

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
 Data File : VD058349.D
 Acq On : 23 Jun 2018 19:07
 Operator : VA/AP
 Sample : J3664-24
 Misc : 6.69g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-35-37-180619

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Quant Time: Jun 25 08:24:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	827340	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	6.72	114	1188067	50.00	ug/l	0.03
63) Chlorobenzene-d5	10.71	117	776056	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.91	152	414537	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	330840	39.59	ug/l	0.04
Spiked Amount 50.000			Recovery =	79.18%		
35) Dibromofluoromethane	5.57	113	324107	33.52	ug/l	0.02
Spiked Amount 50.000			Recovery =	67.04%		
50) Toluene-d8	8.74	98	604379	25.83	ug/l	0.03
Spiked Amount 50.000			Recovery =	51.66%		
62) 4-Bromofluorobenzene	11.94	95	260506	27.26	ug/l	0.01
Spiked Amount 50.000			Recovery =	54.52%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.58	101	152377	40.33	ug/l	94
12) 1,1-Dichloroethene	2.57	96	2060911	725.06	ug/l	91
16) Acetone	2.63	43	33033	28.90	ug/l	96
20) Methylene Chloride	3.09	84	1691031	621.23	ug/l	96
24) 1,1-Dichloroethane	3.99	63	55574	3.93	ug/l #	96
27) cis-1,2-Dichloroethene	4.83	96	190028	24.48	ug/l	91
30) Chloroform	5.34	83	269399	18.03	ug/l	89
38) Carbon Tetrachloride	5.76	117	98562	8.44	ug/l	91
40) Benzene	6.05	78	93255	3.33	ug/l	95
44) Trichloroethene	7.23	130	50849868m	6048.56	ug/l	
51) 4-Methyl-2-Pentanone	8.63	43	230717	39.62	ug/l	99
52) Toluene	8.85	92	10324157	647.61	ug/l	99
55) 1,1,2-Trichloroethane	9.48	97	92209	16.35	ug/l	98
64) Tetrachloroethene	9.54	164	260568	39.90	ug/l	97
65) Chlorobenzene	10.74	112	81291	5.60	ug/l	100
67) Ethyl Benzene	10.88	91	300765	11.74	ug/l	96
68) m/p-Xylenes	11.01	106	435379	50.94	ug/l	99
69) o-Xylene	11.42	106	216680	26.55	ug/l	98
70) Styrene	11.45	104	872071	62.61	ug/l	100
73) Isopropylbenzene	11.78	105	78445	3.16	ug/l	94
78) n-propylbenzene	12.16	91	201768	6.30	ug/l	99
80) 1,3,5-Trimethylbenzene	12.32	105	565174	29.22	ug/l	98
83) tert-Butylbenzene	12.58	119	30918	1.39	ug/l	91
84) 1,2,4-Trimethylbenzene	12.63	105	1333884	63.45	ug/l	96
85) sec-Butylbenzene	12.77	105	105838	4.06	ug/l	95
86) p-Isopropyltoluene	12.89	119	80759	3.82	ug/l	95
87) 1,3-Dichlorobenzene	12.84	146	586952	45.48	ug/l	96
88) 1,4-Dichlorobenzene	12.93	146	1892936	150.21	ug/l	95
91) 1,2-Dichlorobenzene	13.21	146	6245807	568.71	ug/l	98
93) 1,2,4-Trichlorobenzene	14.34	180	48405	4.61	ug/l	93
95) Naphthalene	14.52	128	777486	56.19	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	16386	1.78	ug/l	88

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

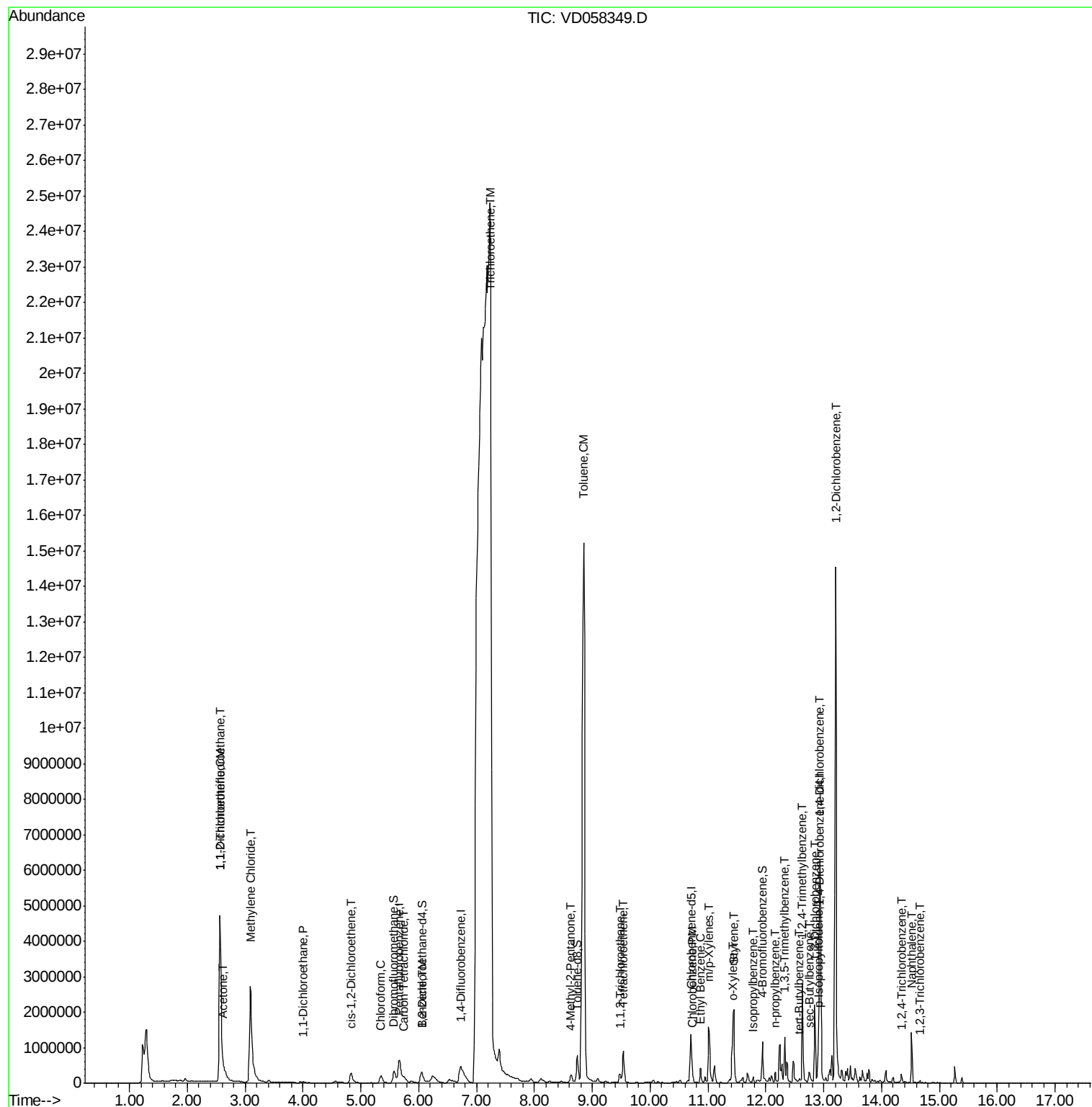
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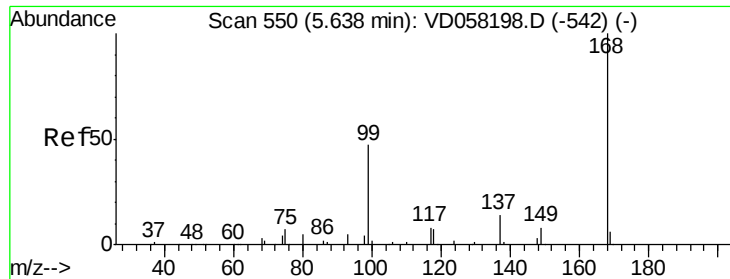
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 553

Delta R.T. 0.03 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-35-37-180619

Tot Ion:168 Resp: 827340

Ion Ratio Lower Upper

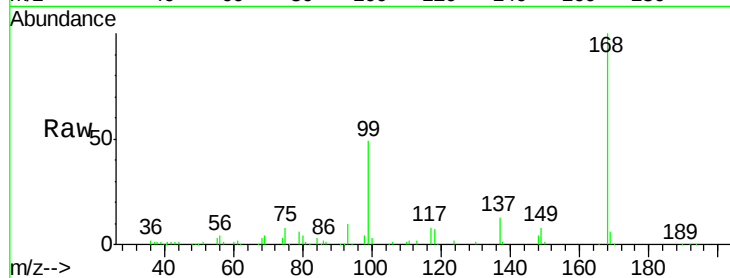
168 100

99 48.6 41.1 61.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

250000

200000

150000

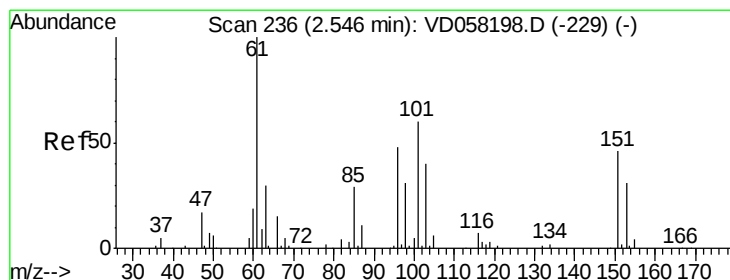
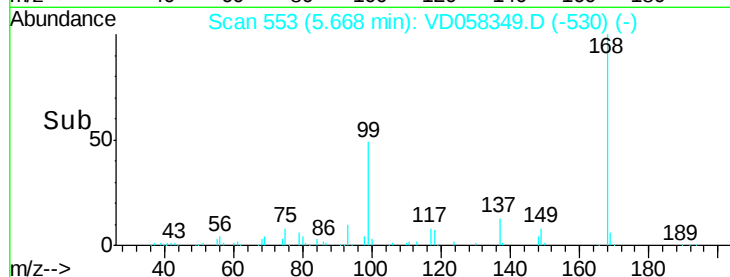
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.33 ug/l

RT: 2.58 min Scan# 239

Delta R.T. 0.03 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

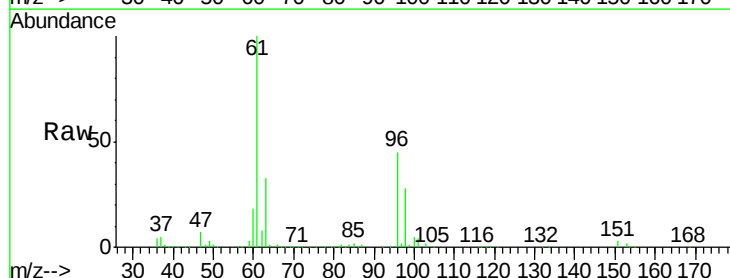
Tgt Ion:101 Resp: 152377

Ion Ratio Lower Upper

101 100

85 52.6 39.0 58.4

151 72.6 61.8 92.8



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): VDC

Ion 150.90 (150.60 to 151.60): V

60000

50000

40000

30000

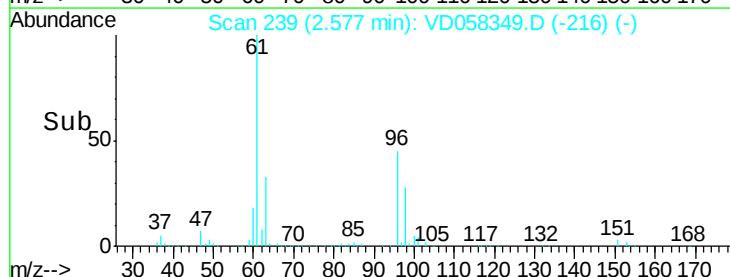
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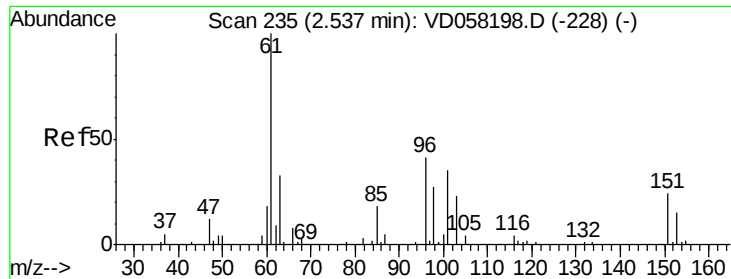
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0

2.50 2.60 2.70

Time-->





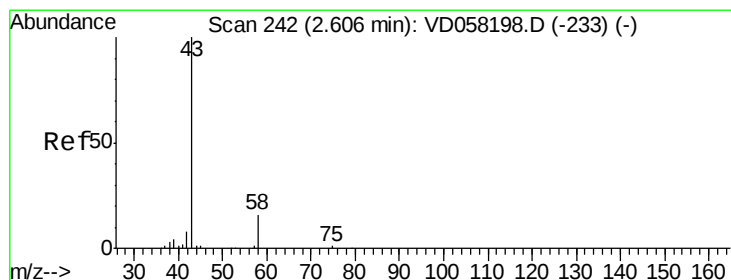
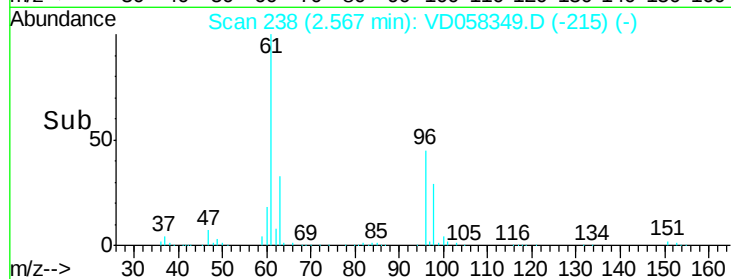
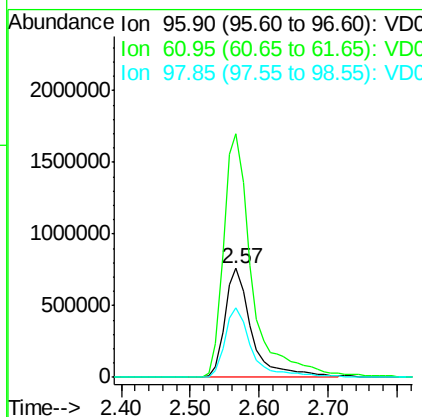
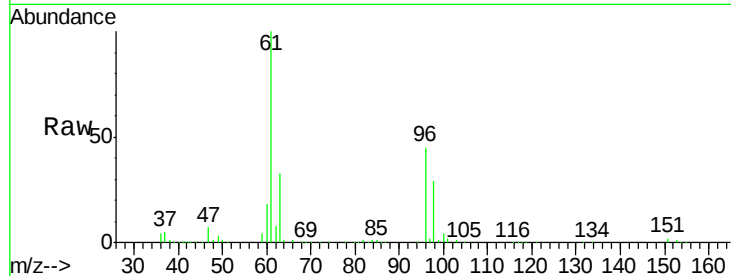
#12
 1,1-Dichloroethene
 Concen: 725.06 ug/l
 RT: 2.57 min Scan# 238
 Delta R.T. 0.03 min
 Lab File: VD058349.D
 Acq: 23 Jun 2018 19:07

