

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
 Data File : VD058345.D
 Acq On : 23 Jun 2018 17:14
 Operator : VA/AP
 Sample : J3664-20
 Misc : 5.84g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-27-29-180619

Manual Integrations
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Quant Time: Jun 25 03:35:55 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	883656	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	6.72	114	1117425	50.00	ug/l	0.03
63) Chlorobenzene-d5	10.70	117	918725	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.92	152	455662	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	260875	29.23	ug/l	0.04
Spiked Amount			Recovery	=	58.46%	
35) Dibromofluoromethane	5.57	113	253630	27.89	ug/l	0.03
Spiked Amount			Recovery	=	55.78%	
50) Toluene-d8	8.72	98	636830	28.94	ug/l	0.02
Spiked Amount			Recovery	=	57.88%	
62) 4-Bromofluorobenzene	11.93	95	271988	30.26	ug/l	0.00
Spiked Amount			Recovery	=	60.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.57	62	2980472	643.86	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.58	101	186192	46.14	ug/l	97
11) Tert butyl alcohol	3.29	59	14995	50.94	ug/l #	78
12) 1,1-Dichloroethene	2.57	96	804070	264.86	ug/l	98
20) Methylene Chloride	3.09	84	40693	8.85	ug/l	87
21) trans-1,2-Dichloroethene	3.42	96	252495	76.10	ug/l	88
24) 1,1-Dichloroethane	4.01	63	166502	11.01	ug/l	97
27) cis-1,2-Dichloroethene	4.83	96	30483059m	3676.56	ug/l	
30) Chloroform	5.35	83	488277	30.59	ug/l	90
40) Benzene	6.04	78	206738	7.85	ug/l	97
42) 1,2-Dichloroethane	6.16	62	144519	13.61	ug/l	99
44) Trichloroethene	7.11	130	25048421m	3167.85	ug/l	
51) 4-Methyl-2-Pentanone	8.62	43	126747	23.14	ug/l	98
52) Toluene	8.82	92	295196	19.69	ug/l	97
55) 1,1,2-Trichloroethane	9.47	97	176067	33.19	ug/l	97
64) Tetrachloroethene	9.53	164	111118	14.37	ug/l	98
65) Chlorobenzene	10.73	112	375548	21.85	ug/l	98
67) Ethyl Benzene	10.87	91	191663	6.32	ug/l	98
68) m/p-Xylenes	11.03	106	54886	5.42	ug/l	89
69) o-Xylene	11.41	106	15476	1.60	ug/l	93
73) Isopropylbenzene	11.79	105	106841	3.92	ug/l	96
78) n-propylbenzene	12.16	91	221913	6.30	ug/l	99
80) 1,3,5-Trimethylbenzene	12.33	105	28317	1.33	ug/l	95
83) tert-Butylbenzene	12.58	119	47039	1.92	ug/l	97
84) 1,2,4-Trimethylbenzene	12.63	105	923578	39.97	ug/l	100
85) sec-Butylbenzene	12.76	105	135305	4.72	ug/l	90
86) p-Isopropyltoluene	12.89	119	41375	1.78	ug/l	96
87) 1,3-Dichlorobenzene	12.85	146	426912	30.09	ug/l	99
88) 1,4-Dichlorobenzene	12.94	146	1300806	93.90	ug/l	99
91) 1,2-Dichlorobenzene	13.20	146	5074518	420.36	ug/l	99
93) 1,2,4-Trichlorobenzene	14.35	180	48728	4.22	ug/l	92
95) Naphthalene	14.52	128	608305	40.00	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	18735	1.85	ug/l #	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

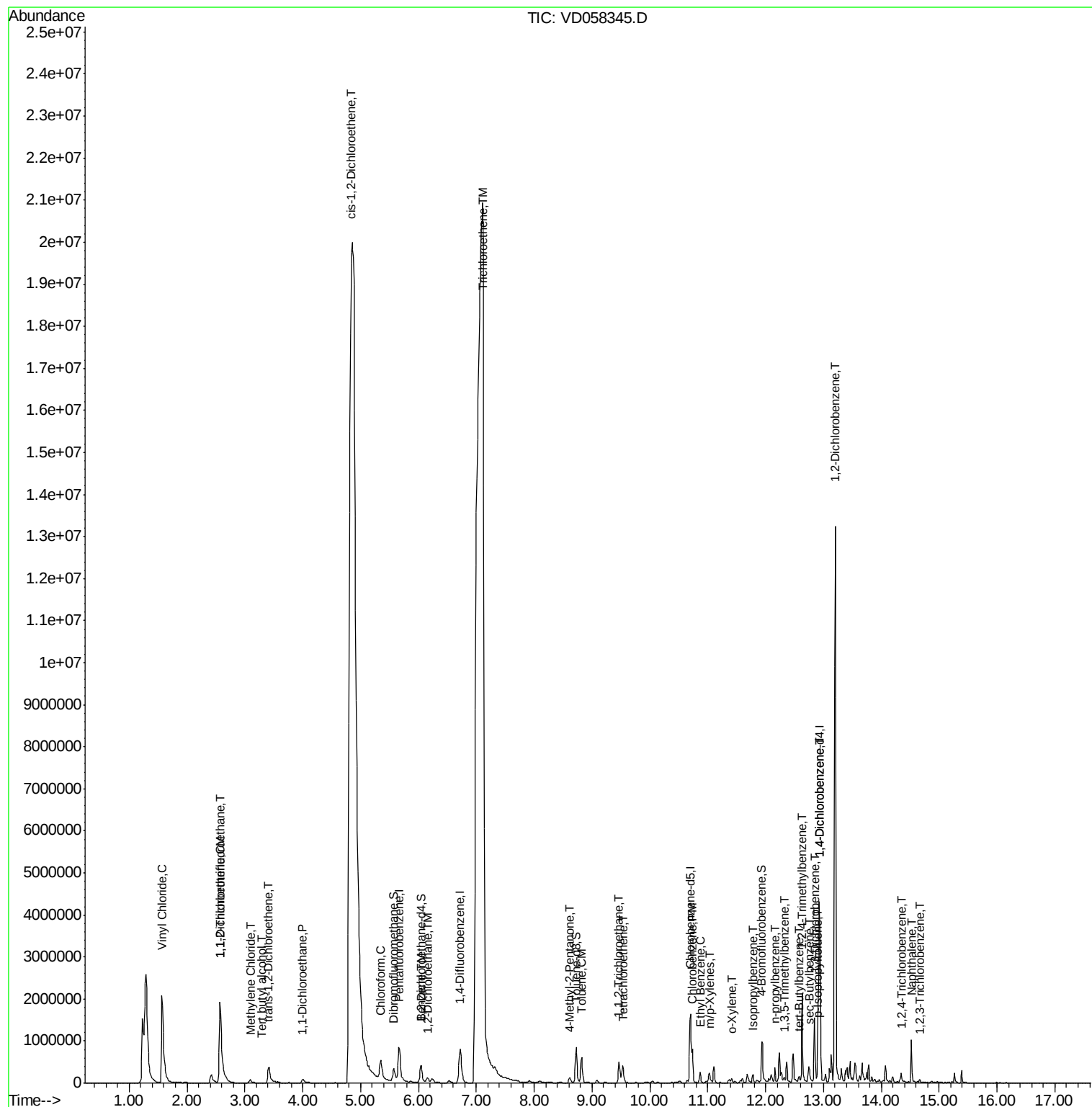
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062318\
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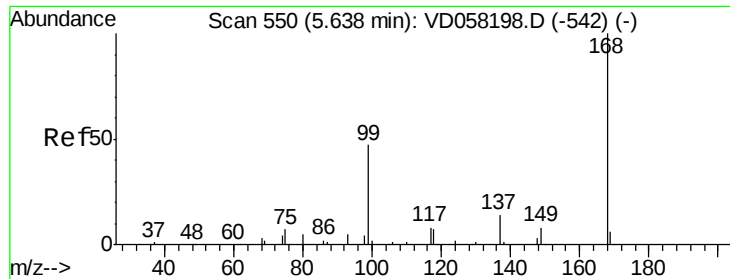
Instrument :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 552

