

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
 Data File : VD058346.D
 Acq On : 23 Jun 2018 17:43
 Operator : VA/AP
 Sample : J3664-21
 Misc : 6.34g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-29-31-180619

Manual Integrations
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Quant Time: Jun 25 08:12:28 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	833692	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	6.73	114	1134857	50.00	ug/l	0.04
63) Chlorobenzene-d5	10.71	117	808823	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.91	152	447983	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	344066	40.86	ug/l	0.04
Spiked Amount	50.000		Recovery	=	81.72%	
35) Dibromofluoromethane	5.58	113	328714	35.59	ug/l	0.03
Spiked Amount	50.000		Recovery	=	71.18%	
50) Toluene-d8	8.75	98	695859	31.14	ug/l	0.04
Spiked Amount	50.000		Recovery	=	62.28%	
62) 4-Bromofluorobenzene	11.94	95	303008m	33.19	ug/l	0.01
Spiked Amount	50.000		Recovery	=	66.38%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.57	62	4127225	945.02	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.58	101	490637	128.88	ug/l	97
11) Tert butyl alcohol	3.28	59	16504	59.42	ug/l #	82
12) 1,1-Dichloroethene	2.58	96	1886709	658.72	ug/l	96
16) Acetone	2.64	43	122434	106.31	ug/l #	75
20) Methylene Chloride	3.09	84	1852315	675.76	ug/l	99
21) trans-1,2-Dichloroethene	3.41	96	241010	76.99	ug/l	88
22) Diisopropyl ether	4.09	45	41943	1.58	ug/l #	76
27) cis-1,2-Dichloroethene	4.83	96	30720182m	3927.21	ug/l	
30) Chloroform	5.35	83	1060492	70.42	ug/l	94
38) Carbon Tetrachloride	5.76	117	76937	6.90	ug/l	94
39) Methylcyclohexane	7.39	83	123114m	11.26	ug/l	
40) Benzene	6.05	78	359053	13.43	ug/l	100
42) 1,2-Dichloroethane	6.16	62	315604	29.27	ug/l	95
44) Trichloroethene	7.23	130	49774476m	6198.24	ug/l	
51) 4-Methyl-2-Pentanone	8.64	43	2367221	425.57	ug/l	98
52) Toluene	8.87	92	13319130	874.66	ug/l	95
55) 1,1,2-Trichloroethane	9.48	97	315430	58.55	ug/l	95
64) Tetrachloroethene	9.54	164	197241	28.98	ug/l	97
65) Chlorobenzene	10.74	112	159598	10.55	ug/l	100
67) Ethyl Benzene	10.88	91	430763	16.13	ug/l	98
68) m/p-Xylenes	11.02	106	573245	64.36	ug/l	100
69) o-Xylene	11.42	106	378549	44.50	ug/l	100
73) Isopropylbenzene	11.78	105	122278	4.56	ug/l	96
78) n-propylbenzene	12.16	91	297472	8.60	ug/l	98
80) 1,3,5-Trimethylbenzene	12.33	105	827212	39.58	ug/l	97
83) tert-Butylbenzene	12.58	119	60380	2.51	ug/l	90
84) 1,2,4-Trimethylbenzene	12.64	105	1852285	81.53	ug/l	99
85) sec-Butylbenzene	12.77	105	197543	7.01	ug/l	94
86) p-Isopropyltoluene	12.89	119	143228	6.28	ug/l	99
87) 1,3-Dichlorobenzene	12.85	146	509589	36.54	ug/l	99
88) 1,4-Dichlorobenzene	12.93	146	1651815	121.29	ug/l	94
91) 1,2-Dichlorobenzene	13.21	146	6250577	526.66	ug/l	97
93) 1,2,4-Trichlorobenzene	14.34	180	68545	6.04	ug/l	97

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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)
95) Naphthalene	14.52	128	899504	60.16	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	21172	2.13	ug/l	89

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

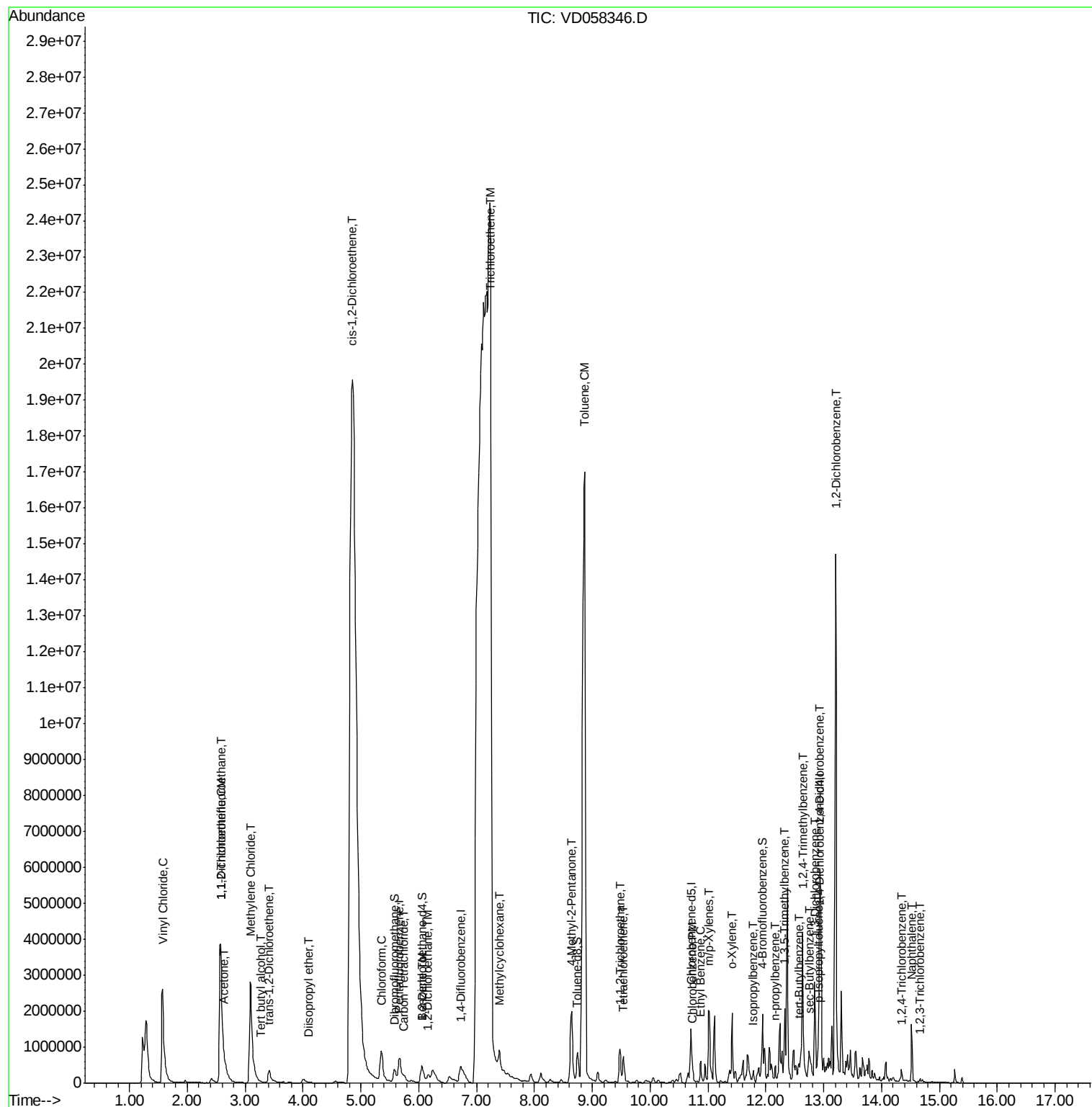
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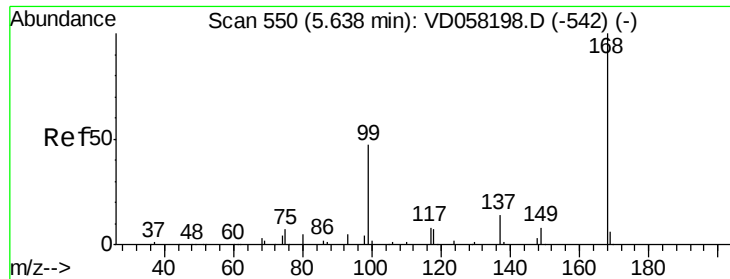
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#1

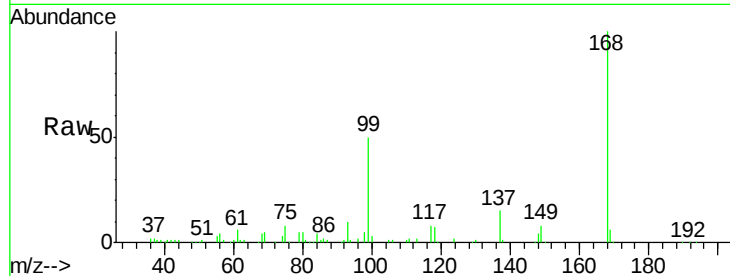
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 553
 Delta R.T. 0.03 min
 Lab File: VD058346.D
 Acq: 23 Jun 2018 17:43

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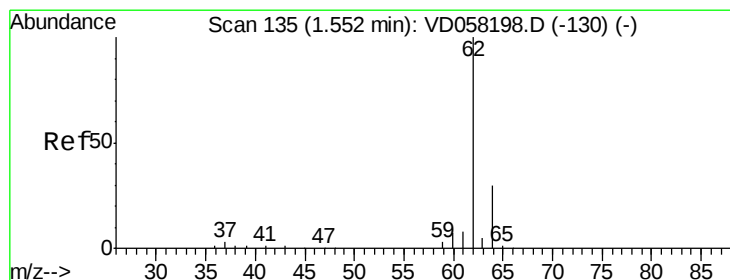
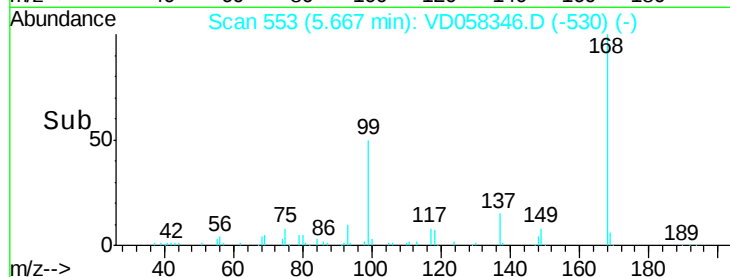
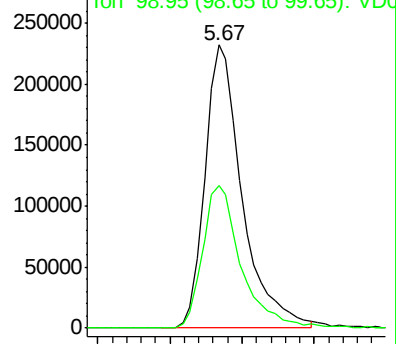
Tot Ion	Ratio	Lower	Upper
168	100		
99	50.2	41.1	61.7

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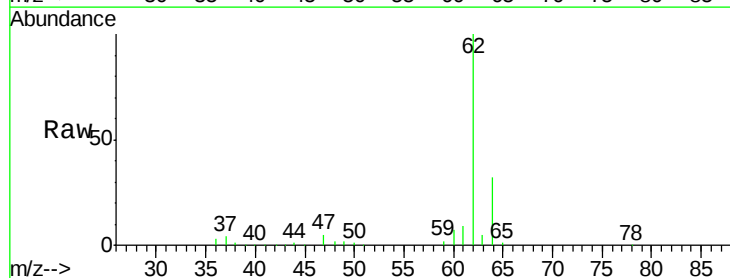
Abundance Ion 167.90 (167.60 to 168.60): V



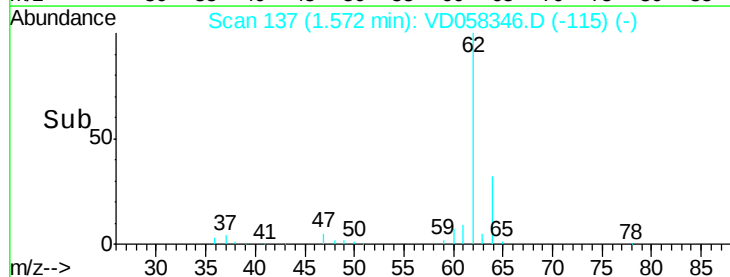
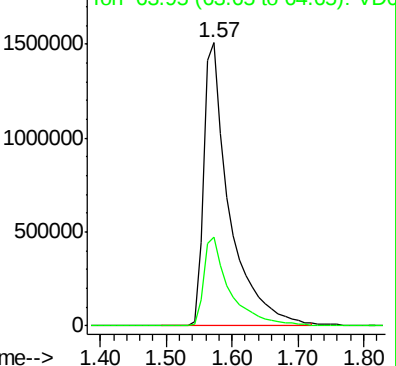
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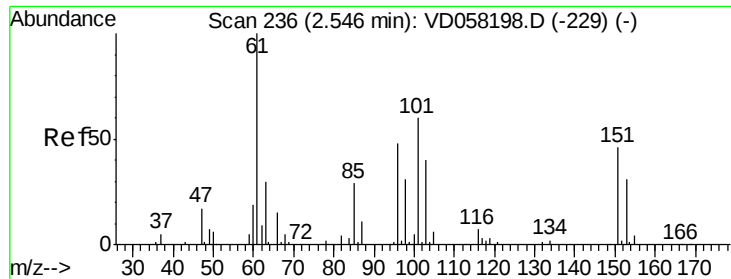
Vinyl Chloride
 Concen: 945.02 ug/l
 RT: 1.57 min Scan# 137
 Delta R.T. 0.02 min
 Lab File: VD058346.D
 Acq: 23 Jun 2018 17:43

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.6	24.4	36.6



Abundance Ion 61.95 (61.65 to 62.65): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 128.88 ug/l

RT: 2.58 min Scan# 239

Delta R.T. 0.03 min

Lab File: VD058346.D

Acq: 23 Jun 2018 17:43

Instrument :

MSVOA_D

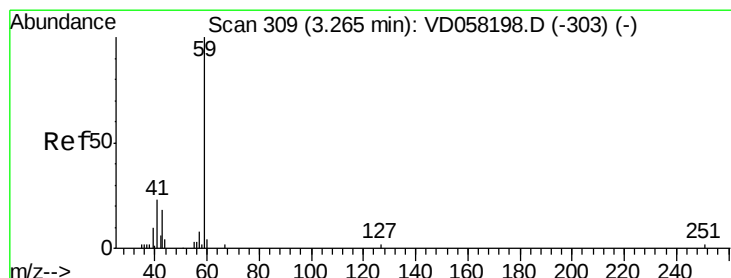
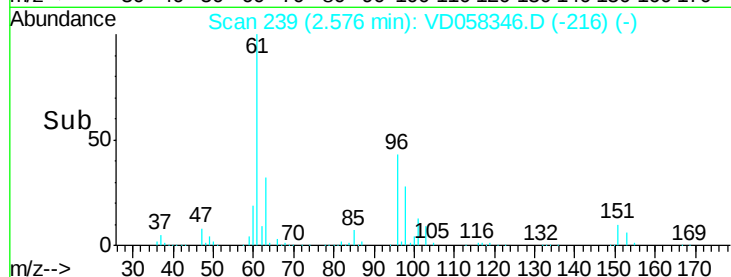
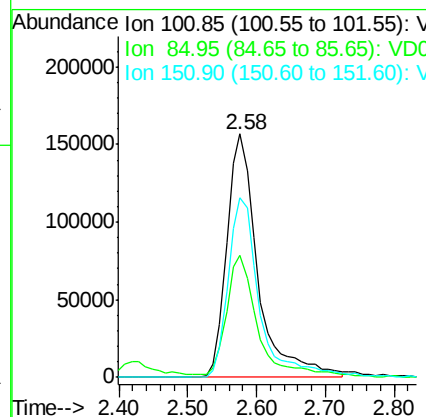
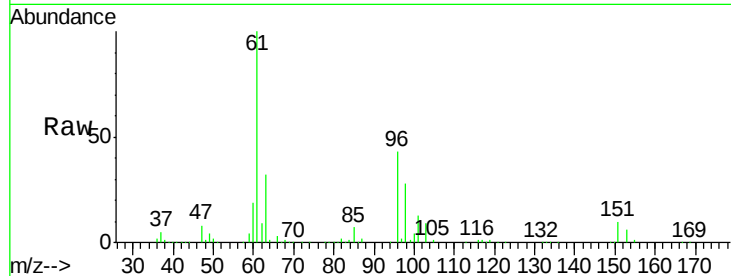
ClientSampleId :