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-35-37-180619

Tot Ion	Ratio	Lower	Upper
96	100		
61	223.6	193.9	290.9
98	63.9	51.7	77.5

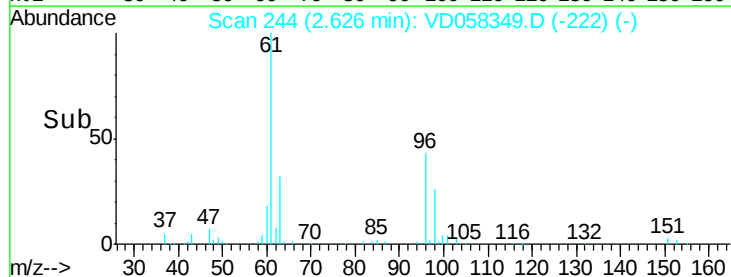
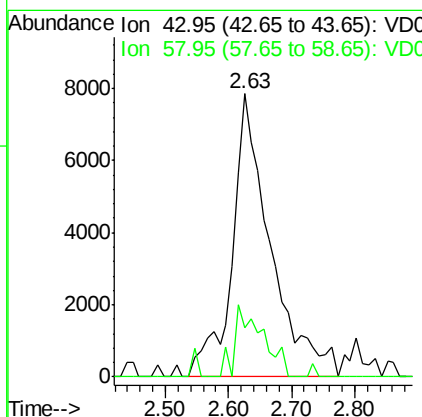
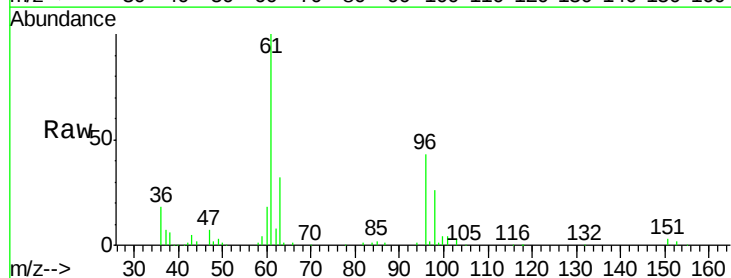
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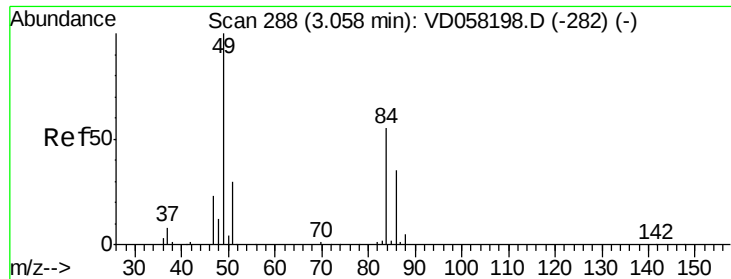
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#16
 Acetone
 Concen: 28.90 ug/l
 RT: 2.63 min Scan# 244
 Delta R.T. 0.02 min
 Lab File: VD058349.D
 Acq: 23 Jun 2018 19:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	17.5	12.7	19.1





#20

Methylene Chloride

Concen: 621.23 ug/l

RT: 3.09 min Scan# 291

Delta R.T. 0.03 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-35-37-180619

Tot Ion: 84 Resp: 1691031

Ion Ratio Lower Upper

84 100

49 174.1 145.0 217.6

51 52.3 42.9 64.3

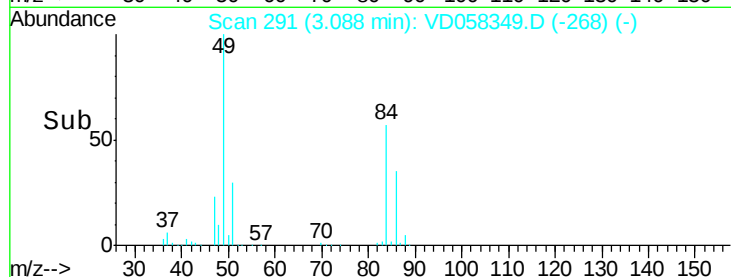
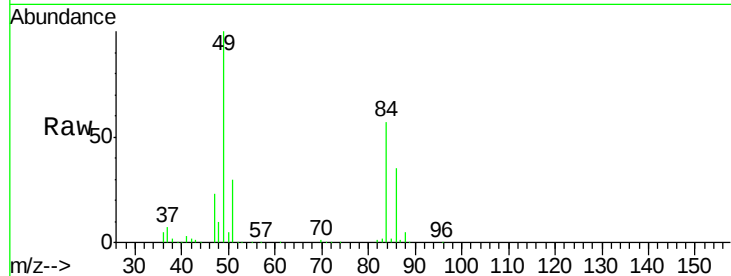
86 61.8 50.1 75.1

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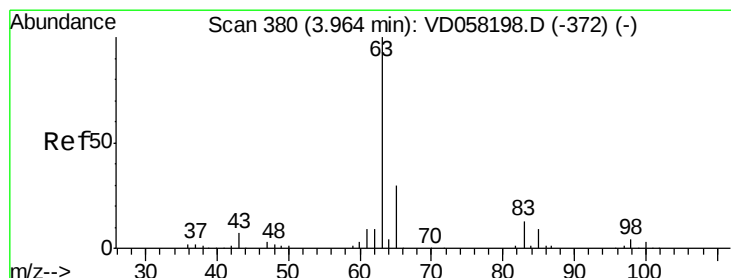
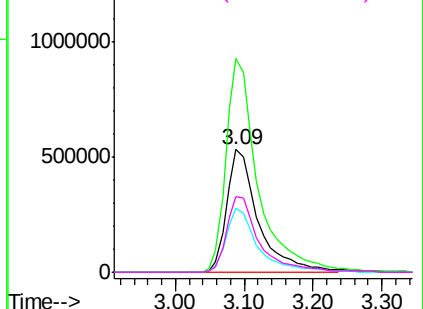


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#24

1,1-Dichloroethane

Concen: 3.93 ug/l

RT: 3.99 min Scan# 383

Delta R.T. 0.03 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

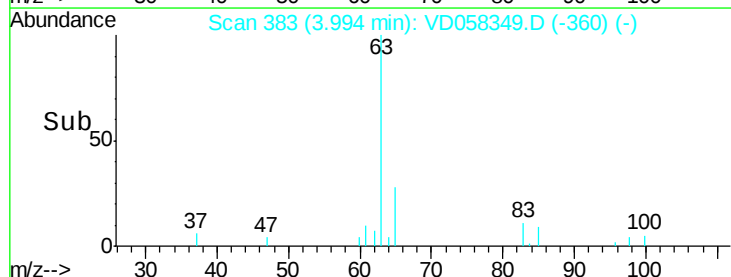
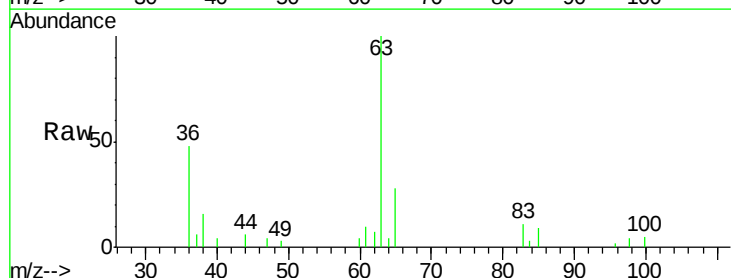
Tgt Ion: 63 Resp: 55574

Ion Ratio Lower Upper

63 100

98 4.5 1.9 5.7

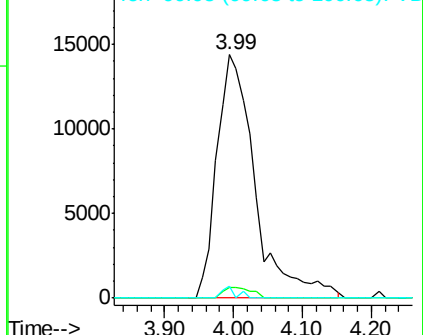
100 4.9 1.3 3.9#

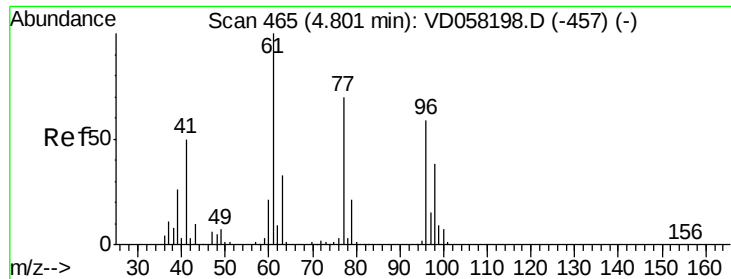


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#27

cis-1,2-Dichloroethene

Concen: 24.48 ug/l

RT: 4.83 min Scan# 468

Delta R.T. 0.03 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Instrument :

MSVOA_D

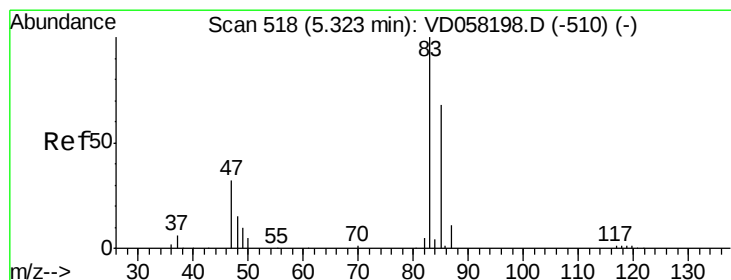
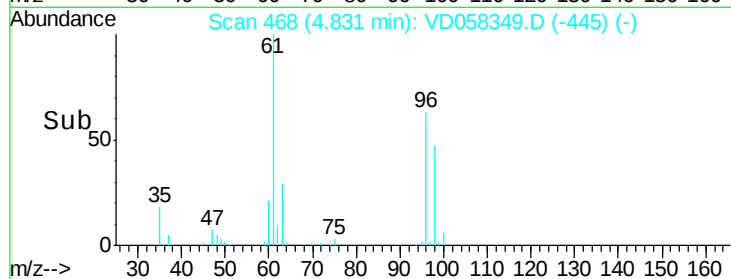
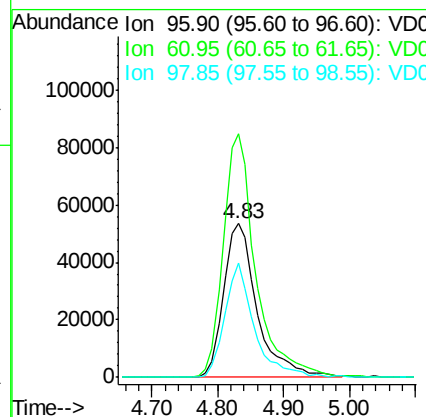
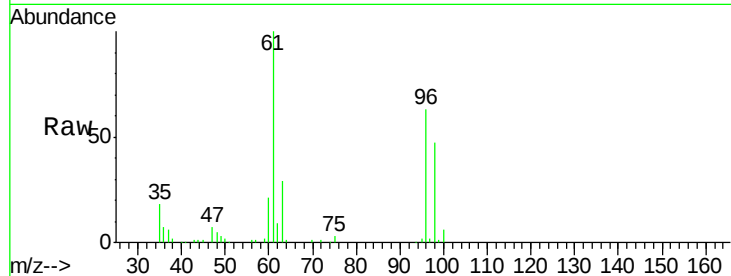
ClientSampleId :

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Tot Ion:	96	Resp:	190028
Ion Ratio	Lower	Upper	
96	100		
61	158.4	0.0	338.6
98	74.1	0.0	130.2

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#30

Chloroform

Concen: 18.03 ug/l

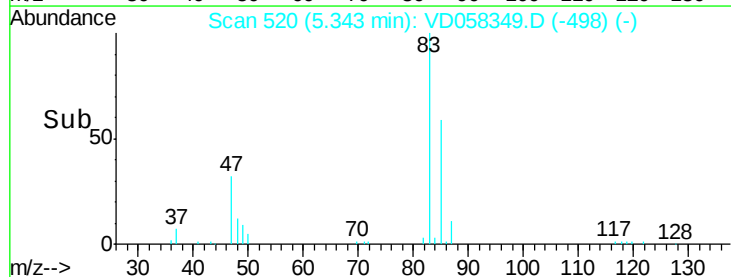
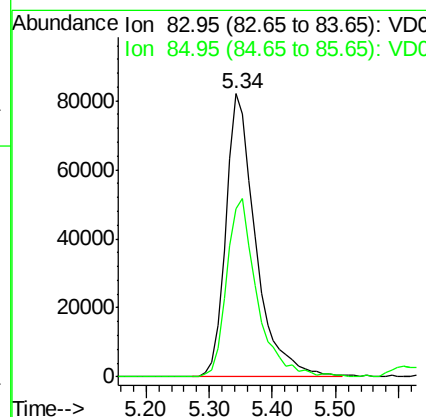
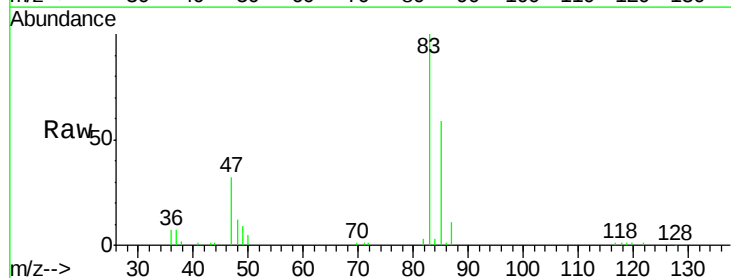
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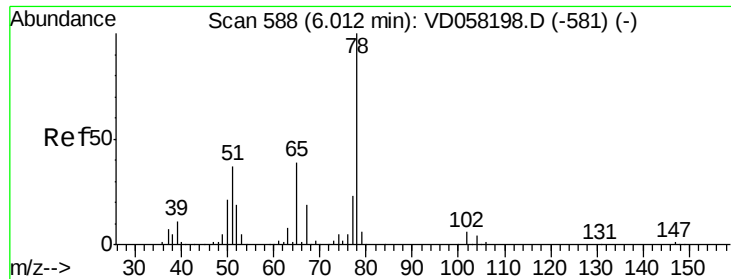
Delta R.T. 0.02 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Tgt Ion:	83	Resp:	269399
Ion Ratio	Lower	Upper	
83	100		
85	59.5	54.8	82.2