Delta R.T. 0.03 min

Lab File: VD058345.D

Acq: 23 Jun 2018 17:14

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-27-29-180619

Tot Ion:168 Resp: 883656

Ion Ratio Lower Upper

168 100

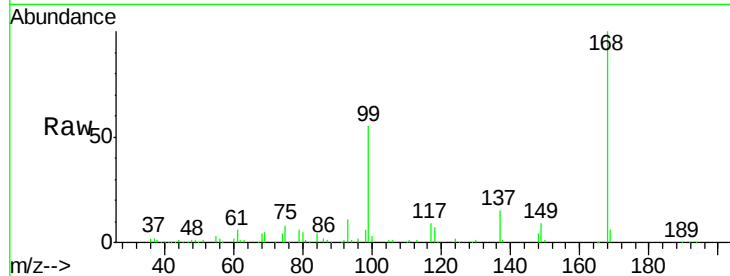
99 55.4 41.1 61.7

Manual Integrations

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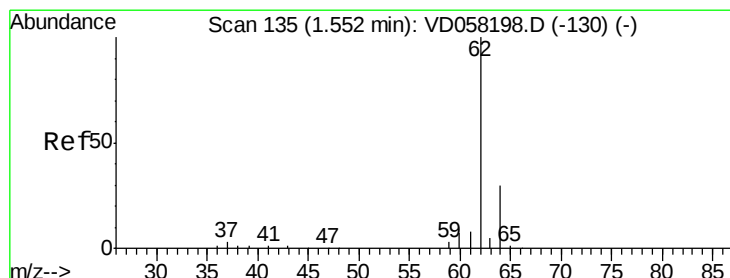
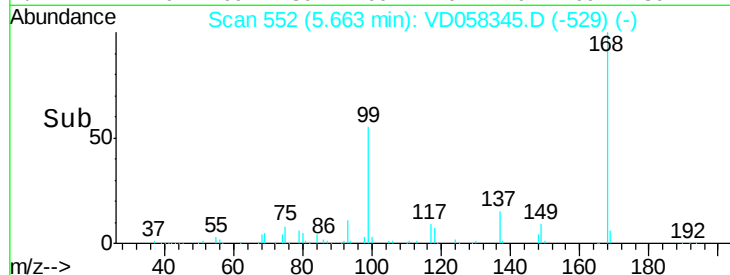
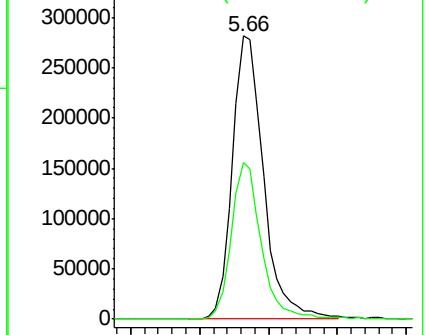
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#4

Vinyl Chloride

Concen: 643.86 ug/l

RT: 1.57 min Scan# 136

Delta R.T. 0.02 min

Lab File: VD058345.D

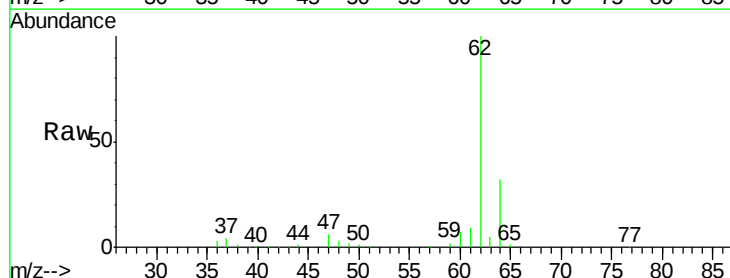
Acq: 23 Jun 2018 17:14

Tgt Ion: 62 Resp: 2980472

Ion Ratio Lower Upper

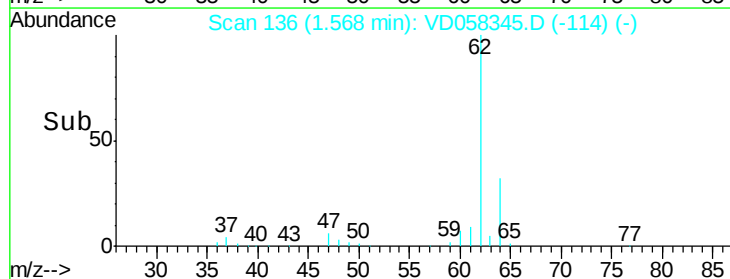
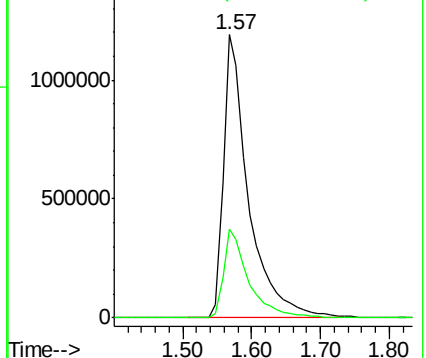
62 100

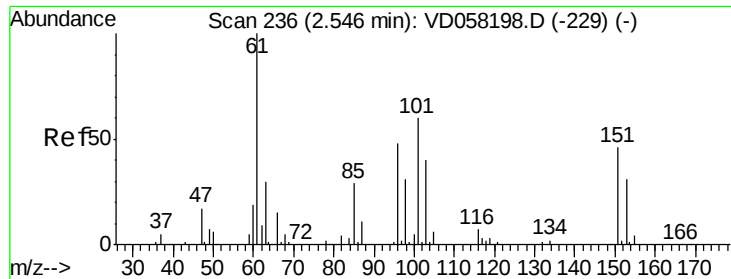
64 31.6 24.4 36.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.14 ug/l

RT: 2.58 min Scan# 239

Delta R.T. 0.04 min

Lab File: VD058345.D

Acq: 23 Jun 2018 17:14

Instrument :

