

Data File : VD058347.D
Acq On : 23 Jun 2018 18:11
Operator : VA/AP
Sample : J3664-22
Misc : 5.83g/5ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-31-33-180619

Manual Integrations
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Quant Time: Jul 03 23:48:39 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	5.66	168	914669	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.73	114	1261207	50.00	ug/l	0.03
63) Chlorobenzene-d5	10.70	117	836927	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.92	152	467328	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	362018	39.18	ug/l	0.03
Spiked Amount	50.000		Recovery	=	78.36%	
35) Dibromofluoromethane	5.57	113	362320	35.30	ug/l	0.02
Spiked Amount	50.000		Recovery	=	70.60%	
50) Toluene-d8	8.74	98	641522	25.83	ug/l	0.03
Spiked Amount	50.000		Recovery	=	51.66%	
62) 4-Bromofluorobenzene	11.94	95	296221	29.20	ug/l	0.01
Spiked Amount	50.000		Recovery	=	58.40%	

Target Compounds						Qvalue
4) Vinyl Chloride	1.57	62	890022	185.749	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.58	101	227293	54.421	ug/l	98
12) 1,1-Dichloroethene	2.57	96	3235154	1029.509	ug/l	89
16) Acetone	2.63	43	132873	105.164	ug/l #	85
20) Methylene Chloride	3.09	84	4676713	1561.951	ug/l	95
21) trans-1,2-Dichloroethene	3.42	96	51930	15.121	ug/l	85
22) Diisopropyl ether	4.12	45	50808	1.749	ug/l #	74
25) 2-Butanone	4.88	43	211639	76.854	ug/l #	54
27) cis-1,2-Dichloroethene	4.84	96	13794061	1607.291	ug/l	97
28) Bromochloromethane	5.20	49	34476m	4.914	ug/l	
30) Chloroform	5.35	83	1329012	80.442	ug/l	96
38) Carbon Tetrachloride	5.76	117	124454	10.039	ug/l	88
40) Benzene	6.06	78	365367	12.293	ug/l	99
42) 1,2-Dichloroethane	6.16	62	399729	33.355	ug/l	97
44) Trichloroethene	7.25	130	55237025m	6189.379	ug/l	
51) 4-Methyl-2-Pentanone	8.64	43	3002154	485.642	ug/l	97
52) Toluene	8.86	92	12426575	734.290	ug/l	96
55) 1,1,2-Trichloroethane	9.48	97	347065	57.965	ug/l	96
64) Tetrachloroethene	9.54	164	171924	24.414	ug/l	96
65) Chlorobenzene	10.74	112	85540	5.464	ug/l #	88
67) Ethyl Benzene	10.87	91	235637	8.526	ug/l	95
68) m/p-Xylenes	11.02	106	323820	35.134	ug/l	95
69) o-Xylene	11.41	106	176579	20.059	ug/l	88
70) Styrene	11.44	104	456709	30.404	ug/l	98
73) Isopropylbenzene	11.79	105	42008	1.503	ug/l	95
78) n-propylbenzene	12.16	91	97431	2.699	ug/l	97
80) 1,3,5-Trimethylbenzene	12.33	105	267099	12.251	ug/l	98
84) 1,2,4-Trimethylbenzene	12.63	105	713173	30.092	ug/l	99
85) sec-Butylbenzene	12.76	105	40056	1.363	ug/l	94
86) p-Isopropyltoluene	12.89	119	33495	1.407	ug/l	96
87) 1,3-Dichlorobenzene	12.85	146	358955	24.673	ug/l	97
88) 1,4-Dichlorobenzene	12.94	146	1242800	87.477	ug/l	99
91) 1,2-Dichlorobenzene	13.20	146	4898847	395.677	ug/l	100
93) 1,2,4-Trichlorobenzene	14.35	180	26616	2.248	ug/l	85

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062318\
Quantitation Report (QT/LSC Reviewed)

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95) Naphthalene	14.52	128	461789	29.606	ug/l	99

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

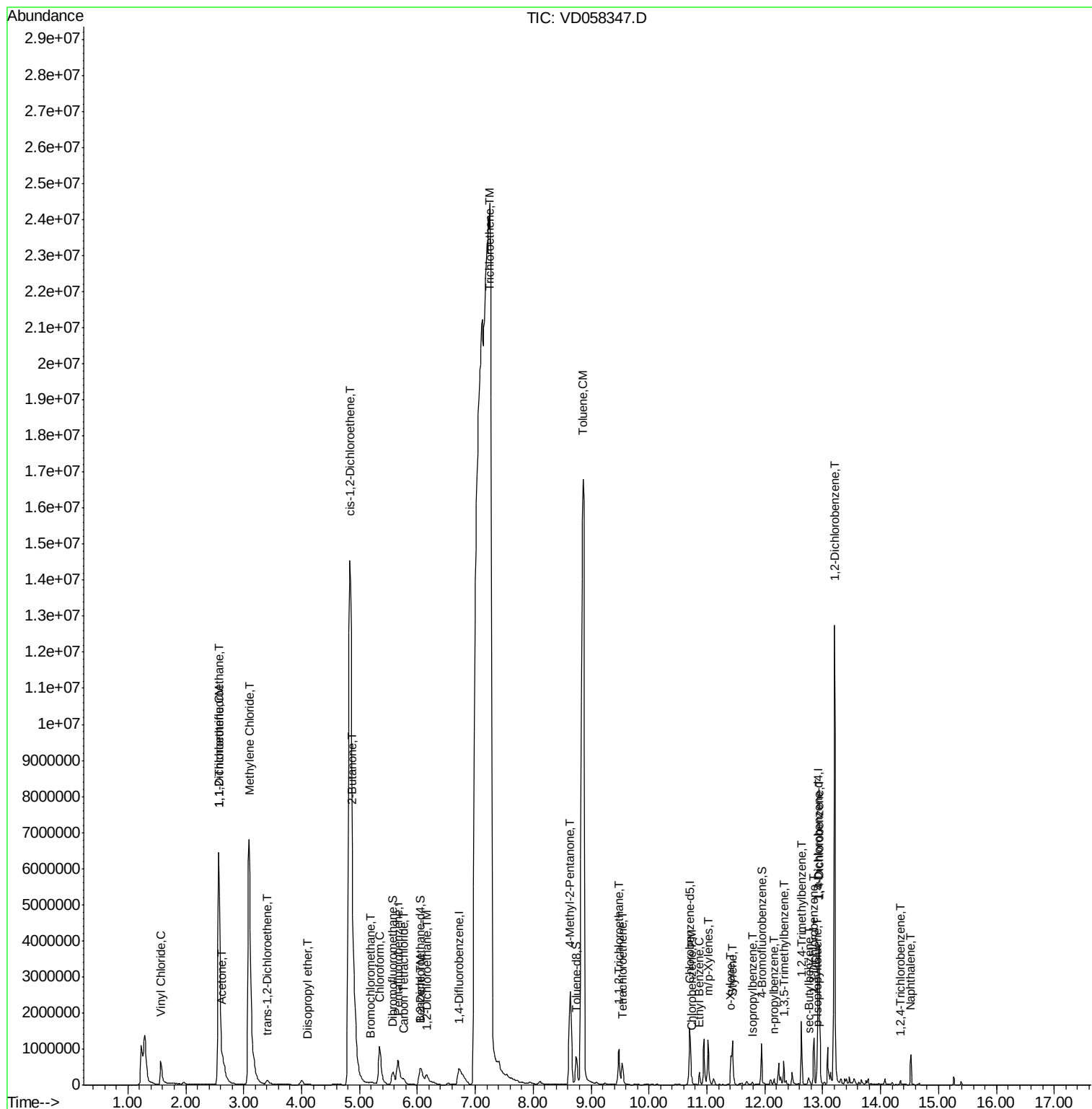
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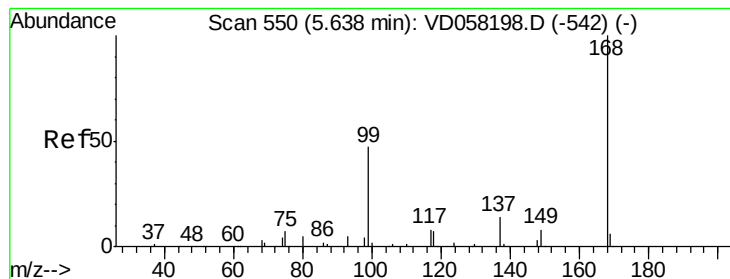
Instrument :
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Quant Time: Jul 03 23:48:39 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 552

Delta R.T. 0.02 min

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Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-31-33-180619

Tgt Ion:168 Resp: 914669

Ion Ratio Lower Upper

168 100

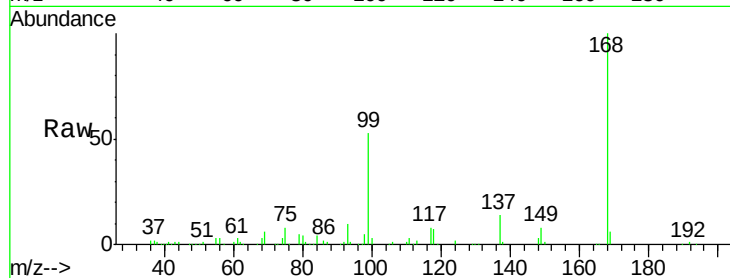
99 52.9 41.1 61.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.66

250000

200000

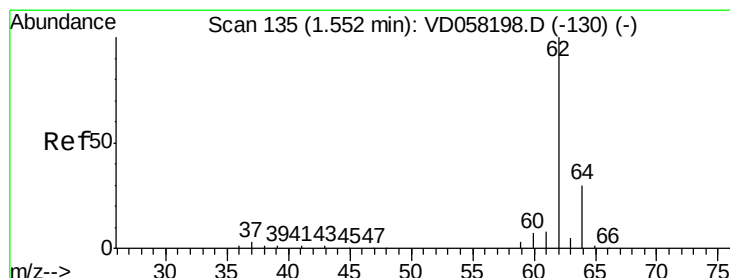
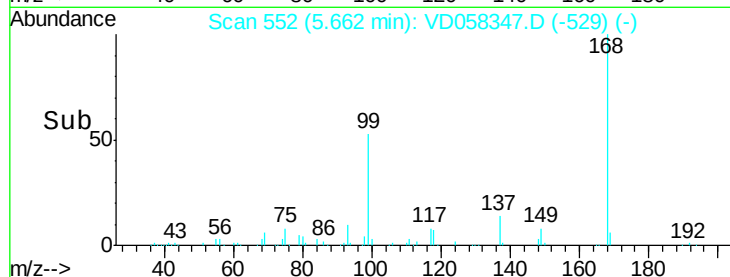
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 185.749 ug/l

RT: 1.57 min Scan# 136

Delta R.T. 0.01 min

Lab File: VD058347.D

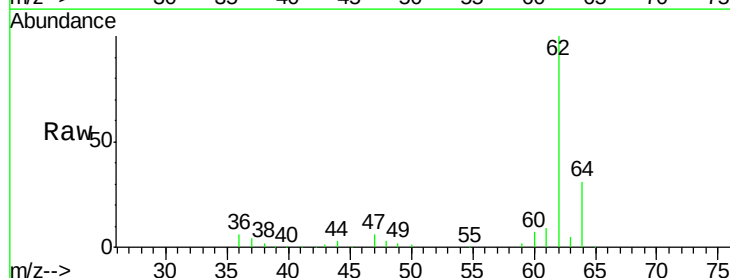
Acq: 23 Jun 2018 18:11

Tgt Ion: 62 Resp: 890022

Ion Ratio Lower Upper

62 100

64 30.9 24.4 36.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.57

400000

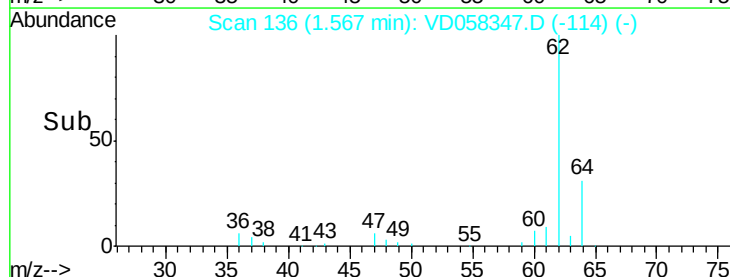
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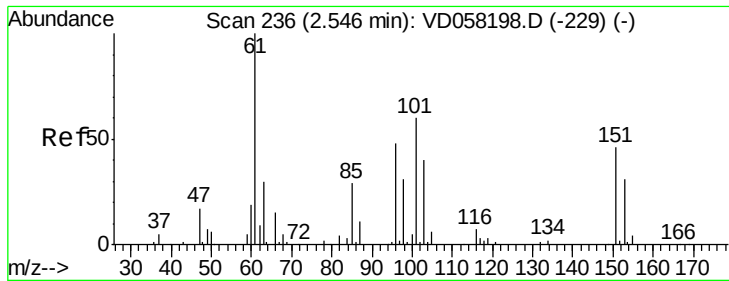
200000

100000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.421 ug/l

RT: 2.58 min Scan# 239

Delta R.T. 0.03 min

Lab File: VD058347.D

Acq: 23 Jun 2018 18:11

Instrument :

MSVOA_D

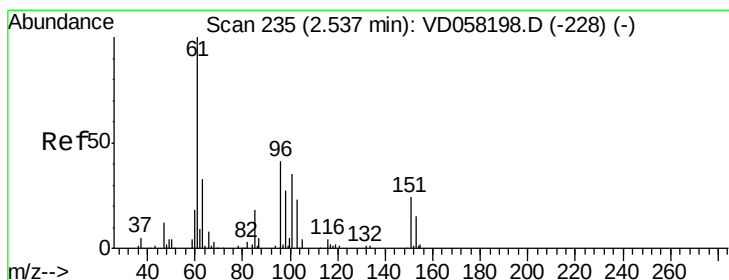
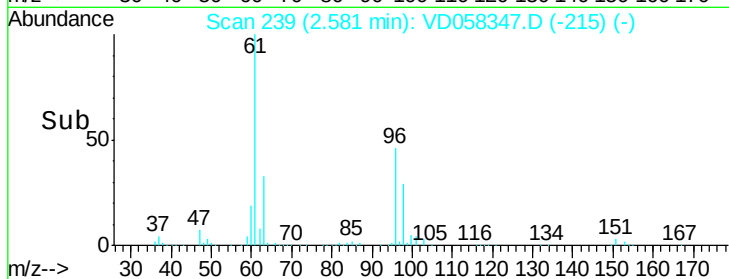
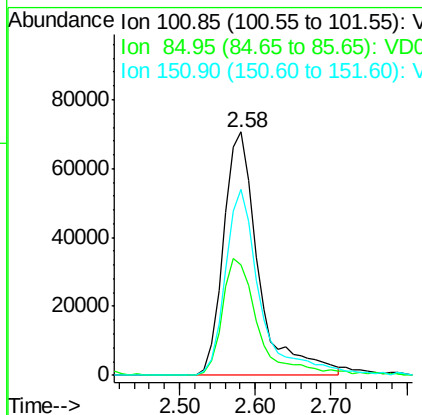
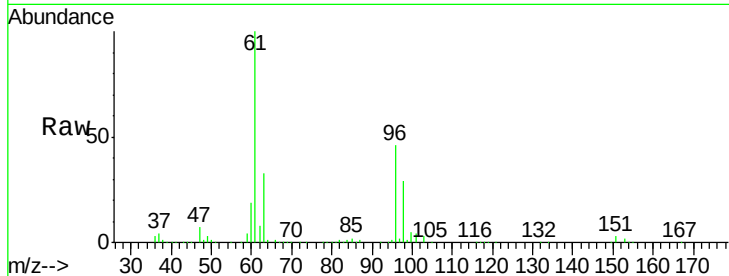
ClientSampleId :

WP021SB471-31-33-180619

Tgt Ion:	101	Resp:	227293
Ion Ratio	Lower	Upper	
101	100		
85	45.5	39.0	58.4
151	76.4	61.8	92.8