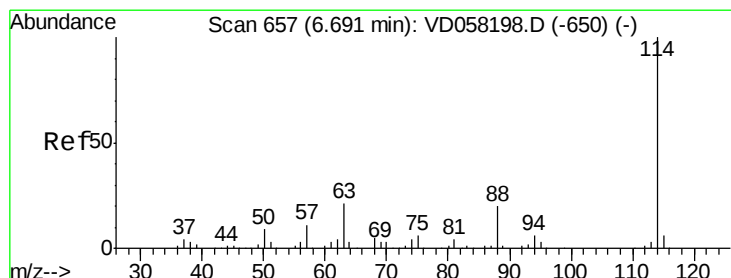
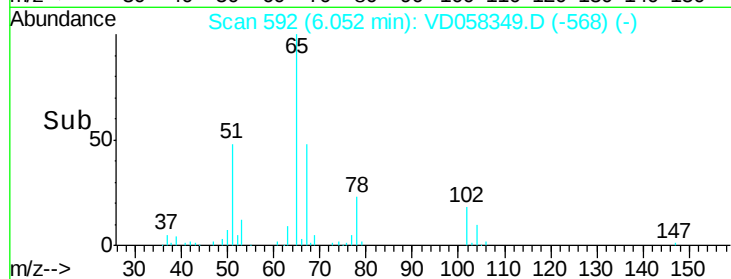
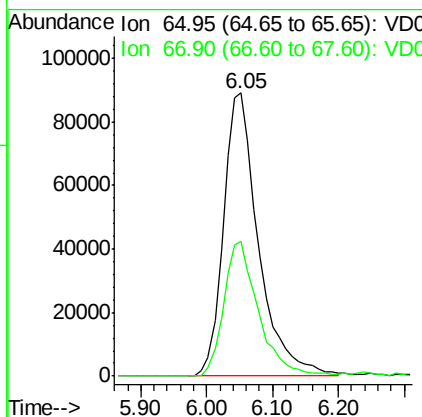
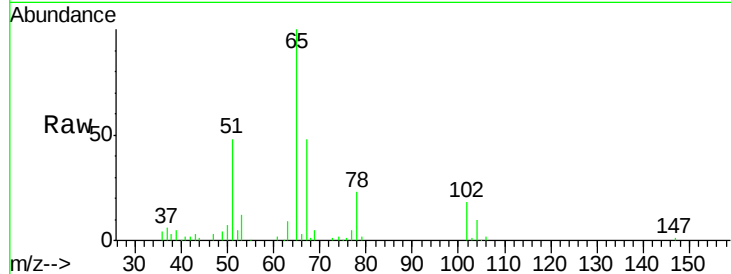
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.05 min Scan# 592
 Delta R.T. 0.04 min
 Lab File: VD058349.D
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 WP021SB471-35-37-180619

Tot Ion: 65 Resp: 330840
 Ion Ratio Lower Upper
 65 100
 67 47.7 0.0 97.8

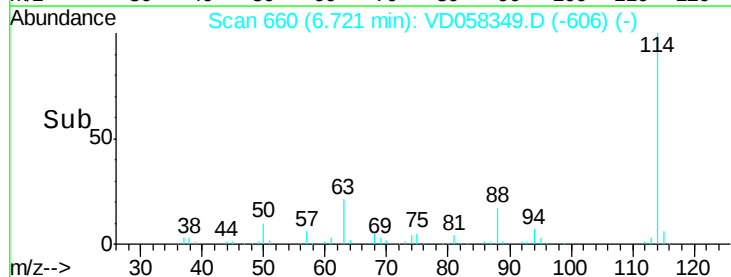
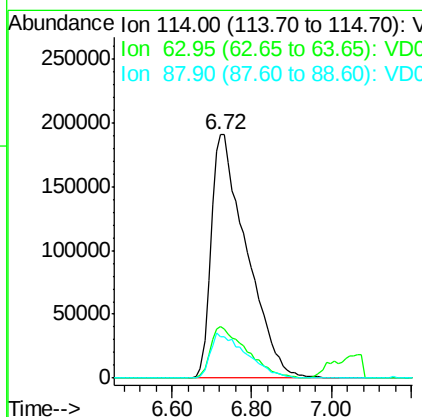
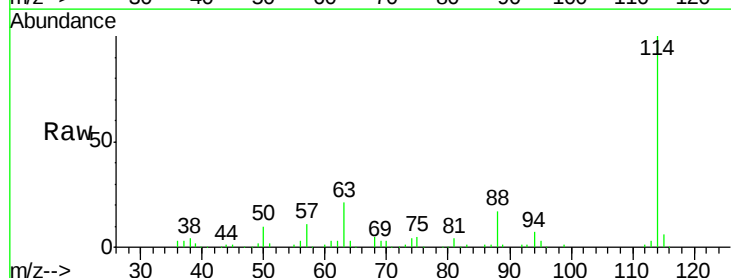
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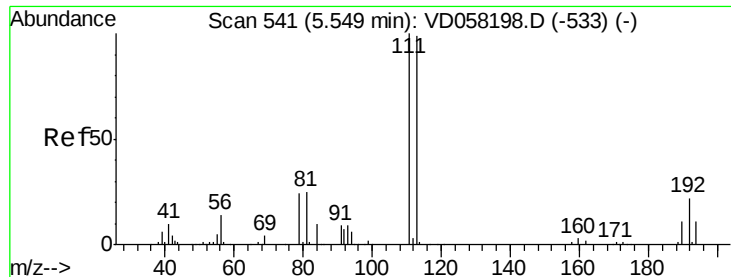
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.72 min Scan# 660
 Delta R.T. 0.03 min
 Lab File: VD058349.D
 Acq: 23 Jun 2018 19:07

Tgt Ion: 114 Resp: 1188067
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.6
 88 17.0 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.57 min Scan# 543

Delta R.T. 0.02 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Instrument :

MSVOA_D

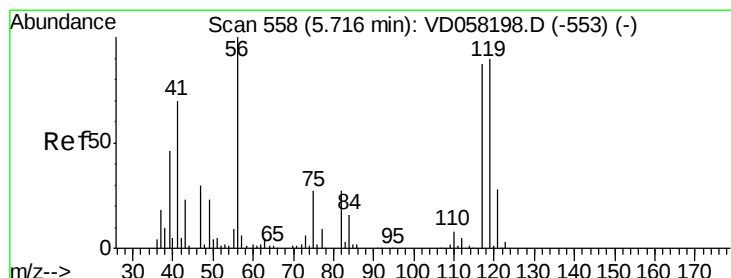
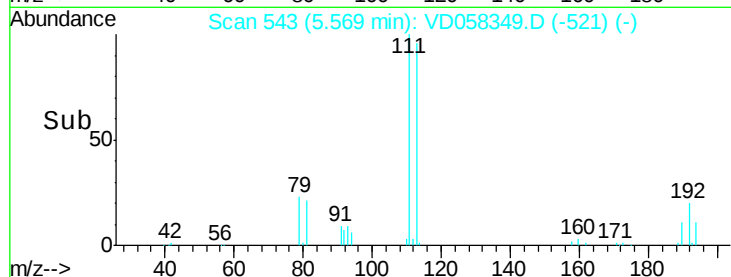
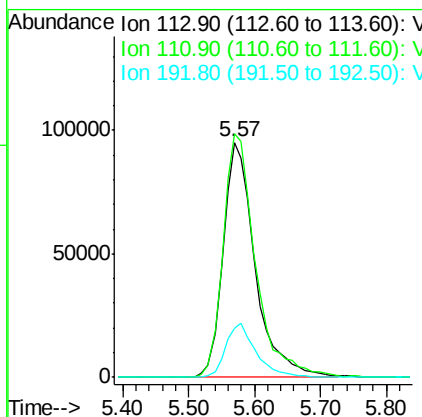
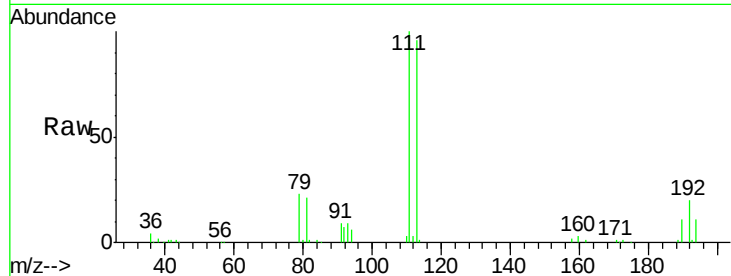
ClientSampleId :

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Tot Ion:	113	Resp:	324107
Ion Ratio	Lower	Upper	
113	100		
111	103.7	80.6	121.0
192	20.7	17.8	26.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 8.44 ug/l

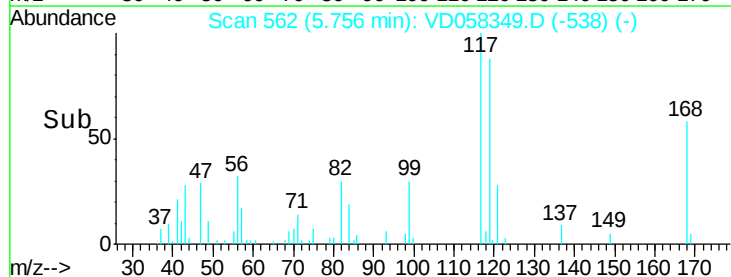
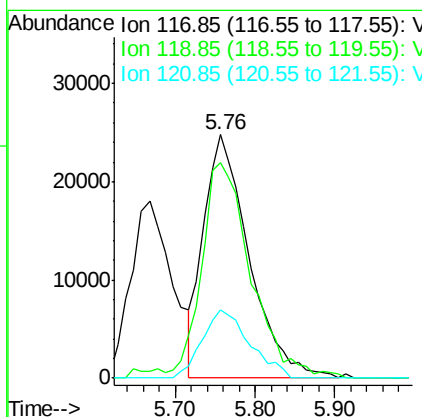
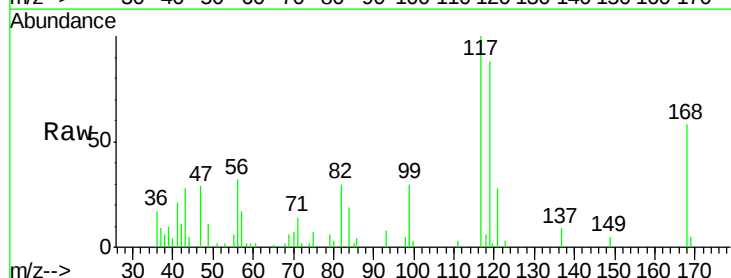
RT: 5.76 min Scan# 562

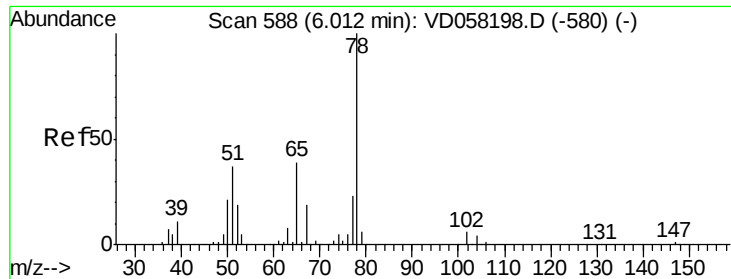
Delta R.T. 0.04 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Tgt Ion:	117	Resp:	98562
Ion Ratio	Lower	Upper	
117	100		
119	88.3	78.8	118.2
121	28.3	25.0	37.6





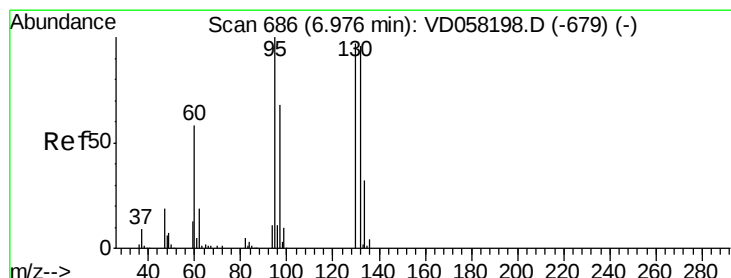
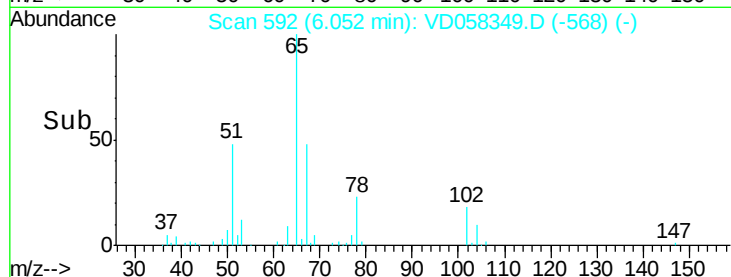
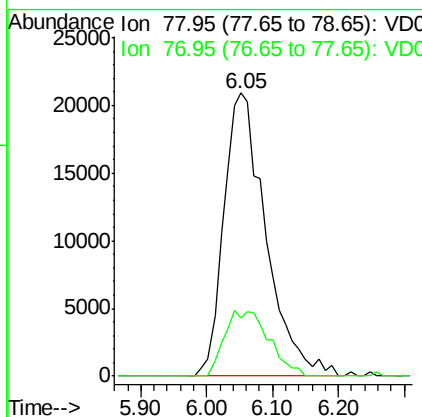
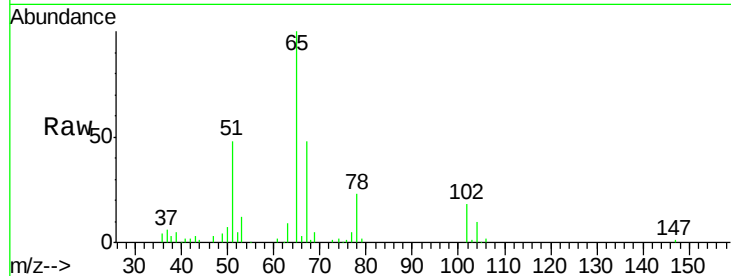
#40
Benzene
Concen: 3.33 ug/l
RT: 6.05 min Scan# 592
Delta R.T. 0.04 min
Lab File: VD058349.D
Acq: 23 Jun 2018 19:07