MSVOA_D

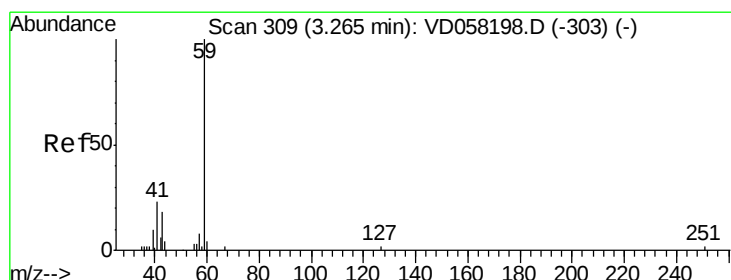
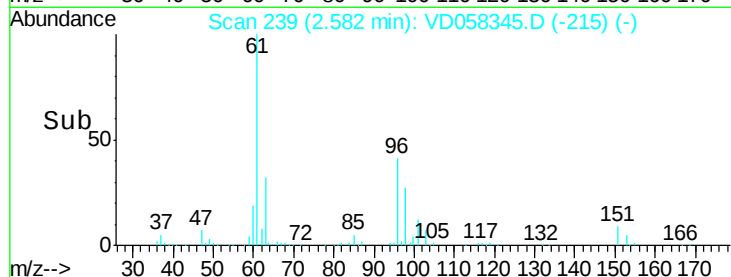
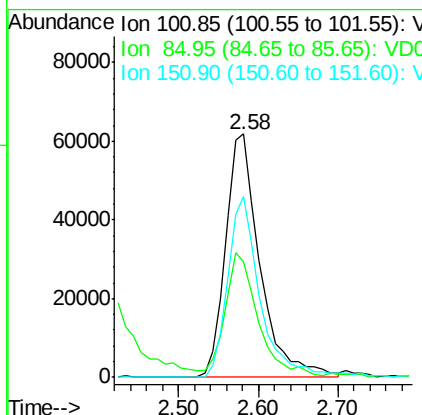
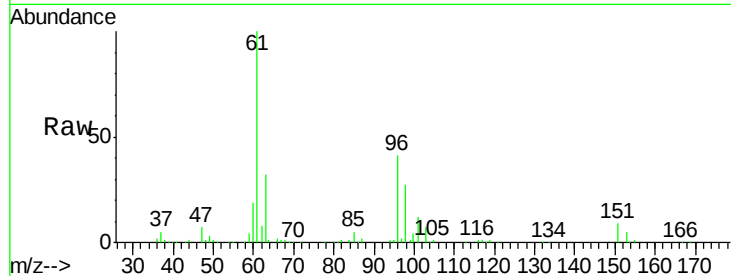
ClientSampleId :

WP021SB471-27-29-180619

Tot Ion:	101	Resp:	186192
Ion Ratio	Lower	Upper	
101	100		
85	47.5	39.0	58.4
151	74.2	61.8	92.8

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#11

Tert butyl alcohol

Concen: 50.94 ug/l

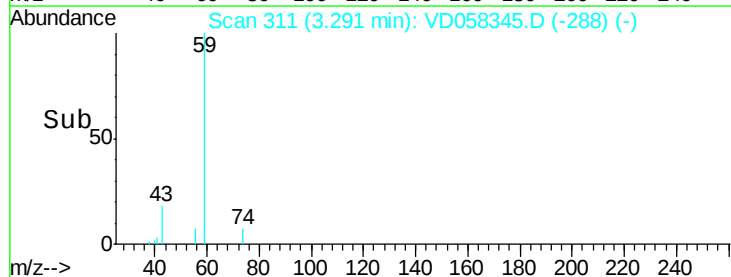
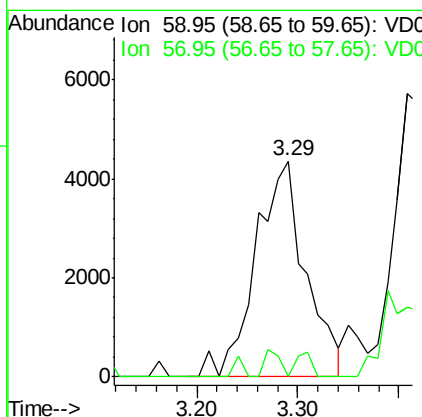
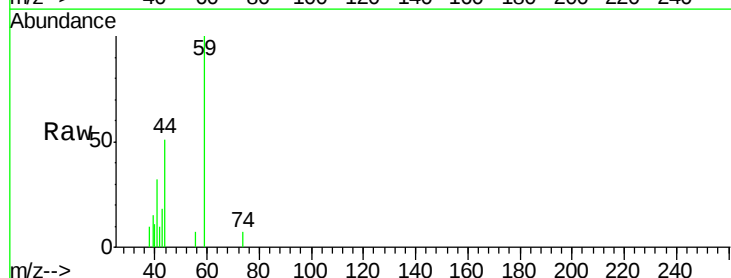
RT: 3.29 min Scan# 311

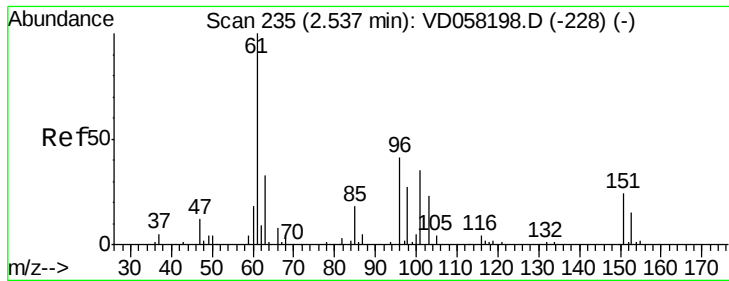
Delta R.T. 0.03 min

Lab File: VD058345.D

Acq: 23 Jun 2018 17:14

Tgt Ion:	59	Resp:	14995
Ion Ratio	Lower	Upper	
59	100		
57	0.0	6.2	9.4#





#12

1,1-Dichloroethene

Concen: 264.86 ug/l

RT: 2.57 min Scan# 238

Delta R.T. 0.04 min

Lab File: VD058345.D

Acq: 23 Jun 2018 17:14

Instrument :