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Tot Ion:	101	Resp:	490637
Ion Ratio	Lower	Upper	
101	100		
85	50.2	39.0	58.4
151	73.7	61.8	92.8

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#11

Tert butyl alcohol

Concen: 59.42 ug/l

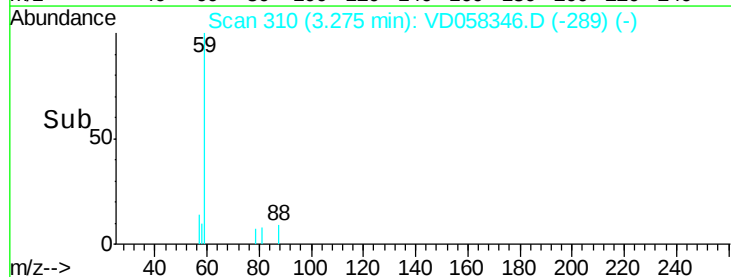
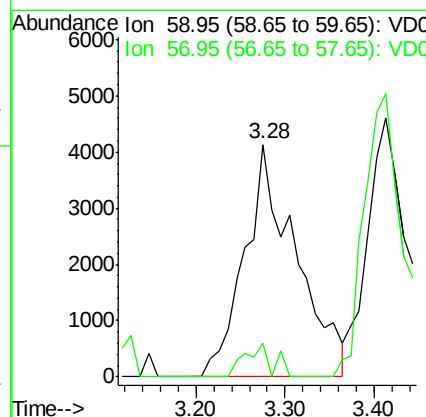
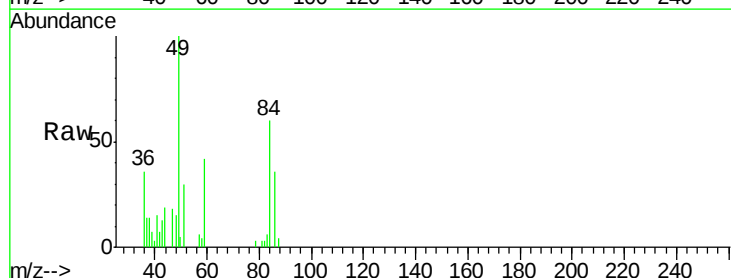
RT: 3.28 min Scan# 310

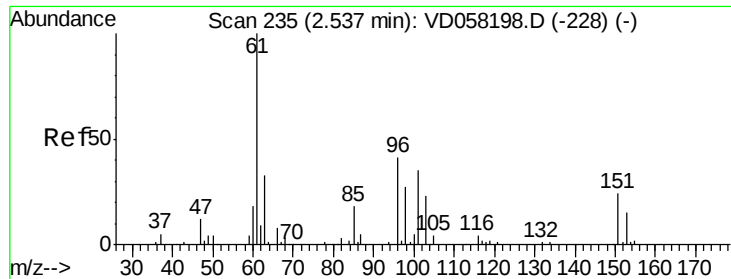
Delta R.T. 0.01 min

Lab File: VD058346.D

Acq: 23 Jun 2018 17:43

Tgt Ion:	59	Resp:	16504
Ion Ratio	Lower	Upper	
59	100		
57	14.3	6.2	9.4#





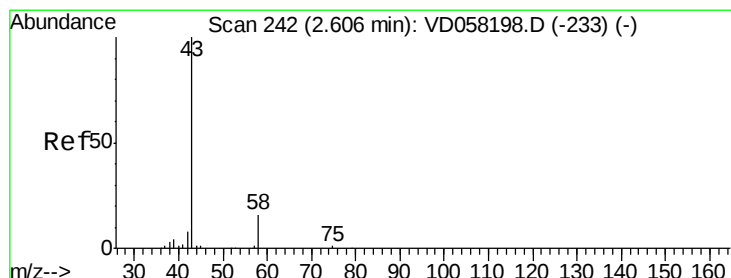
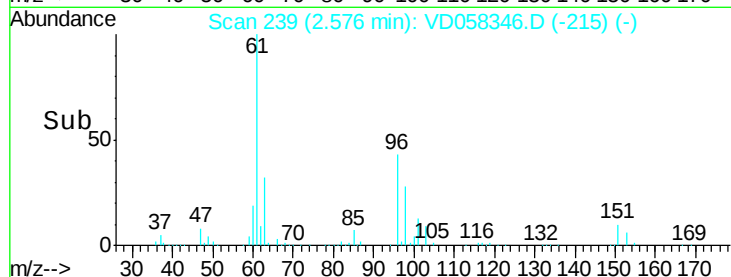
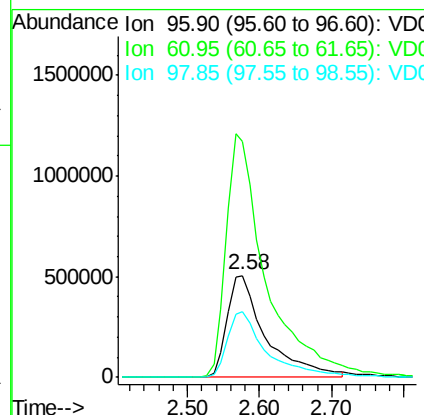
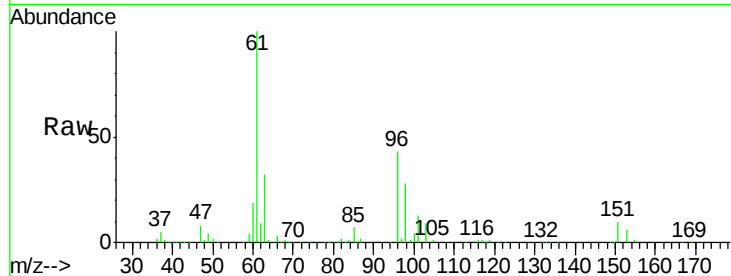
#12
 1,1-Dichloroethene
 Concen: 658.72 ug/l
 RT: 2.58 min Scan# 239
 Delta R.T. 0.04 min
 Lab File: VD058346.D
 Acq: 23 Jun 2018 17:43

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Tot Ion: 96 Resp: 1886709
 Ion Ratio Lower Upper
 96 100
 61 232.8 193.9 290.9
 98 64.7 51.7 77.5

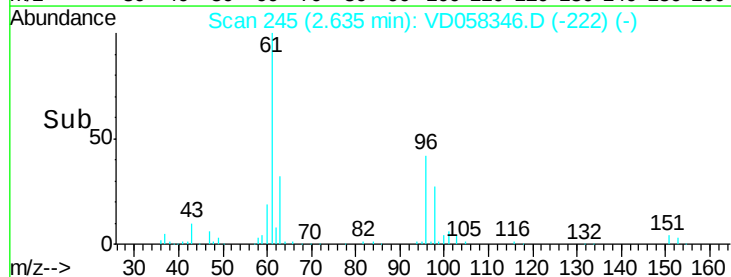
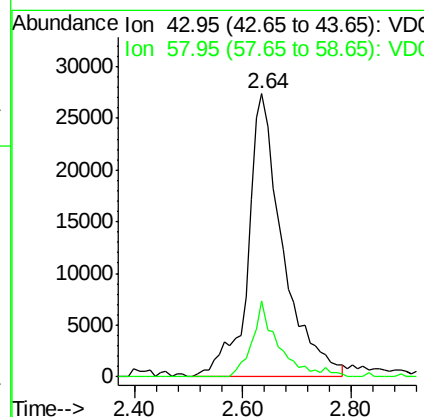
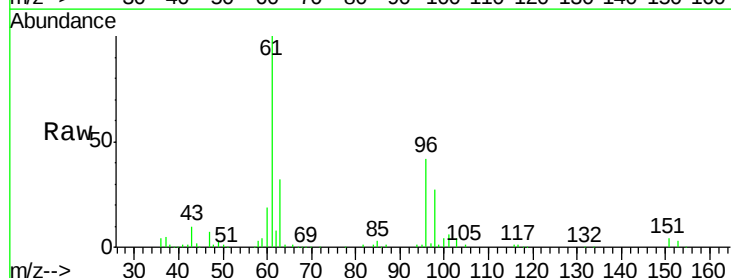
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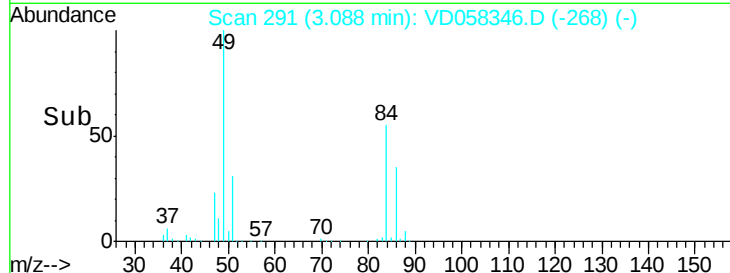
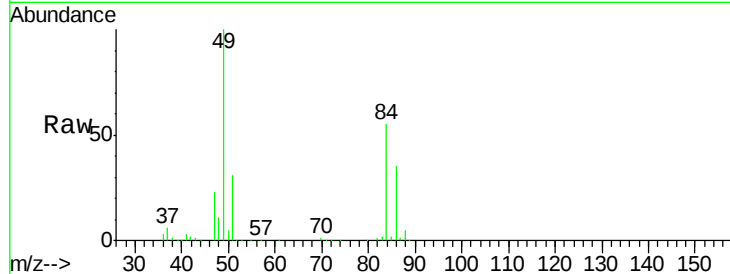
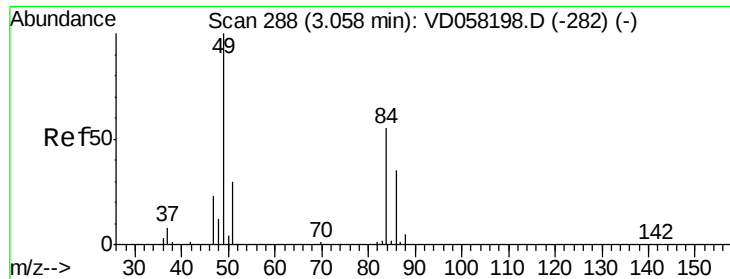
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#16
 Acetone
 Concen: 106.31 ug/l
 RT: 2.64 min Scan# 245
 Delta R.T. 0.03 min
 Lab File: VD058346.D
 Acq: 23 Jun 2018 17:43

Tgt Ion: 43 Resp: 122434
 Ion Ratio Lower Upper
 43 100
 58 26.7 12.7 19.1#

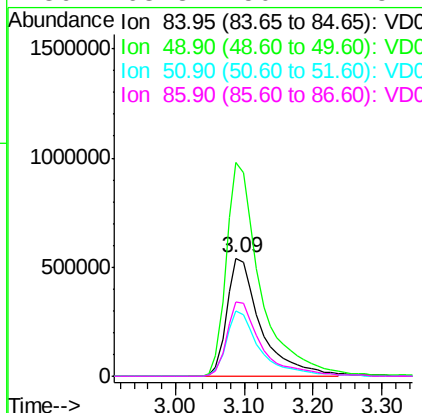




#20
Methvlene Chloride
Concen: 675.76 ug/l
RT: 3.09 min Scan# 291
Delta R.T. 0.03 min
Lab File: VD058346.D
Acq: 23 Jun 2018 17:43

Tot Ion: 84 Resp: 1852315

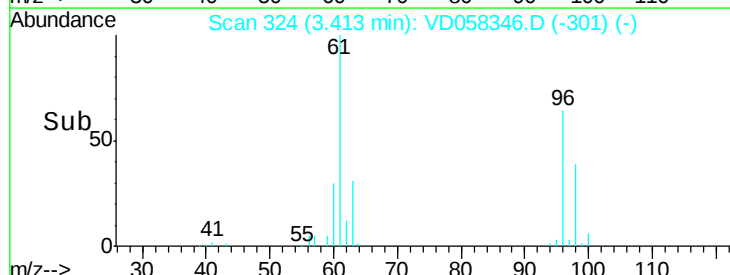
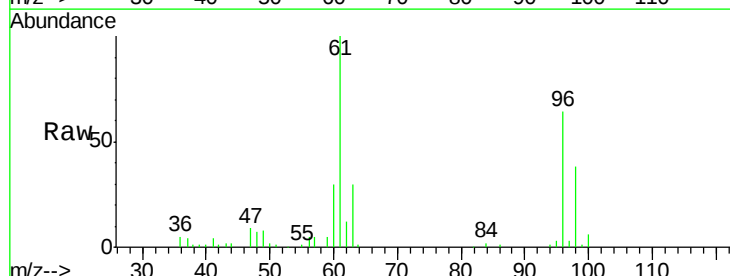
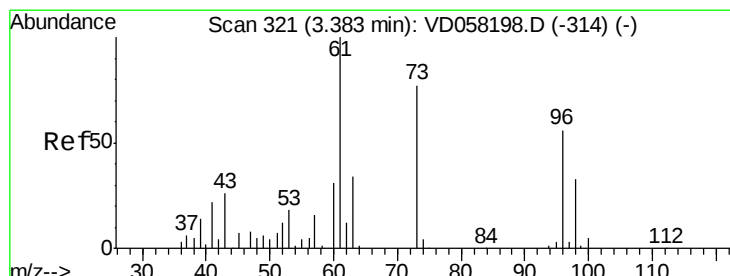
Ion	Ratio	Lower	Upper
84	100		
49	180.8	145.0	217.6
51	55.5	42.9	64.3
86	63.3	50.1	75.1



Instrument :
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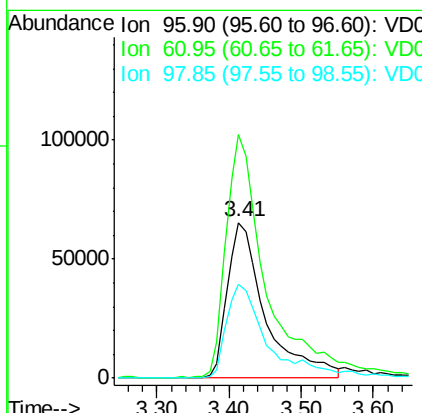
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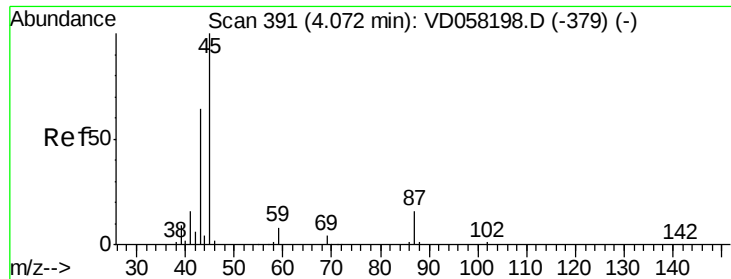


#21
trans-1,2-Dichloroethene
Concen: 76.99 ug/l
RT: 3.41 min Scan# 324
Delta R.T. 0.03 min
Lab File: VD058346.D
Acq: 23 Jun 2018 17:43

Tgt Ion: 96 Resp: 241010

Ion	Ratio	Lower	Upper
96	100		
61	156.2	143.8	215.6
98	60.1	48.0	72.0





#22

Diisopropyl ether

Concen: 1.58 ug/l

RT: 4.09 min Scan# 393

Delta R.T. 0.02 min

Lab File: VD058346.D

Acq: 23 Jun 2018 17:43

Instrument :

MSVOA_D

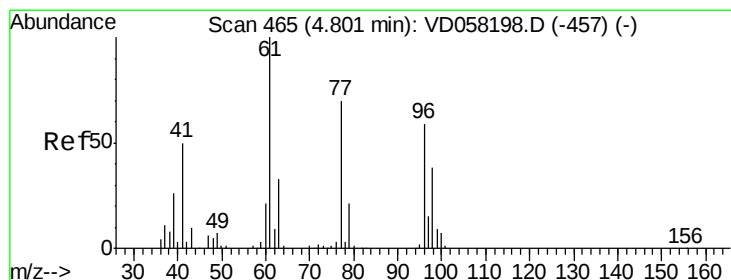
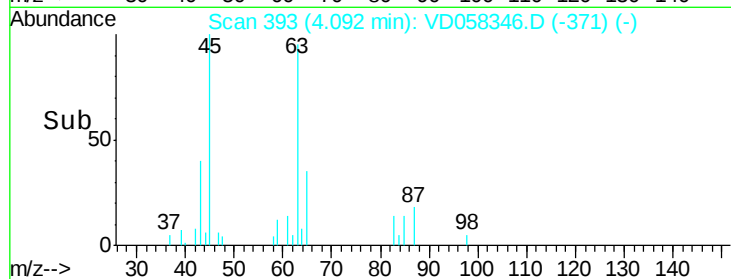
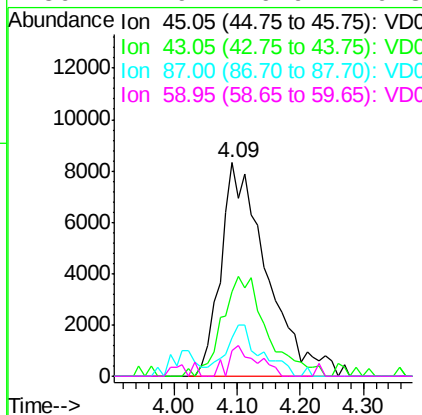
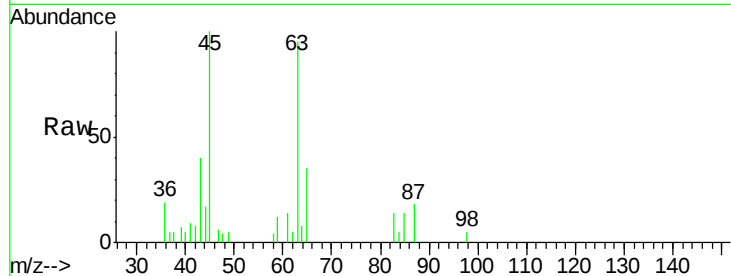
ClientSampleId :