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-35-37-180619

Tot Ion: 78 Resp: 93255
Ion Ratio Lower Upper
78 100
77 20.5 18.5 27.7

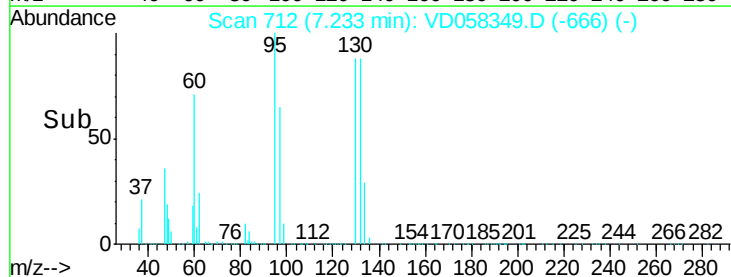
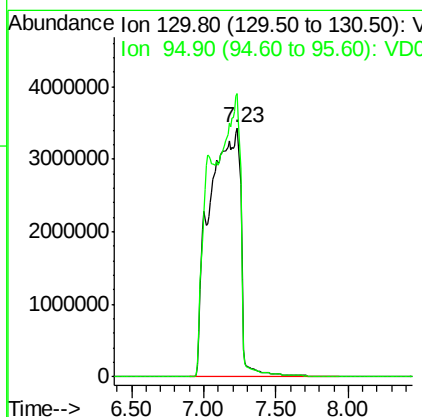
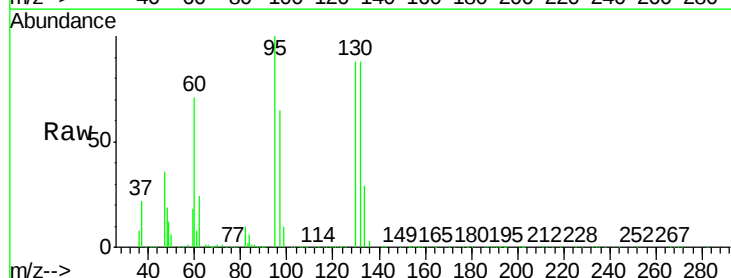
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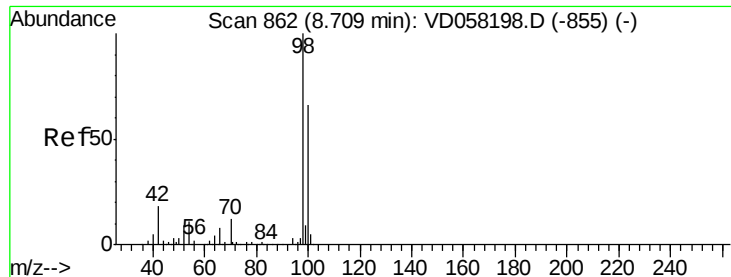
apatel
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#44
Trichloroethene
Concen: 6048.56 ug/l m
RT: 7.23 min Scan# 712
Delta R.T. 0.26 min
Lab File: VD058349.D
Acq: 23 Jun 2018 19:07

Tgt Ion:130 Resp:50849868
Ion Ratio Lower Upper
130 100
95 113.5 0.0 205.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.74 min Scan# 865

Delta R.T. 0.03 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-35-37-180619

Tot Ion: 98 Resp: 604379

Ion Ratio Lower Upper

98 100

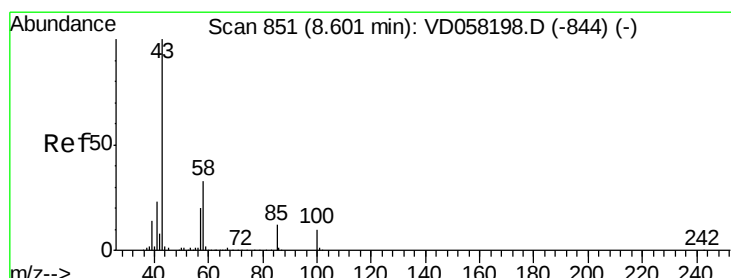
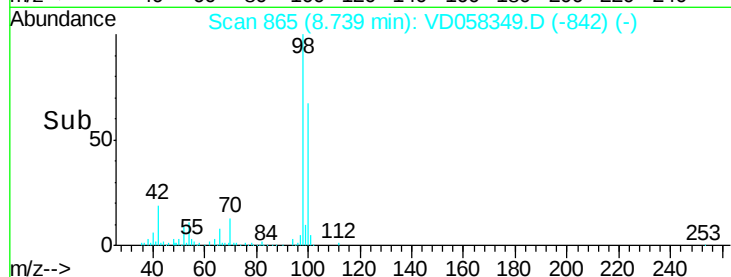
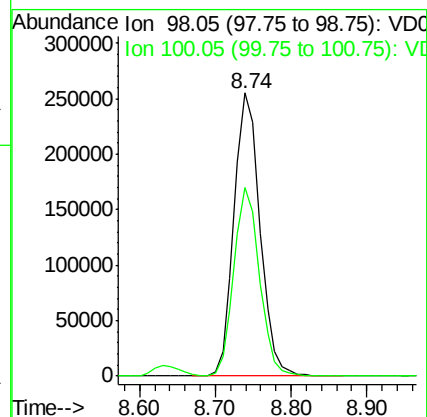
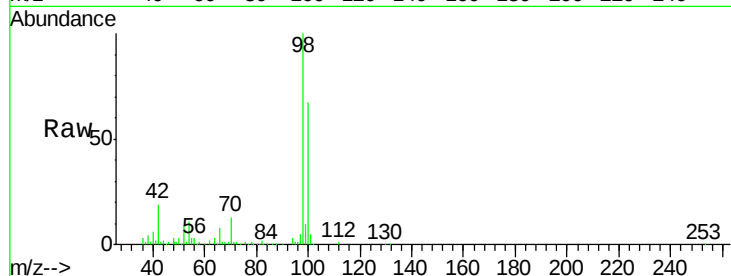
100 66.7 53.6 80.4

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#51

4-Methyl-2-Pentanone

Concen: 39.62 ug/l

RT: 8.63 min Scan# 854

Delta R.T. 0.03 min

Lab File: VD058349.D

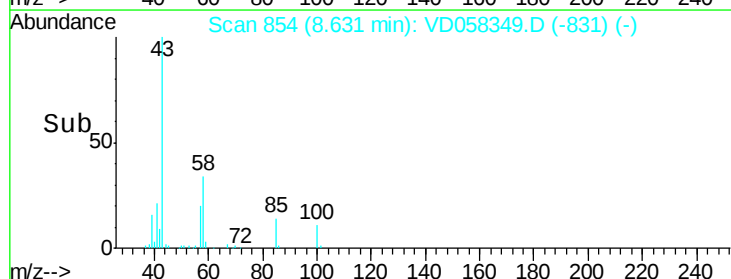
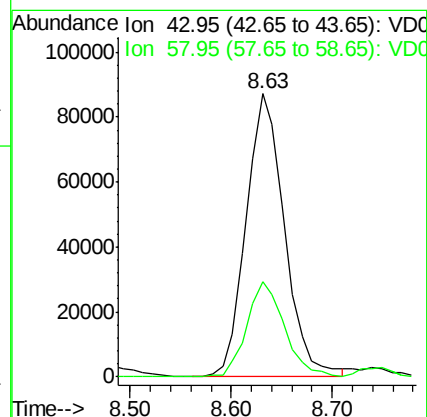
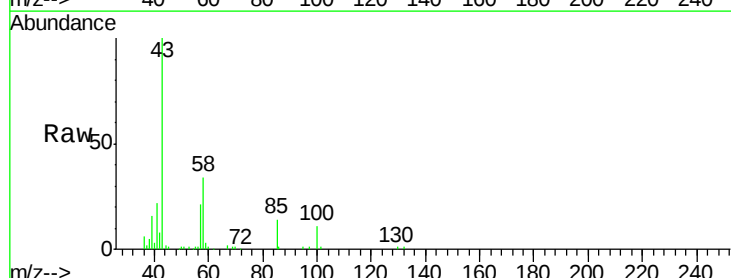
Acq: 23 Jun 2018 19:07

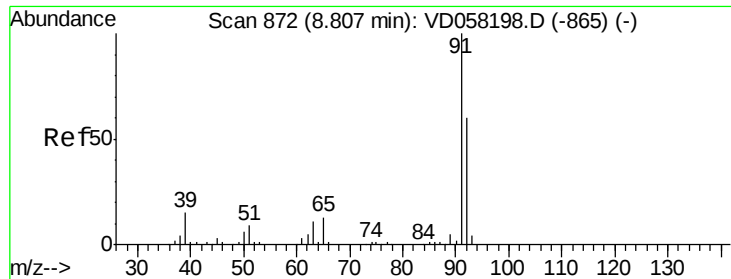
Tgt Ion: 43 Resp: 230717

Ion Ratio Lower Upper

43 100

58 33.9 26.7 40.1





#52

Toluene

Concen: 647.61 ug/l

RT: 8.85 min Scan# 876

Delta R.T. 0.04 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-35-37-180619

Tot Ion: 92 Resp:10324157

Ion Ratio Lower Upper

92 100

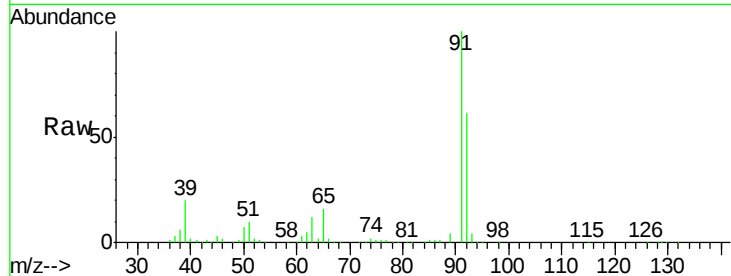
91 164.6 133.2 199.8

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Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

6000000

5000000

4000000

3000000

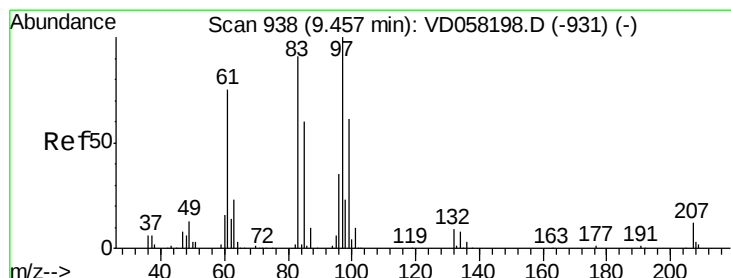
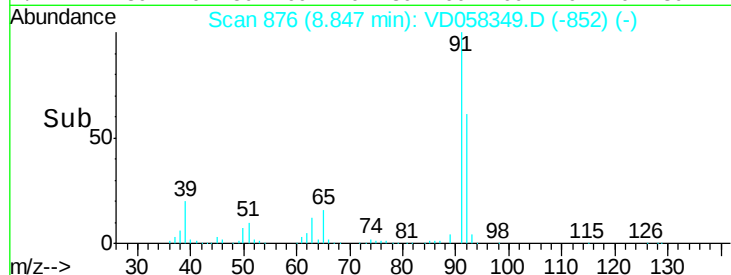
2000000

1000000

0

8.70 8.80 8.90 9.00

Time-->



#55

1,1,2-Trichloroethane

Concen: 16.35 ug/l

RT: 9.48 min Scan# 940

Delta R.T. 0.02 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Tgt Ion: 97 Resp: 92209

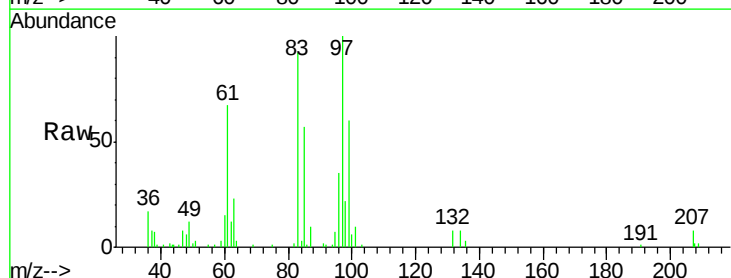
Ion Ratio Lower Upper

97 100

83 92.3 72.9 109.3

85 56.8 48.2 72.4

99 60.2 48.9 73.3



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

60000

50000

40000

30000

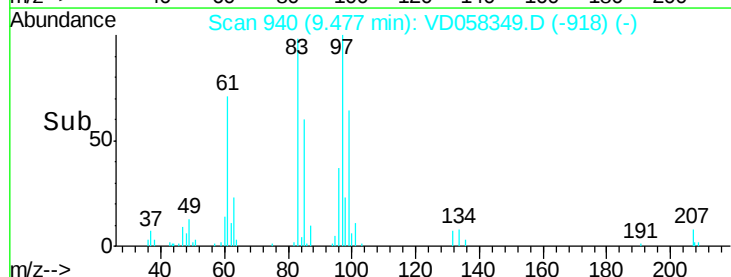
20000

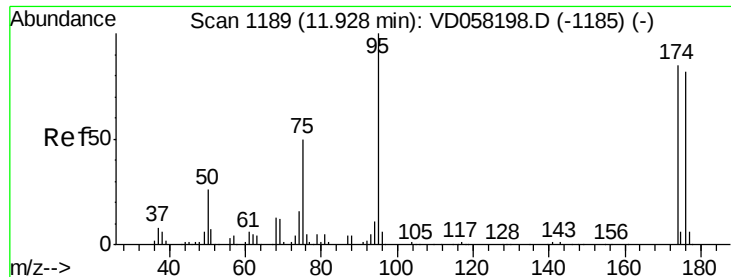
10000

0

9.40 9.50 9.60

Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Instrument :

MSVOA_D

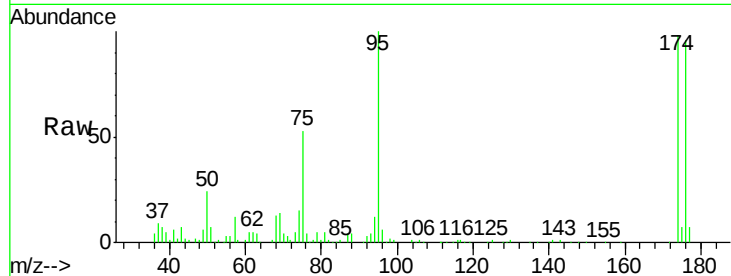
ClientSampleId :