MSVOA_D

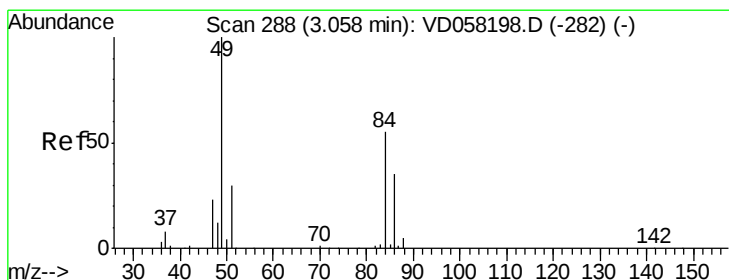
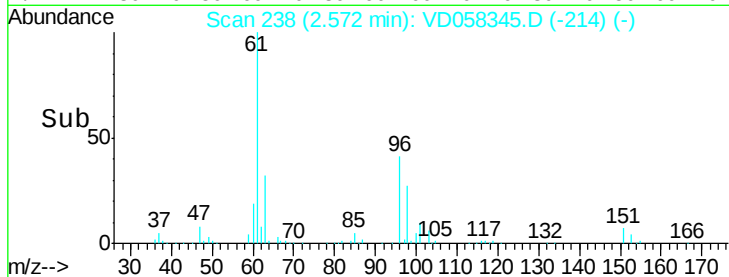
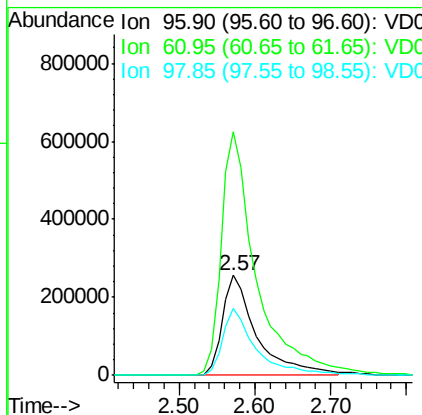
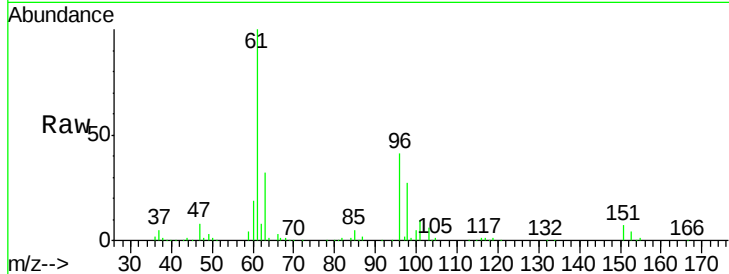
ClientSampleId :

WP021SB471-27-29-180619

Tot Ion:	96	Resp:	804070
Ion	Ratio	Lower	Upper
96	100		
61	244.4	193.9	290.9
98	67.0	51.7	77.5

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#20

Methylene Chloride

Concen: 8.85 ug/l

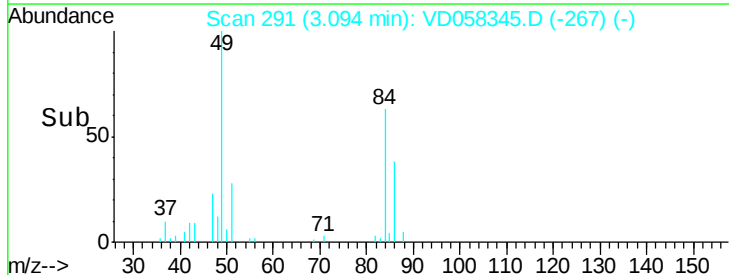
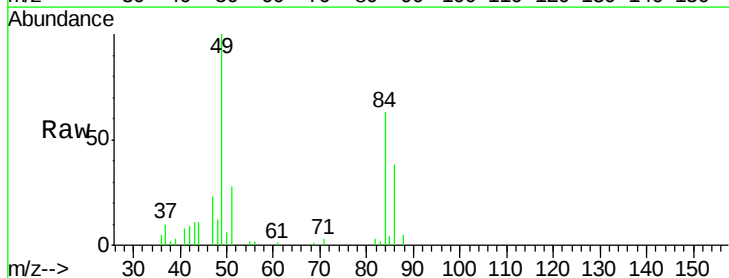
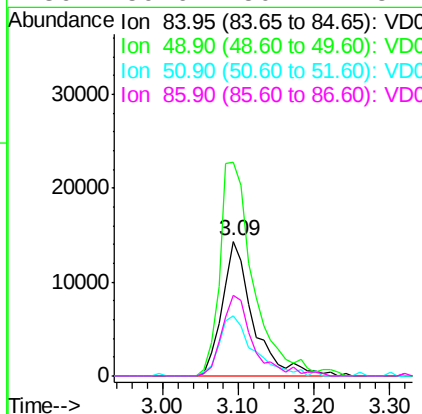
RT: 3.09 min Scan# 291

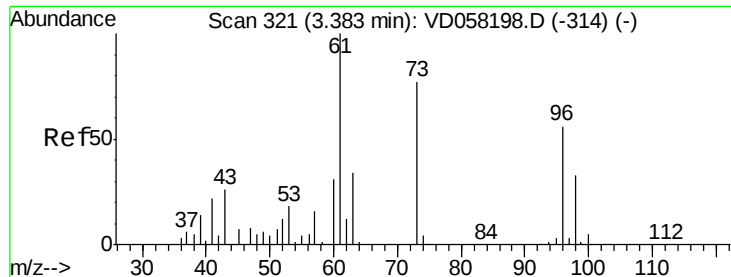
Delta R.T. 0.04 min

Lab File: VD058345.D

Acq: 23 Jun 2018 17:14

Tgt Ion:	84	Resp:	40693
Ion	Ratio	Lower	Upper
84	100		
49	158.2	145.0	217.6
51	44.5	42.9	64.3
86	59.6	50.1	75.1





#21

trans-1,2-Dichloroethene

Concen: 76.10 ug/l

RT: 3.42 min Scan# 324

Delta R.T. 0.04 min

Lab File: VD058345.D

Acq: 23 Jun 2018 17:14

Instrument :

MSVOA_D

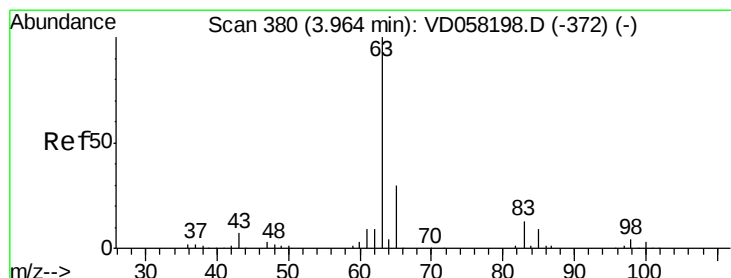
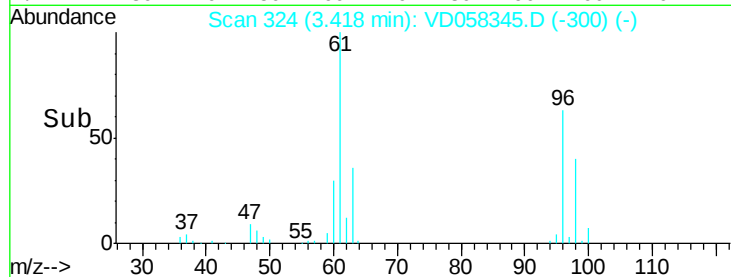
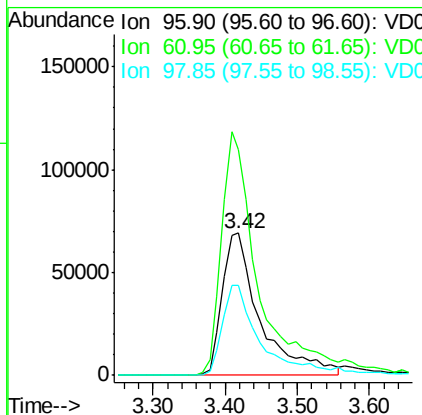
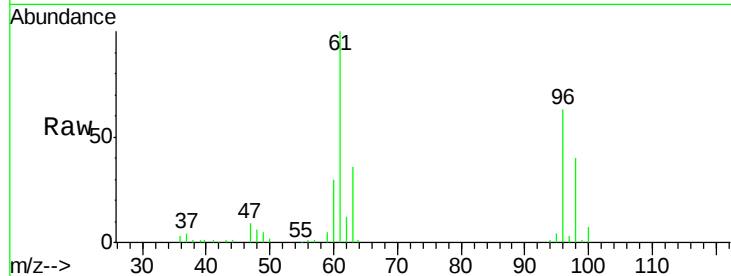
ClientSampleId :