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Tot Ion	45	Resp	41943
Ion Ratio	Lower	Upper	
45	100		
43	39.9	51.4	77.0#
87	17.8	13.0	19.4
59	11.9	6.9	10.3#

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#27

cis-1,2-Dichloroethene

Concen: 3927.21 ug/l m

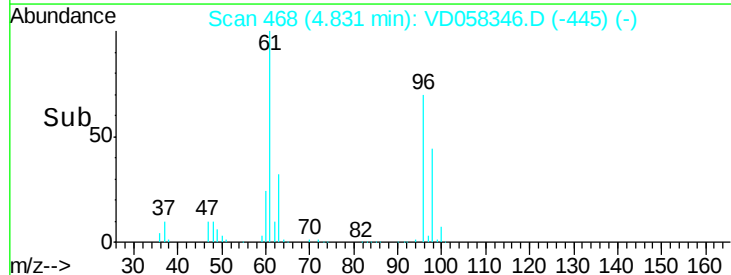
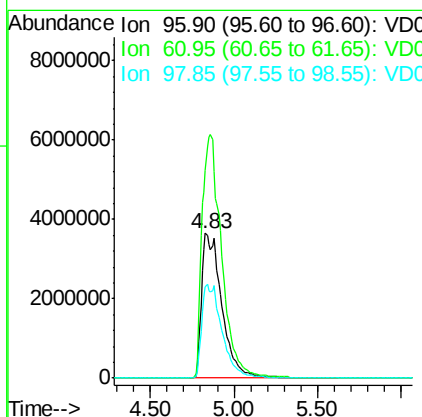
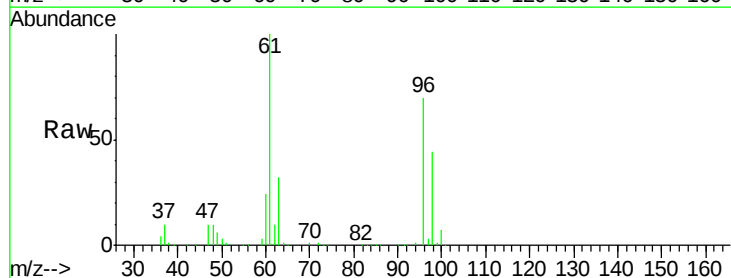
RT: 4.83 min Scan# 468

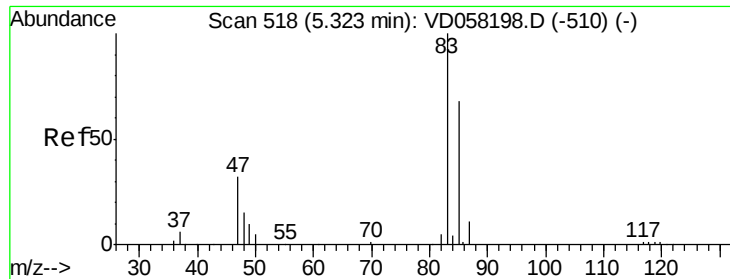
Delta R.T. 0.03 min

Lab File: VD058346.D

Acq: 23 Jun 2018 17:43

Tgt Ion	96	Resp	30720182
Ion Ratio	Lower	Upper	
96	100		
61	143.3	0.0	338.6
98	63.5	0.0	130.2





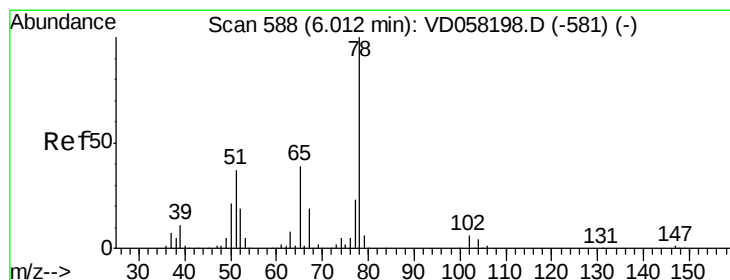
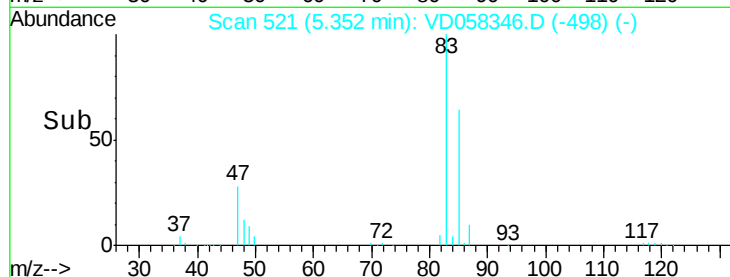
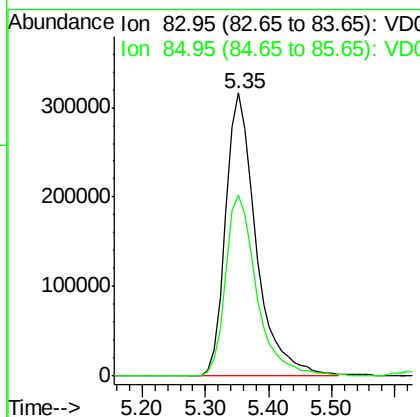
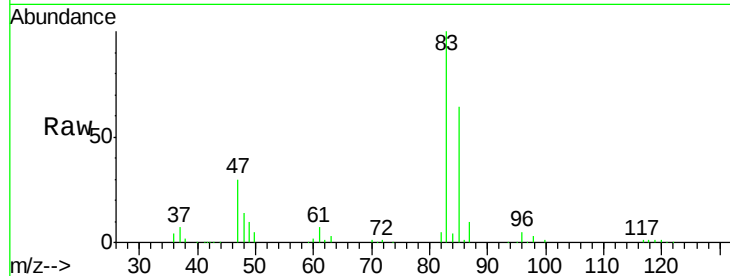
#30
Chloroform
Concen: 70.42 ug/l
RT: 5.35 min Scan# 521
Delta R.T. 0.03 min
Lab File: VD058346.D
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Tot Ion: 83 Resp: 1060492
Ion Ratio Lower Upper
83 100
85 63.8 54.8 82.2

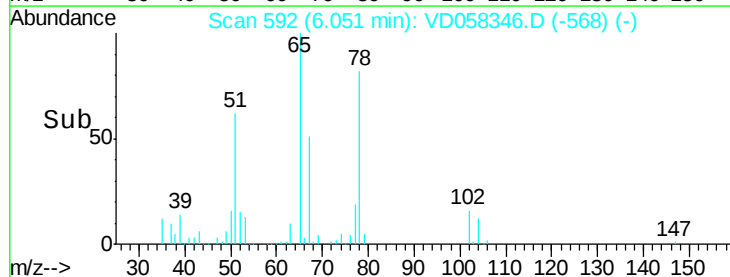
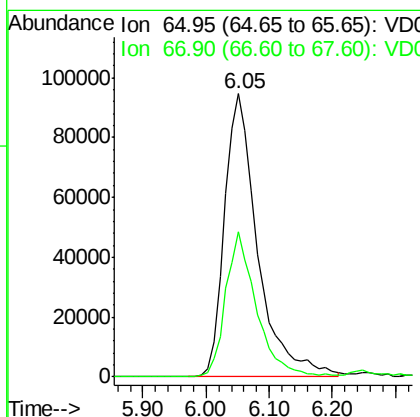
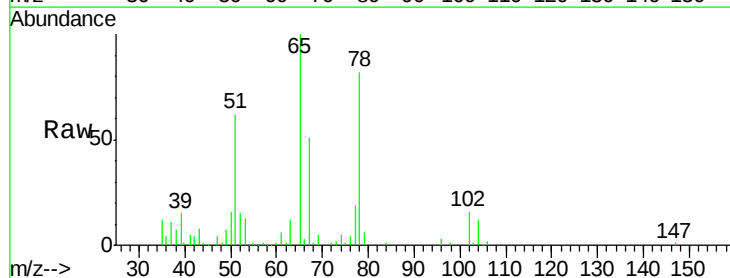
Manual Integrations
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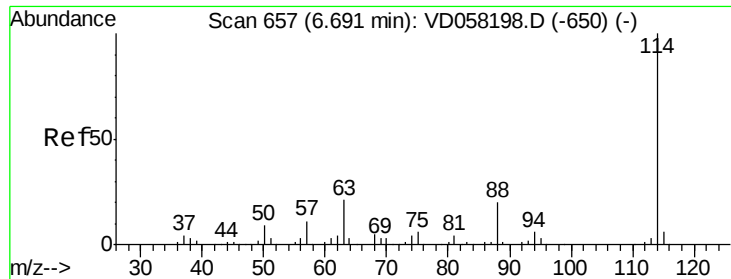
apatel
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#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.05 min Scan# 592
Delta R.T. 0.04 min
Lab File: VD058346.D
Acq: 23 Jun 2018 17:43

Tgt Ion: 65 Resp: 344066
Ion Ratio Lower Upper
65 100
67 51.2 0.0 97.8





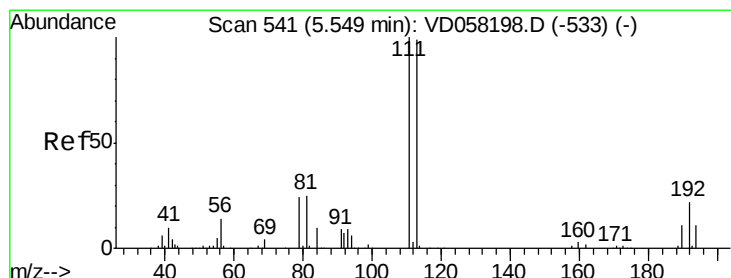
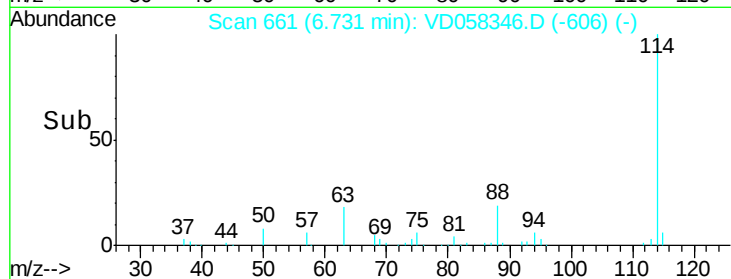
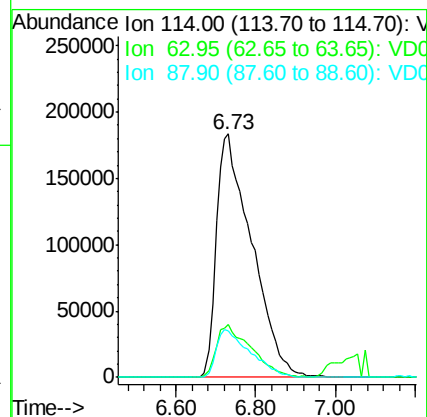
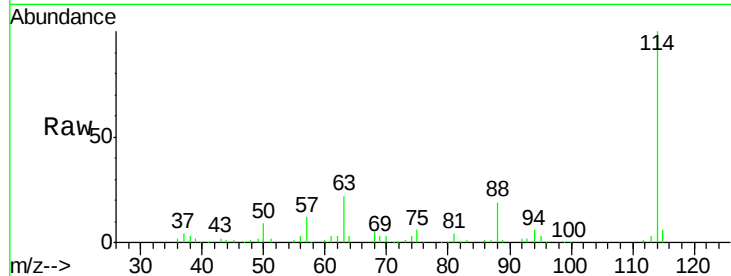
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.73 min Scan# 661
 Delta R.T. 0.04 min
 Lab File: VD058346.D
 Acq: 23 Jun 2018 17:43

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-29-31-180619

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	42.6
88	19.0	0.0	40.6

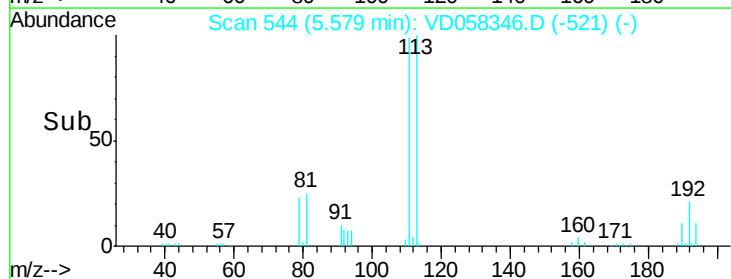
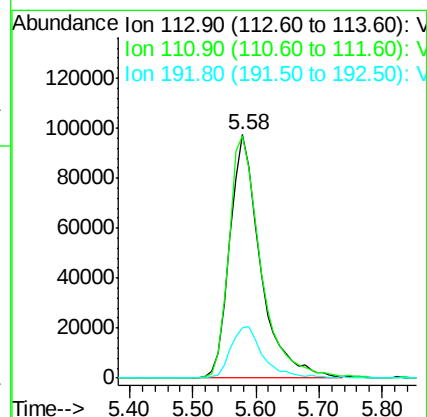
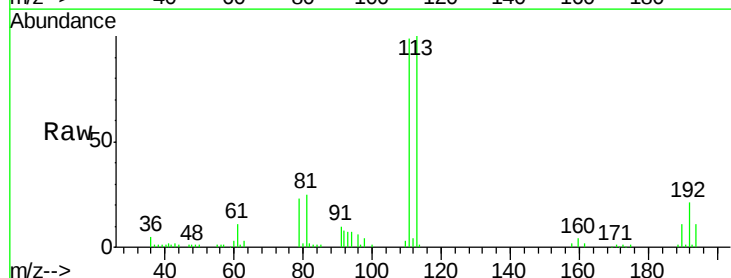
Manual Integrations
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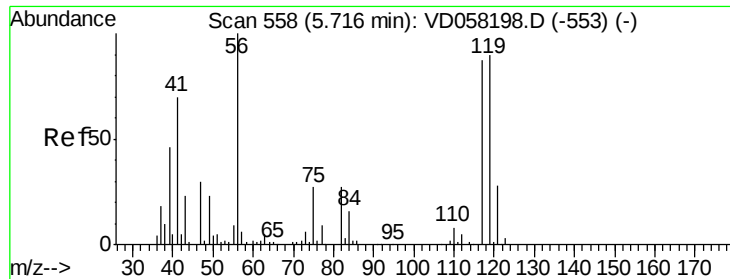
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#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.58 min Scan# 544
 Delta R.T. 0.03 min
 Lab File: VD058346.D
 Acq: 23 Jun 2018 17:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.5	80.6	121.0
192	20.7	17.8	26.6





#38

Carbon Tetrachloride

Concen: 6.90 ug/l

RT: 5.76 min Scan# 562

Delta R.T. 0.04 min

Lab File: VD058346.D

Acq: 23 Jun 2018 17:43

Instrument :

