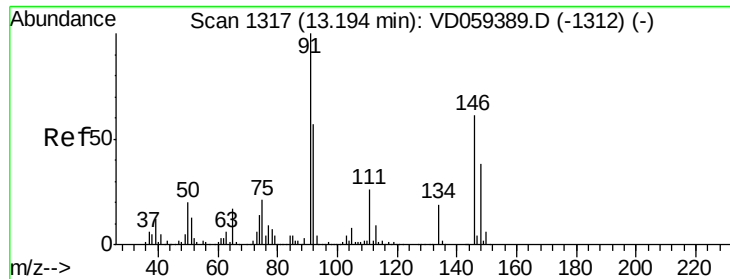
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#88
 1,4-Dichlorobenzene
 Concen: 141.68 ug/l
 RT: 12.92 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: VD059411.D
 Acq: 25 Jun 2018 20:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.1	60.2
148	65.3	31.4	94.0





#91

1,2-Dichlorobenzene

Concen: 658.58 ug/l

RT: 13.20 min Scan# 1318

Delta R.T. 0.00 min

Lab File: VD059411.D

Acq: 25 Jun 2018 20:58

Instrument :

MSVOA_D

ClientSampleId :

WP021SB472-13-15-180618RE

Tot Ion:146 Resp: 6166291

Ion Ratio Lower Upper

146 100

111 35.8 21.4 64.2

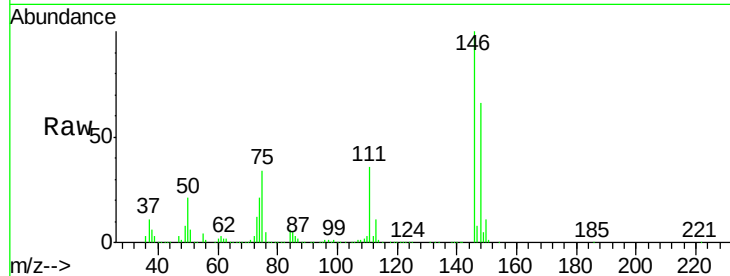
148 65.6 31.6 95.0

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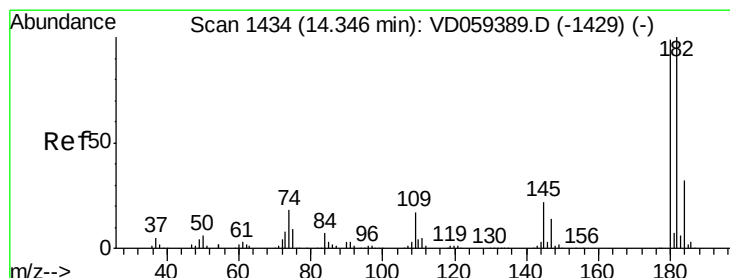
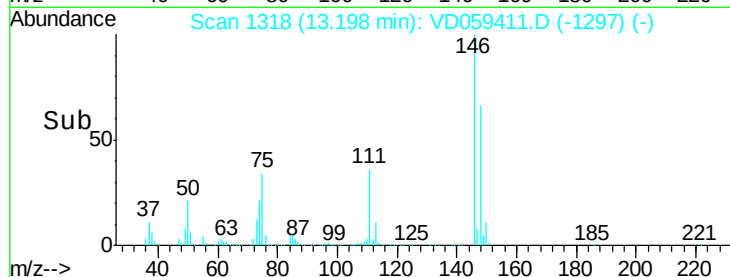
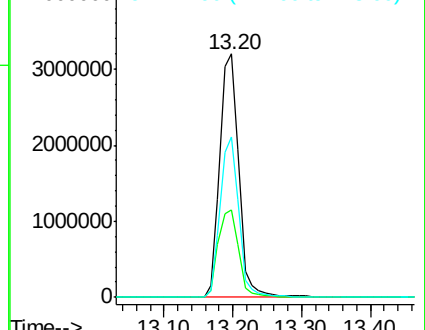
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Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 4.87 ug/l