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#12

1,1-Dichloroethene

Concen: 1029.509 ug/l

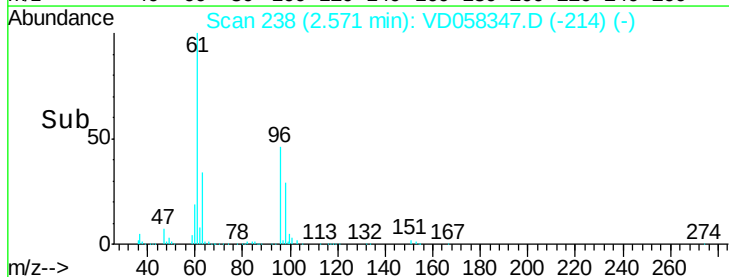
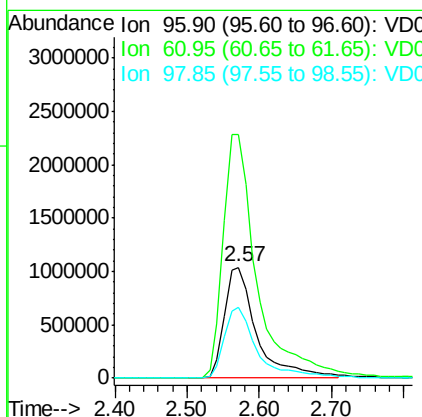
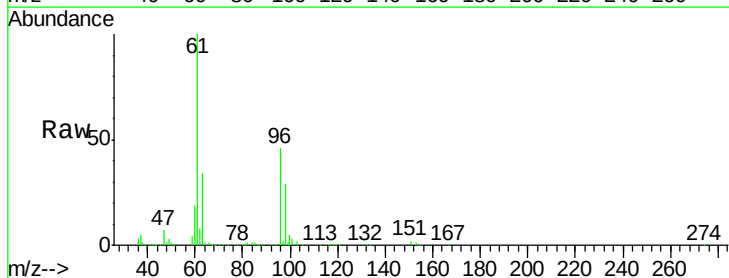
RT: 2.57 min Scan# 238

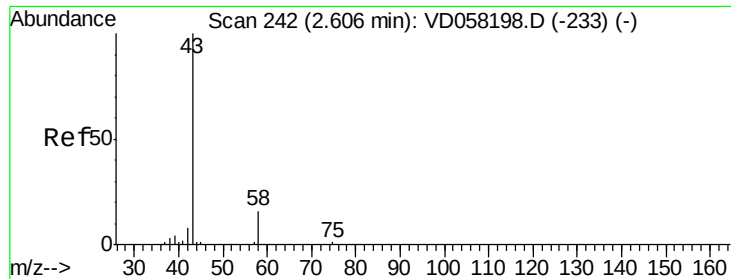
Delta R.T. 0.03 min

Lab File: VD058347.D

Acq: 23 Jun 2018 18:11

Tgt Ion:	96	Resp:	3235154
Ion Ratio	Lower	Upper	
96	100		
61	219.0	193.9	290.9
98	63.8	51.7	77.5





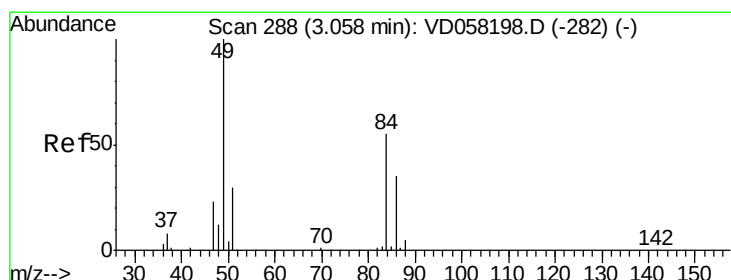
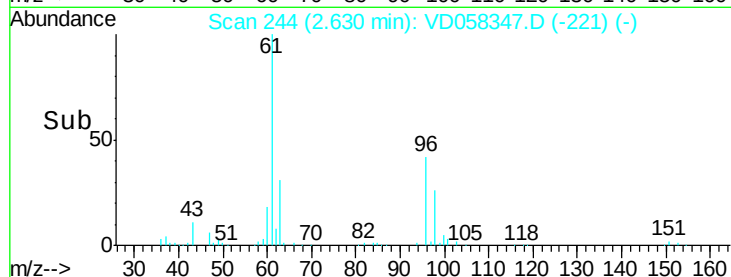
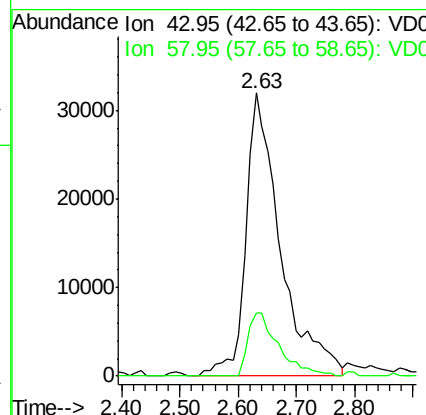
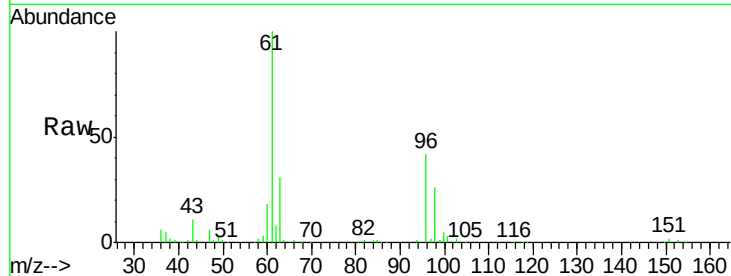
#16
Acetone
Concen: 105.164 ug/l
RT: 2.63 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD058347.D
Acq: 23 Jun 2018 18:11

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MSVOA_D
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Tgt Ion: 43 Resp: 132873
Ion Ratio Lower Upper
43 100
58 22.2 12.7 19.1#

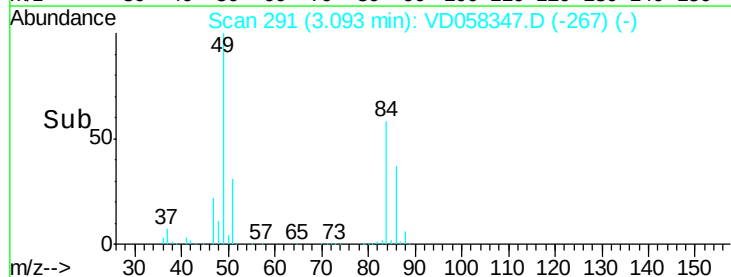
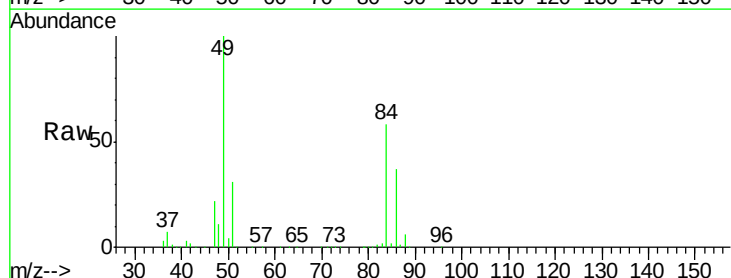
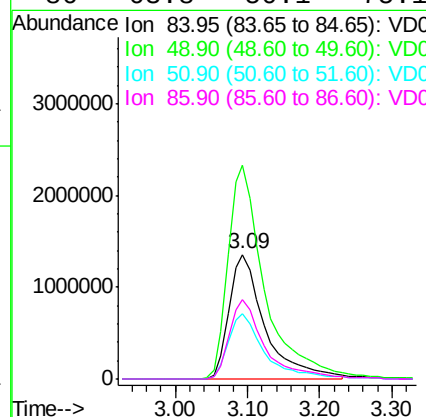
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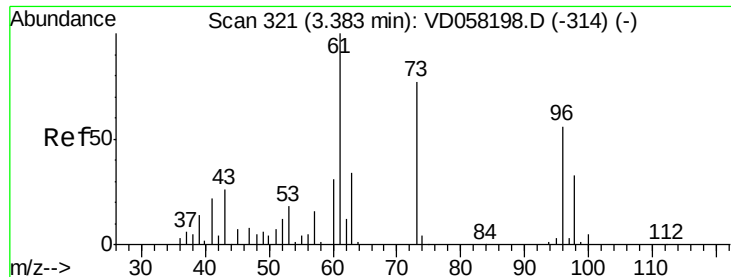
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#20
Methylene Chloride
Concen: 1561.951 ug/l
RT: 3.09 min Scan# 291
Delta R.T. 0.03 min
Lab File: VD058347.D
Acq: 23 Jun 2018 18:11

Tgt Ion: 84 Resp: 4676713
Ion Ratio Lower Upper
84 100
49 171.5 145.0 217.6
51 52.9 42.9 64.3
86 63.8 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 15.121 ug/l

RT: 3.42 min Scan# 324

Delta R.T. 0.03 min

Lab File: VD058347.D

Acq: 23 Jun 2018 18:11

Instrument :

MSVOA_D

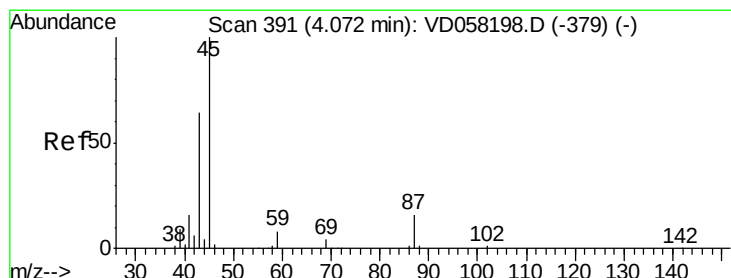
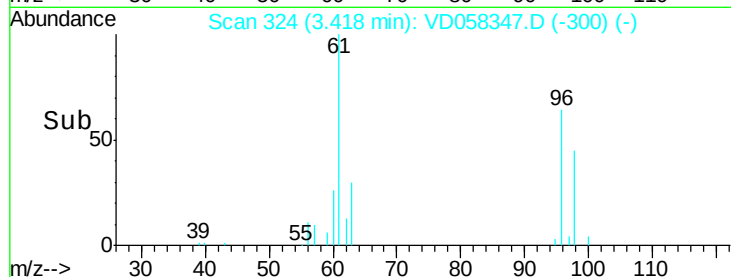
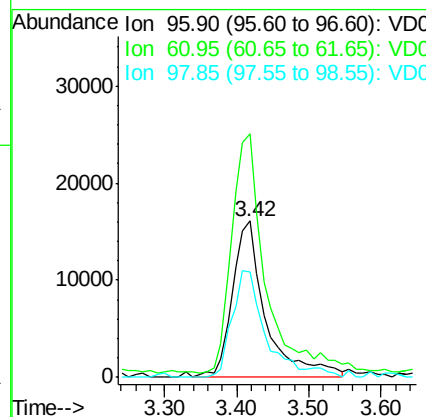
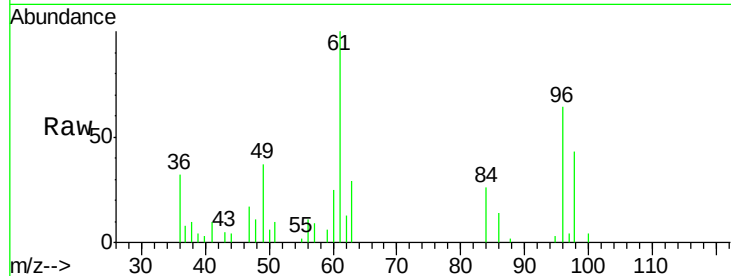
ClientSampleId :

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Tgt Ion:	96	Resp:	51930
Ion	Ratio	Lower	Upper
96	100		
61	156.0	143.8	215.6
98	67.6	48.0	72.0

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#22

Diisopropyl ether

Concen: 1.749 ug/l

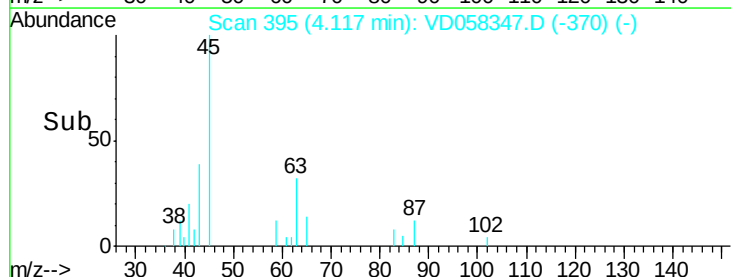
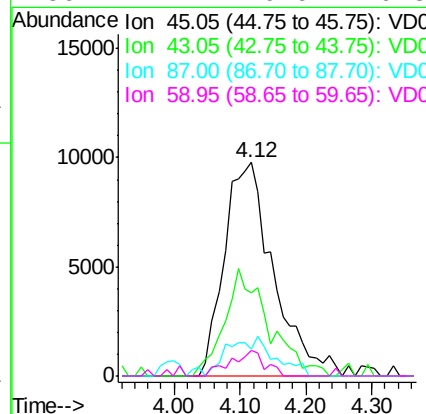
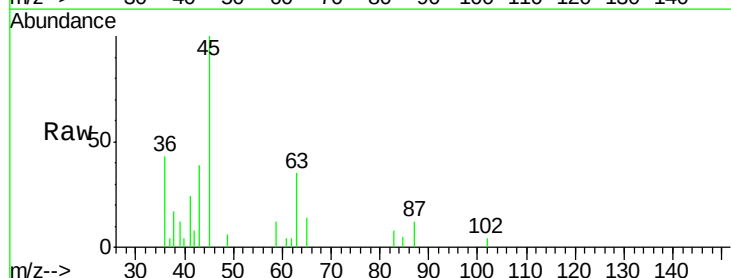
RT: 4.12 min Scan# 395

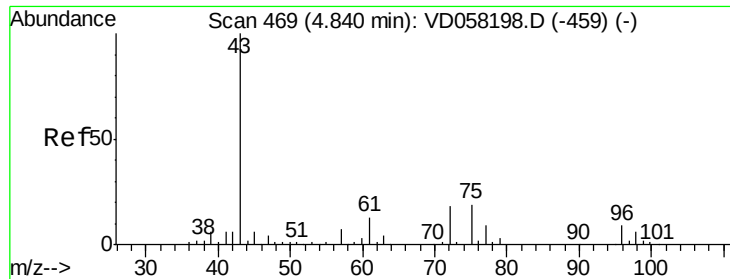
Delta R.T. 0.04 min

Lab File: VD058347.D

Acq: 23 Jun 2018 18:11

Tgt Ion:	45	Resp:	50808
Ion	Ratio	Lower	Upper
45	100		
43	39.0	51.4	77.0#
87	12.5	13.0	19.4#
59	11.7	6.9	10.3#





#25

2-Butanone

Concen: 76.854 ug/l

RT: 4.88 min Scan# 473

Delta R.T. 0.04 min

Lab File: VD058347.D

Acq: 23 Jun 2018 18:11

Instrument :

MSVOA_D

ClientSampleId :