MSVOA_D

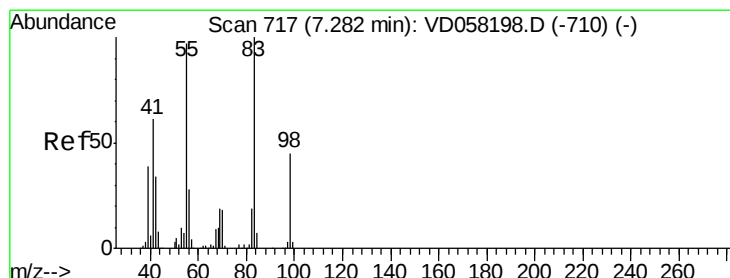
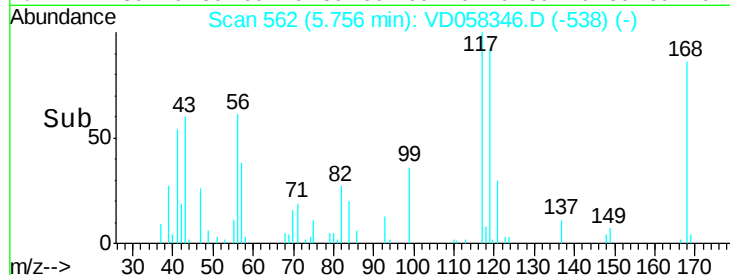
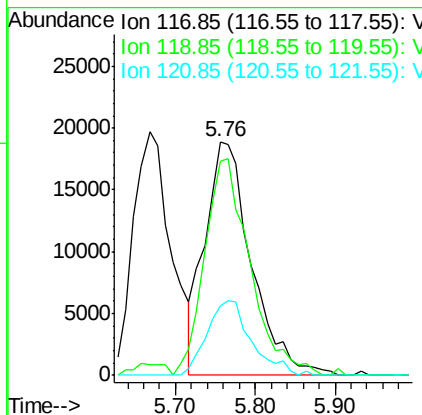
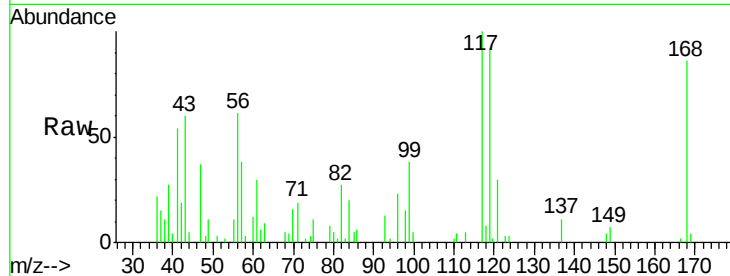
ClientSampleId :

WP021SB471-29-31-180619

Tot Ion:	117	Resp:	76937
Ion Ratio	Lower	Upper	
117	100		
119	91.7	78.8	118.2
121	29.6	25.0	37.6

Manual Integrations
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#39

Methylcyclohexane

Concen: 11.26 ug/l m

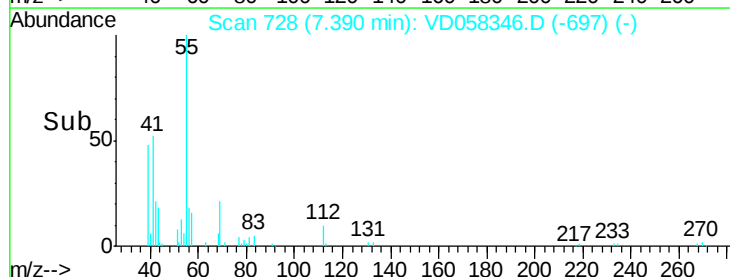
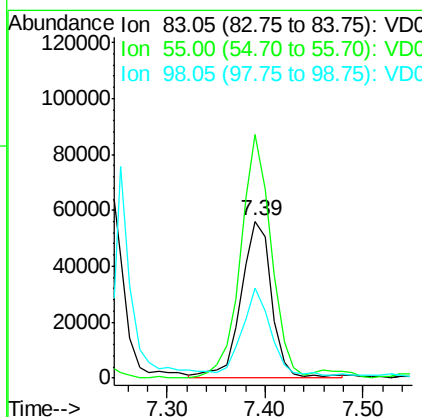
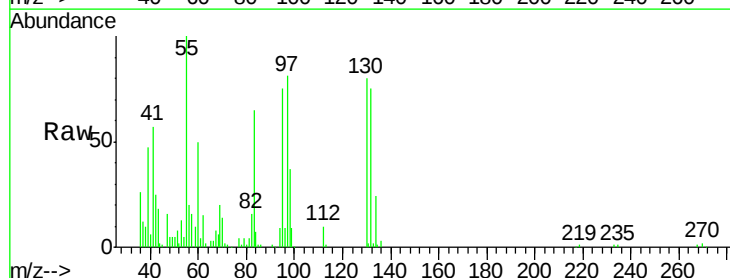
RT: 7.39 min Scan# 728

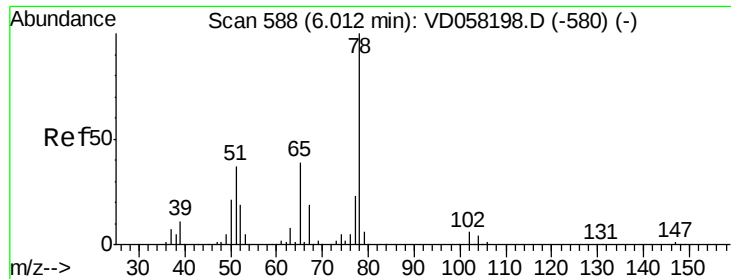
Delta R.T. 0.11 min

Lab File: VD058346.D

Acq: 23 Jun 2018 17:43

Tgt Ion:	83	Resp:	123114
Ion Ratio	Lower	Upper	
83	100		
55	155.0	77.4	116.2#
98	57.0	35.9	53.9#





#40

Benzene

Concen: 13.43 ug/l

RT: 6.05 min Scan# 592

Delta R.T. 0.04 min

Lab File: VD058346.D

Acq: 23 Jun 2018 17:43

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-29-31-180619

Tot Ion: 78 Resp: 359053

Ion Ratio Lower Upper

78 100

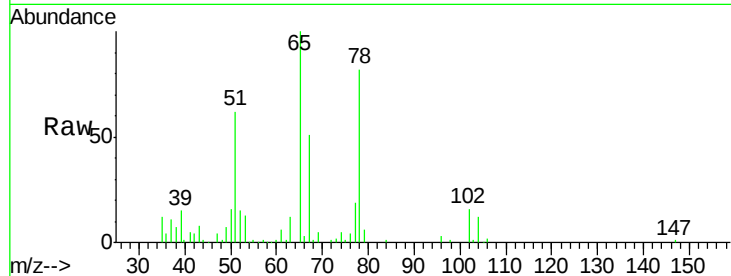
77 23.3 18.5 27.7

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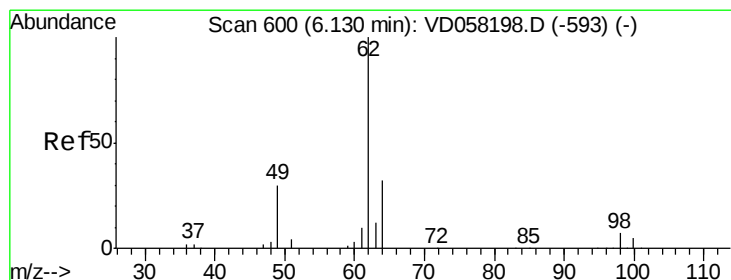
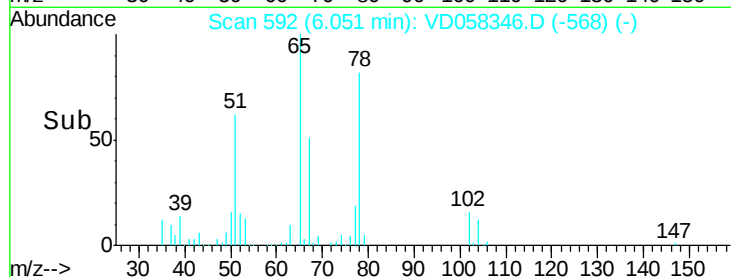
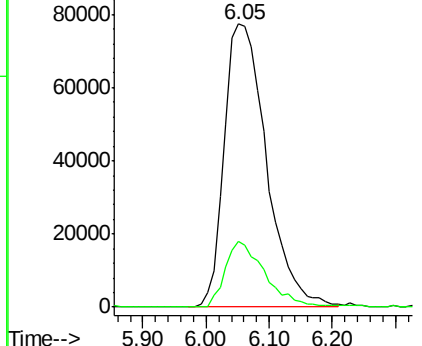
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Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



#42

1,2-Dichloroethane

Concen: 29.27 ug/l

RT: 6.16 min Scan# 603

Delta R.T. 0.03 min

Lab File: VD058346.D

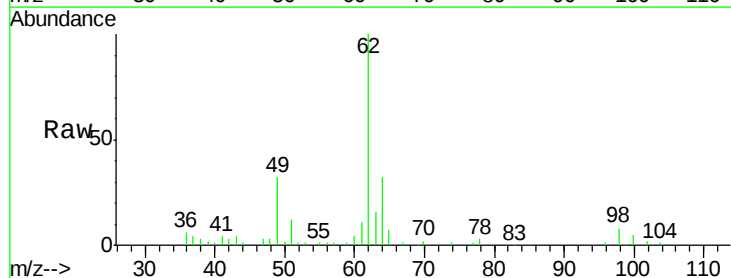
Acq: 23 Jun 2018 17:43

Tgt Ion: 62 Resp: 315604

Ion Ratio Lower Upper

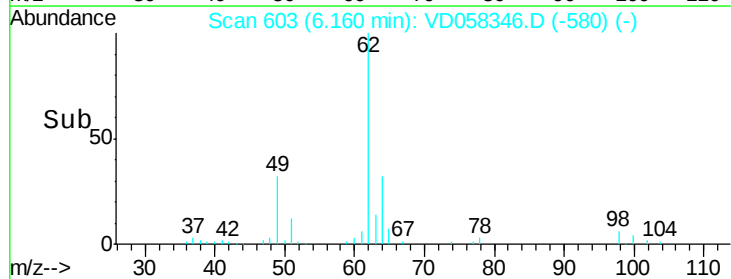
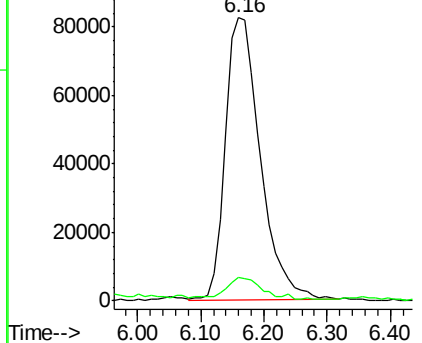
62 100

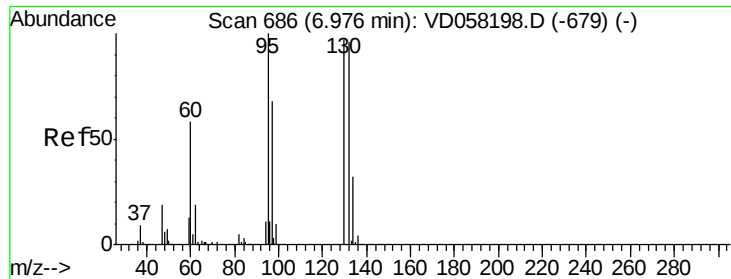
98 8.4 0.0 13.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#44

Trichloroethene

Concen: 6198.24 ug/l m

RT: 7.23 min Scan# 712

Delta R.T. 0.26 min

Lab File: VD058346.D

Acq: 23 Jun 2018 17:43

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-29-31-180619

Tot Ion:130 Resp:49774476

Ion Ratio Lower Upper

130 100

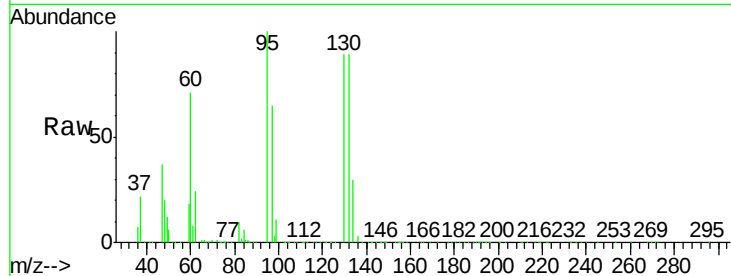
95 112.3 0.0 205.6

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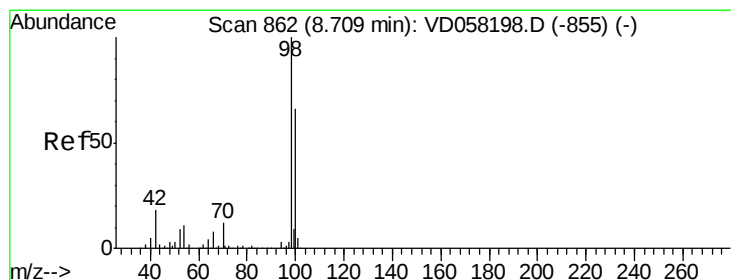
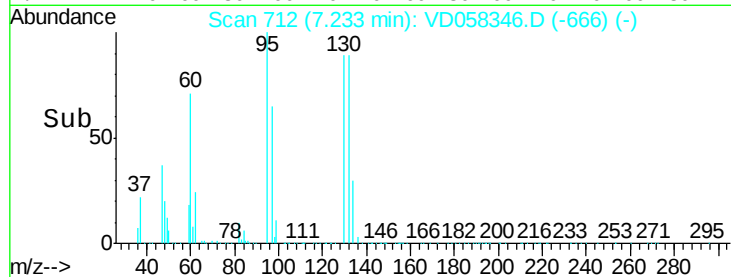
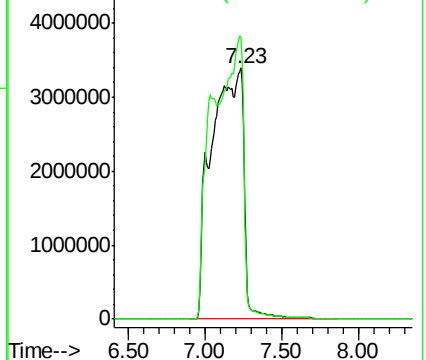
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.75 min Scan# 866

Delta R.T. 0.04 min

Lab File: VD058346.D

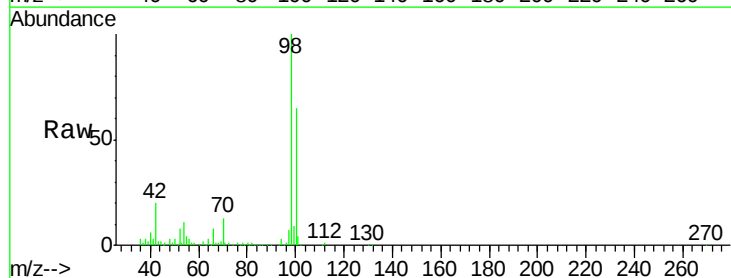
Acq: 23 Jun 2018 17:43

Tgt Ion: 98 Resp: 695859

Ion Ratio Lower Upper

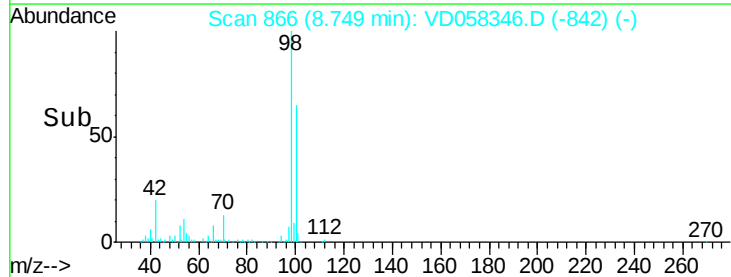
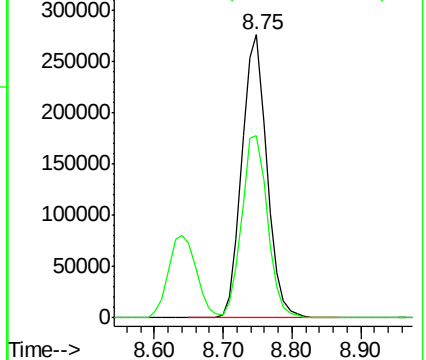
98 100