RT: 14.33 min Scan# 1433

Delta R.T. -0.02 min

Lab File: VD059411.D

Acq: 25 Jun 2018 20:58

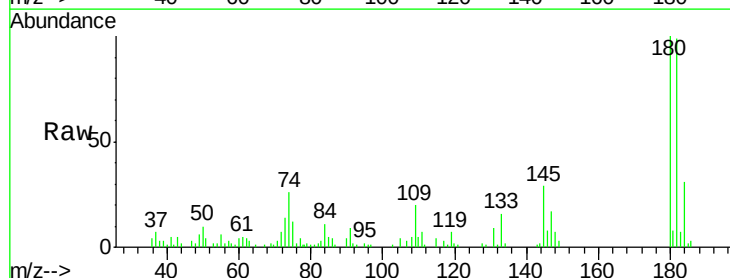
Tgt Ion:180 Resp: 42151

Ion Ratio Lower Upper

180 100

182 99.5 50.4 151.2

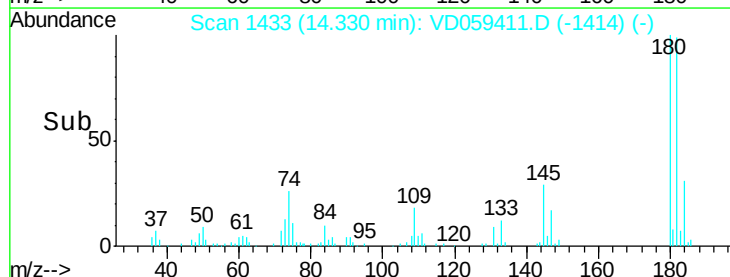
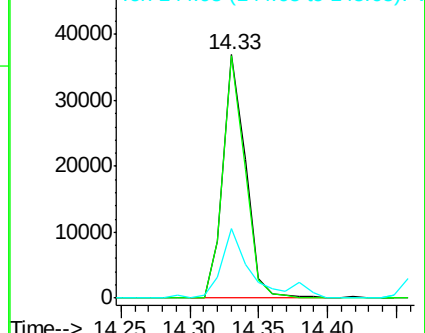
145 28.7 11.0 33.0

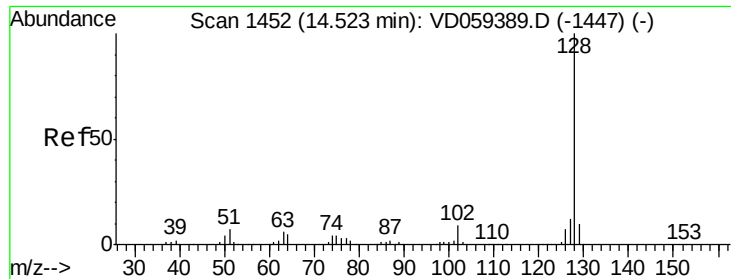


Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V





#95

Naphthalene

Concen: 29.15 ug/l

RT: 14.51 min Scan# 1451

Delta R.T. -0.02 min

Lab File: VD059411.D

Acq: 25 Jun 2018 20:58

Instrument :

MSVOA_D

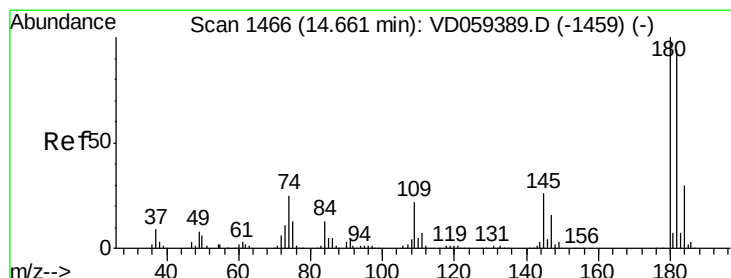
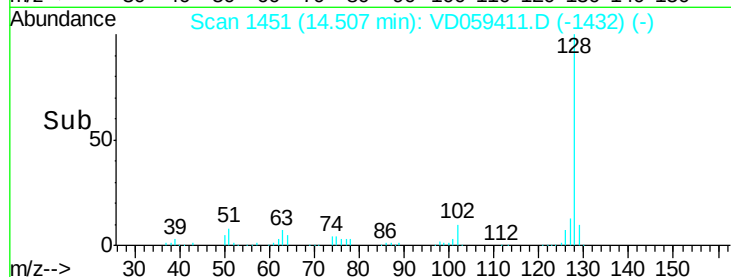
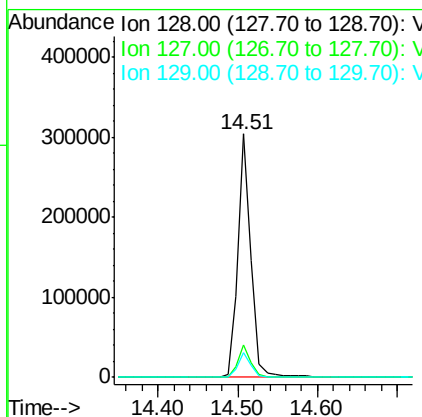
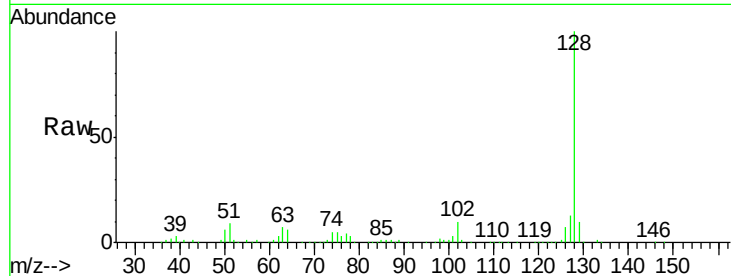
ClientSampleId :

WP021SB472-13-15-180618RE

Tot Ion:	128	Resp:	351632
Ion Ratio	Lower	Upper	
128	100		
127	13.4	9.6	14.4
129	10.2	8.2	12.2

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#96

1,2,3-Trichlorobenzene

Concen: 1.14 ug/l

RT: 14.65 min Scan# 1466

Delta R.T. -0.01 min

Lab File: VD059411.D

Acq: 25 Jun 2018 20:58

Tgt Ion:	180	Resp:	8874
Ion Ratio	Lower	Upper	
180	100		
182	84.4	47.1	141.4
145	35.3	13.1	39.3