WP021SB471-35-37-180619

Tot Ion:	95	Resp:	260506
Ion Ratio	Lower	Upper	
95	100		
174	98.0	0.0	170.2
176	95.9	0.0	164.6

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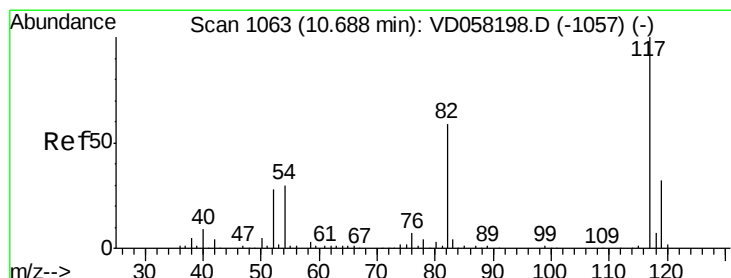
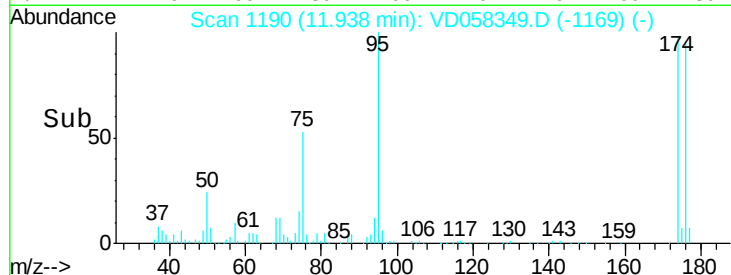
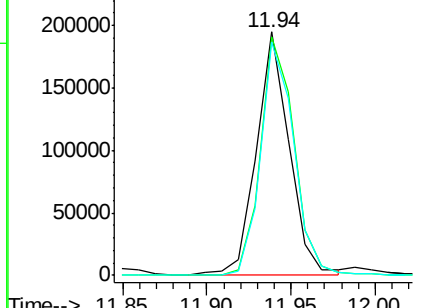
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Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.71 min Scan# 1065

Delta R.T. 0.02 min

Lab File: VD058349.D

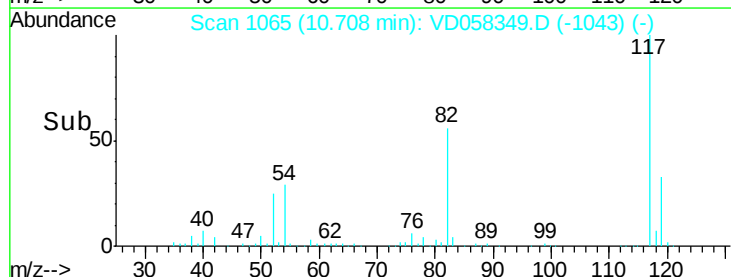
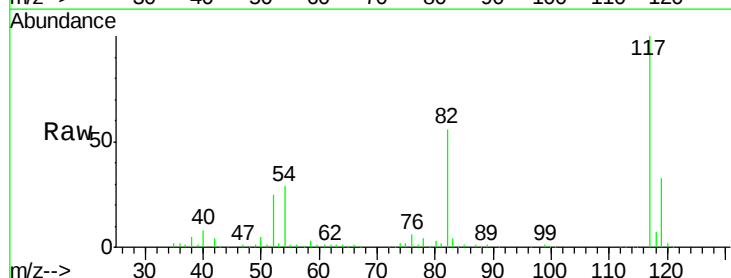
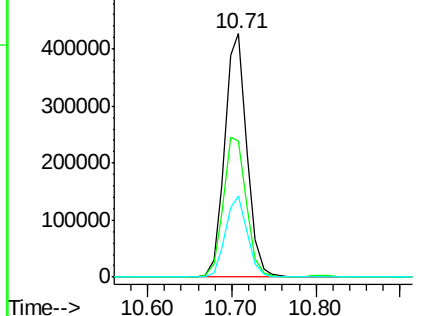
Acq: 23 Jun 2018 19:07

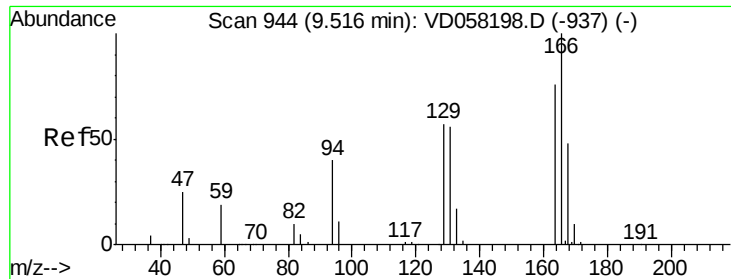
Tgt Ion:	117	Resp:	776056
Ion Ratio	Lower	Upper	
117	100		
82	56.1	47.0	70.6
119	33.5	25.3	37.9

Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#64

Tetrachloroethene

Concen: 39.90 ug/l

RT: 9.54 min Scan# 946

Delta R.T. 0.02 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-35-37-180619

Tot Ion:164 Resp: 260568

Ion Ratio Lower Upper

164 100

166 128.7 105.4 158.0

129 77.5 59.6 89.4

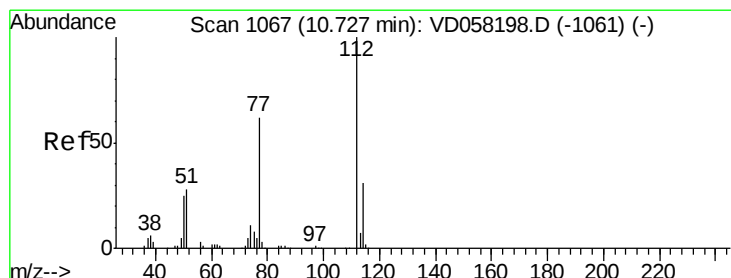
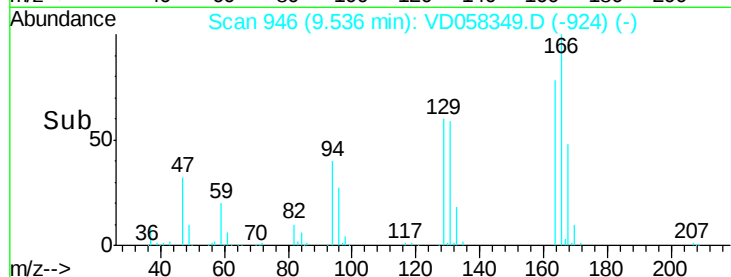
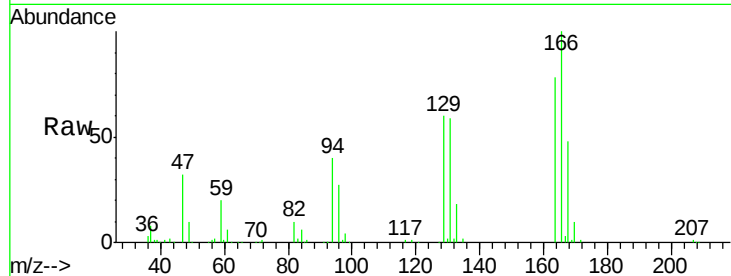
131 75.8 59.4 89.2

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#65

Chlorobenzene

Concen: 5.60 ug/l

RT: 10.74 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VD058349.D

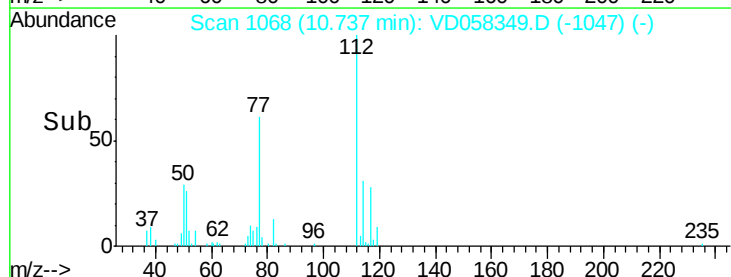
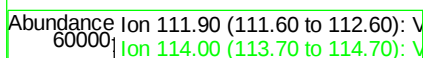
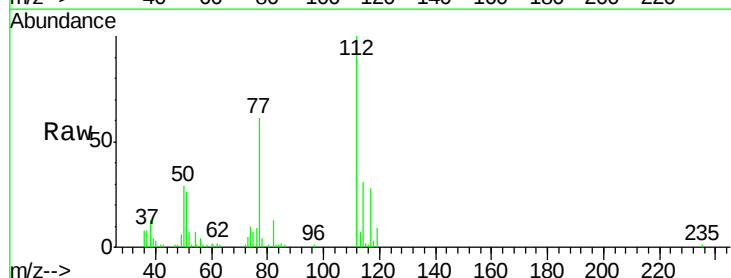
Acq: 23 Jun 2018 19:07

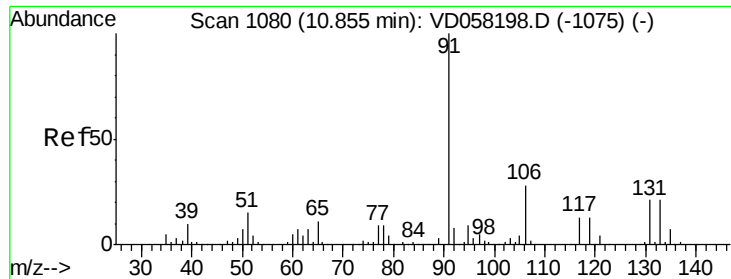
Tgt Ion:112 Resp: 81291

Ion Ratio Lower Upper

112 100

114 31.4 25.0 37.4





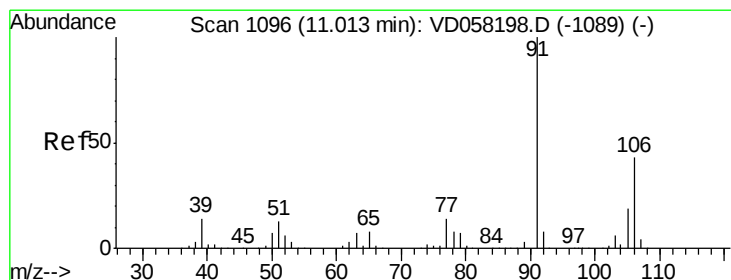
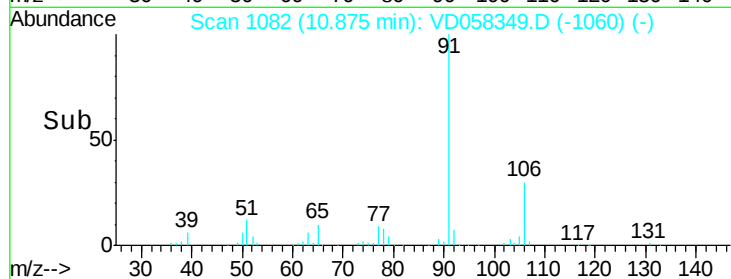
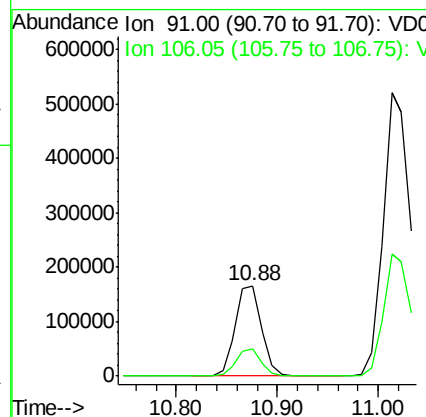
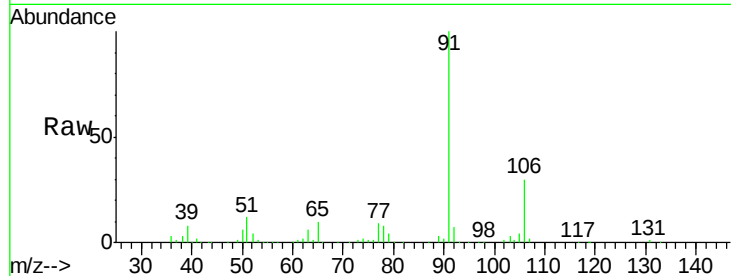
#67
Ethyl Benzene
Concen: 11.74 ug/l
RT: 10.88 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VD058349.D
Acq: 23 Jun 2018 19:07

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-35-37-180619

Tot Ion: 91 Resp: 300765
Ion Ratio Lower Upper
91 100
106 29.7 22.0 33.0

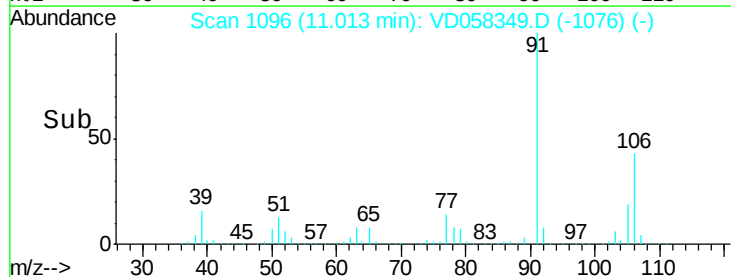
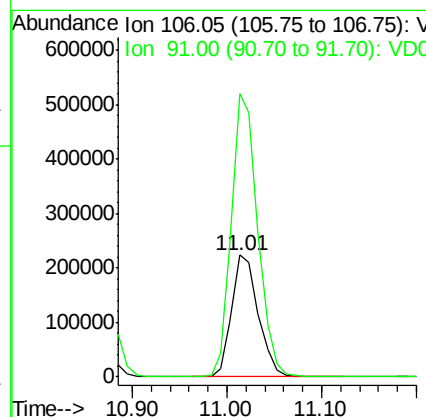
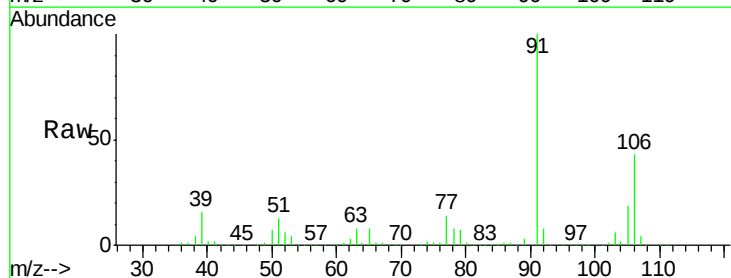
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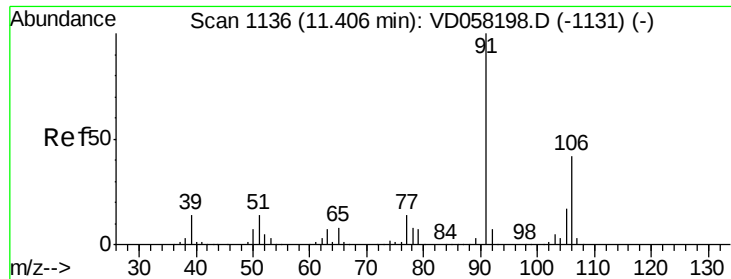
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#68
m/p-Xylenes
Concen: 50.94 ug/l
RT: 11.01 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VD058349.D
Acq: 23 Jun 2018 19:07