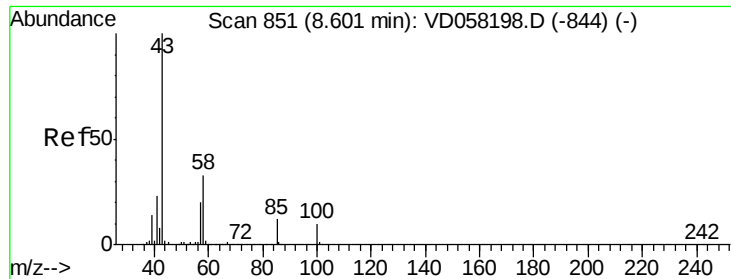
100 64.5 53.6 80.4



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: 425.57 ug/l

RT: 8.64 min Scan# 855

Delta R.T. 0.04 min

Lab File: VD058346.D

Acq: 23 Jun 2018 17:43

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-29-31-180619

Tot Ion: 43 Resp: 2367221

Ion Ratio Lower Upper

43 100

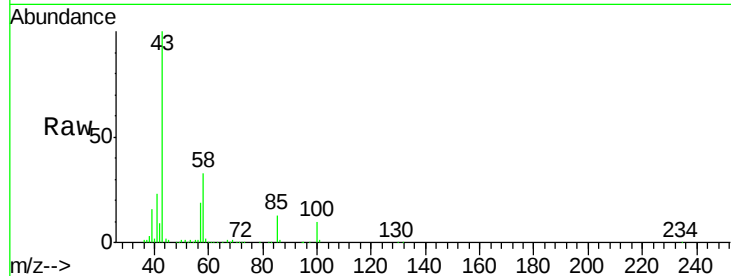
58 32.5 26.7 40.1

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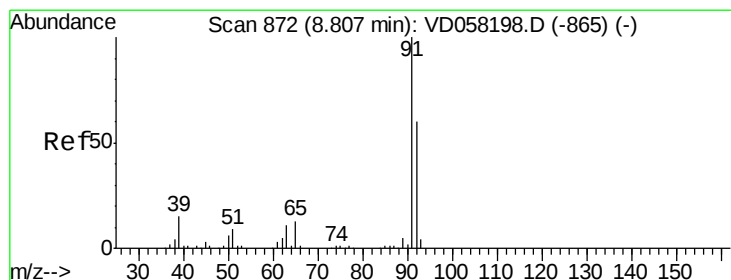
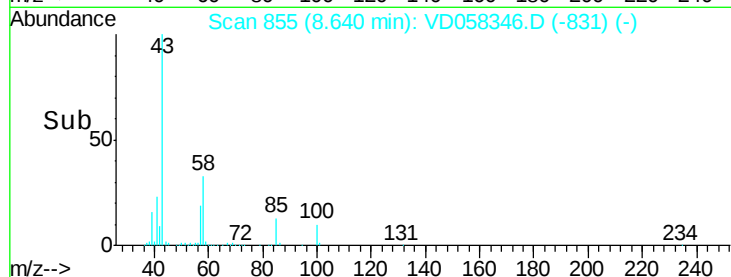
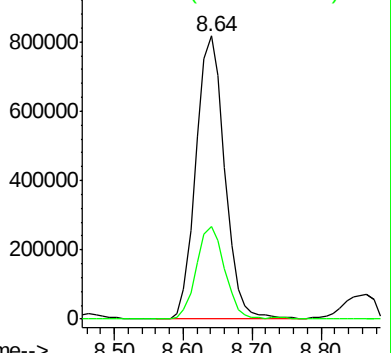
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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 874.66 ug/l

RT: 8.87 min Scan# 878

Delta R.T. 0.06 min

Lab File: VD058346.D

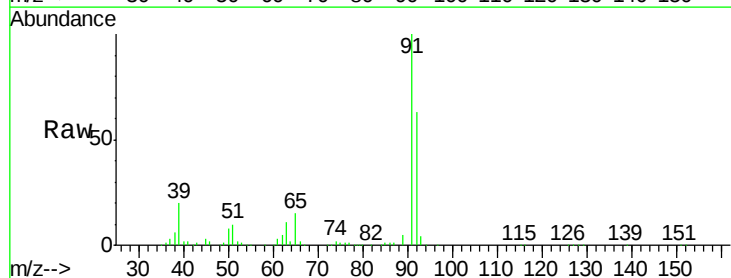
Acq: 23 Jun 2018 17:43

Tgt Ion: 92 Resp: 13319130

Ion Ratio Lower Upper

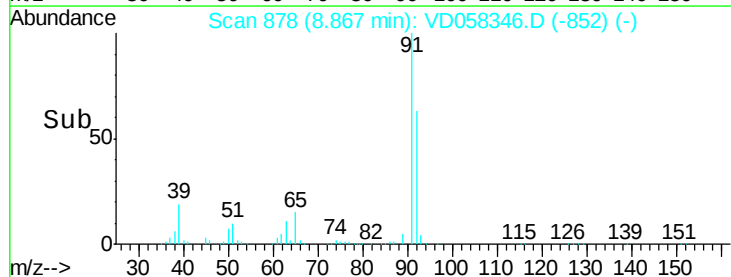
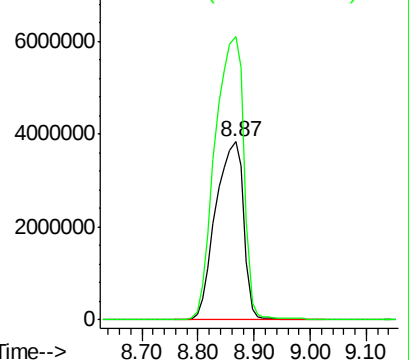
92 100

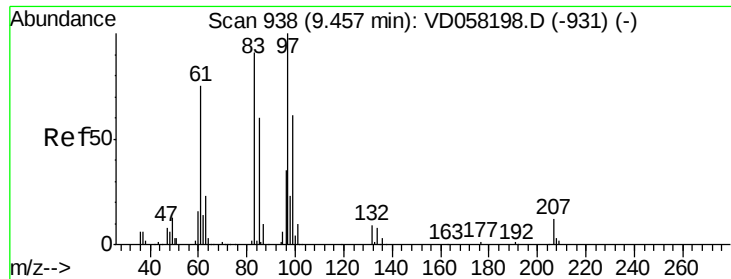
91 159.2 133.2 199.8



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: 58.55 ug/l

RT: 9.48 min Scan# 940

Delta R.T. 0.02 min

Lab File: VD058346.D

Acq: 23 Jun 2018 17:43

Tot Ion:	97	Resp:	315430
Ion Ratio	Lower	Upper	
97	100		
83	84.2	72.9	109.3
85	56.3	48.2	72.4
99	61.4	48.9	73.3

Instrument :

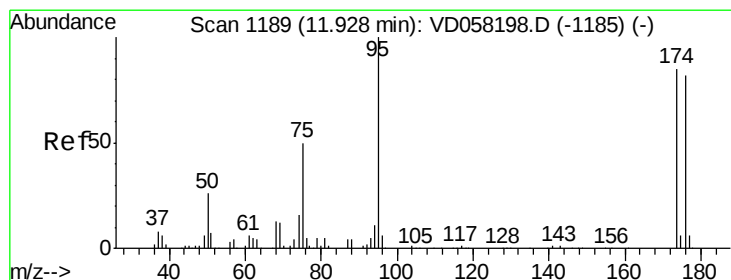
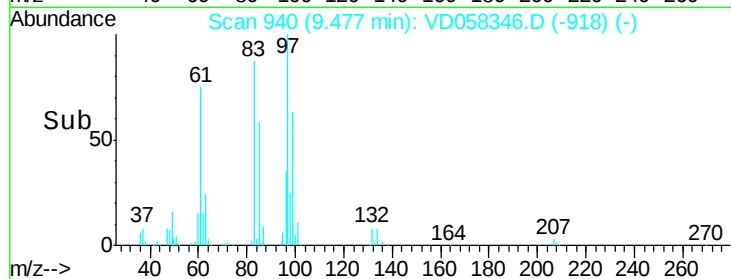
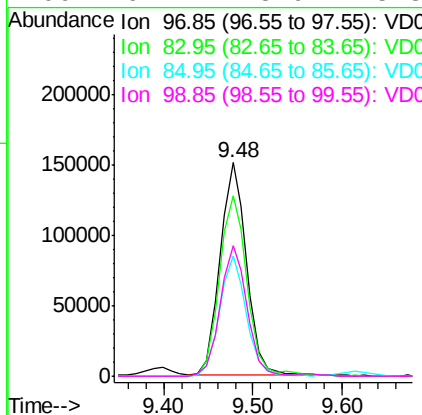
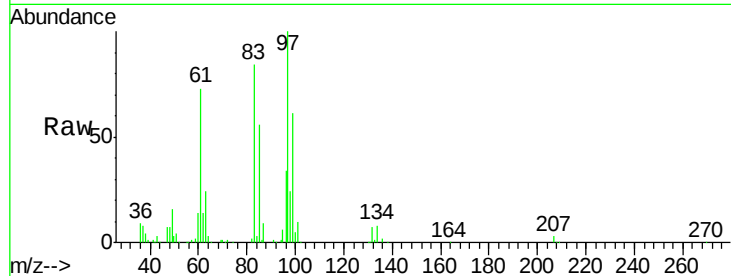
MSVOA_D

ClientSampleId :

WP021SB471-29-31-180619

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#62

4-Bromofluorobenzene

Concen: N.D. ug/l m

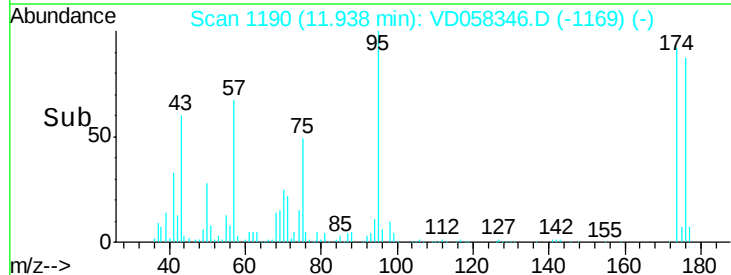
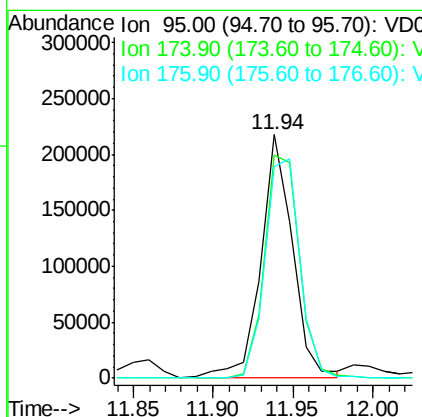
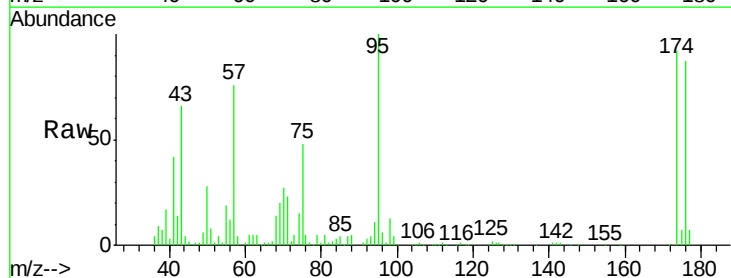
RT: 11.94 min Scan# 1190

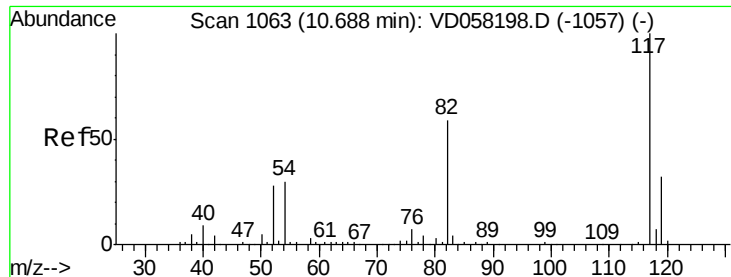
Delta R.T. 0.01 min

Lab File: VD058346.D

Acq: 23 Jun 2018 17:43

Tgt Ion:	95	Resp:	303008
Ion Ratio	Lower	Upper	
95	100		
174	91.6	0.0	170.2
176	86.8	0.0	164.6





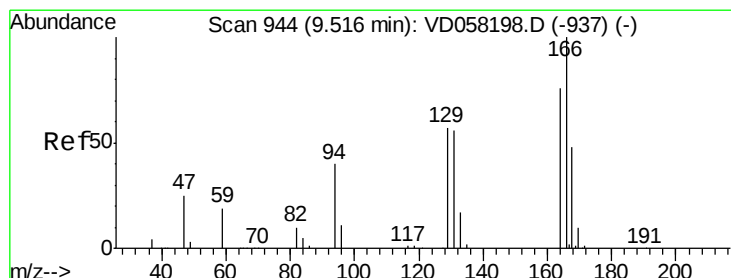
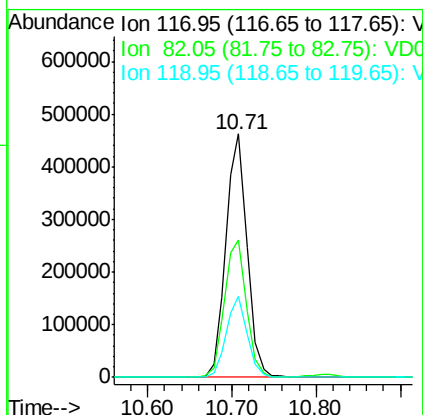
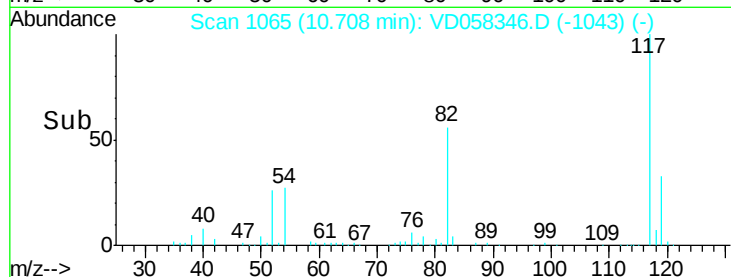
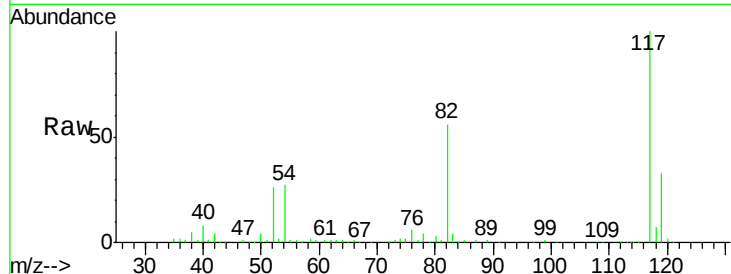
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.71 min Scan# 1065
Delta R.T. 0.02 min
Lab File: VD058346.D
Acq: 23 Jun 2018 17:43

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-29-31-180619

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	47.0	70.6
119	33.1	25.3	37.9

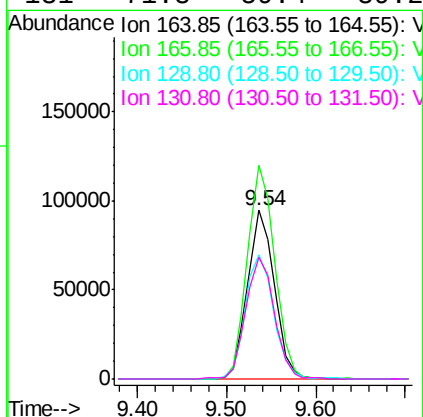
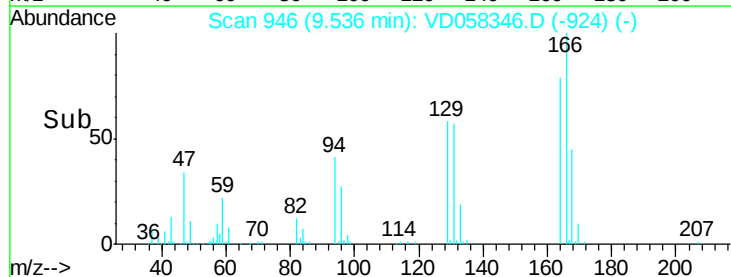
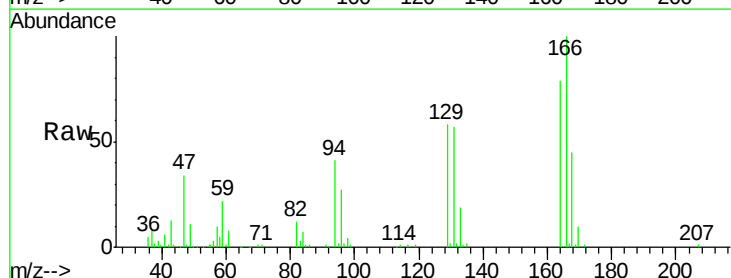
Manual Integrations
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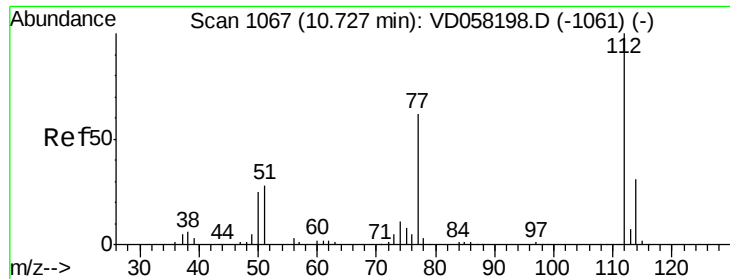
apatel
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#64
Tetrachloroethene
Concen: 28.98 ug/l
RT: 9.54 min Scan# 946
Delta R.T. 0.02 min
Lab File: VD058346.D
Acq: 23 Jun 2018 17:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	105.4	158.0
129	73.5	59.6	89.4
131	71.8	59.4	89.2