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Tgt Ion: 43 Resp: 211639

Ion Ratio Lower Upper

43 100

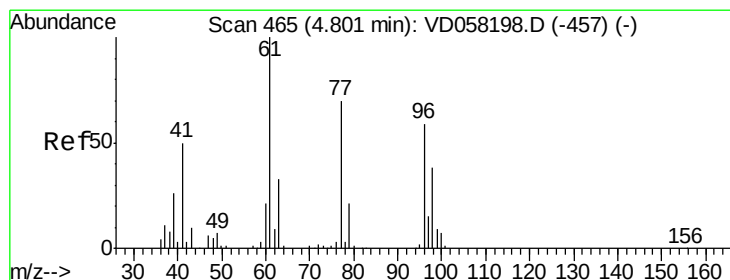
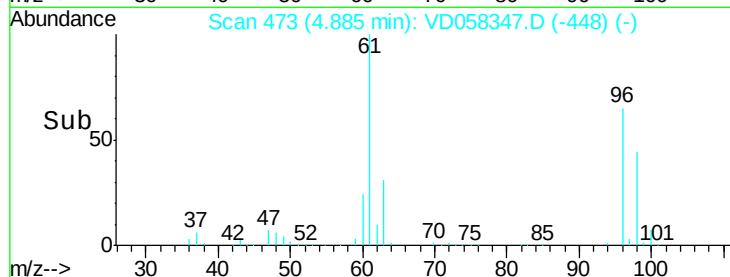
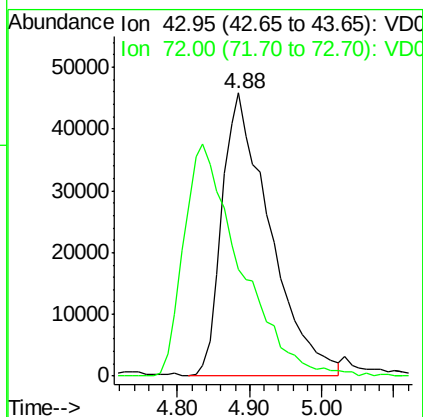
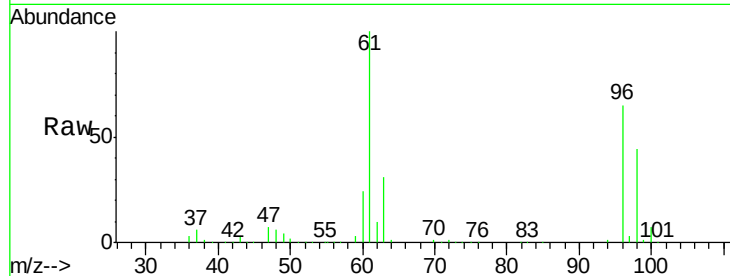
72 37.7 14.1 21.1#

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#27

cis-1,2-Dichloroethene

Concen: 1607.291 ug/l

RT: 4.84 min Scan# 468

Delta R.T. 0.03 min

Lab File: VD058347.D

Acq: 23 Jun 2018 18:11

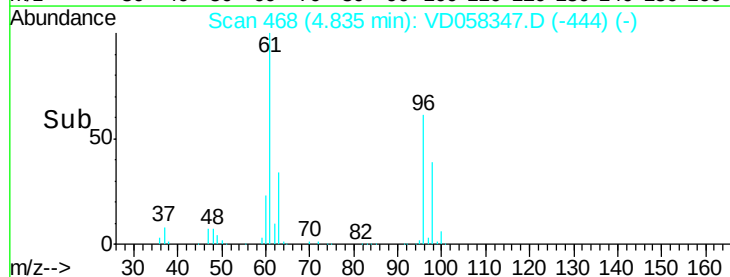
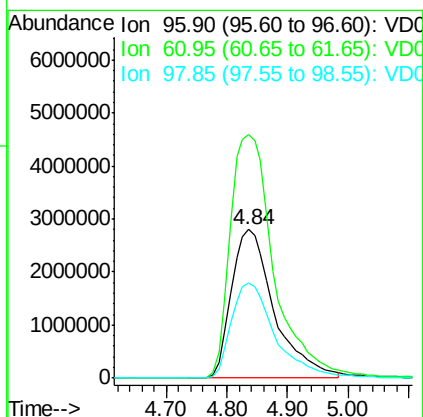
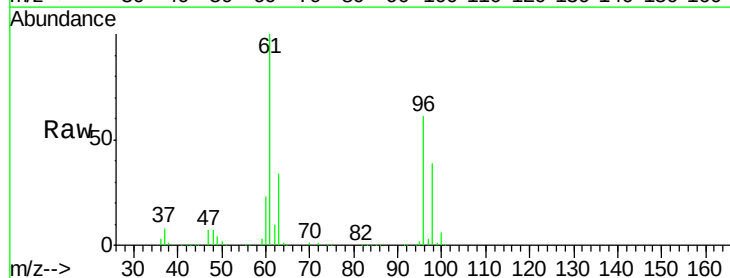
Tgt Ion: 96 Resp: 13794061

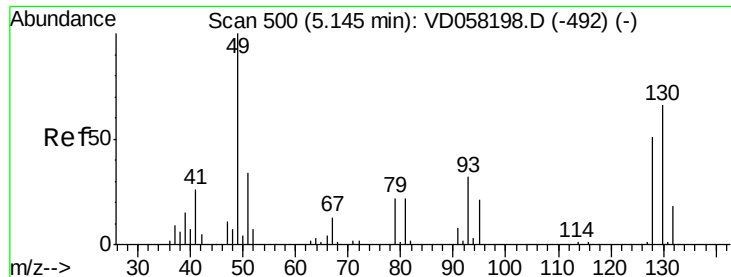
Ion Ratio Lower Upper

96 100

61 163.7 0.0 338.6

98 64.3 0.0 130.2





#28

Bromochloromethane

Concen: 4.914 ug/l m

RT: 5.20 min Scan# 505

Delta R.T. 0.05 min

Lab File: VD058347.D

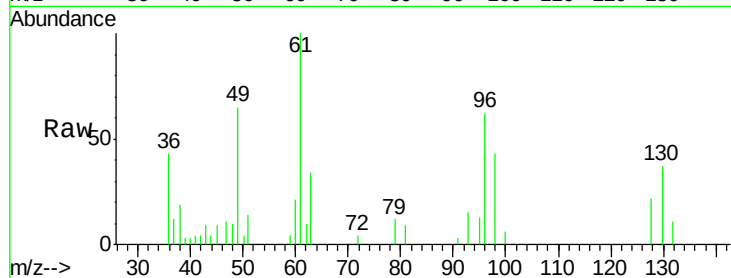
Acq: 23 Jun 2018 18:11

Instrument :

MSVOA_D

ClientSampleId :

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Tgt Ion: 49 Resp: 34476

Ion Ratio Lower Upper

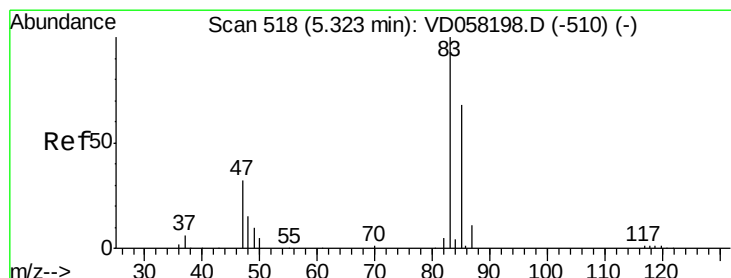
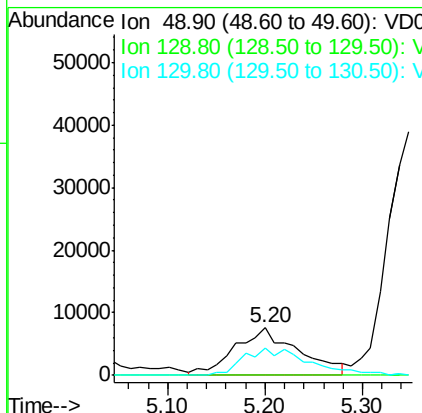
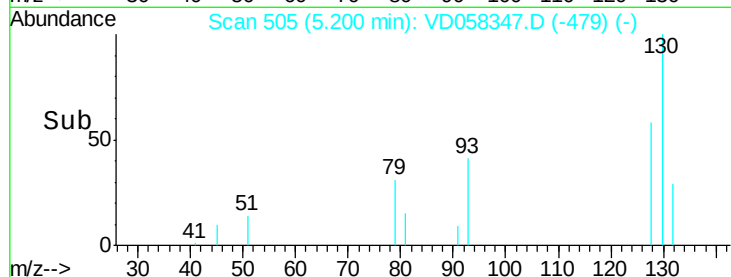
49 100

129 0.0 0.0 0.0

130 56.7 52.6 79.0

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#30

Chloroform

Concen: 80.442 ug/l

RT: 5.35 min Scan# 520

Delta R.T. 0.02 min

Lab File: VD058347.D

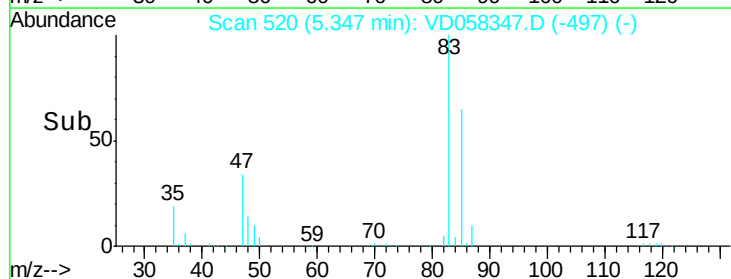
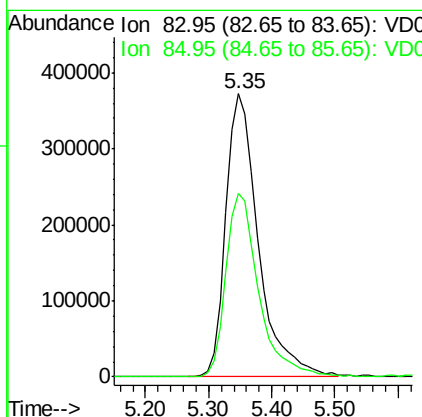
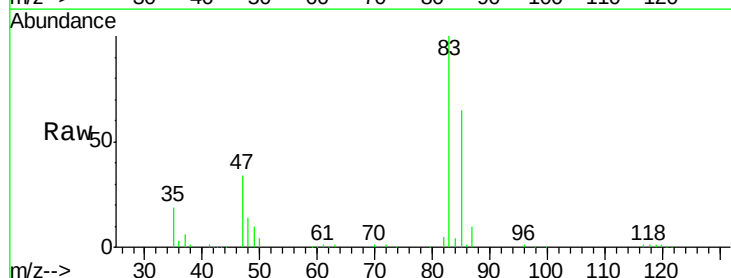
Acq: 23 Jun 2018 18:11

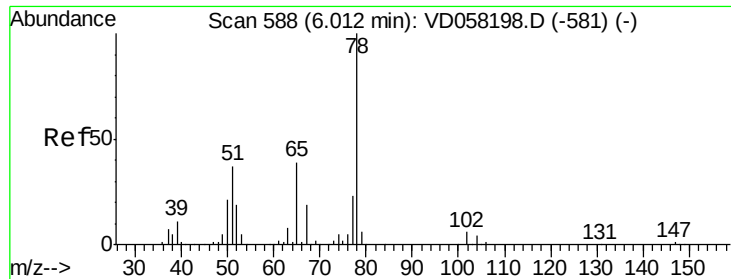
Tgt Ion: 83 Resp: 1329012

Ion Ratio Lower Upper

83 100

85 65.0 54.8 82.2





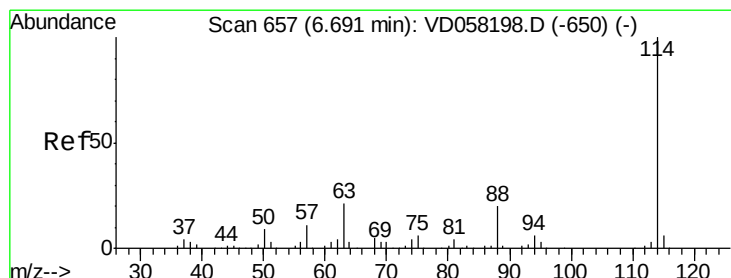
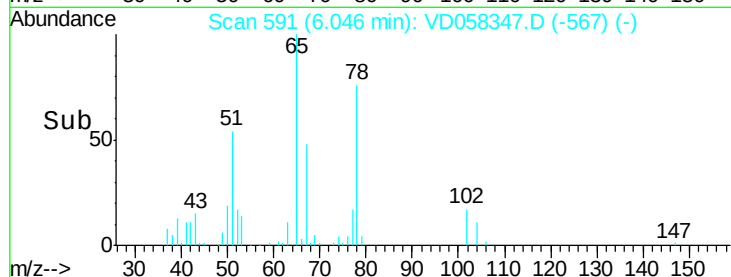
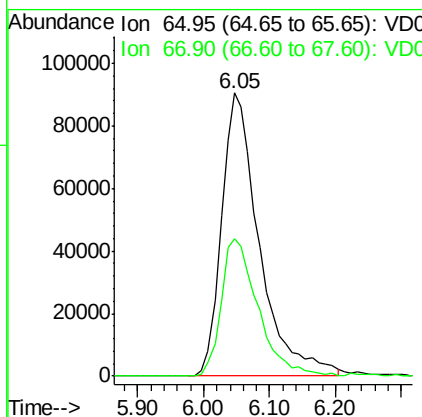
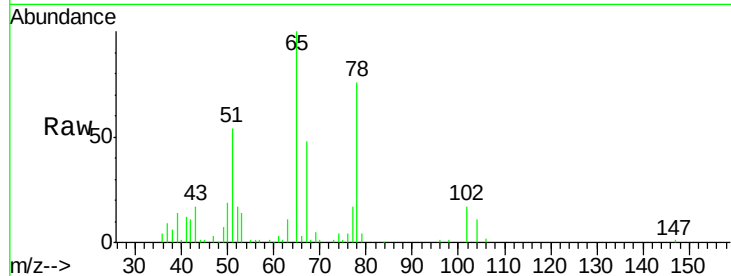
#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.05 min Scan# 591
 Delta R.T. 0.03 min
 Lab File: VD058347.D
 Acq: 23 Jun 2018 18:11

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-31-33-180619

Tgt Ion: 65 Resp: 362018
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 97.8

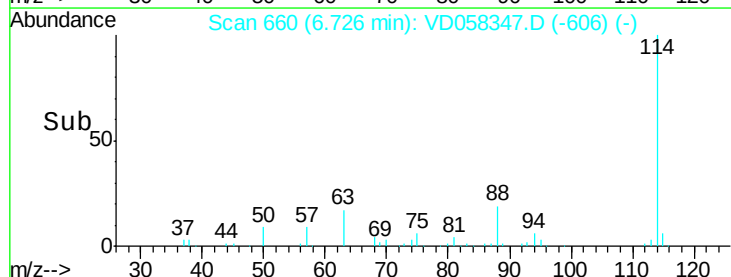
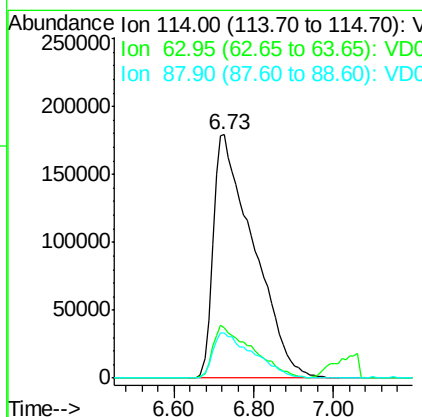
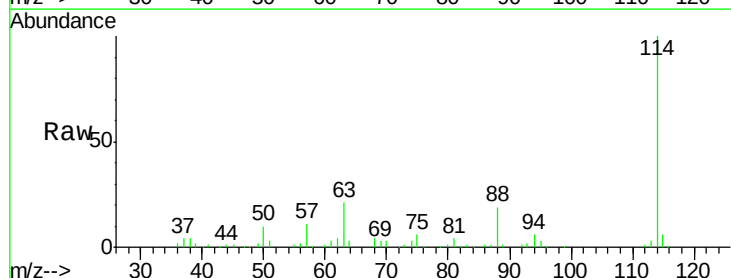
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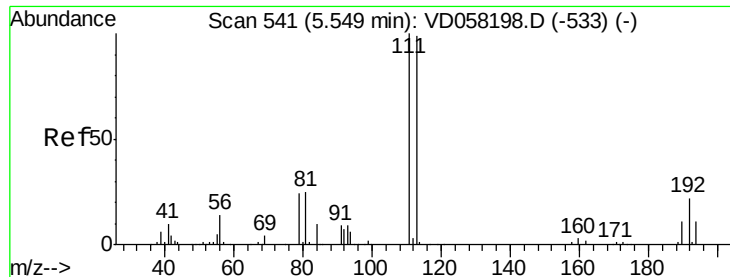
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.73 min Scan# 660
 Delta R.T. 0.03 min
 Lab File: VD058347.D
 Acq: 23 Jun 2018 18:11

Tgt Ion: 114 Resp: 1261207
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.6
 88 18.5 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.57 min Scan# 543