Tgt Ion: 106 Resp: 435379
Ion Ratio Lower Upper
106 100
91 232.3 185.0 277.6





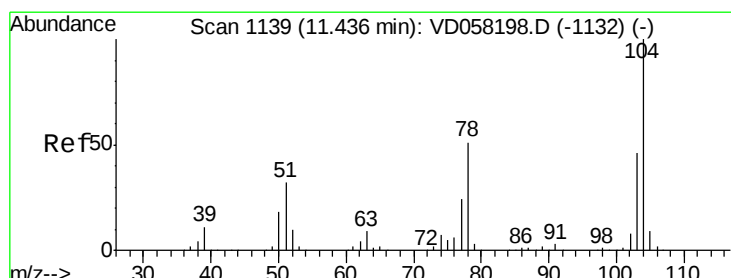
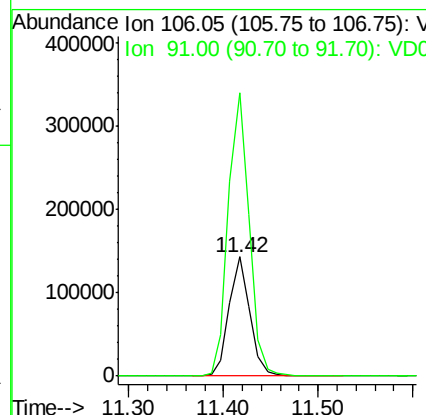
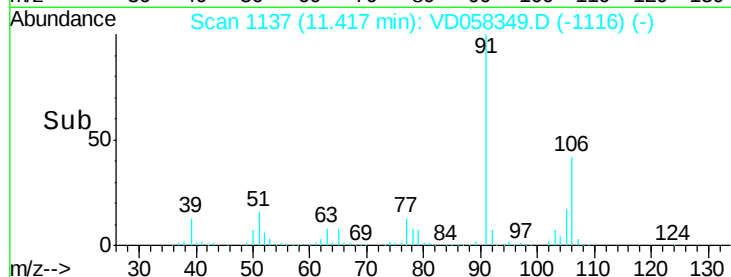
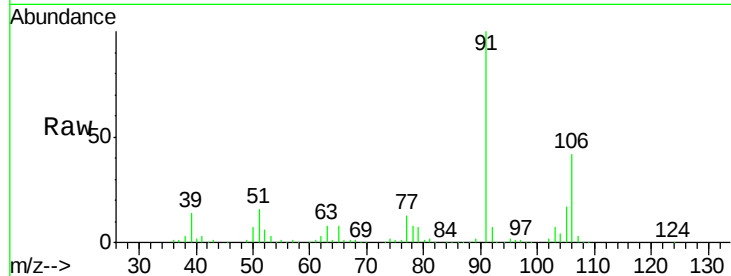
#69
o-Xylene
Concen: 26.55 ug/l
RT: 11.42 min Scan# 1137
Delta R.T. 0.01 min
Lab File: VD058349.D
Acq: 23 Jun 2018 19:07

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-35-37-180619

Tot Ion:106 Resp: 216680
Ion Ratio Lower Upper
106 100
91 237.6 120.2 360.6

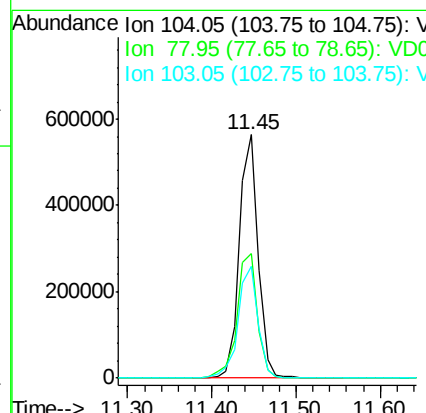
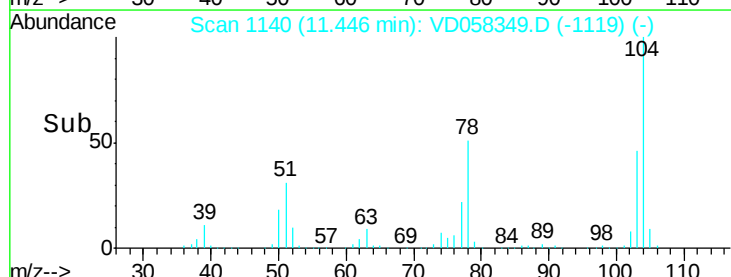
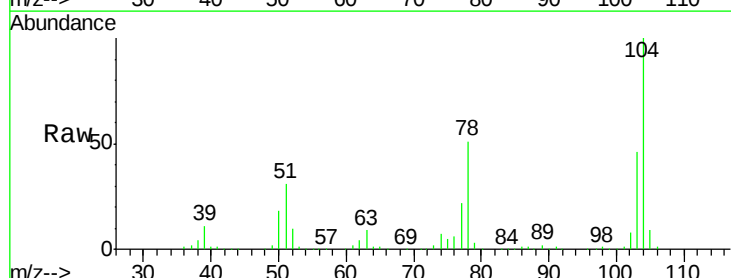
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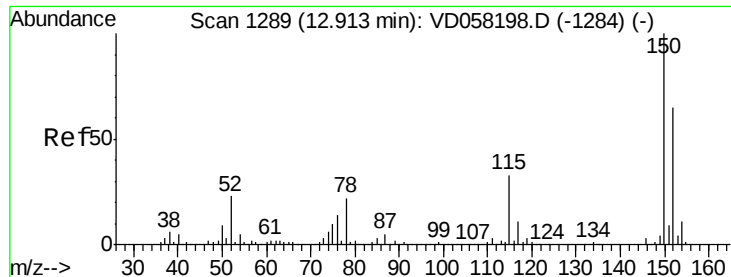
apatel
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#70
Styrene
Concen: 62.61 ug/l
RT: 11.45 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VD058349.D
Acq: 23 Jun 2018 19:07

Tgt Ion:104 Resp: 872071
Ion Ratio Lower Upper
104 100
78 51.0 40.8 61.2
103 46.1 37.0 55.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Instrument :

MSVOA_D

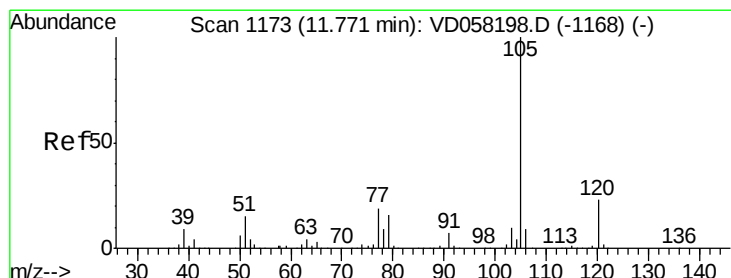
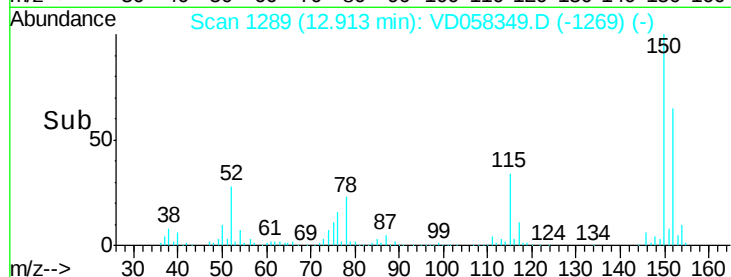
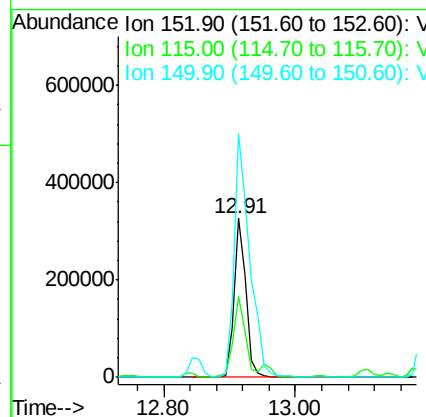
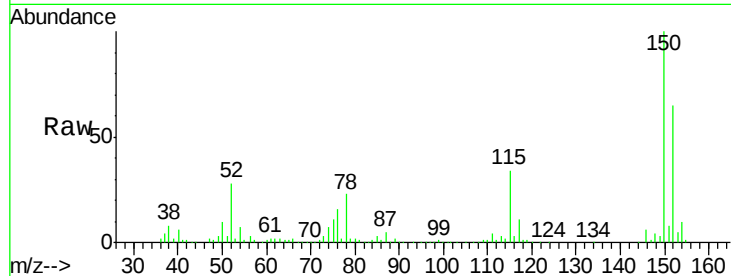
ClientSampleId :

WP021SB471-35-37-180619

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.3	25.1	75.3
150	153.1	0.0	308.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 3.16 ug/l

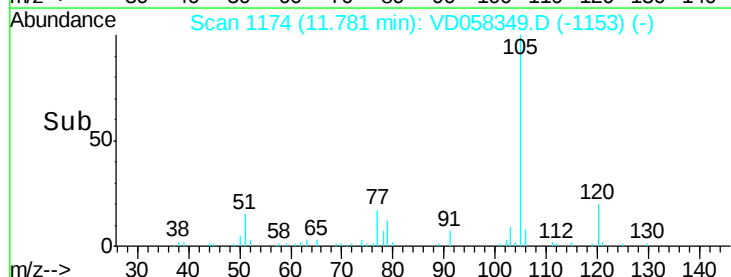
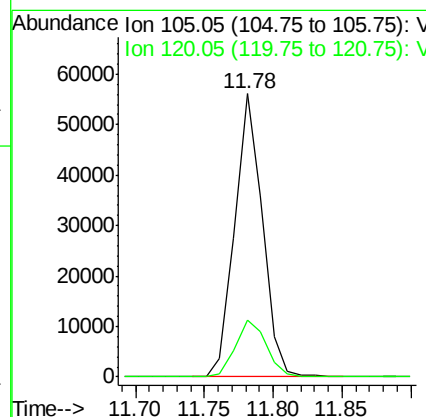
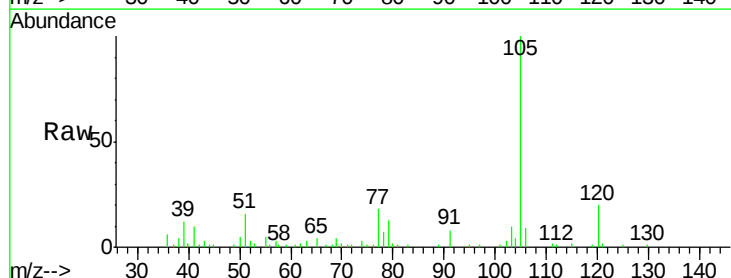
RT: 11.78 min Scan# 1174

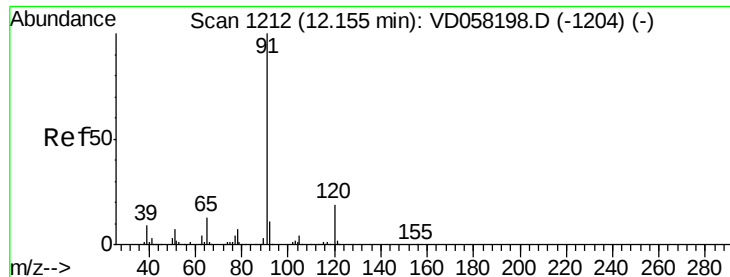
Delta R.T. 0.01 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	20.0	11.6	34.8





#78

n-propylbenzene

Concen: 6.30 ug/l

RT: 12.16 min Scan# 1213

Delta R.T. 0.01 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-35-37-180619

Tot Ion: 91 Resp: 201768

Ion Ratio Lower Upper

91 100

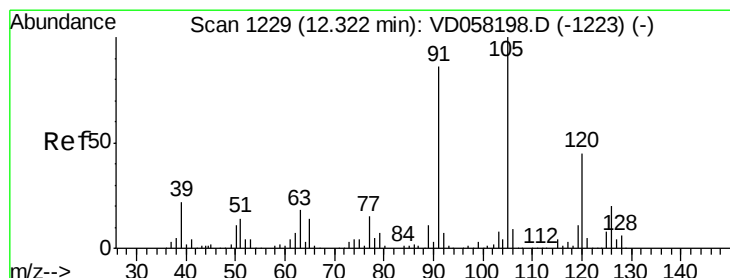
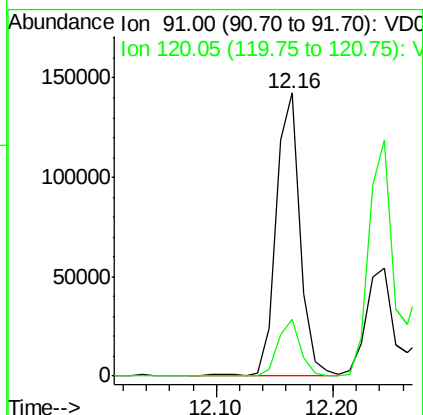
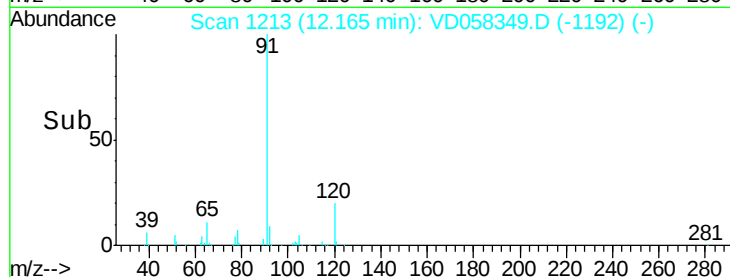
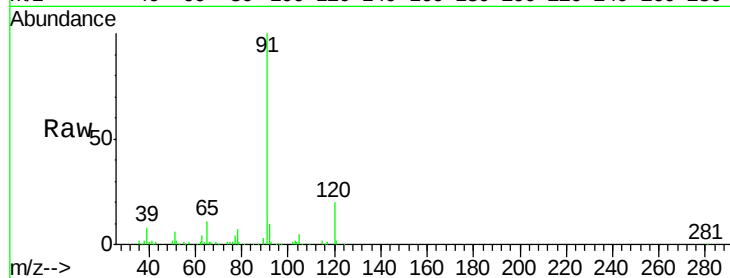
120 20.1 9.7 29.1