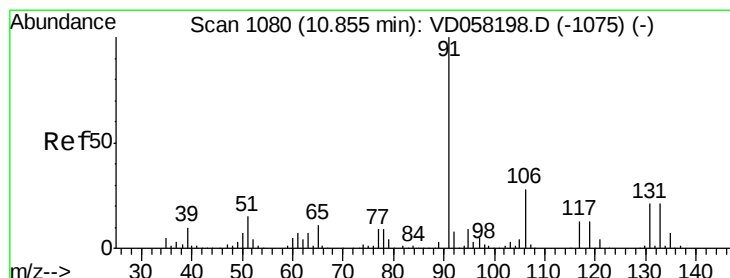
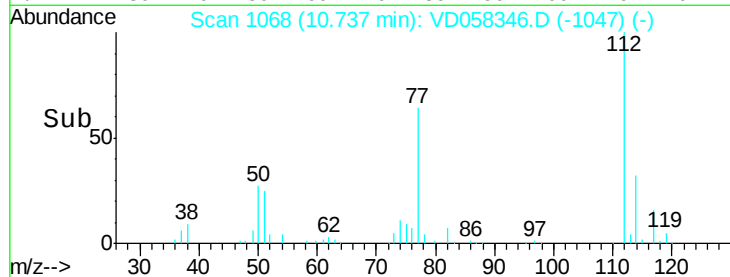
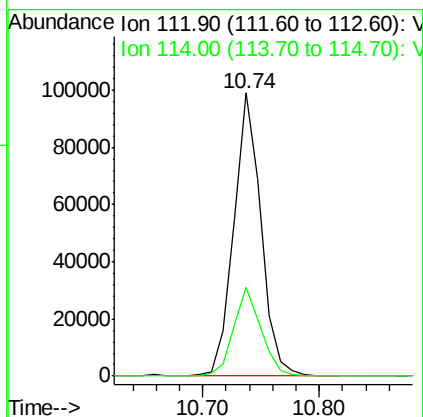
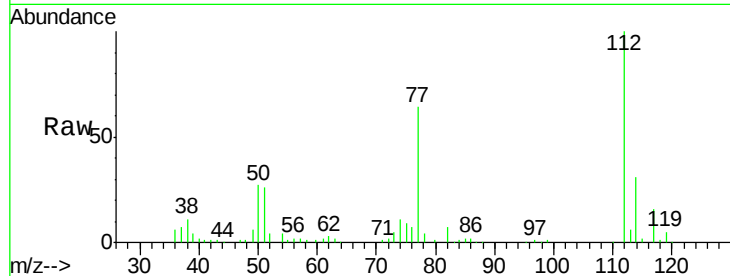
#65
Chlorobenzene
Concen: 10.55 ug/l
RT: 10.74 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VD058346.D
Acq: 23 Jun 2018 17:43

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-29-31-180619

Tot Ion:112 Resp: 159598
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4

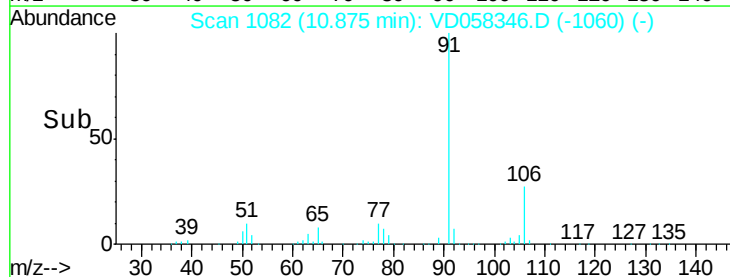
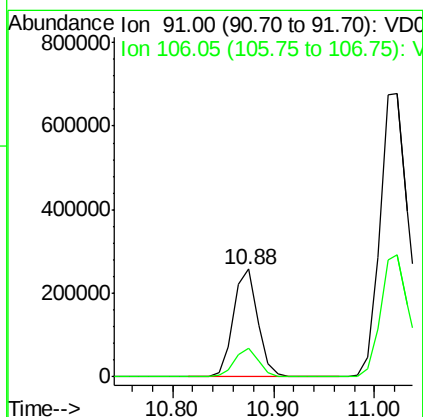
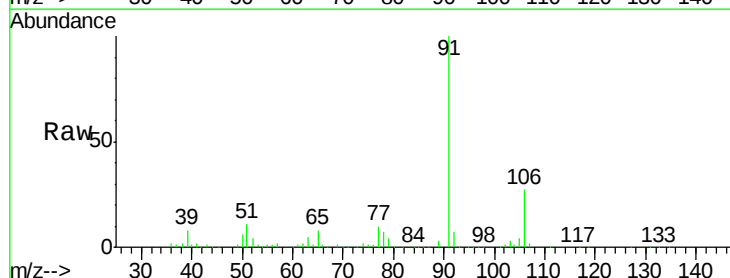
Manual Integrations
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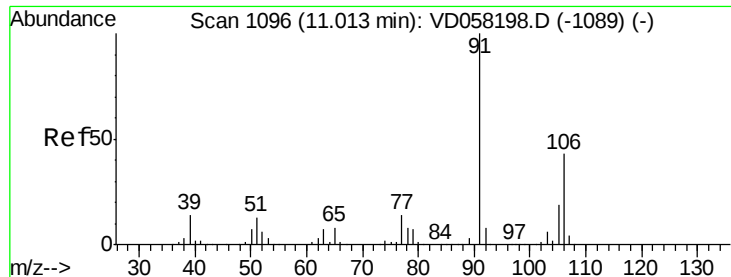
apatel
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#67
Ethyl Benzene
Concen: 16.13 ug/l
RT: 10.88 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VD058346.D
Acq: 23 Jun 2018 17:43

Tgt Ion: 91 Resp: 430763
Ion Ratio Lower Upper
91 100
106 26.7 22.0 33.0





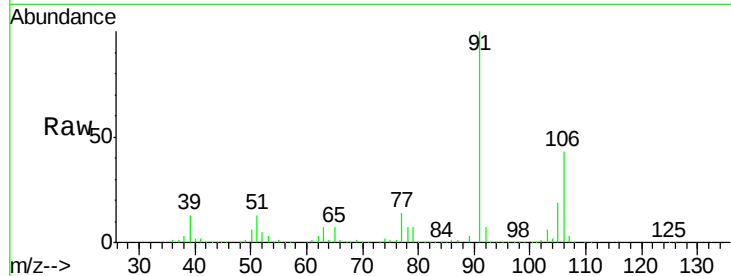
#68
m/p-Xylenes
Concen: 64.36 ug/l
RT: 11.02 min Scan# 1097
Delta R.T. 0.01 min
Lab File: VD058346.D
Acq: 23 Jun 2018 17:43

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-29-31-180619

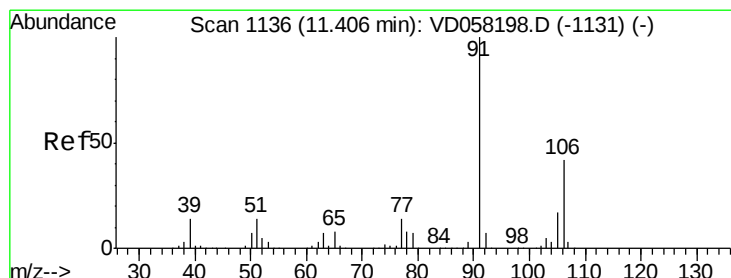
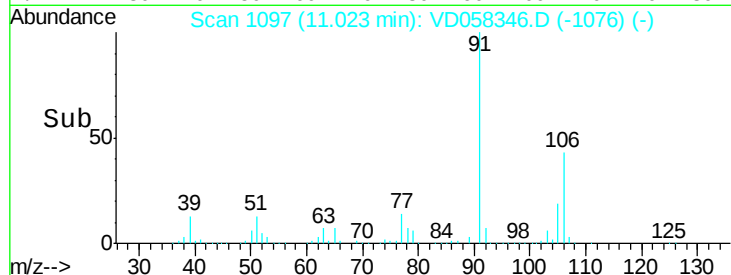
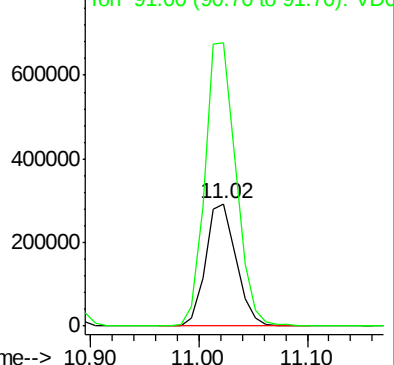
Tot Ion:106 Resp: 573245
Ion Ratio Lower Upper
106 100
91 231.7 185.0 277.6

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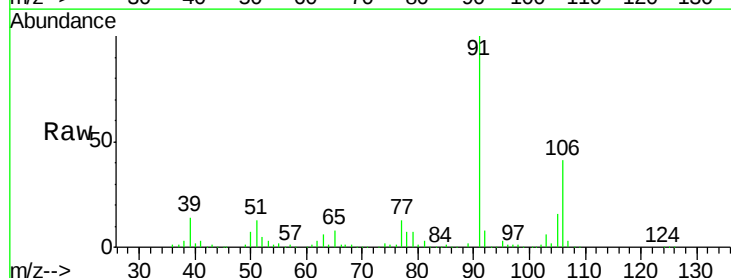


Abundance Ion 106.05 (105.75 to 106.75): V

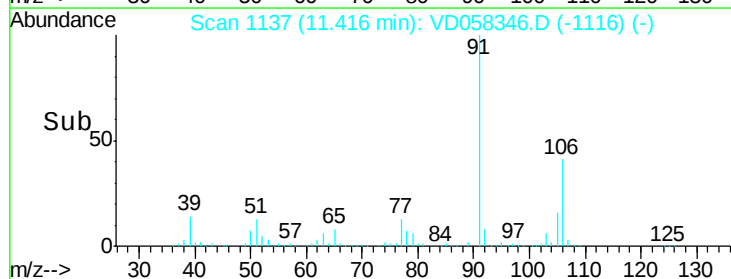
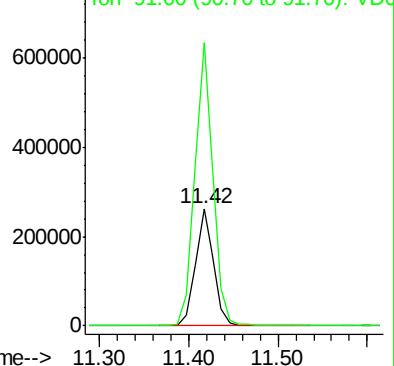


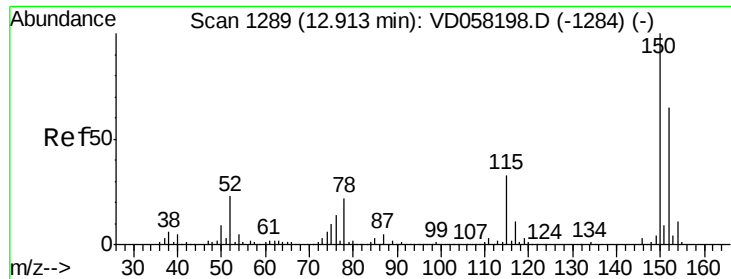
#69
o-Xylene
Concen: 44.50 ug/l
RT: 11.42 min Scan# 1137
Delta R.T. 0.01 min
Lab File: VD058346.D
Acq: 23 Jun 2018 17:43

Tgt Ion:106 Resp: 378549
Ion Ratio Lower Upper
106 100
91 241.2 120.2 360.6



Abundance Ion 106.05 (105.75 to 106.75): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD058346.D

Acq: 23 Jun 2018 17:43

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-29-31-180619

Tot Ion:152 Resp: 447983

Ion Ratio Lower Upper

152 100

115 54.4 25.1 75.3

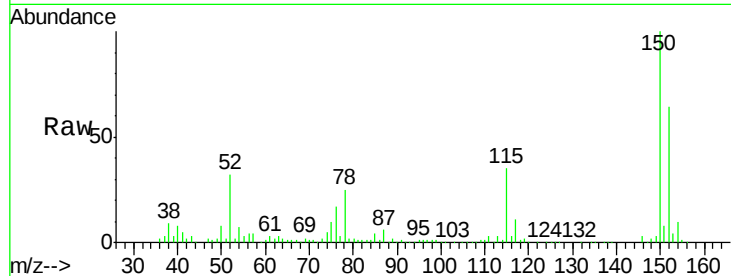
150 157.4 0.0 308.8

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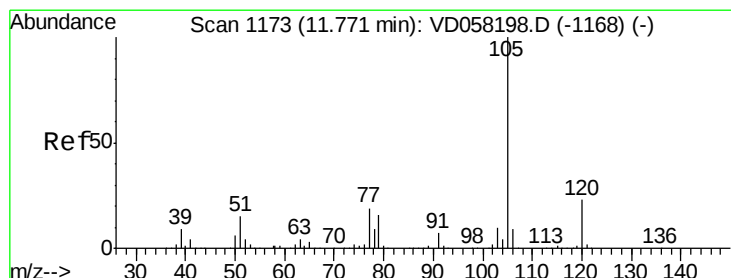
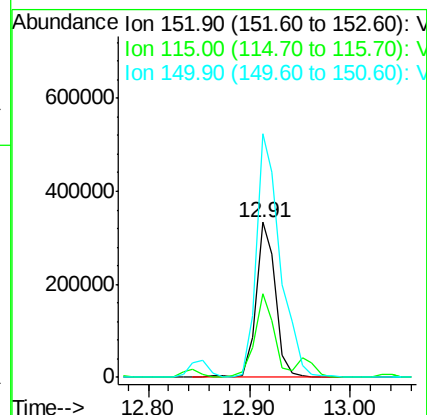
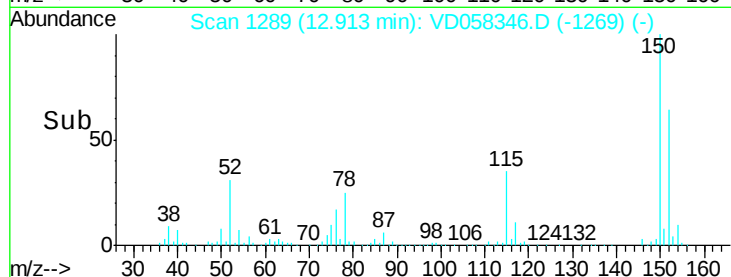
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 4.56 ug/l

RT: 11.78 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VD058346.D

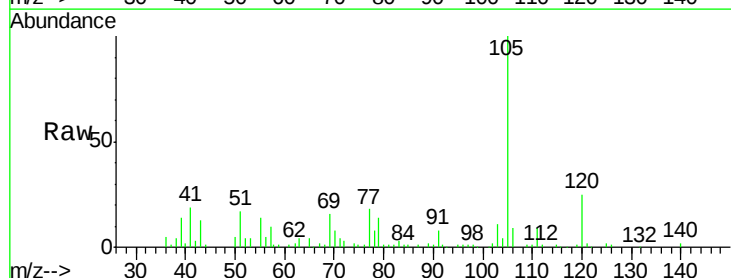
Acq: 23 Jun 2018 17:43

Tgt Ion:105 Resp: 122278

Ion Ratio Lower Upper

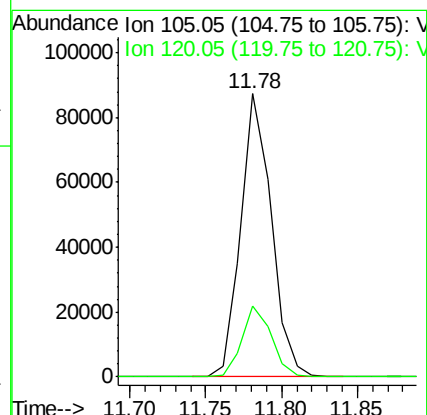
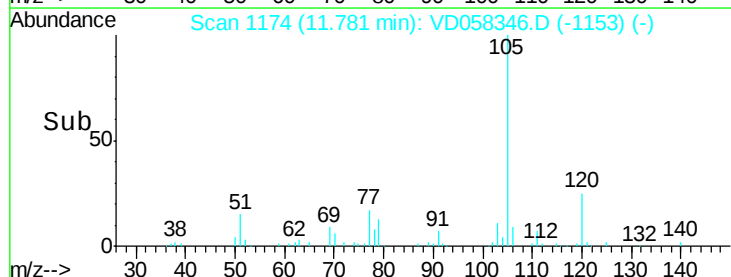
105 100