WP021SB471-27-29-180619

Tot Ion:	96	Resp:	252495
Ion	Ratio	Lower	Upper
96	100		
61	158.5	143.8	215.6
98	63.6	48.0	72.0

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#24

1,1-Dichloroethane

Concen: 11.01 ug/l

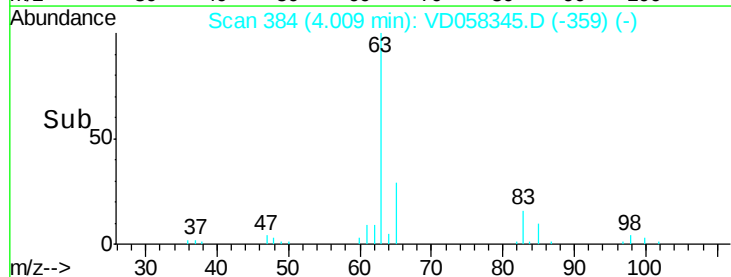
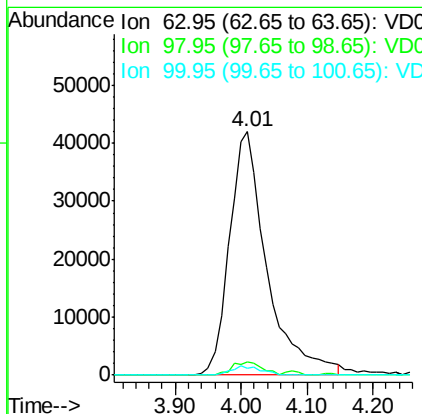
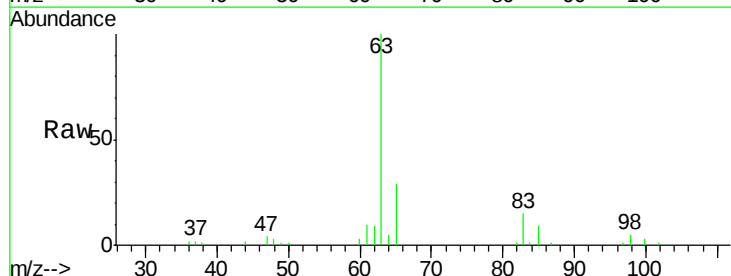
RT: 4.01 min Scan# 384

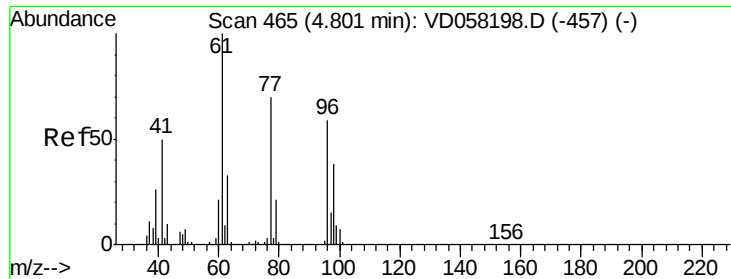
Delta R.T. 0.05 min

Lab File: VD058345.D

Acq: 23 Jun 2018 17:14

Tgt Ion:	63	Resp:	166502
Ion	Ratio	Lower	Upper
63	100		
98	5.5	1.9	5.7
100	2.6	1.3	3.9





#27

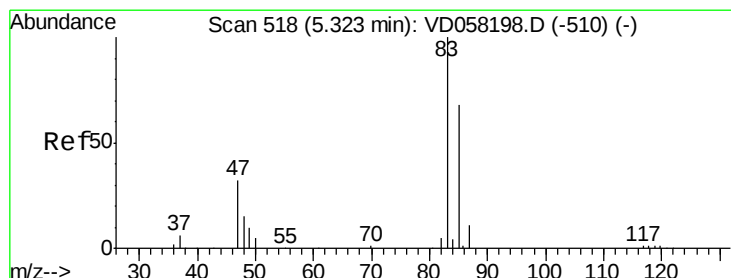
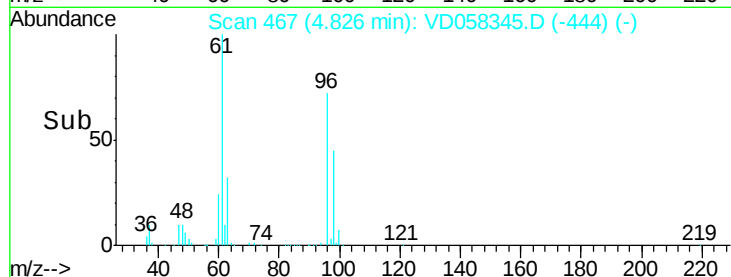
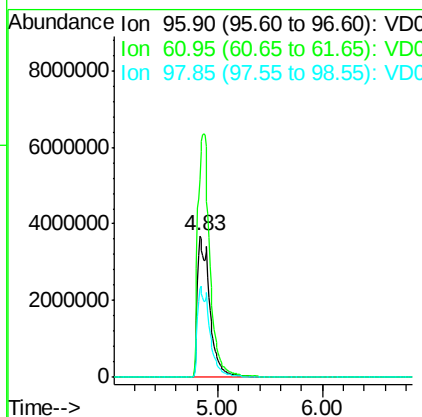
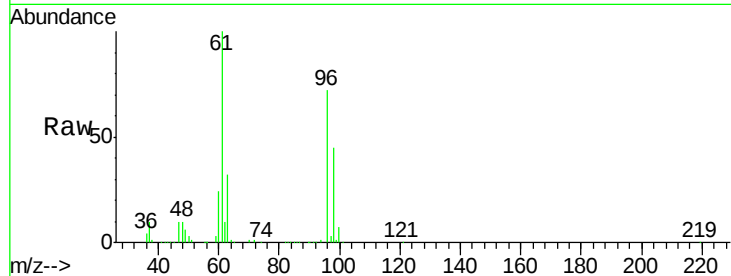
cis-1,2-Dichloroethene
 Concen: 3676.56 ug/l m
 RT: 4.83 min Scan# 467
 Delta R.T. 0.03 min
 Lab File: VD058345.D
 Acq: 23 Jun 2018 17:14

Instrument :
 MSVOA_D
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 WP021SB471-27-29-180619

Tot Ion: 96 Resp:30483059
 Ion Ratio Lower Upper
 96 100
 61 139.7 0.0 338.6
 98 62.9 0.0 130.2