Delta R.T. 0.02 min

Lab File: VD058347.D

Acq: 23 Jun 2018 18:11

Instrument :

MSVOA_D

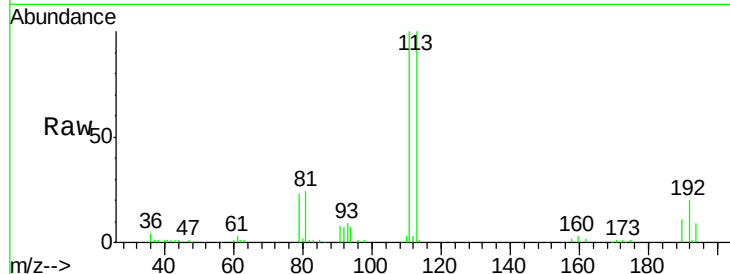
ClientSampleId :

WP021SB471-31-33-180619

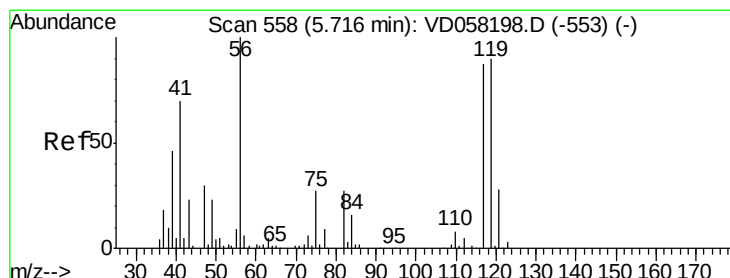
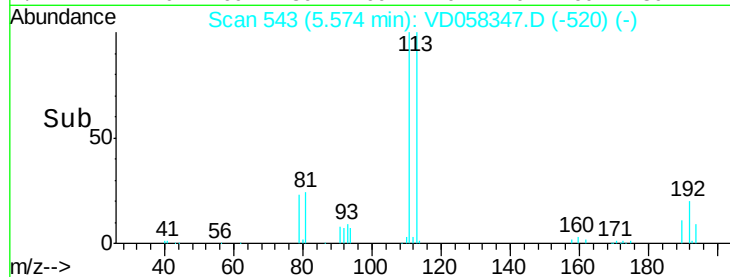
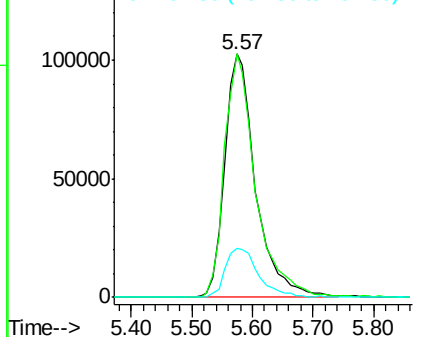
Tgt Ion:	113	Resp:	362320
Ion Ratio	Lower	Upper	
113	100		
111	100.1	80.6	121.0
192	20.3	17.8	26.6

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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



#38

Carbon Tetrachloride

Concen: 10.039 ug/l

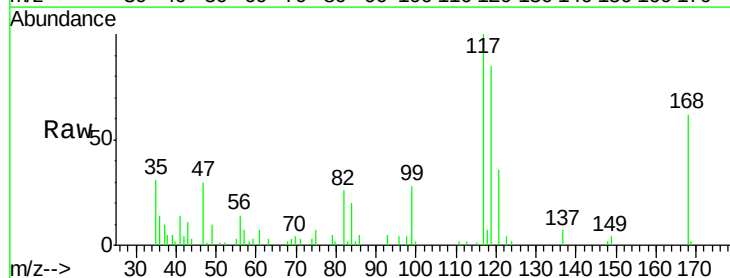
RT: 5.76 min Scan# 562

Delta R.T. 0.04 min

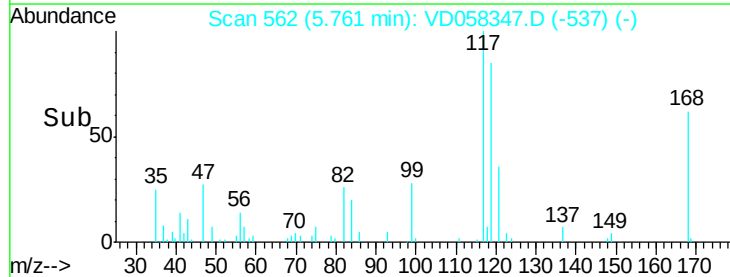
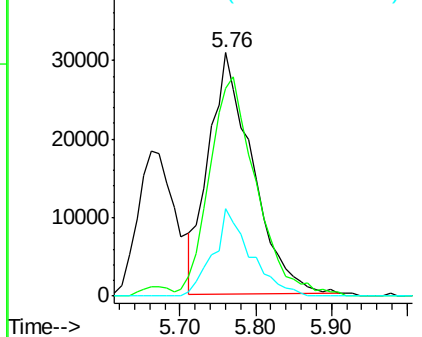
Lab File: VD058347.D

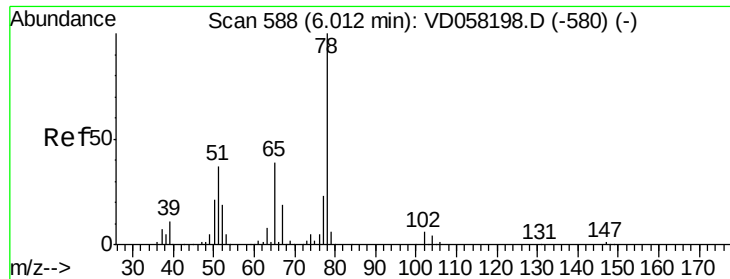
Acq: 23 Jun 2018 18:11

Tgt Ion:	117	Resp:	124454
Ion Ratio	Lower	Upper	
117	100		
119	85.5	78.8	118.2
121	36.1	25.0	37.6



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V





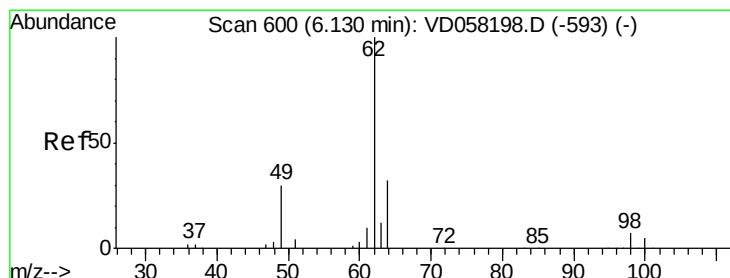
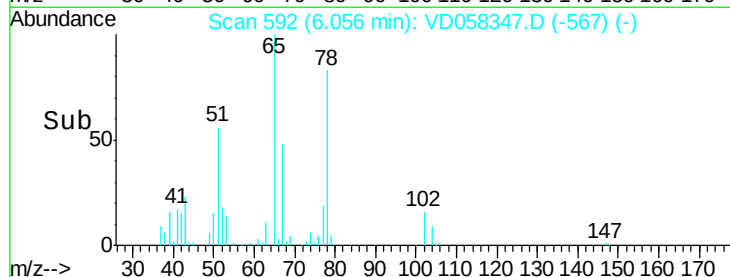
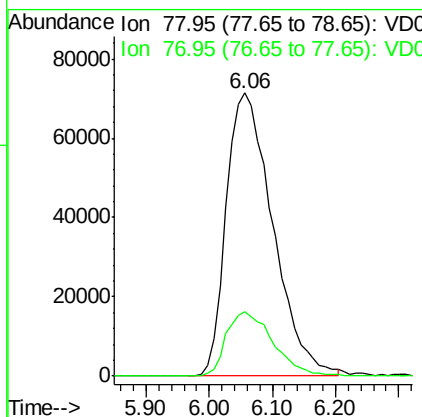
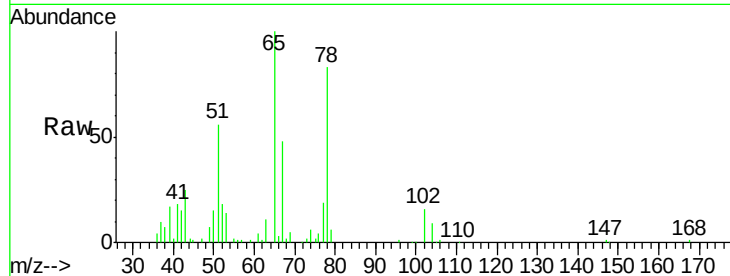
#40
Benzene
Concen: 12.293 ug/l
RT: 6.06 min Scan# 592
Delta R.T. 0.04 min
Lab File: VD058347.D
Acq: 23 Jun 2018 18:11

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-31-33-180619

Tgt Ion: 78 Resp: 365367
Ion Ratio Lower Upper
78 100
77 22.6 18.5 27.7

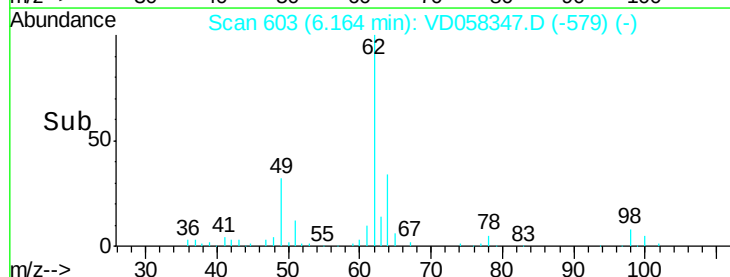
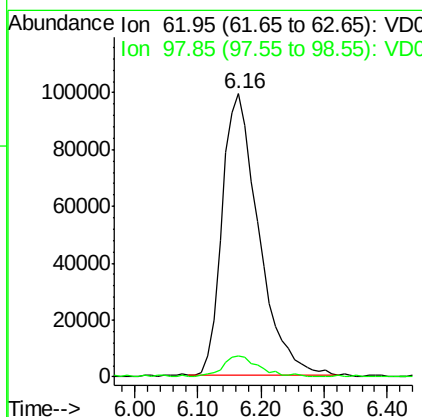
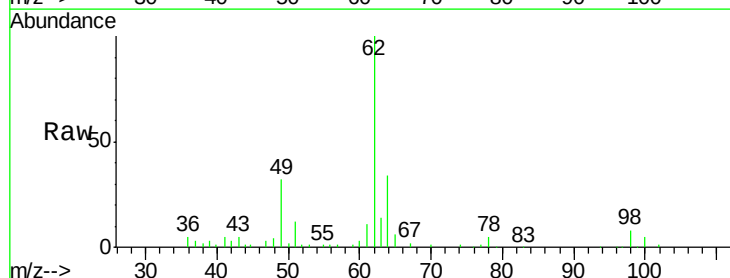
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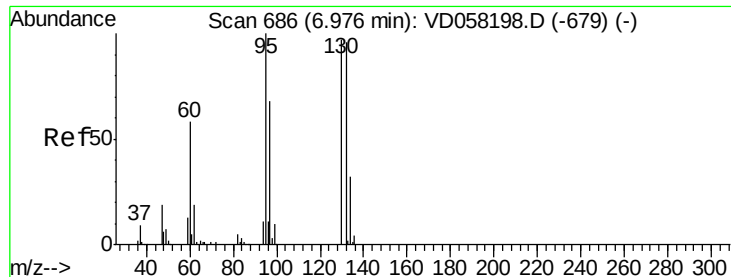
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#42
1,2-Dichloroethane
Concen: 33.355 ug/l
RT: 6.16 min Scan# 603
Delta R.T. 0.03 min
Lab File: VD058347.D
Acq: 23 Jun 2018 18:11

Tgt Ion: 62 Resp: 399729
Ion Ratio Lower Upper
62 100
98 7.6 0.0 13.2





#44

Trichloroethene

Concen: 6189.379 ug/l m

RT: 7.25 min Scan# 713

Delta R.T. 0.27 min

Lab File: VD058347.D

Acq: 23 Jun 2018 18:11

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-31-33-180619

Tgt Ion:130 Resp:55237025

Ion Ratio Lower Upper

130 100

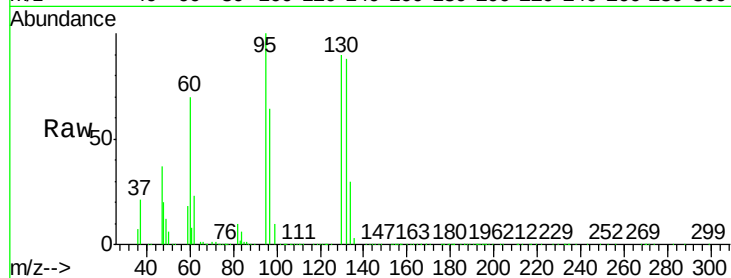
95 111.7 0.0 205.6

Manual Integrations

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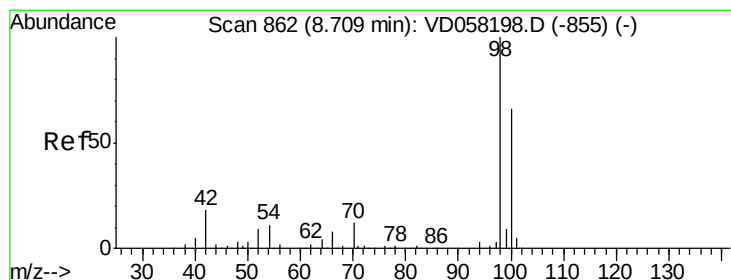
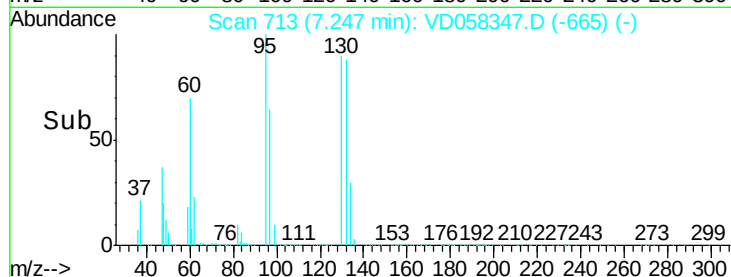
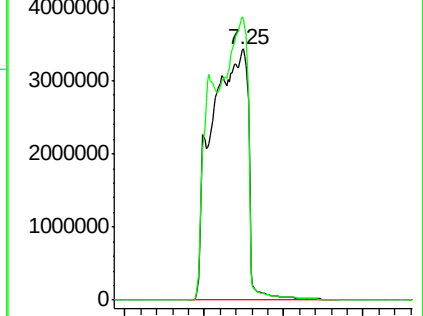
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.74 min Scan# 865

Delta R.T. 0.03 min

Lab File: VD058347.D

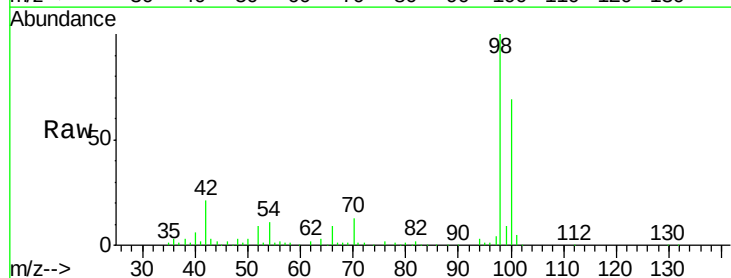
Acq: 23 Jun 2018 18:11

Tgt Ion: 98 Resp: 641522

Ion Ratio Lower Upper

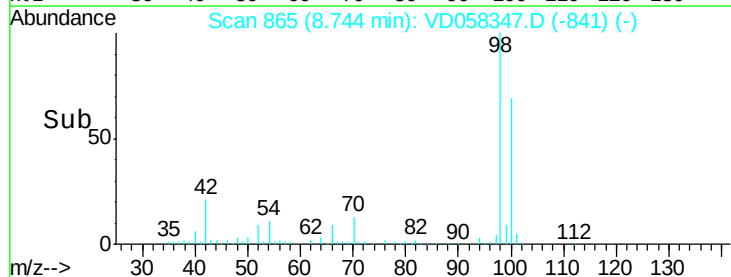
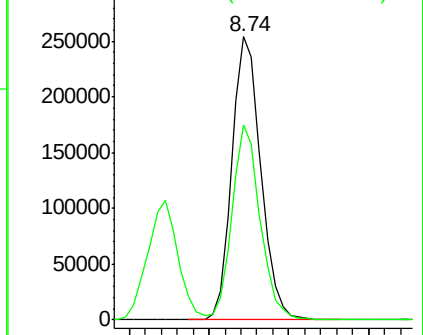
98 100