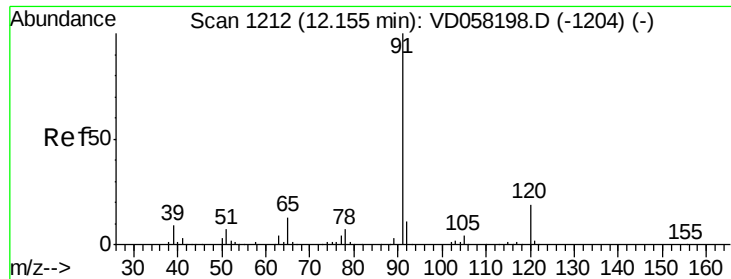
120 25.2 11.6 34.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#78

n-propylbenzene

Concen: 8.60 ug/l

RT: 12.16 min Scan# 1213

Delta R.T. 0.01 min

Lab File: VD058346.D

Acq: 23 Jun 2018 17:43

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-29-31-180619

Tot Ion: 91 Resp: 297472

Ion Ratio Lower Upper

91 100

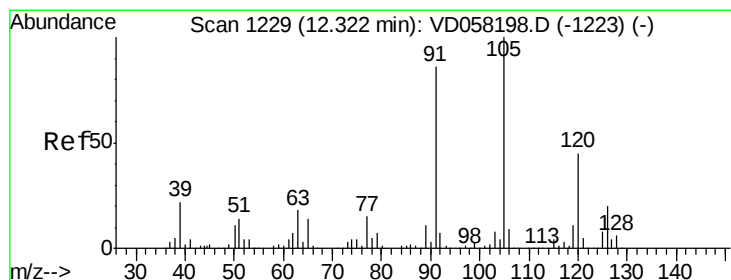
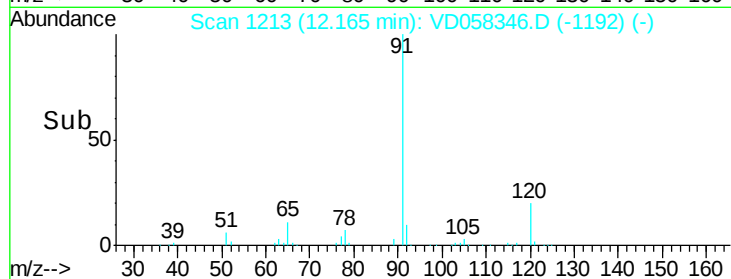
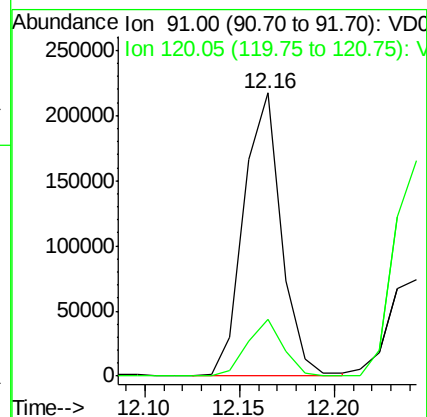
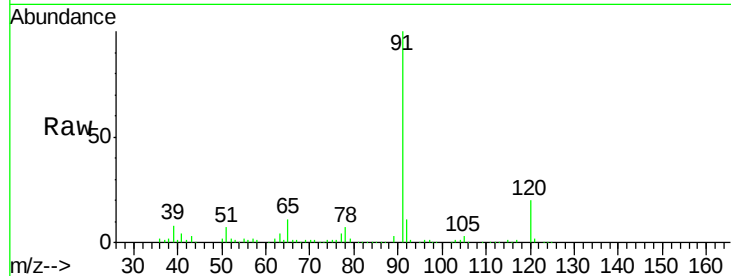
120 20.2 9.7 29.1

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#80

1,3,5-Trimethylbenzene

Concen: 39.58 ug/l

RT: 12.33 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VD058346.D

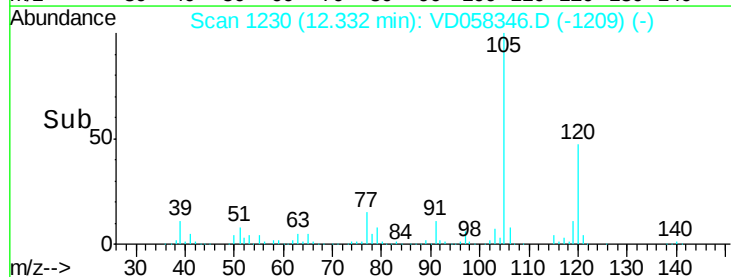
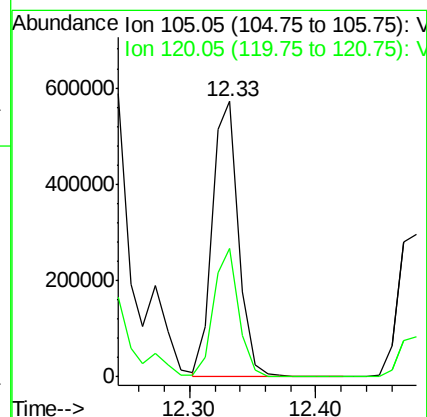
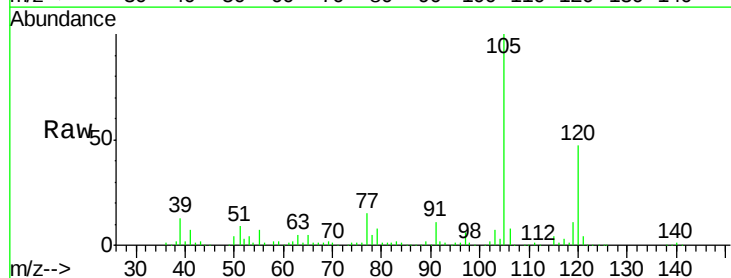
Acq: 23 Jun 2018 17:43

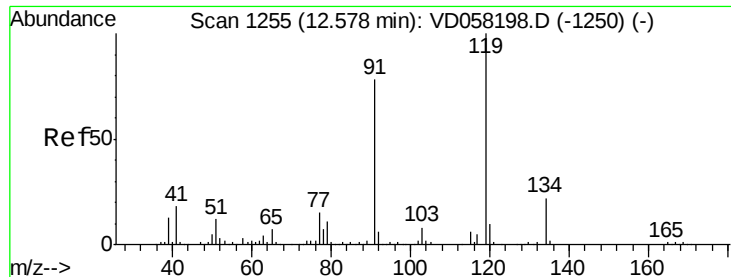
Tgt Ion: 105 Resp: 827212

Ion Ratio Lower Upper

105 100

120 46.7 22.5 67.5





#83

tert-Butylbenzene

Concen: 2.51 ug/l

RT: 12.58 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VD058346.D

Acq: 23 Jun 2018 17:43

Instrument :

MSVOA_D

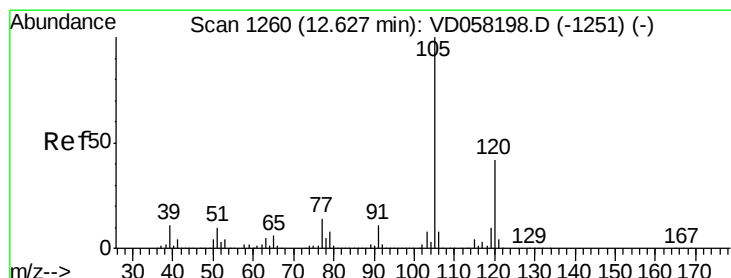
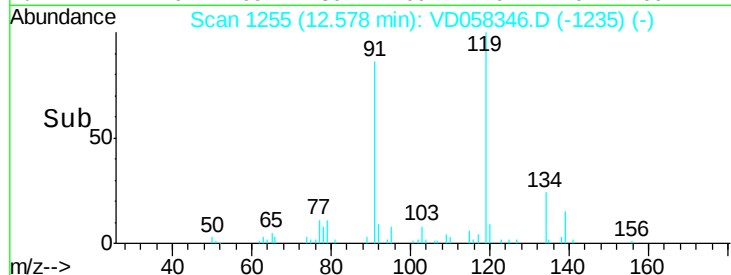
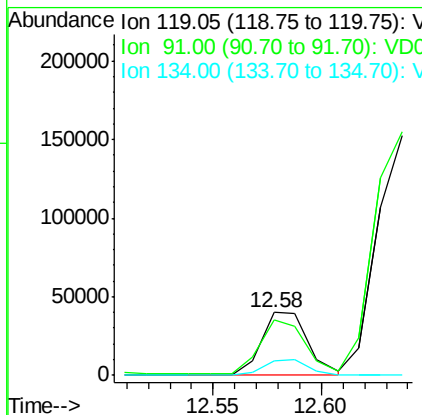
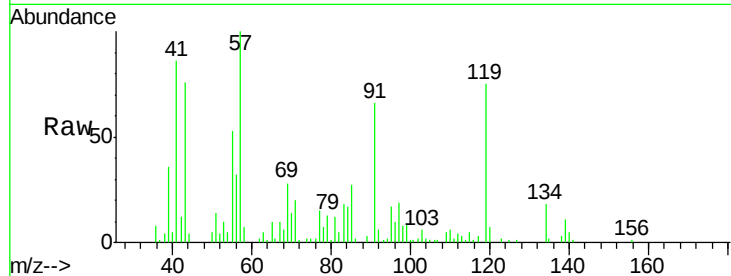
ClientSampleId :

WP021SB471-29-31-180619

Tot Ion:	119	Resp:	60380
Ion	Ratio	Lower	Upper
119	100		
91	88.0	38.9	116.6
134	23.8	11.2	33.5

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#84

1,2,4-Trimethylbenzene

Concen: 81.53 ug/l

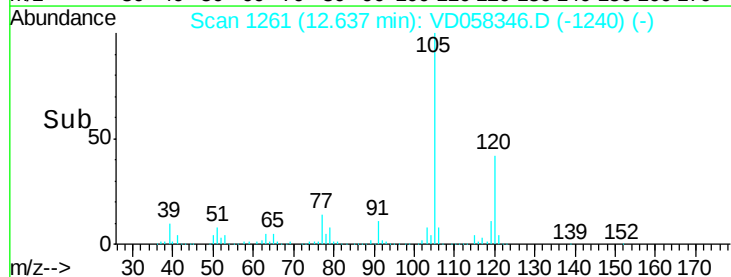
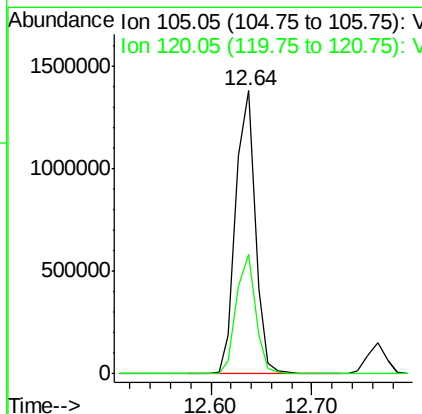
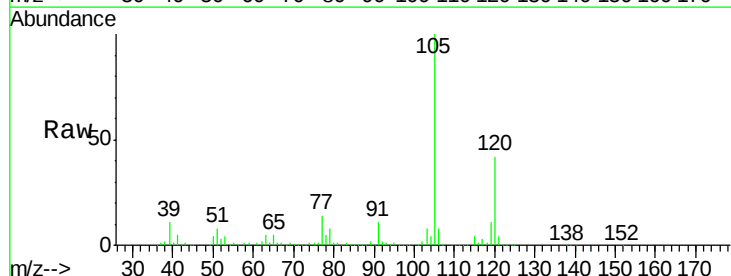
RT: 12.64 min Scan# 1261

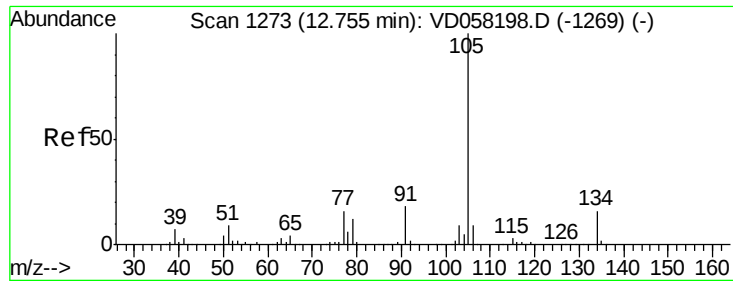
Delta R.T. 0.01 min

Lab File: VD058346.D

Acq: 23 Jun 2018 17:43

Tgt Ion:	105	Resp:	1852285
Ion	Ratio	Lower	Upper
105	100		
120	42.4	20.8	62.4





#85

sec-Butylbenzene

Concen: 7.01 ug/l

RT: 12.77 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VD058346.D

Acq: 23 Jun 2018 17:43

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-29-31-180619

Tot Ion:105 Resp: 197543

Ion Ratio Lower Upper

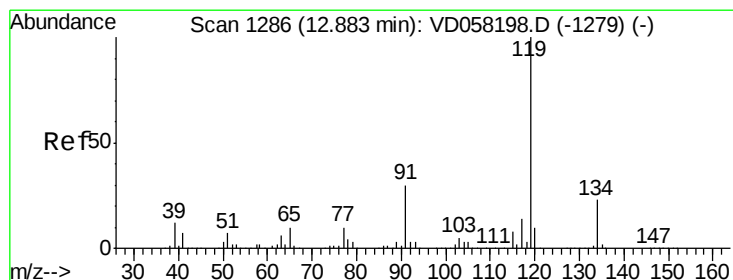
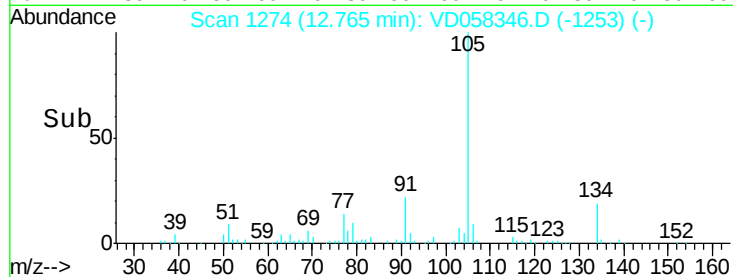
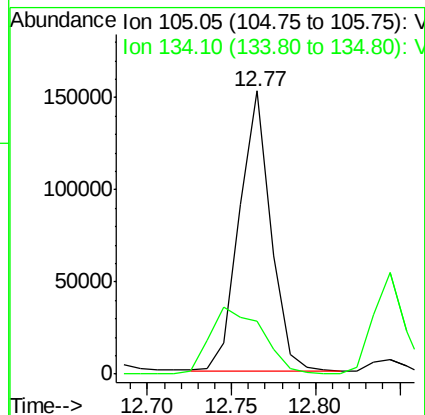
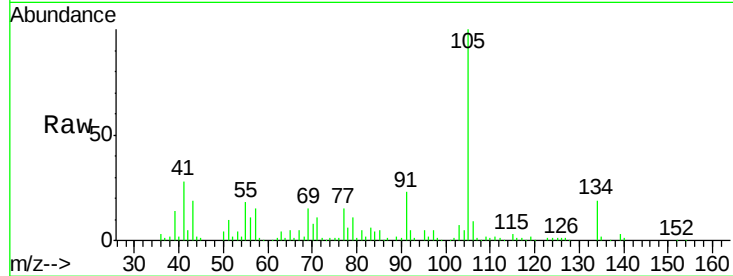
105 100