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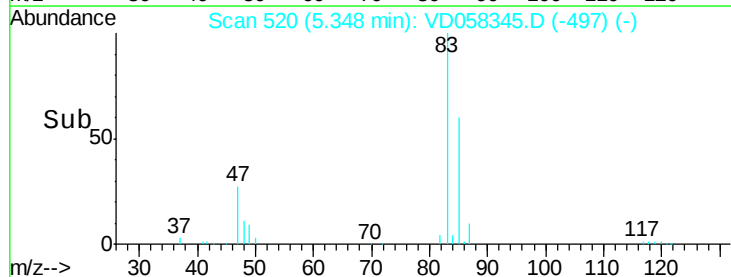
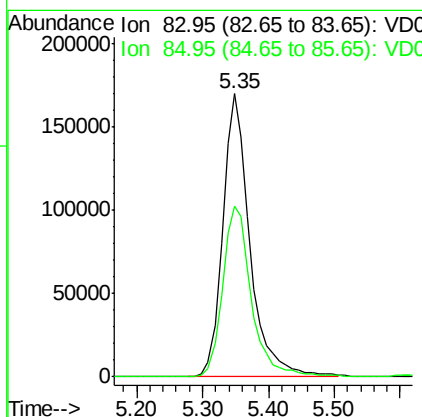
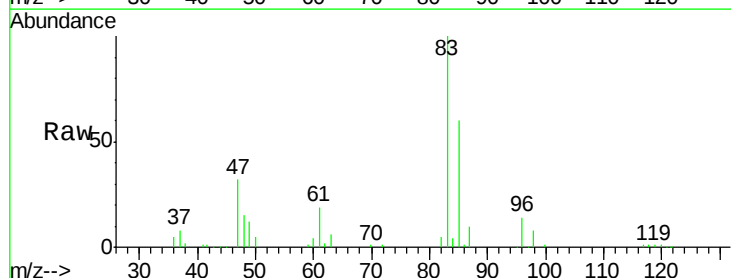
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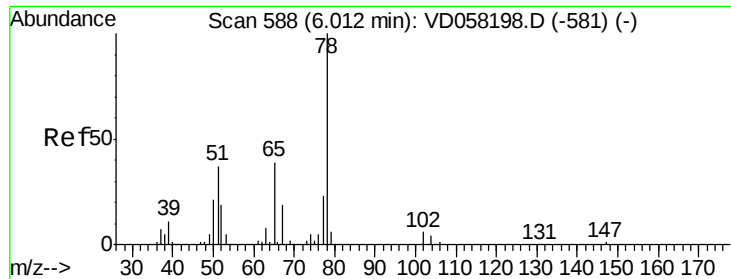


#30

Chloroform
 Concen: 30.59 ug/l
 RT: 5.35 min Scan# 520
 Delta R.T. 0.03 min
 Lab File: VD058345.D
 Acq: 23 Jun 2018 17:14

Tgt Ion: 83 Resp: 488277
 Ion Ratio Lower Upper
 83 100
 85 60.1 54.8 82.2





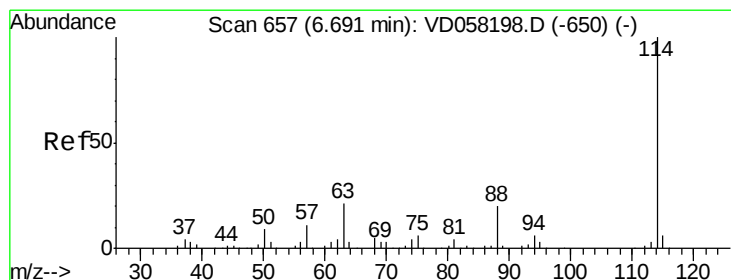
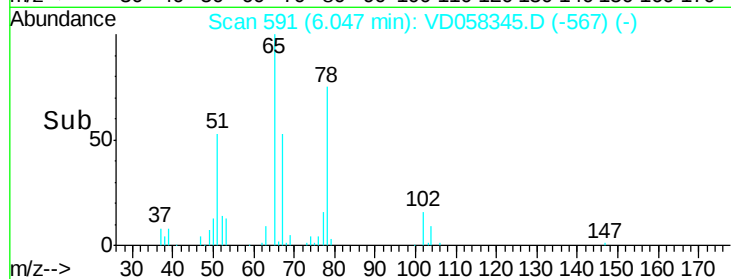
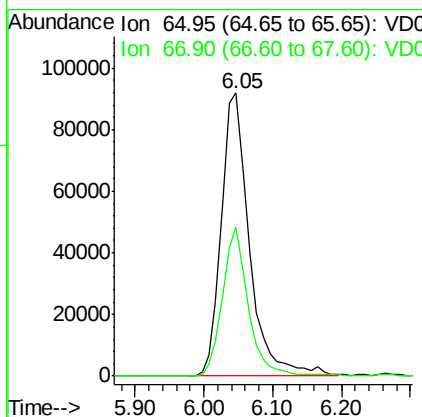
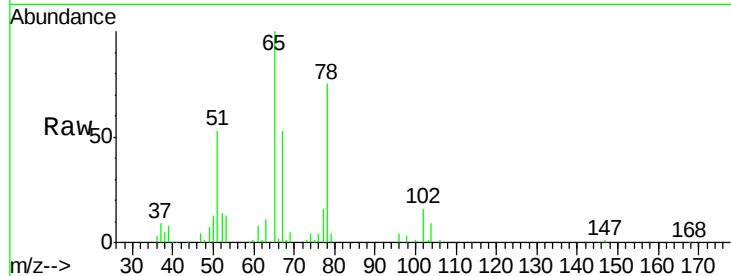
#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.05 min Scan# 591
 Delta R.T. 0.04 min
 Lab File: VD058345.D
 Acq: 23 Jun 2018 17:14

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-27-29-180619

Tot Ion: 65 Resp: 260875
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 97.8