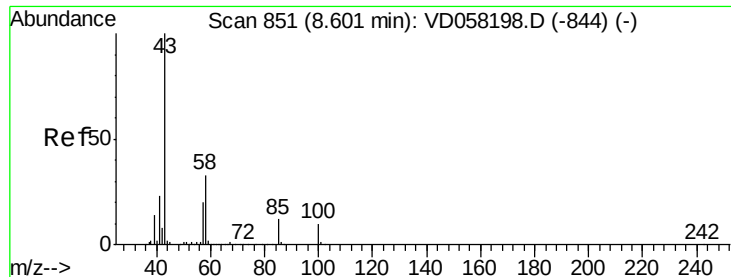
100 68.9 53.6 80.4



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: 485.642 ug/l

RT: 8.64 min Scan# 854

Delta R.T. 0.03 min

Lab File: VD058347.D

Acq: 23 Jun 2018 18:11

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-31-33-180619

Tgt Ion: 43 Resp: 3002154

Ion Ratio Lower Upper

43 100

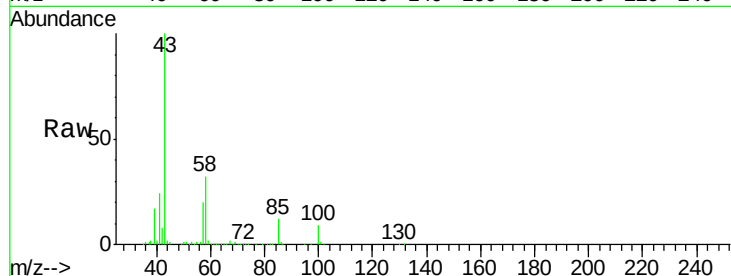
58 32.0 26.7 40.1

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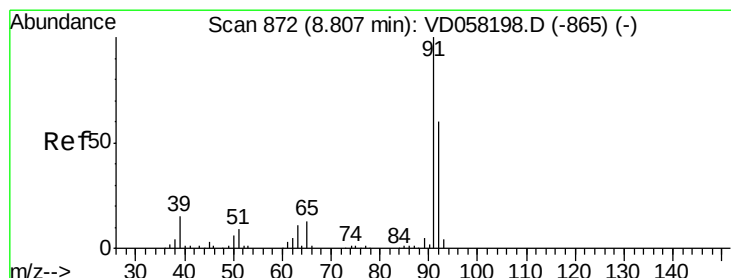
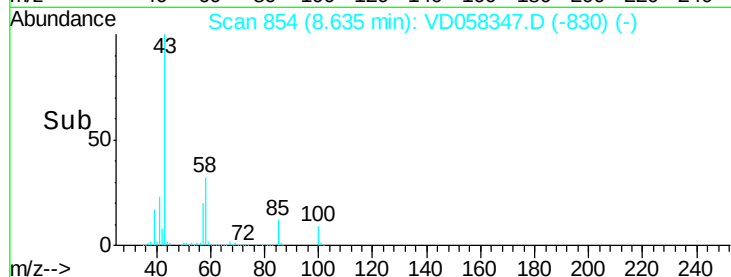
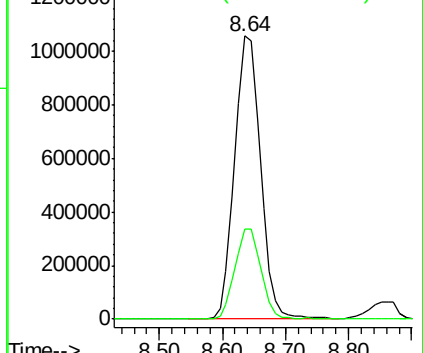
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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 734.290 ug/l

RT: 8.86 min Scan# 877

Delta R.T. 0.05 min

Lab File: VD058347.D

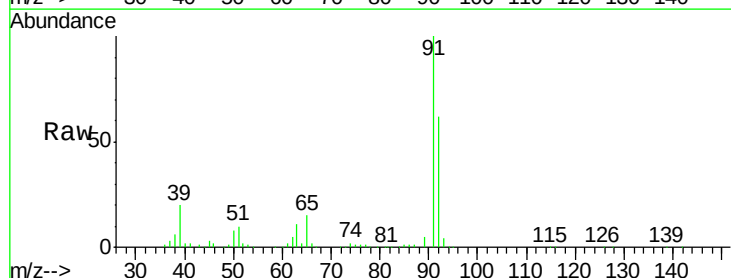
Acq: 23 Jun 2018 18:11

Tgt Ion: 92 Resp: 12426575

Ion Ratio Lower Upper

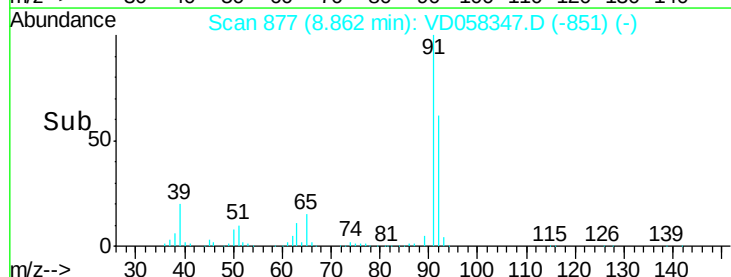
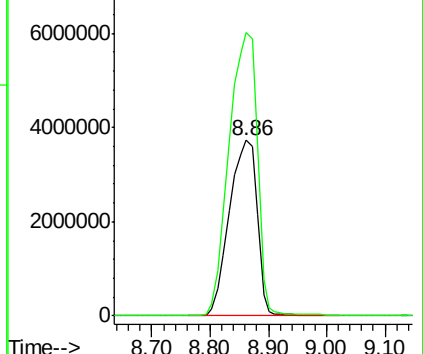
92 100

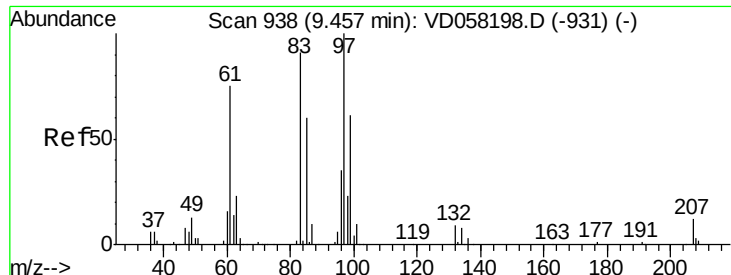
91 161.2 133.2 199.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





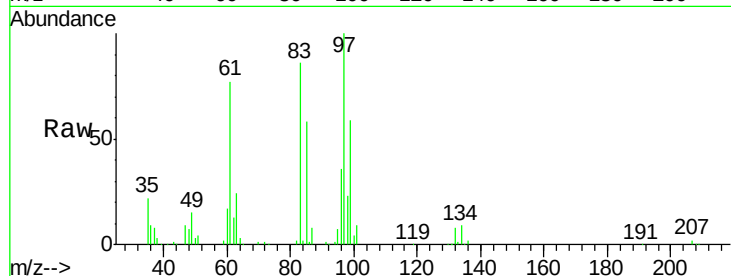
#55
 1,1,2-Trichloroethane
 Concen: 57.965 ug/l
 RT: 9.48 min Scan# 940
 Delta R.T. 0.02 min
 Lab File: VD058347.D
 Acq: 23 Jun 2018 18:11

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-31-33-180619

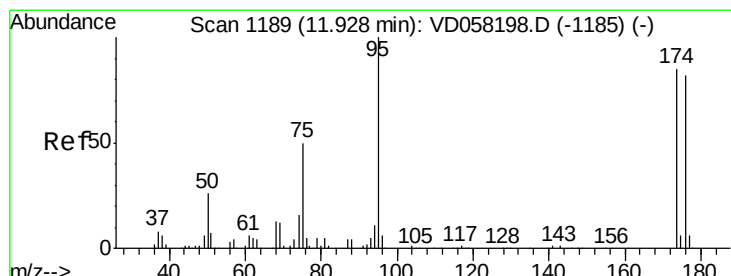
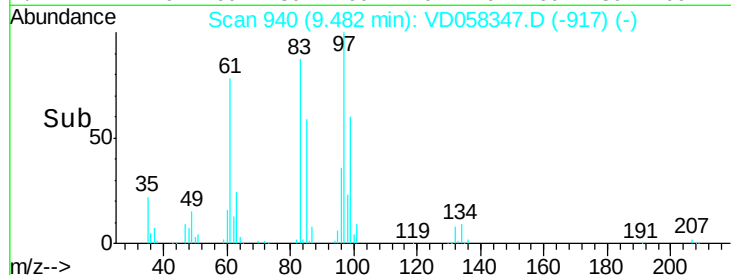
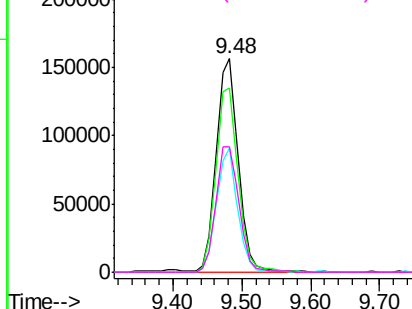
Tgt Ion	Ratio	Resp	Lower	Upper
97	100	347065		
83	86.1	72.9	109.3	
85	57.9	48.2	72.4	
99	59.0	48.9	73.3	

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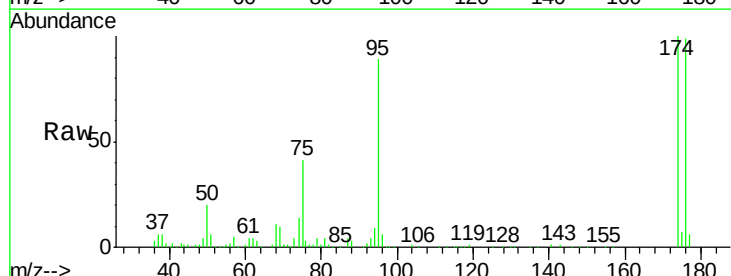


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

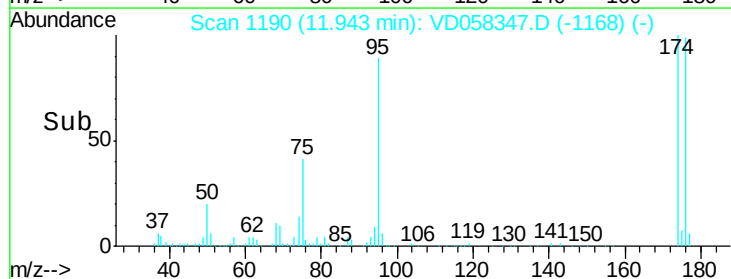
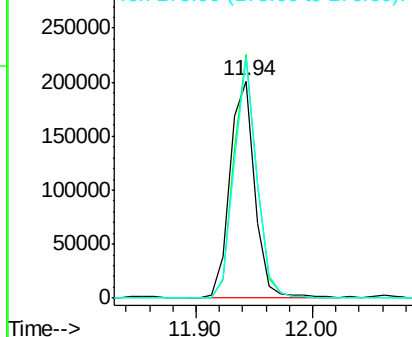


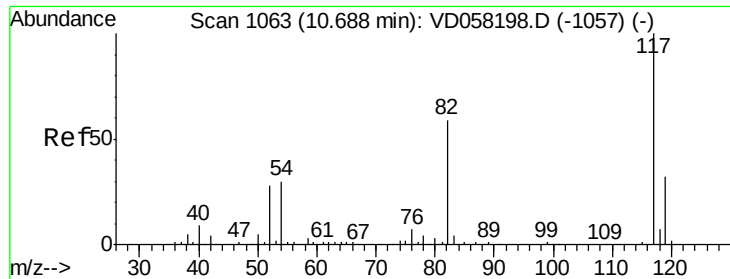
#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 11.94 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: VD058347.D
 Acq: 23 Jun 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	296221		
174	112.1	0.0	170.2	
176	110.7	0.0	164.6	



Abundance Ion 95.00 (94.70 to 95.70): VDC
 Ion 173.90 (173.60 to 174.60): VDC
 Ion 175.90 (175.60 to 176.60): VDC





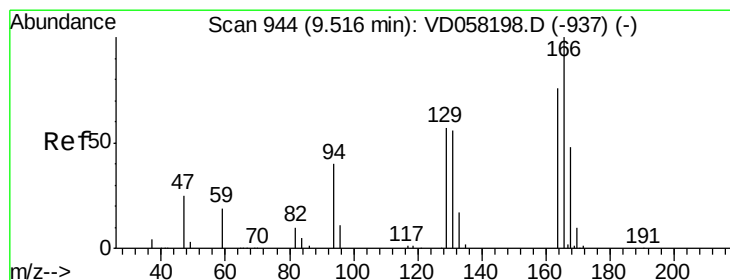
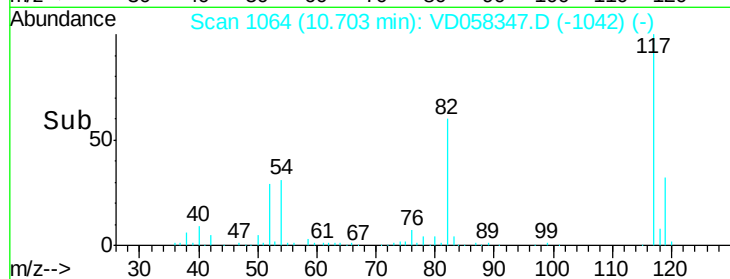
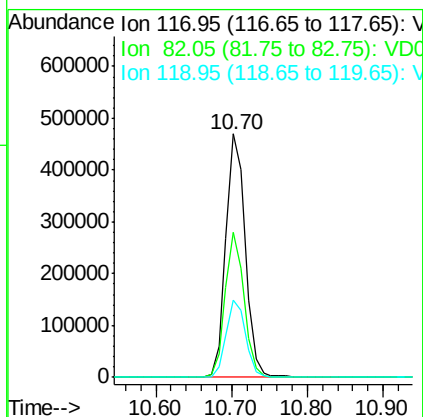
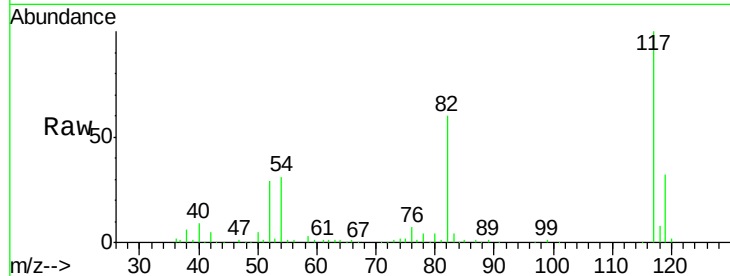
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058347.D
Acq: 23 Jun 2018 18:11

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-31-33-180619

Tgt Ion:117 Resp: 836927
Ion Ratio Lower Upper
117 100
82 59.6 47.0 70.6
119 31.6 25.3 37.9