134 18.9 8.1 24.3

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#86

p-Isopropyltoluene

Concen: 6.28 ug/l

RT: 12.89 min Scan# 1287

Delta R.T. 0.01 min

Lab File: VD058346.D

Acq: 23 Jun 2018 17:43

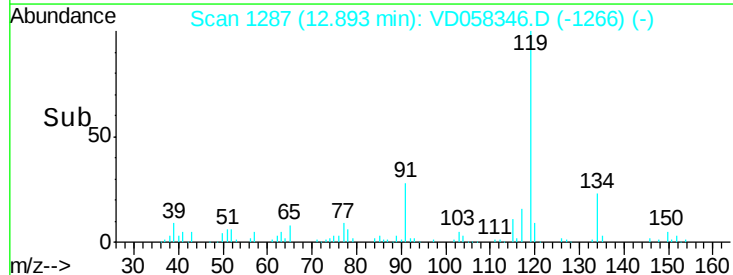
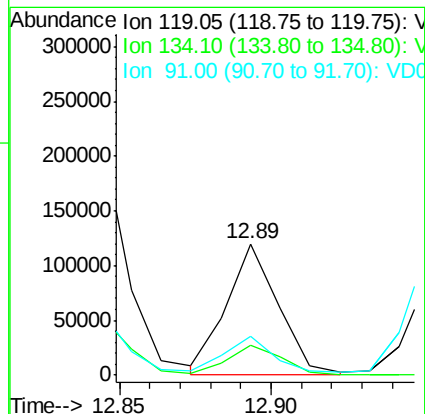
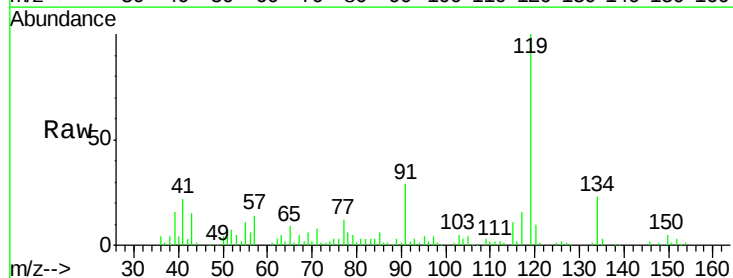
Tgt Ion:119 Resp: 143228

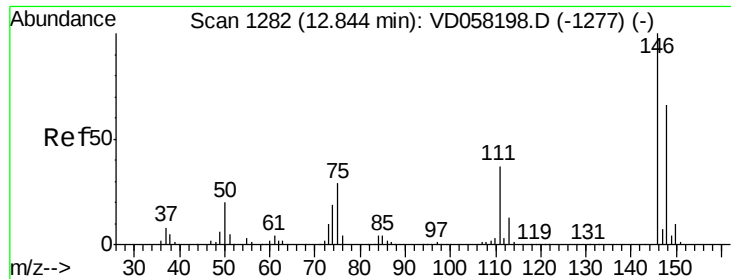
Ion Ratio Lower Upper

119 100

134 22.6 11.6 34.8

91 29.3 15.0 45.1





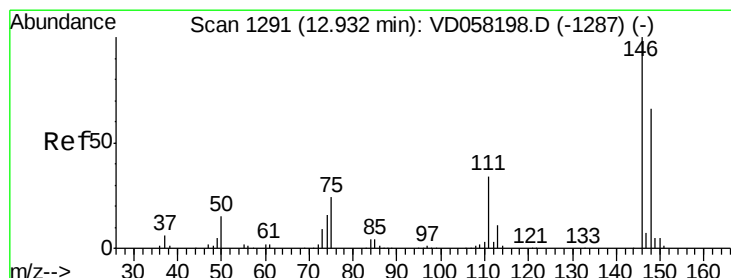
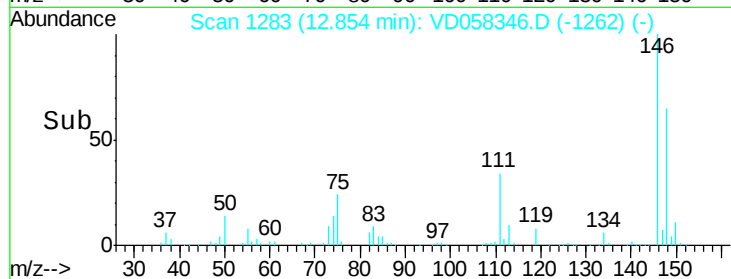
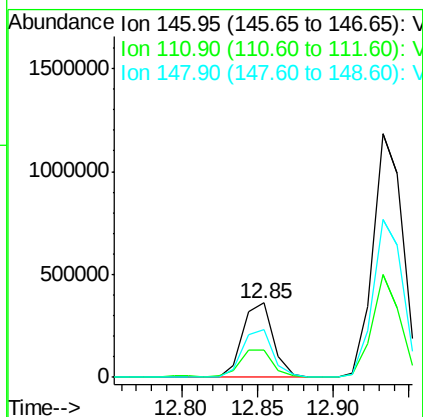
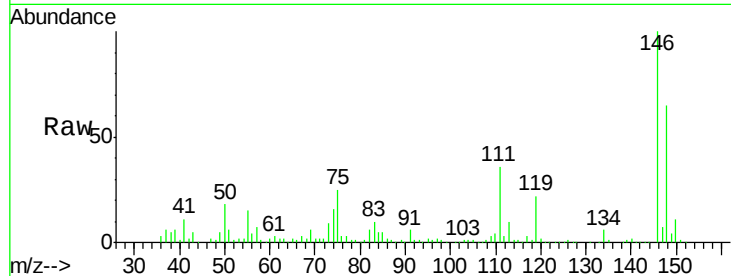
#87
 1,3-Dichlorobenzene
 Concen: 36.54 ug/l
 RT: 12.85 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: VD058346.D
 Acq: 23 Jun 2018 17:43

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-29-31-180619

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.4	55.0
148	65.0	32.8	98.4

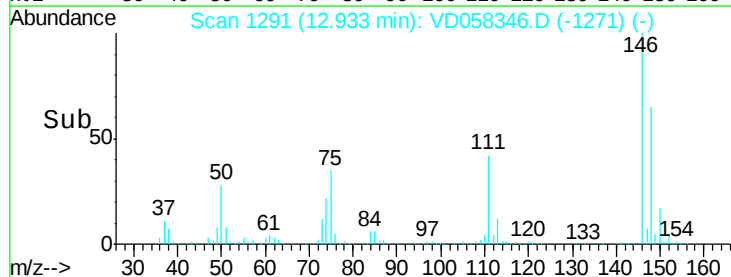
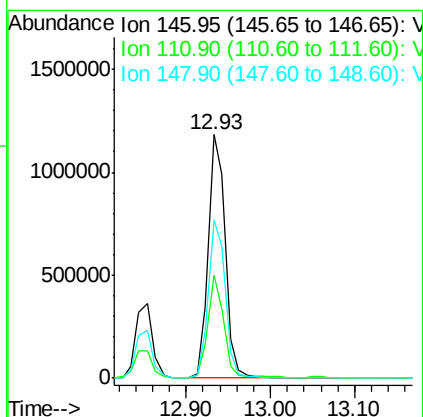
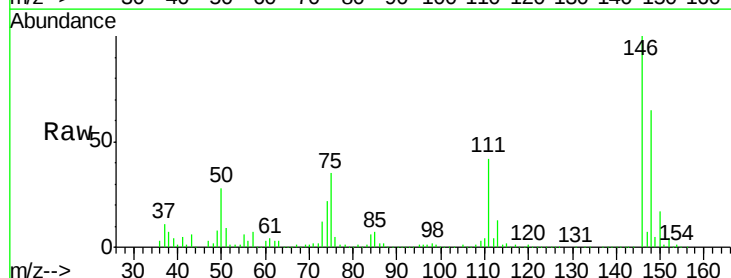
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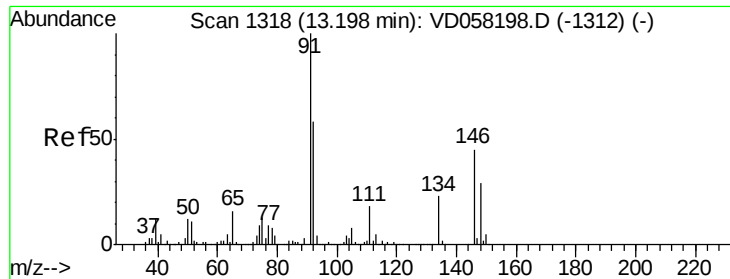
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#88
 1,4-Dichlorobenzene
 Concen: 121.29 ug/l
 RT: 12.93 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VD058346.D
 Acq: 23 Jun 2018 17:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	17.2	51.5
148	64.6	33.1	99.3





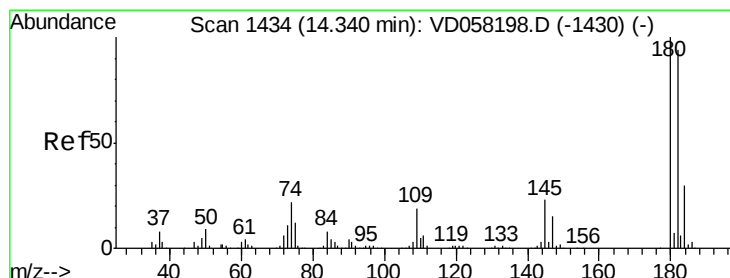
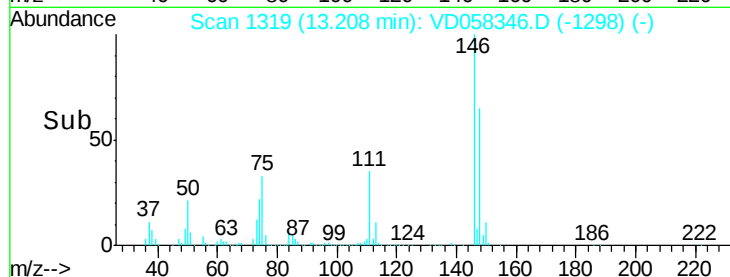
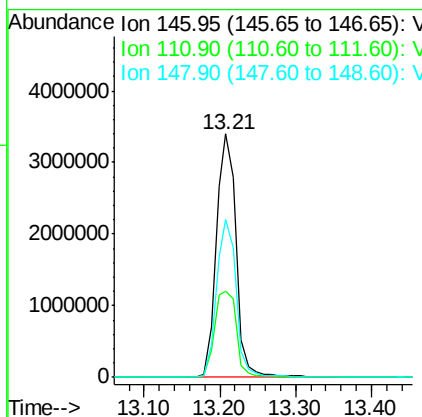
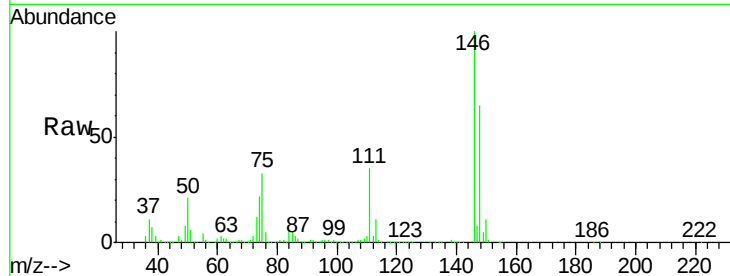
#91
 1,2-Dichlorobenzene
 Concen: 526.66 ug/l
 RT: 13.21 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: VD058346.D
 Acq: 23 Jun 2018 17:43

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-29-31-180619

Tot Ion:146 Resp: 6250577
 Ion Ratio Lower Upper
 146 100
 111 35.5 19.6 58.7
 148 65.0 32.0 96.2

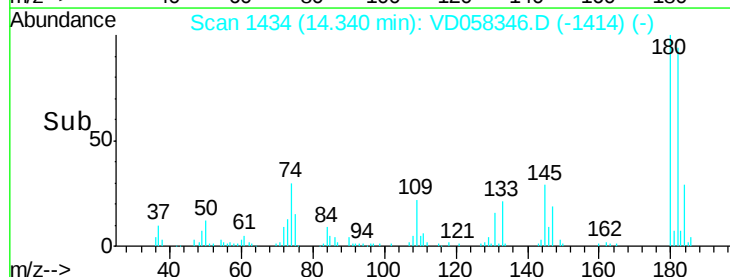
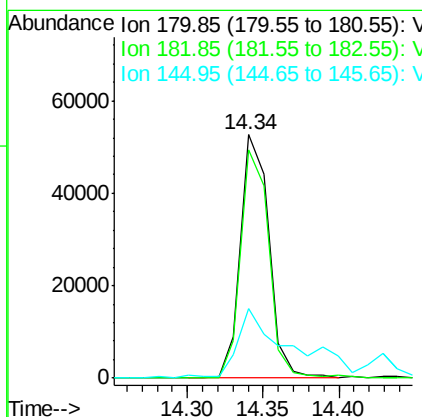
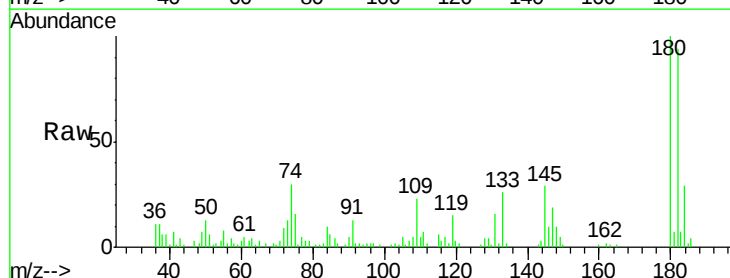
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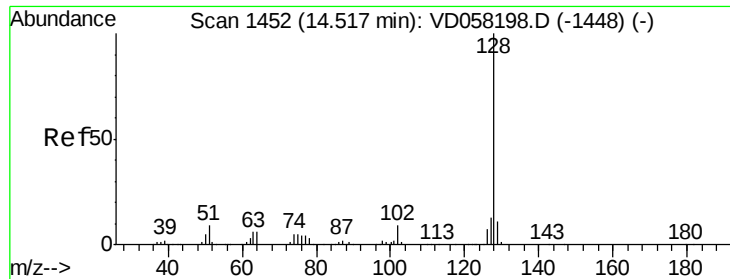
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#93
 1,2,4-Trichlorobenzene
 Concen: 6.04 ug/l
 RT: 14.34 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VD058346.D
 Acq: 23 Jun 2018 17:43

Tgt Ion:180 Resp: 68545
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.1 141.3
 145 28.6 11.7 35.0





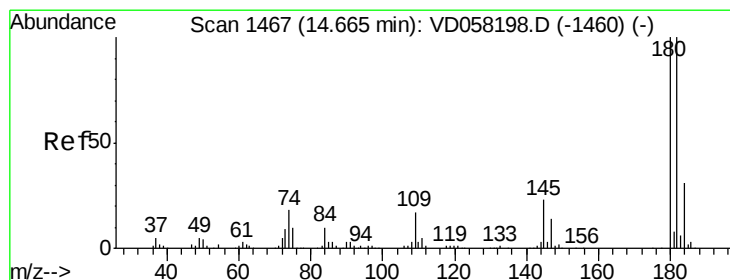
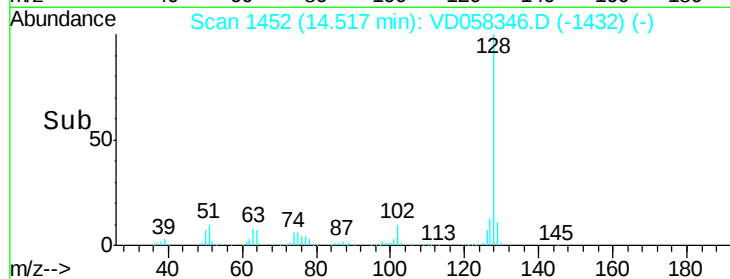
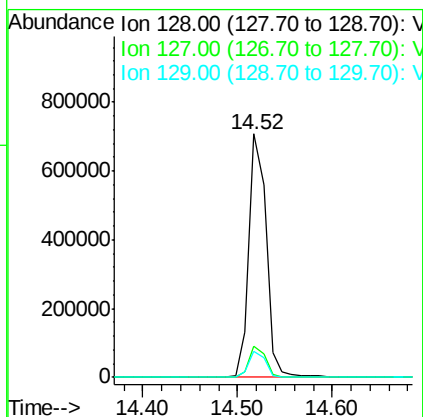
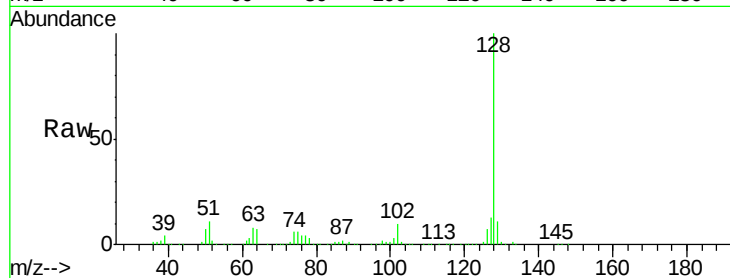
#95
Naphthalene
Concen: 60.16 ug/l
RT: 14.52 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VD058346.D
Acq: 23 Jun 2018 17:43

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-29-31-180619

Tot Ion	Ratio	Resp	Lower	Upper
128	100	899504		
127	12.9	10.0	15.0	
129	10.7	8.7	13.1	

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#96
1,2,3-Trichlorobenzene
Concen: 2.13 ug/l
RT: 14.67 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VD058346.D
Acq: 23 Jun 2018 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	21172		
182	90.1	49.9	149.6	
145	31.3	11.7	35.1	