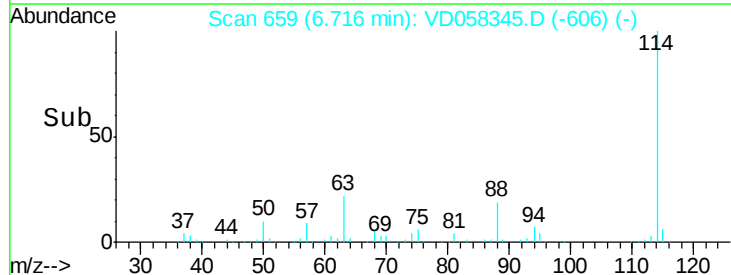
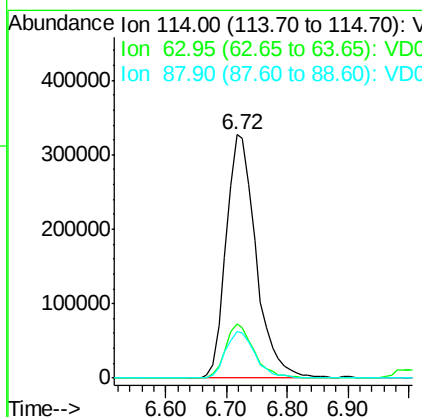
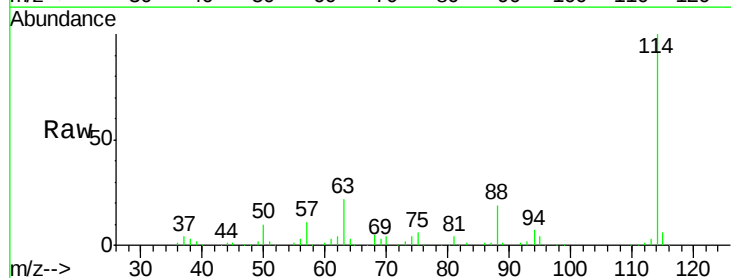
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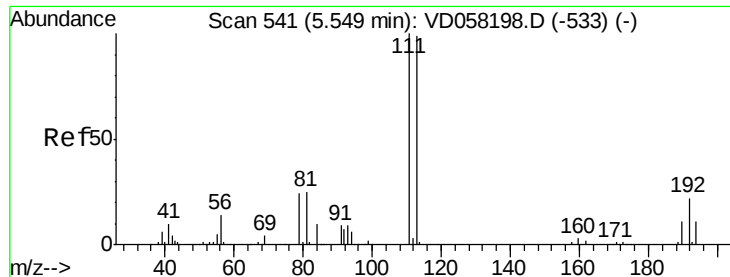
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.72 min Scan# 659
 Delta R.T. 0.03 min
 Lab File: VD058345.D
 Acq: 23 Jun 2018 17:14

Tgt Ion: 114 Resp: 1117425
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.6
 88 19.3 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.57 min Scan# 543

Delta R.T. 0.03 min

Lab File: VD058345.D

Acq: 23 Jun 2018 17:14

Instrument :

MSVOA_D

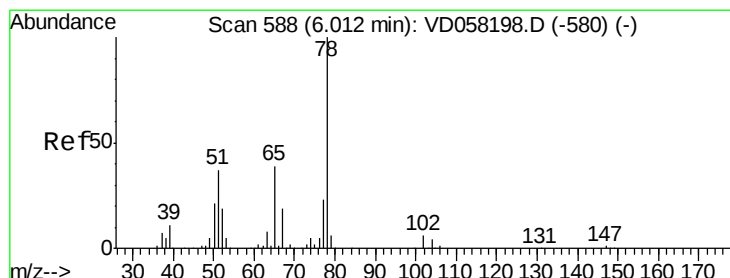
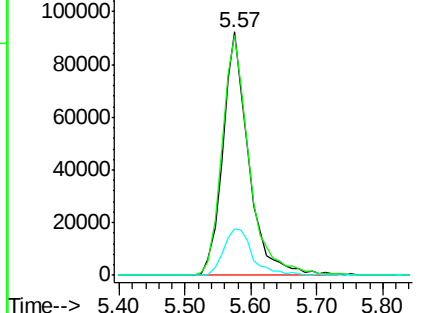
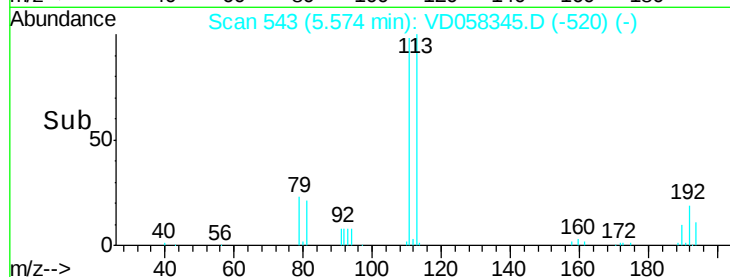
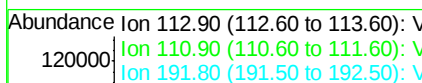
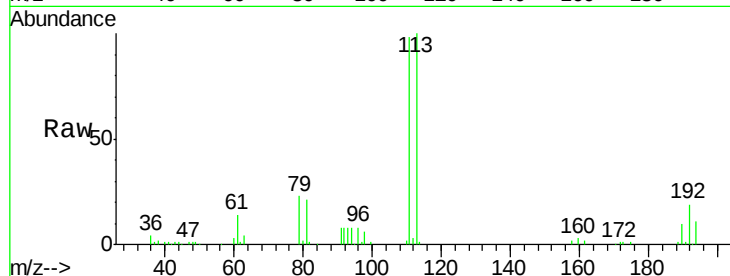
ClientSampleId :

WP021SB471-27-29-180619

Tot Ion:	113	Resp:	253630
Ion Ratio	Lower	Upper	
113	100		
111	98.4	80.6	121.0
192	19.3	17.8	26.6

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#40

Benzene

Concen: 7.85 ug/l

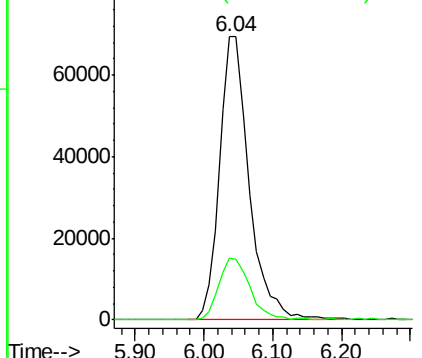
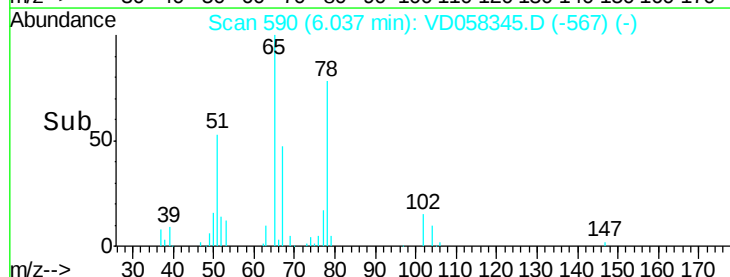
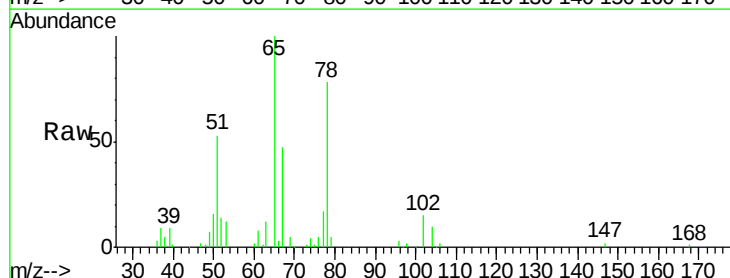
RT: 6.04 min Scan# 590