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#80

1,3,5-Trimethylbenzene

Concen: 29.22 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VD058349.D

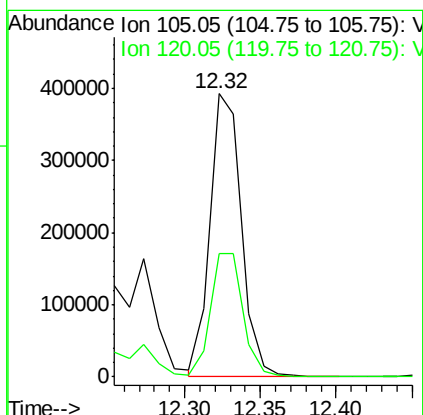
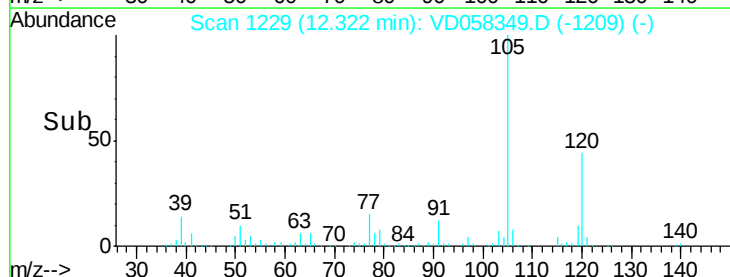
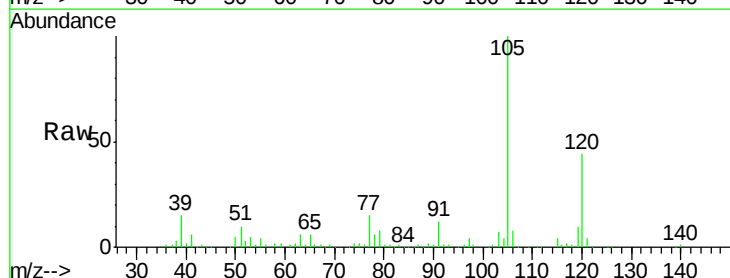
Acq: 23 Jun 2018 19:07

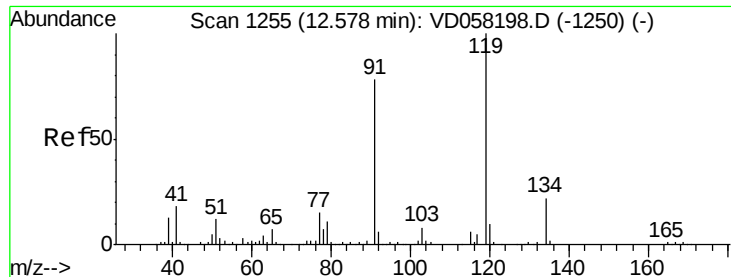
Tgt Ion: 105 Resp: 565174

Ion Ratio Lower Upper

105 100

120 43.7 22.5 67.5





#83

tert-Butylbenzene

Concen: 1.39 ug/l

RT: 12.58 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Instrument :

MSVOA_D

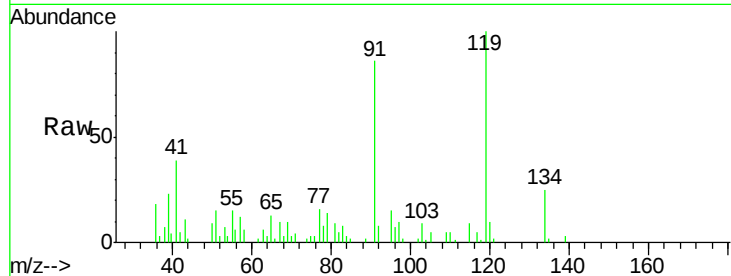
ClientSampleId :

WP021SB471-35-37-180619

Tot Ion:	119	Resp:	30918
Ion	Ratio	Lower	Upper
119	100		
91	86.3	38.9	116.6
134	24.9	11.2	33.5

Manual Integrations
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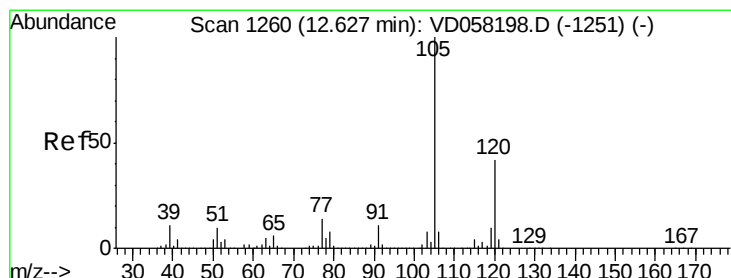
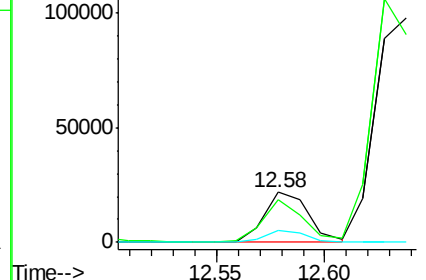
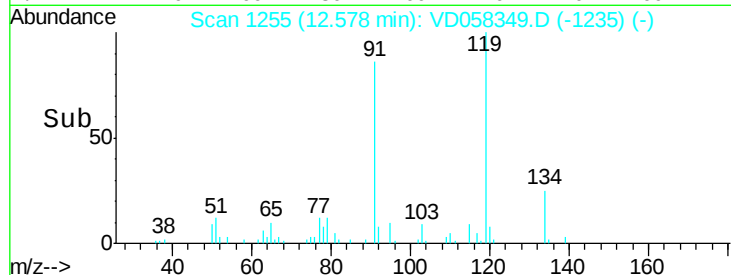
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Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 63.45 ug/l

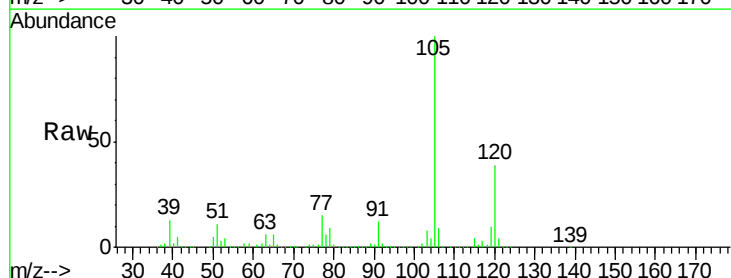
RT: 12.63 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VD058349.D

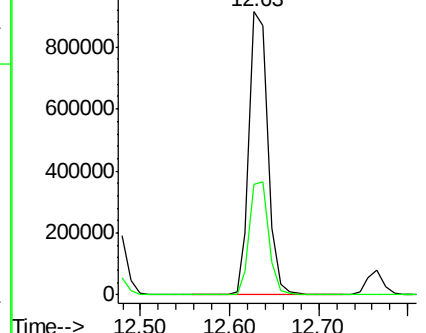
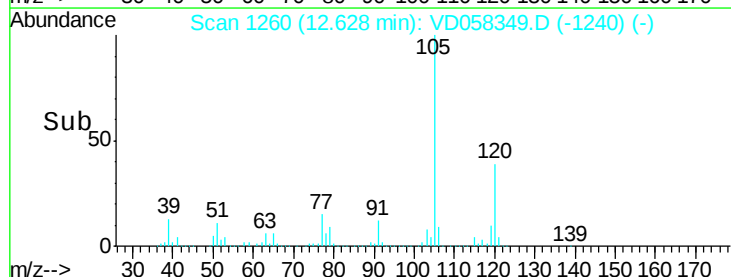
Acq: 23 Jun 2018 19:07

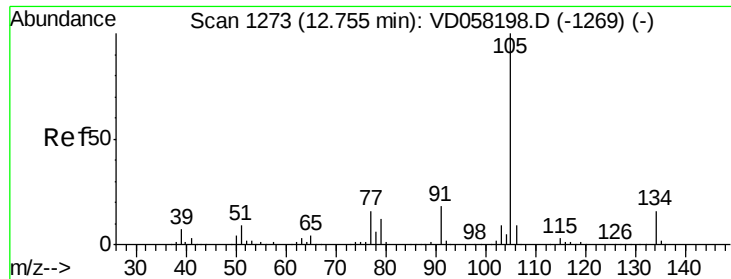
Tgt Ion:	105	Resp:	1333884
Ion	Ratio	Lower	Upper
105	100		
120	39.2	20.8	62.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





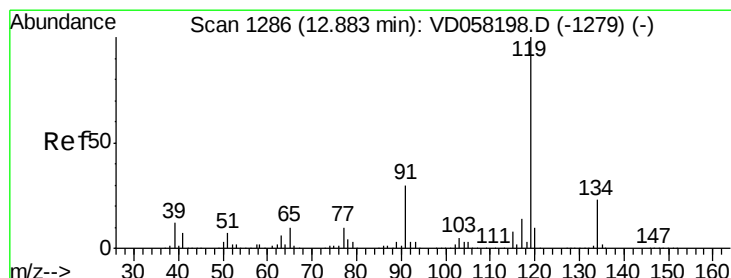
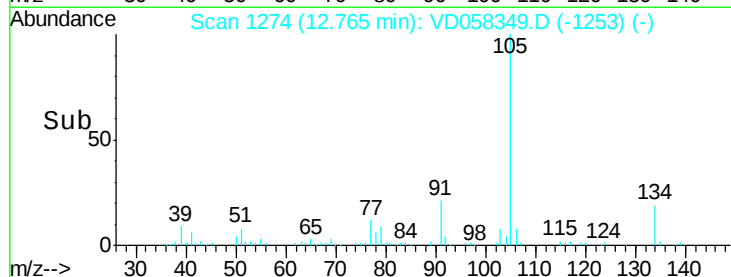
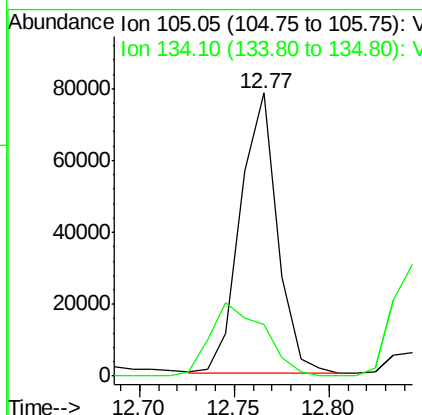
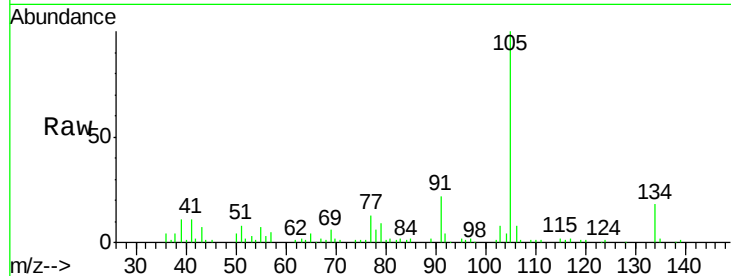
#85
 sec-Butylbenzene
 Concen: 4.06 ug/l
 RT: 12.77 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: VD058349.D
 Acq: 23 Jun 2018 19:07

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-35-37-180619

Tot Ion:105 Resp: 105838
 Ion Ratio Lower Upper
 105 100
 134 18.4 8.1 24.3

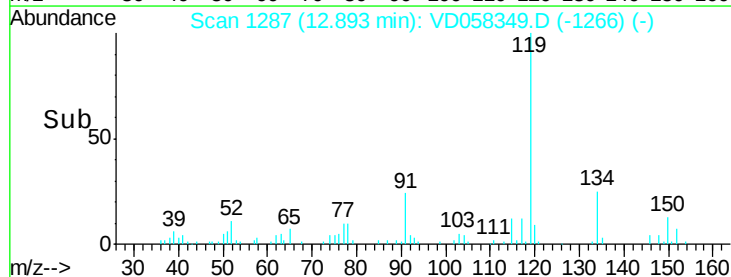
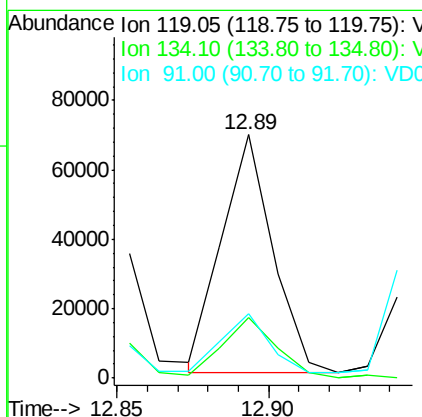
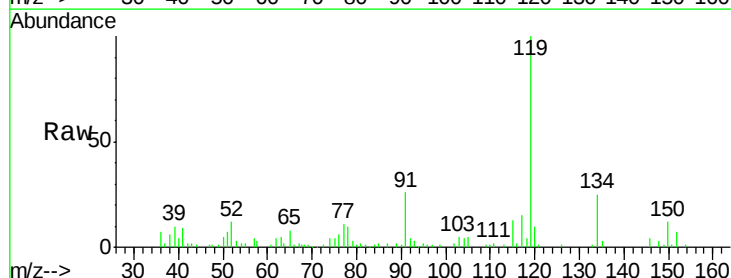
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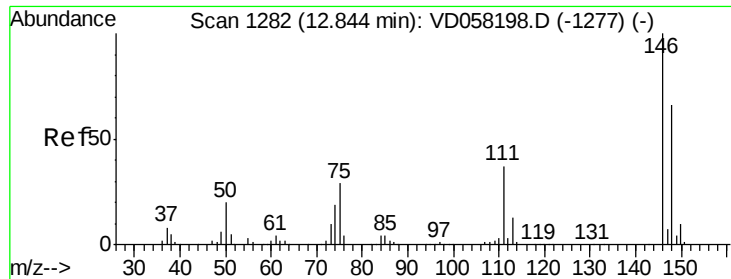
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#86
 p-Isopropyltoluene
 Concen: 3.82 ug/l
 RT: 12.89 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: VD058349.D
 Acq: 23 Jun 2018 19:07