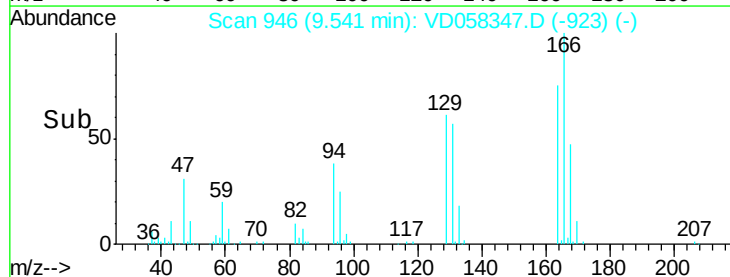
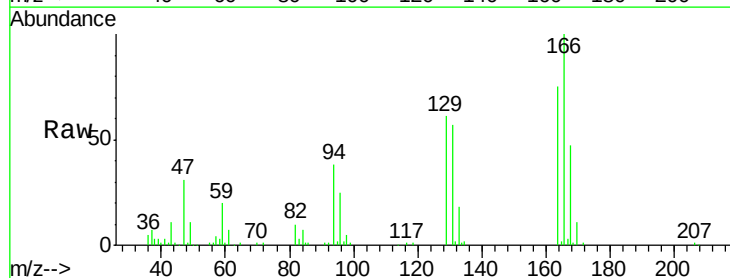
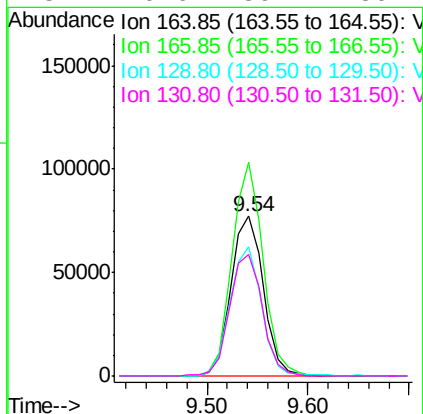
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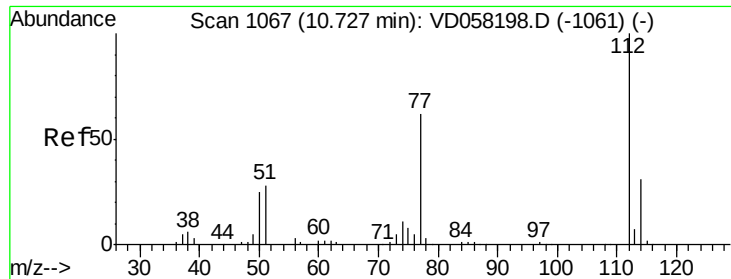
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#64
Tetrachloroethene
Concen: 24.414 ug/l
RT: 9.54 min Scan# 946
Delta R.T. 0.02 min
Lab File: VD058347.D
Acq: 23 Jun 2018 18:11

Tgt Ion:164 Resp: 171924
Ion Ratio Lower Upper
164 100
166 133.8 105.4 158.0
129 81.1 59.6 89.4
131 76.6 59.4 89.2





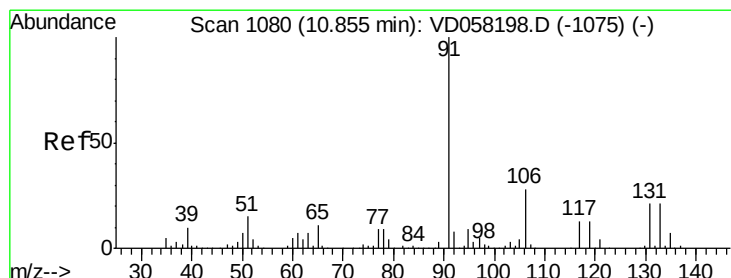
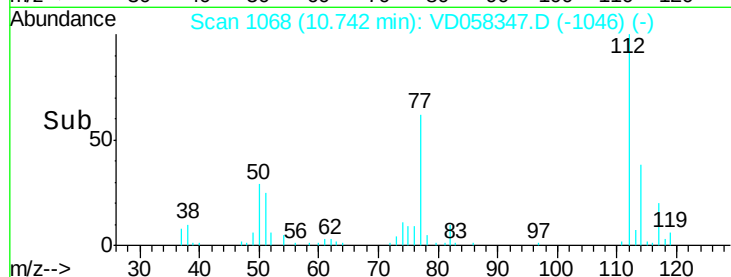
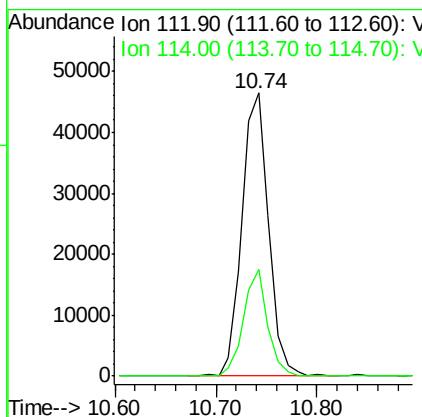
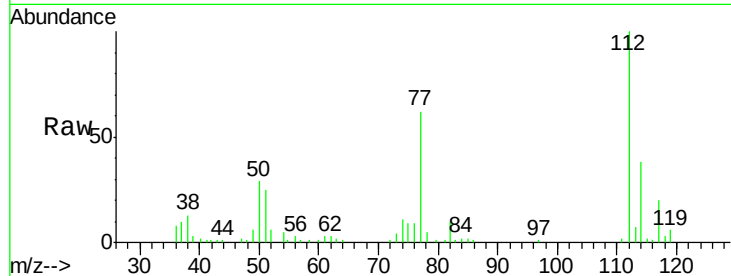
#65
Chlorobenzene
Concen: 5.464 ug/l
RT: 10.74 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VD058347.D
Acq: 23 Jun 2018 18:11

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-31-33-180619

Tgt Ion: 112 Resp: 85540
Ion Ratio Lower Upper
112 100
114 37.6 25.0 37.4#

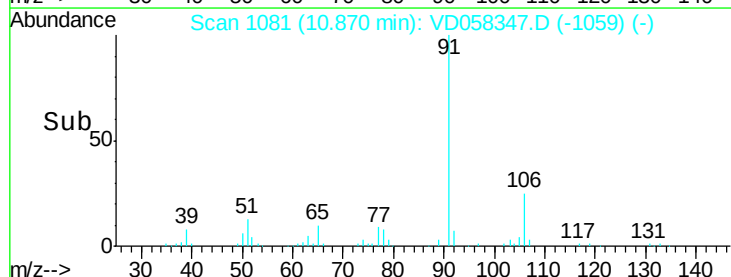
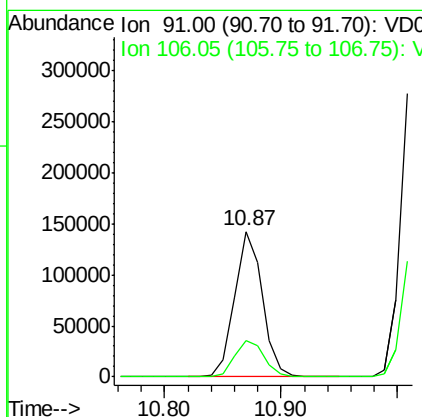
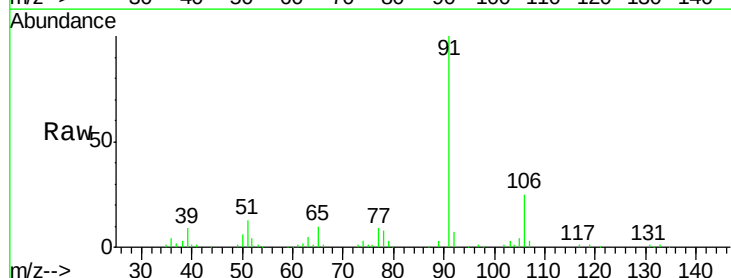
Manual Integrations
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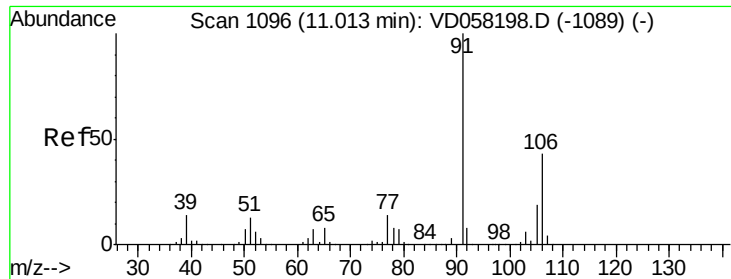
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#67
Ethyl Benzene
Concen: 8.526 ug/l
RT: 10.87 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VD058347.D
Acq: 23 Jun 2018 18:11

Tgt Ion: 91 Resp: 235637
Ion Ratio Lower Upper
91 100
106 25.0 22.0 33.0





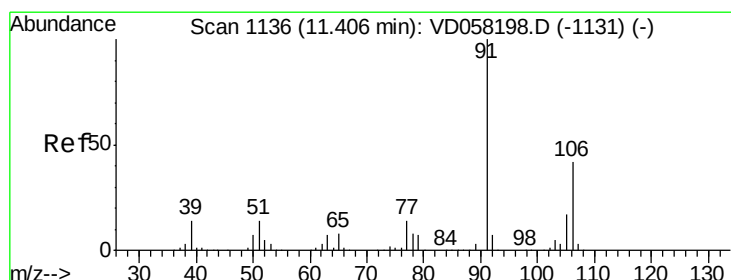
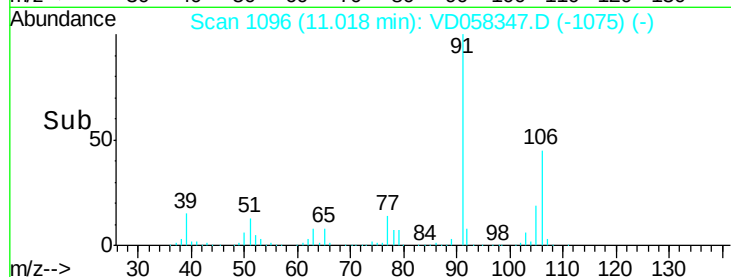
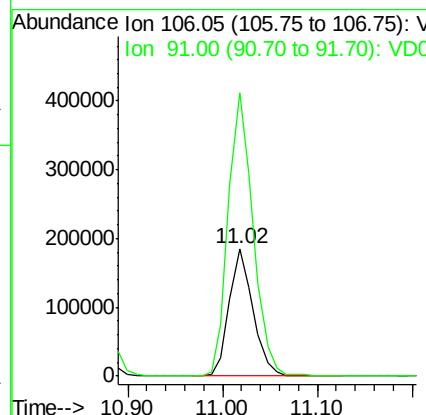
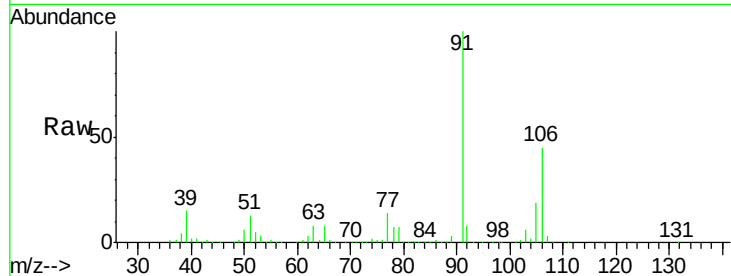
#68
m/p-Xylenes
Concen: 35.134 ug/l
RT: 11.02 min Scan# 1096
Delta R.T. 0.01 min
Lab File: VD058347.D
Acq: 23 Jun 2018 18:11

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-31-33-180619

Tgt Ion:106 Resp: 323820
Ion Ratio Lower Upper
106 100
91 222.4 185.0 277.6

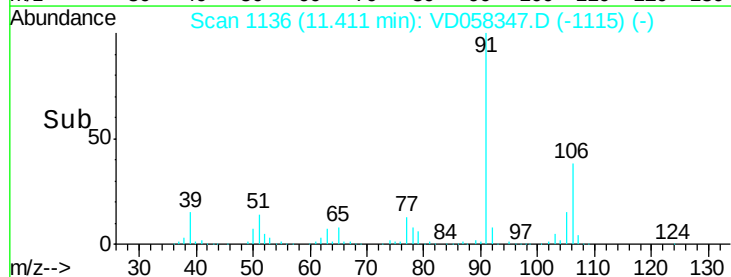
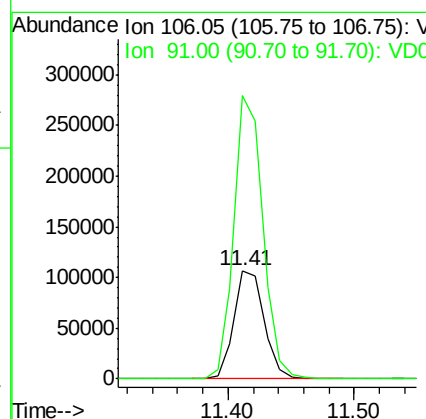
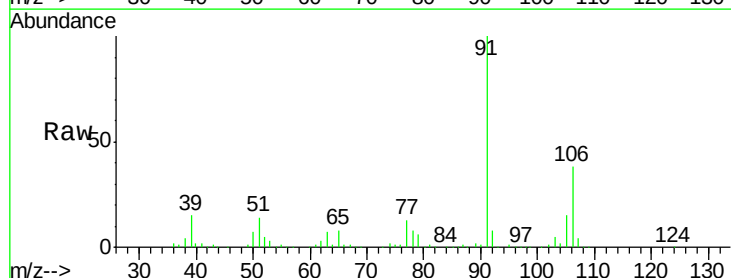
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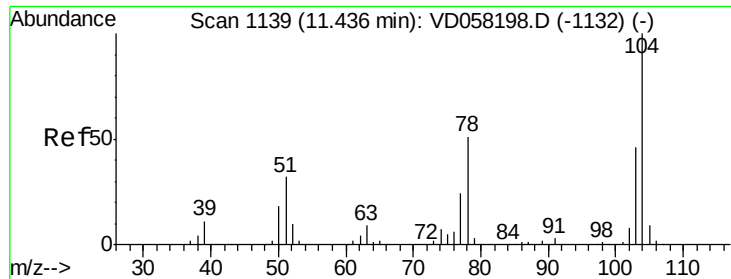
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#69
o-Xylene
Concen: 20.059 ug/l
RT: 11.41 min Scan# 1136
Delta R.T. 0.01 min
Lab File: VD058347.D
Acq: 23 Jun 2018 18:11

Tgt Ion:106 Resp: 176579
Ion Ratio Lower Upper
106 100
91 260.8 120.2 360.6





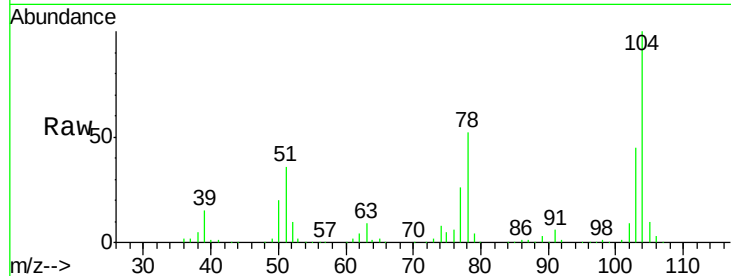
#70
Styrene
 Concen: 30.404 ug/l
 RT: 11.44 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VD058347.D
 Acq: 23 Jun 2018 18:11

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-31-33-180619

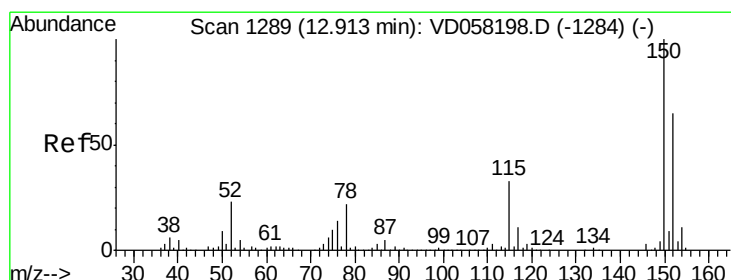
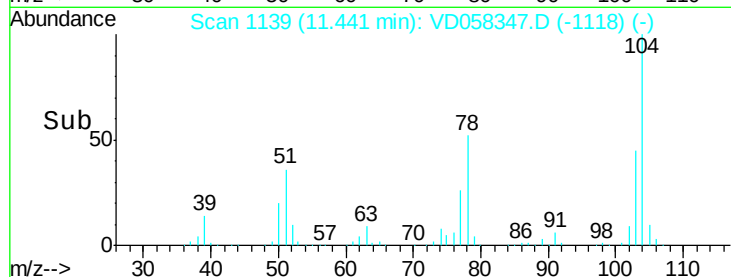
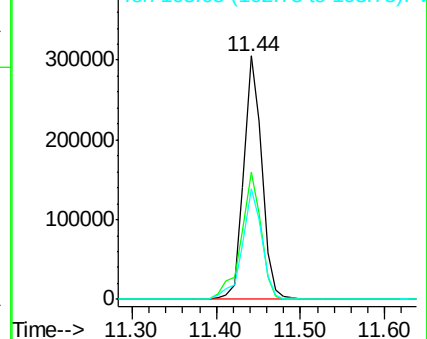
Tgt Ion	Ratio	Resp	Lower	Upper
104	100	456709		
78	52.1	40.8	61.2	
103	45.2	37.0	55.6	