Tgt Ion:119 Resp: 80759
 Ion Ratio Lower Upper
 119 100
 134 24.6 11.6 34.8
 91 26.3 15.0 45.1





#87

1,3-Dichlorobenzene

Concen: 45.48 ug/l

RT: 12.84 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Instrument :

MSVOA_D

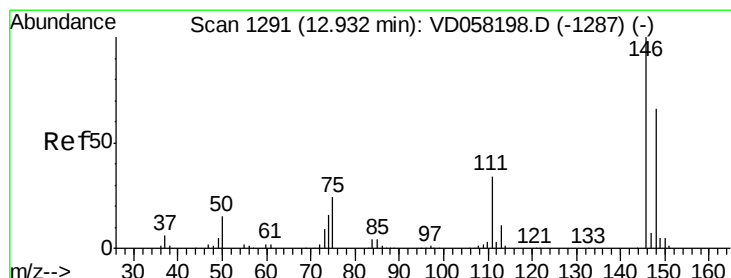
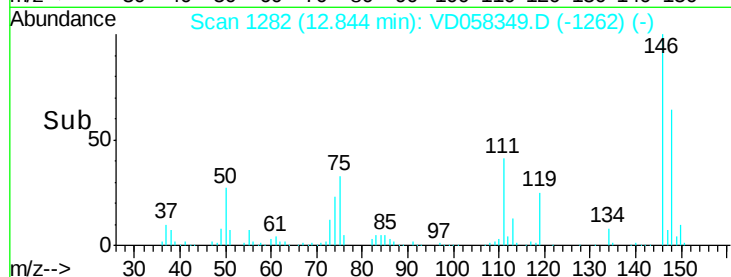
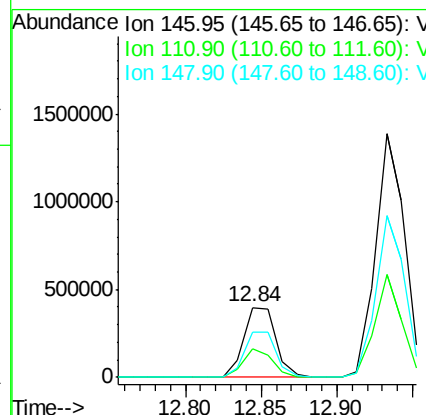
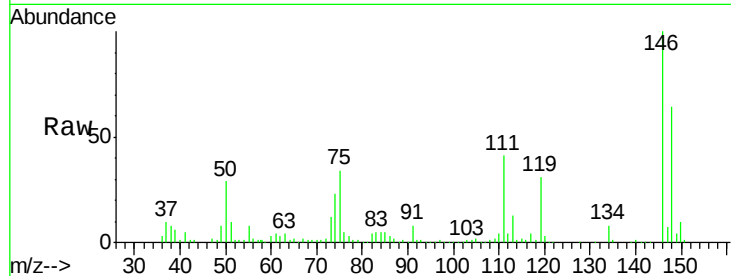
ClientSampleId :

WP021SB471-35-37-180619

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	18.4	55.0
148	64.1	32.8	98.4

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#88

1,4-Dichlorobenzene

Concen: 150.21 ug/l

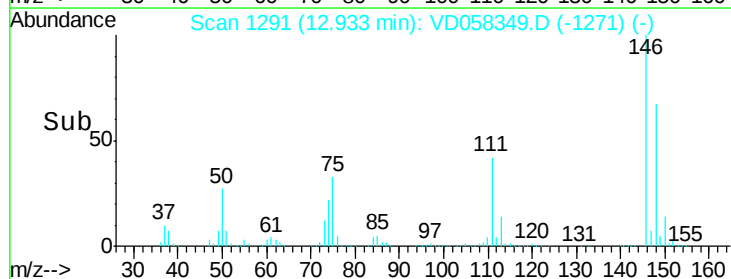
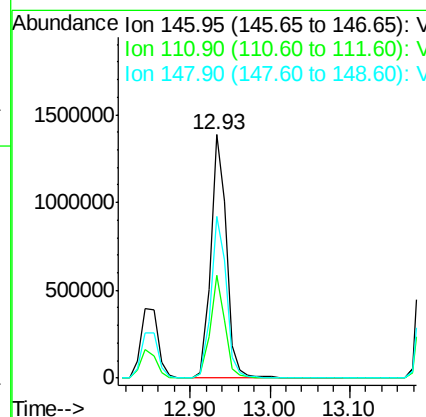
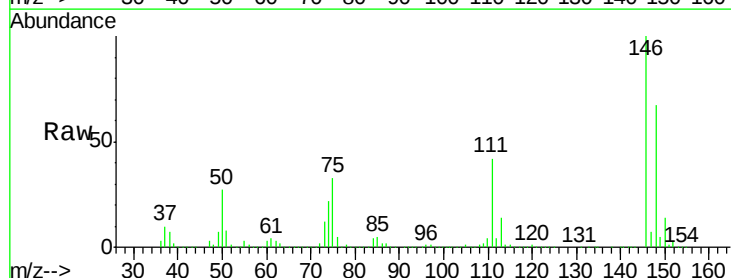
RT: 12.93 min Scan# 1291

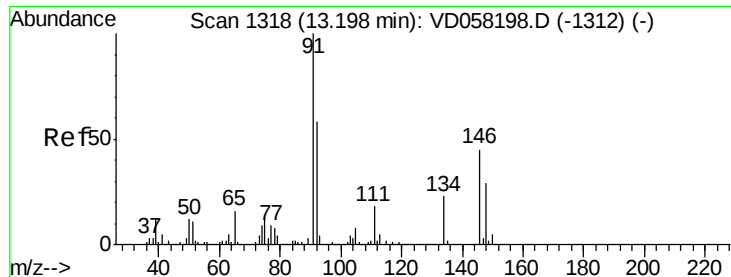
Delta R.T. 0.00 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	17.2	51.5
148	66.6	33.1	99.3





#91

1,2-Dichlorobenzene

Concen: 568.71 ug/l

RT: 13.21 min Scan# 1319

Delta R.T. 0.01 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-35-37-180619

Tot Ion:146 Resp: 6245807

Ion Ratio Lower Upper

146 100

111 35.9 19.6 58.7

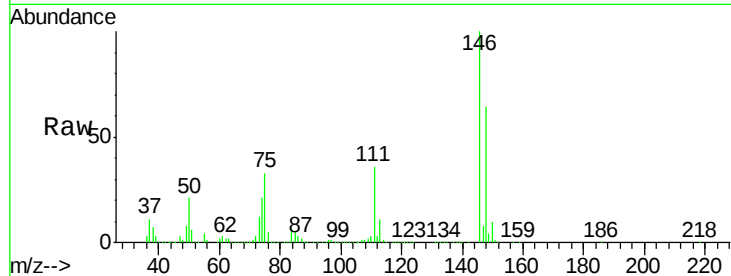
148 64.5 32.0 96.2

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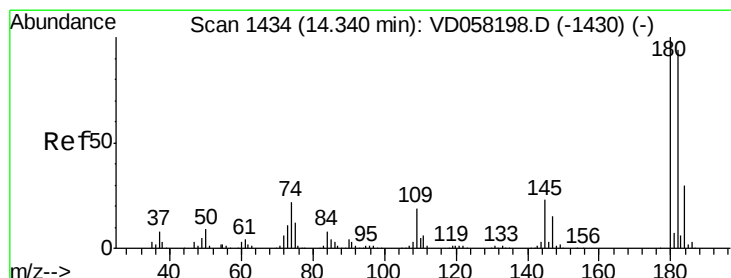
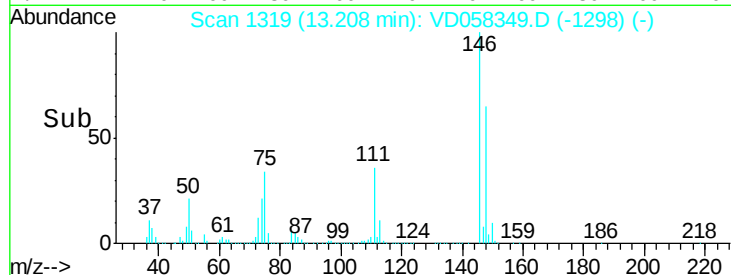
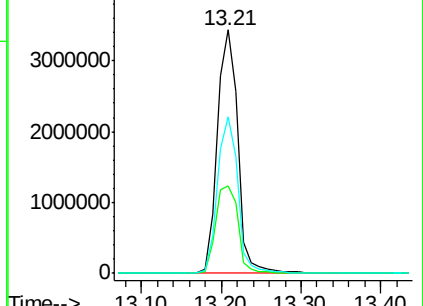
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Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 4.61 ug/l

RT: 14.34 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

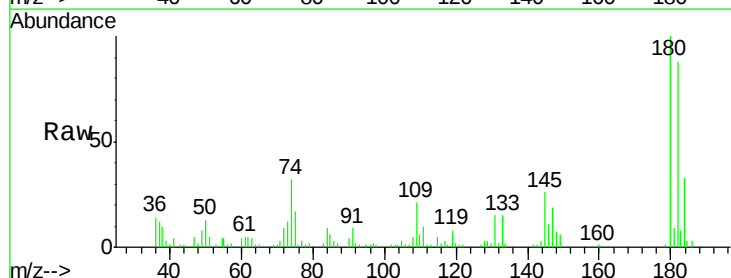
Tgt Ion:180 Resp: 48405

Ion Ratio Lower Upper

180 100

182 87.7 47.1 141.3

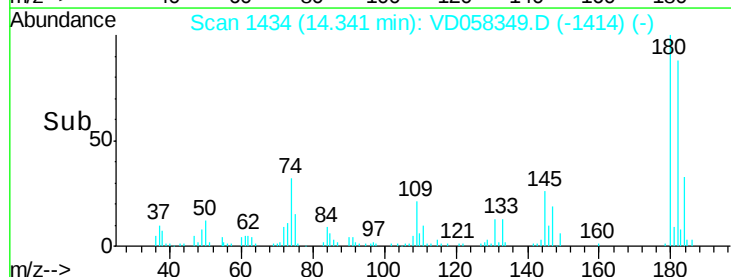
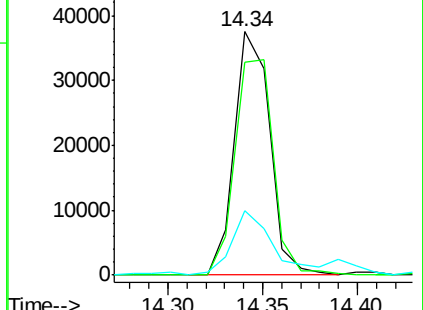
145 26.4 11.7 35.0

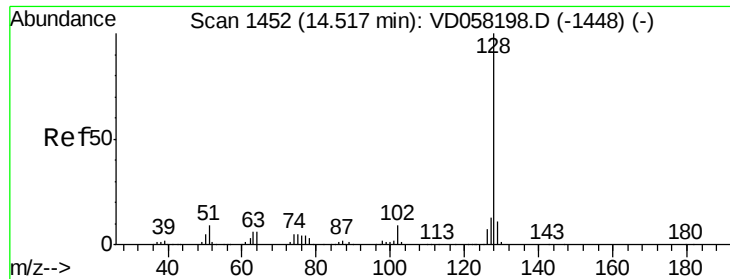


Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V





#95

Naphthalene

Concen: 56.19 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Instrument :

MSVOA_D

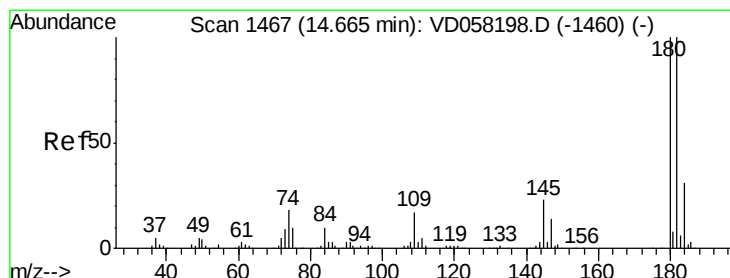
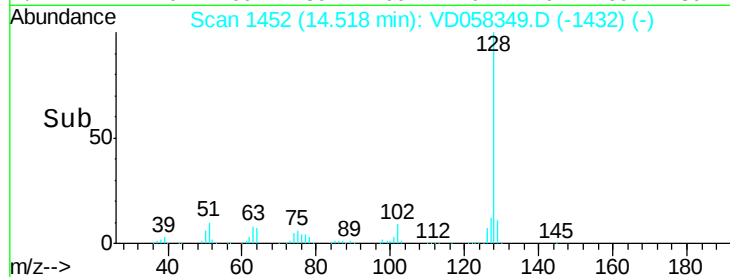
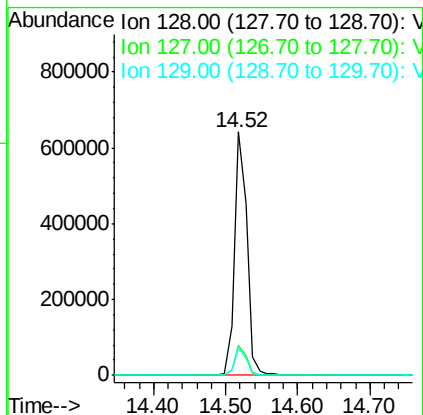
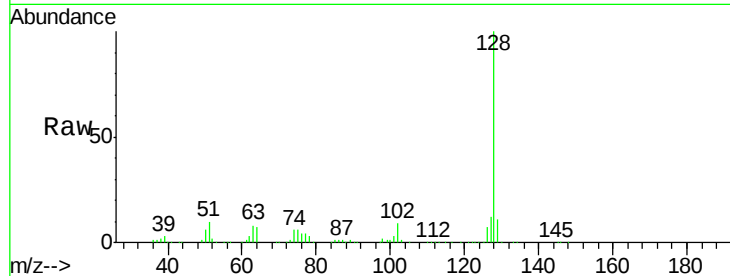
ClientSampleId :

WP021SB471-35-37-180619

Tot Ion:	128	Resp:	777486
Ion Ratio	Lower	Upper	
128	100		
127	12.0	10.0	15.0
129	11.3	8.7	13.1

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#96

1,2,3-Trichlorobenzene

Concen: 1.78 ug/l

RT: 14.67 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VD058349.D

Acq: 23 Jun 2018 19:07

Tgt Ion:	180	Resp:	16386
Ion Ratio	Lower	Upper	
180	100		
182	110.8	49.9	149.6
145	31.8	11.7	35.1