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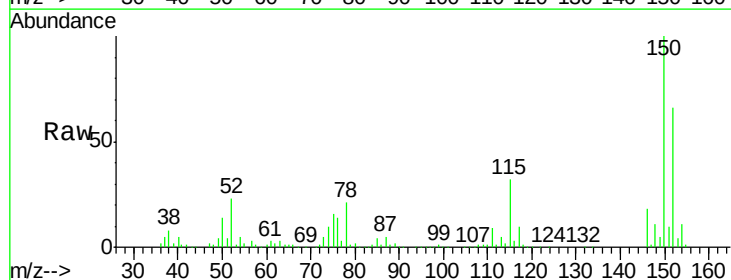


Abundance Ion 104.05 (103.75 to 104.75): V
 Ion 77.95 (77.65 to 78.65): V
 Ion 103.05 (102.75 to 103.75): V

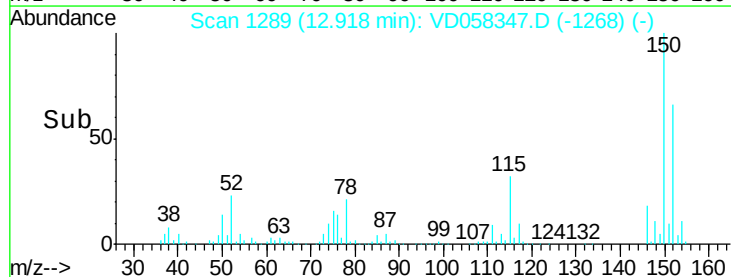
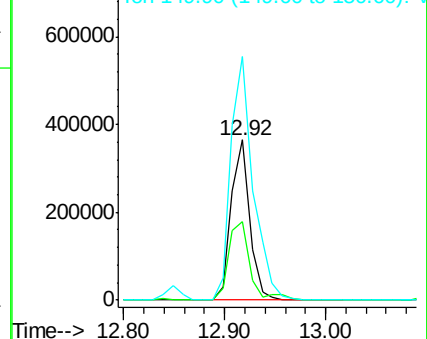


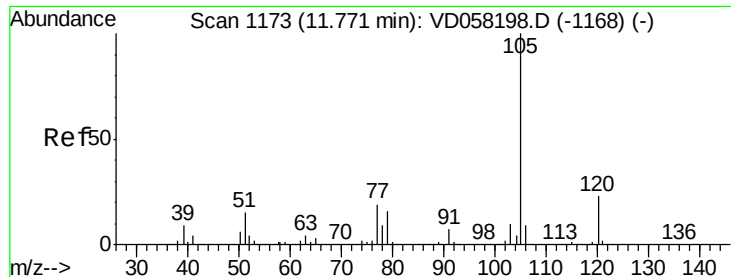
#72
1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.92 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: VD058347.D
 Acq: 23 Jun 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	467328		
115	48.7	25.1	75.3	
150	152.3	0.0	308.8	



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: 1.503 ug/l

RT: 11.79 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VD058347.D

Acq: 23 Jun 2018 18:11

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-31-33-180619

Tgt Ion: 105 Resp: 42008

Ion Ratio Lower Upper

105 100

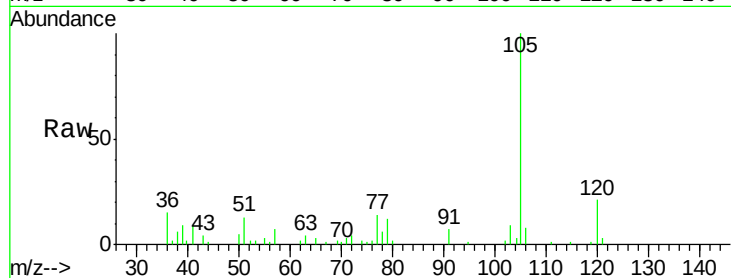
120 20.9 11.6 34.8

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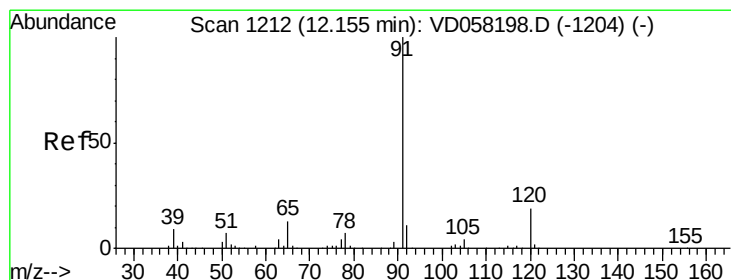
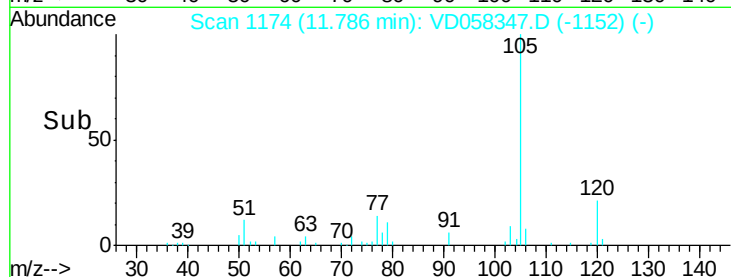
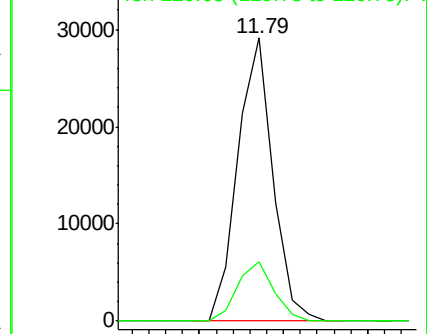
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Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#78

n-propylbenzene

Concen: 2.699 ug/l

RT: 12.16 min Scan# 1212

Delta R.T. 0.01 min

Lab File: VD058347.D

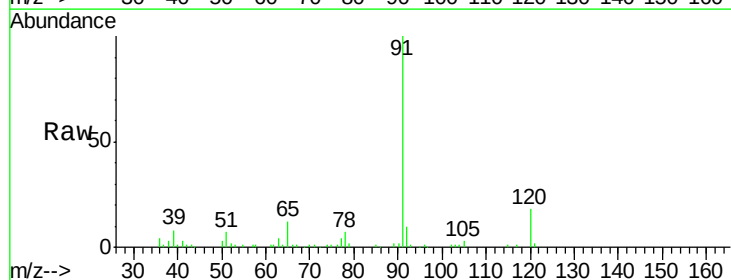
Acq: 23 Jun 2018 18:11

Tgt Ion: 91 Resp: 97431

Ion Ratio Lower Upper

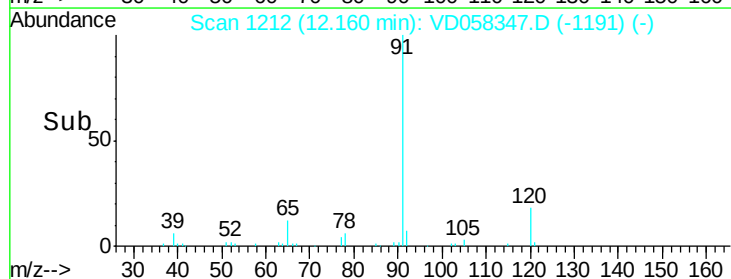
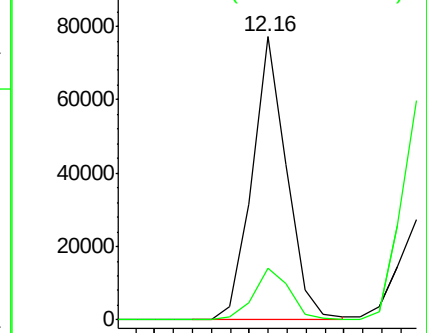
91 100

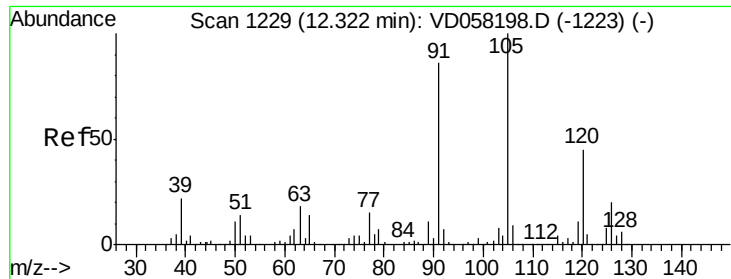
120 18.2 9.7 29.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#80

1,3,5-Trimethylbenzene

Concen: 12.251 ug/l

RT: 12.33 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VD058347.D

Acq: 23 Jun 2018 18:11

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-31-33-180619

Tgt Ion:105 Resp: 267099

Ion Ratio Lower Upper

105 100

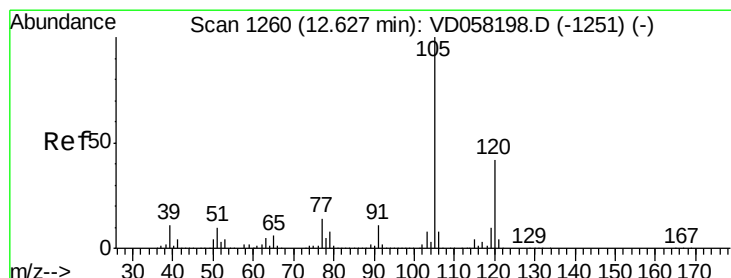
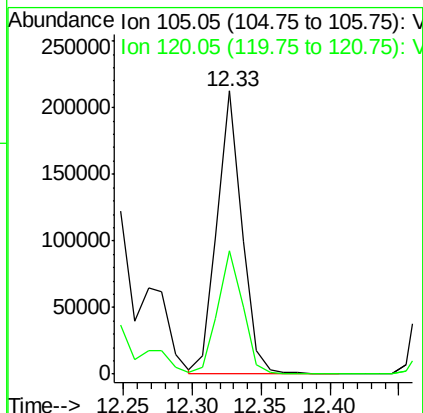
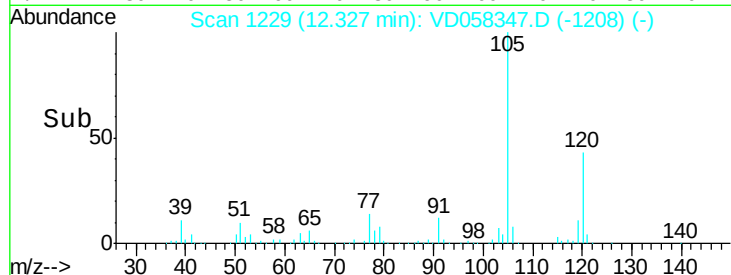
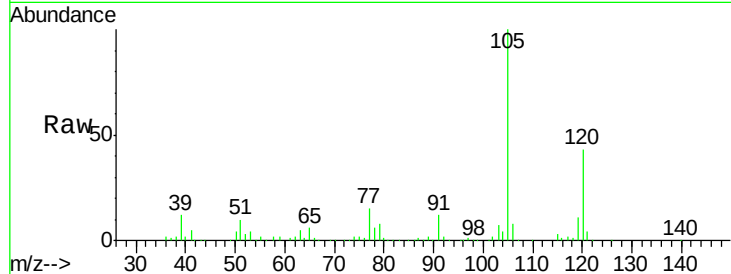
120 43.5 22.5 67.5

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#84

1,2,4-Trimethylbenzene

Concen: 30.092 ug/l

RT: 12.63 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VD058347.D

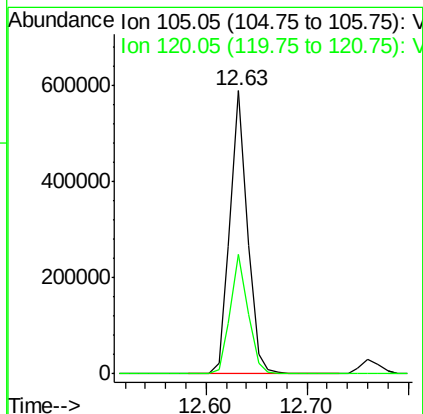
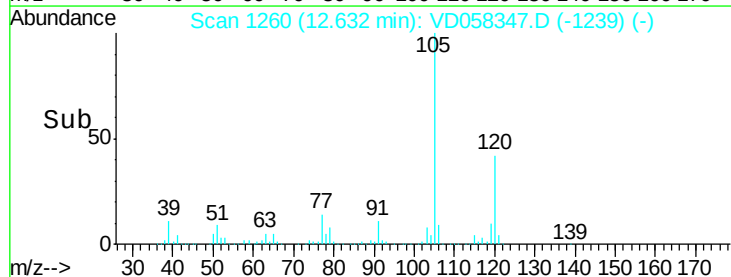
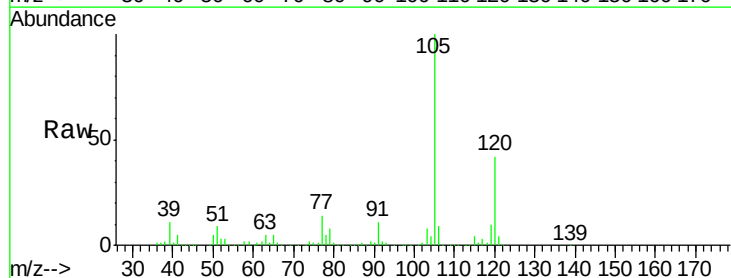
Acq: 23 Jun 2018 18:11

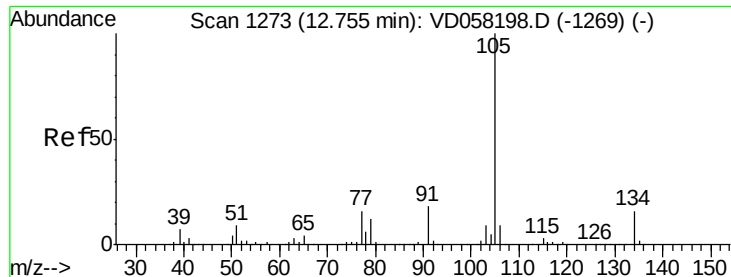
Tgt Ion:105 Resp: 713173

Ion Ratio Lower Upper

105 100

120 42.0 20.8 62.4





#85

sec-Butylbenzene

Concen: 1.363 ug/l

RT: 12.76 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VD058347.D

Acq: 23 Jun 2018 18:11

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-31-33-180619

Tgt Ion:105 Resp: 40056

Ion Ratio Lower Upper

105 100

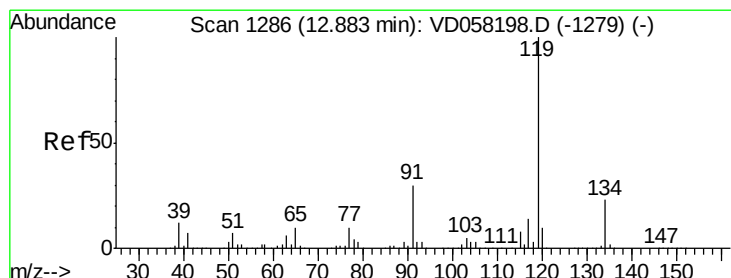
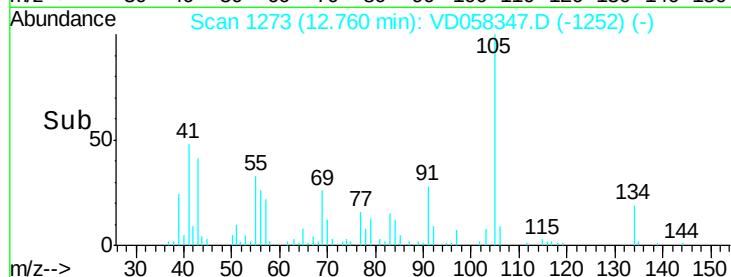
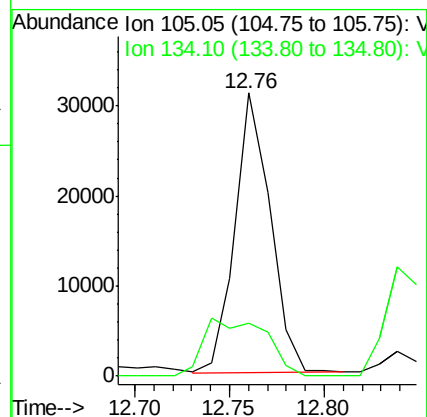
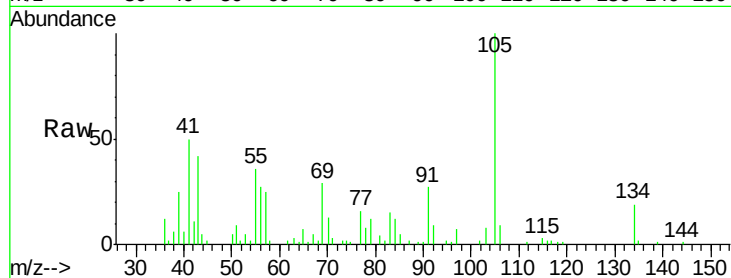
134 18.7 8.1 24.3

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#86

p-Isopropyltoluene

Concen: 1.407 ug/l

RT: 12.89 min Scan# 1286

Delta R.T. 0.01 min

Lab File: VD058347.D

Acq: 23 Jun 2018 18:11

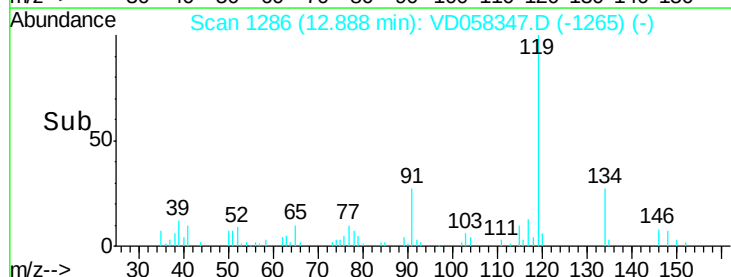
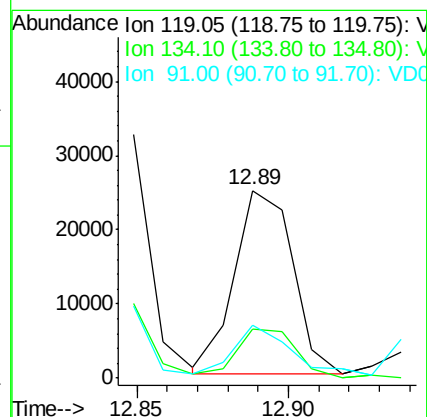
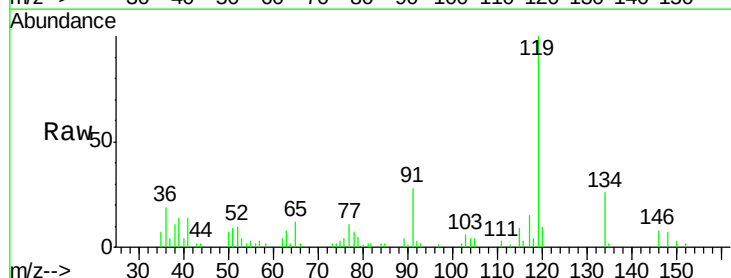
Tgt Ion:119 Resp: 33495

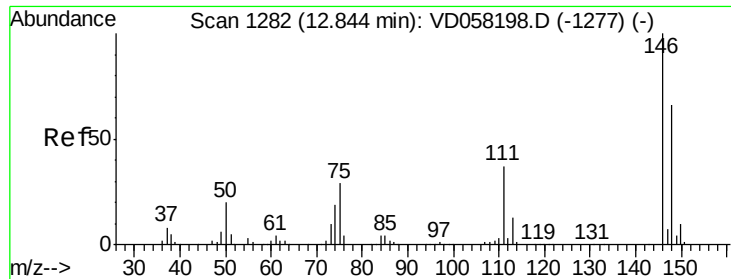
Ion Ratio Lower Upper

119 100

134 26.0 11.6 34.8

91 28.2 15.0 45.1





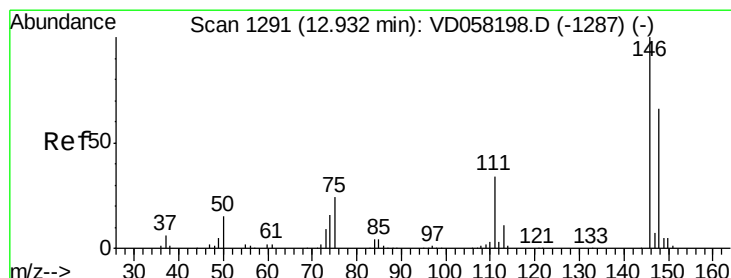
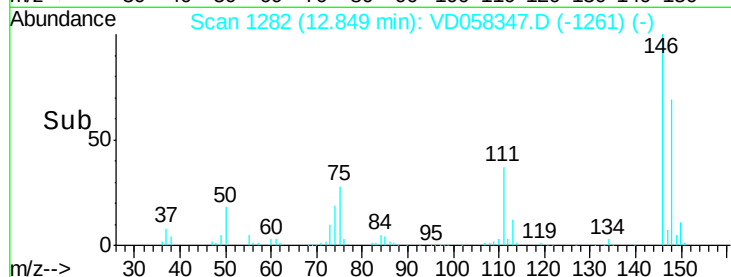
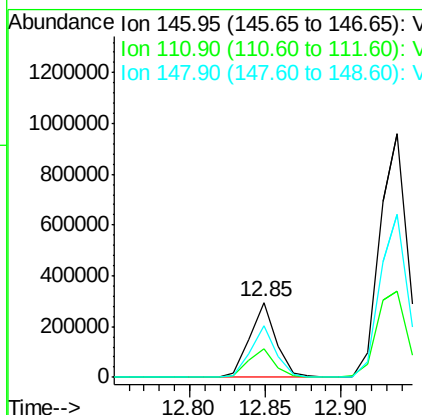
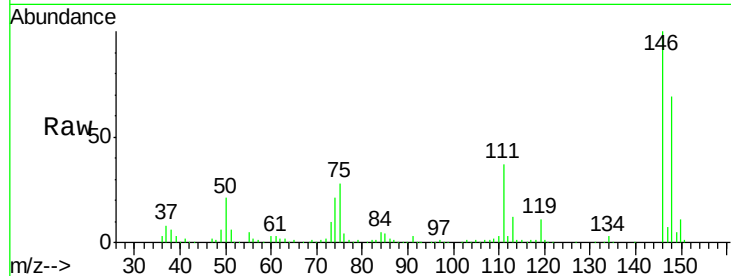
#87
 1,3-Dichlorobenzene
 Concen: 24.673 ug/l
 RT: 12.85 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: VD058347.D
 Acq: 23 Jun 2018 18:11

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-31-33-180619

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.0
148	69.2	32.8	98.4

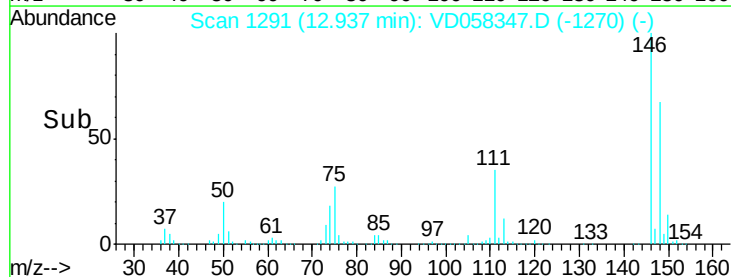
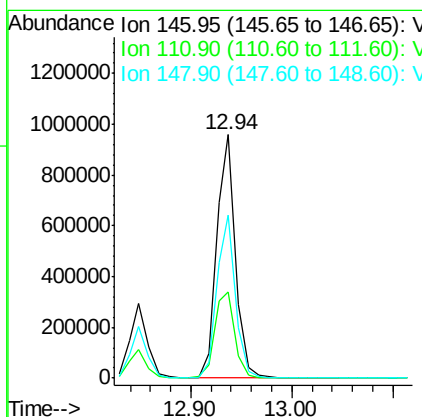
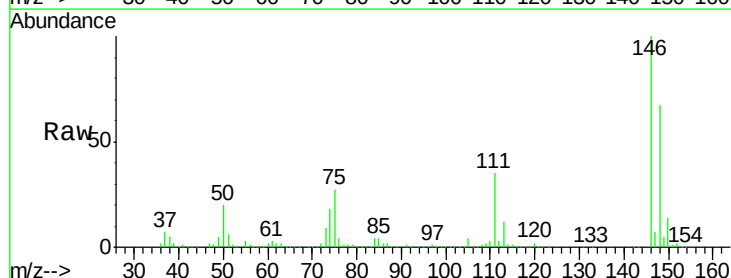
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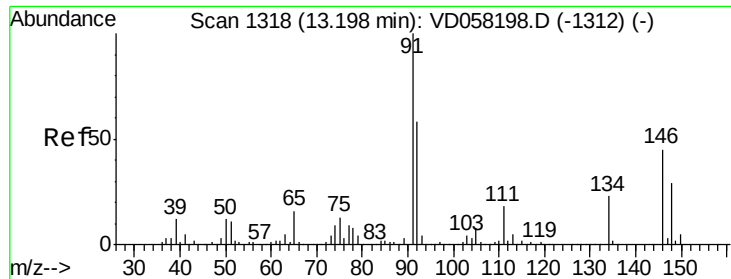
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#88
 1,4-Dichlorobenzene
 Concen: 87.477 ug/l
 RT: 12.94 min Scan# 1291
 Delta R.T. 0.01 min
 Lab File: VD058347.D
 Acq: 23 Jun 2018 18:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.3	17.2	51.5
148	66.7	33.1	99.3





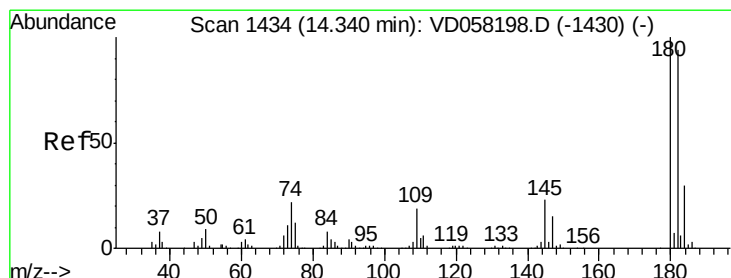
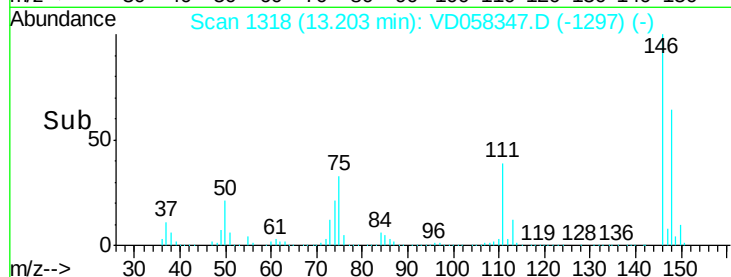
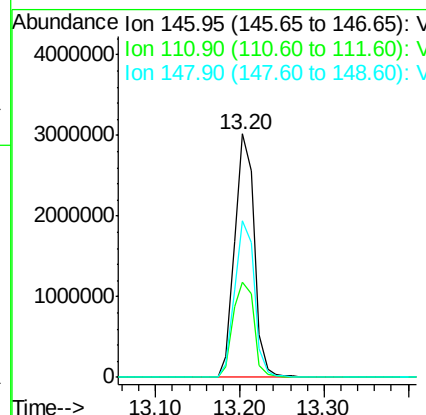
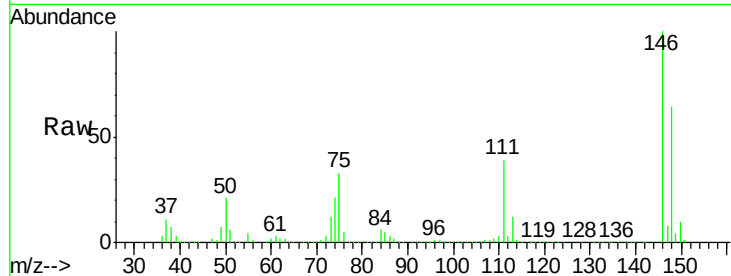
#91
 1,2-Dichlorobenzene
 Concen: 395.677 ug/l
 RT: 13.20 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: VD058347.D
 Acq: 23 Jun 2018 18:11

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-31-33-180619

Tgt Ion:146 Resp: 4898847
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.6 58.7
 148 64.1 32.0 96.2

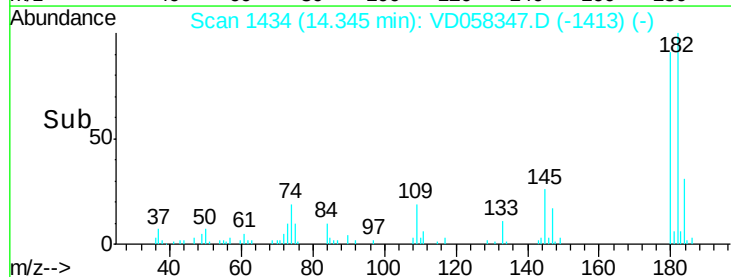
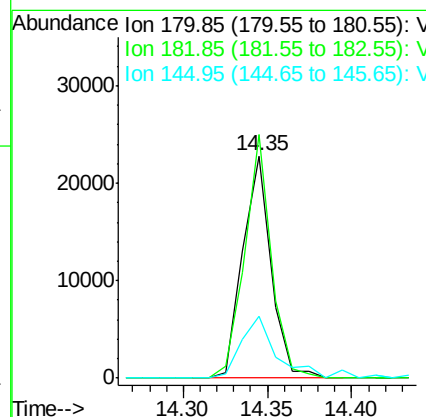
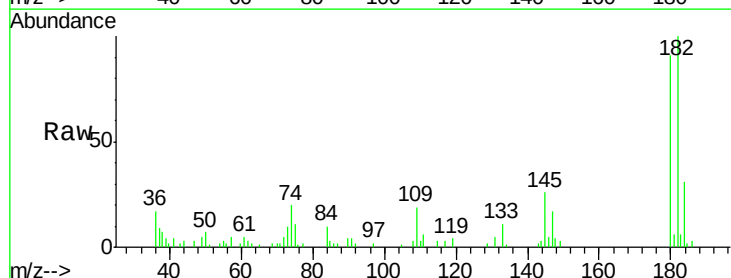
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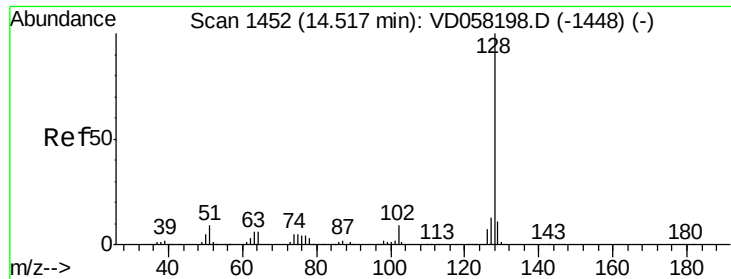
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#93
 1,2,4-Trichlorobenzene
 Concen: 2.248 ug/l
 RT: 14.35 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VD058347.D
 Acq: 23 Jun 2018 18:11

Tgt Ion:180 Resp: 26616
 Ion Ratio Lower Upper
 180 100
 182 109.5 47.1 141.3
 145 28.0 11.7 35.0





#95
 Naphthalene
 Concen: 29.606 ug/l
 RT: 14.52 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: VD058347.D
 Acq: 23 Jun 2018 18:11

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-31-33-180619

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	461789		
127	12.4	10.0	15.0	
129	10.2	8.7	13.1	

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