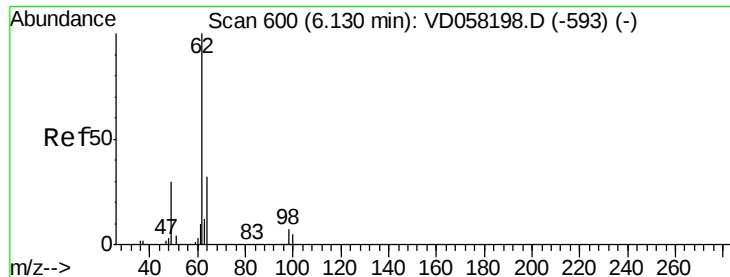
Delta R.T. 0.03 min

Lab File: VD058345.D

Acq: 23 Jun 2018 17:14

Tgt Ion:	78	Resp:	206738
Ion Ratio	Lower	Upper	
78	100		
77	21.8	18.5	27.7





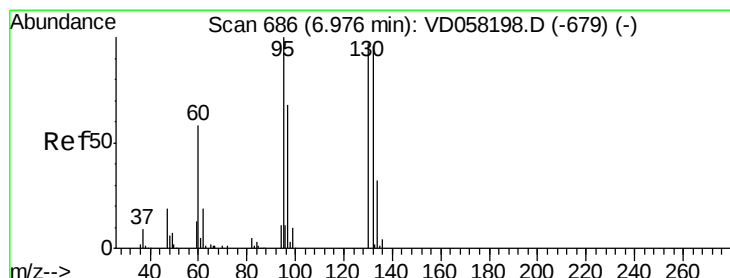
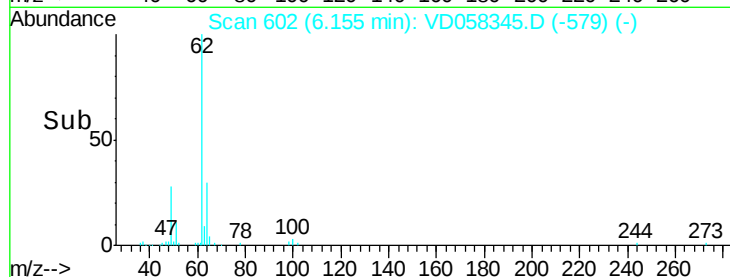
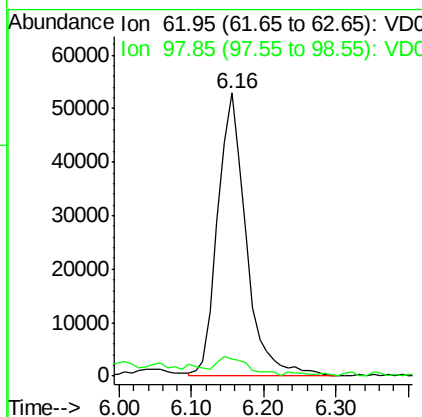
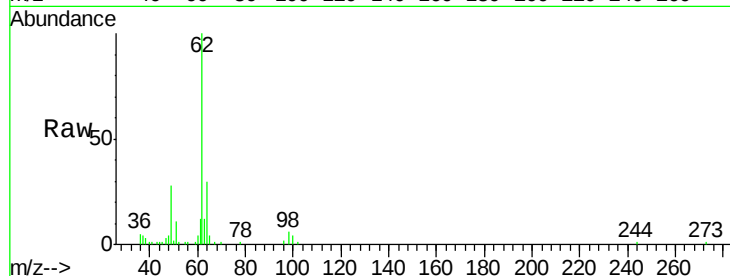
#42
 1,2-Dichloroethane
 Concen: 13.61 ug/l
 RT: 6.16 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD058345.D
 Acq: 23 Jun 2018 17:14

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-27-29-180619

Tot Ion	Ratio	Resp	Lower	Upper
62	100	144519		
98	6.2	0.0	13.2	

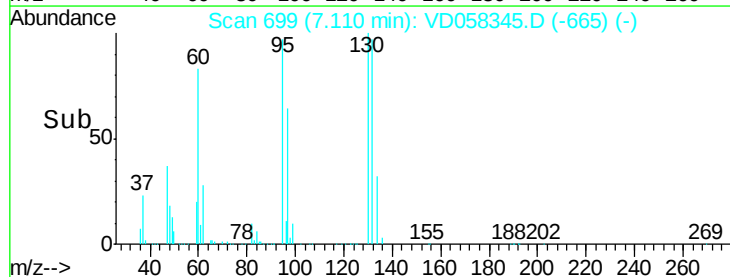
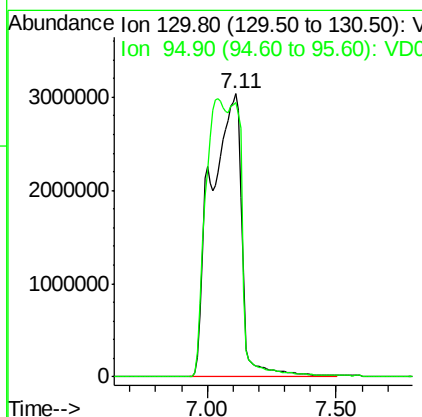
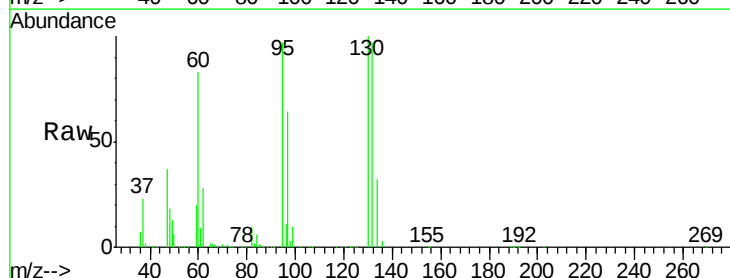
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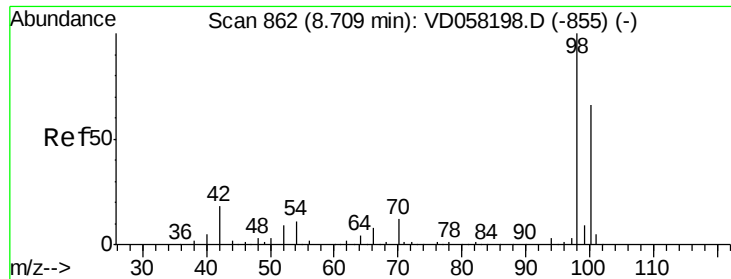
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#44
 Trichloroethene
 Concen: 3167.85 ug/l m
 RT: 7.11 min Scan# 699
 Delta R.T. 0.13 min
 Lab File: VD058345.D
 Acq: 23 Jun 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	25048421		
95	97.0	0.0	205.6	





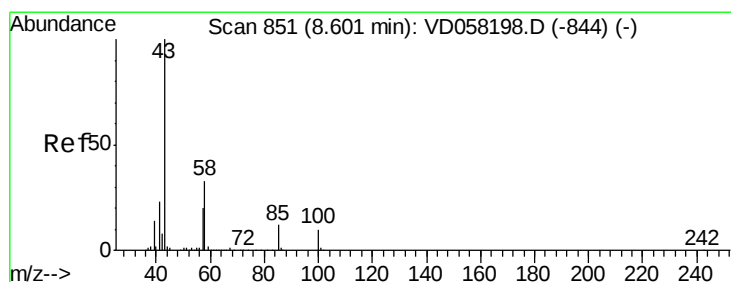
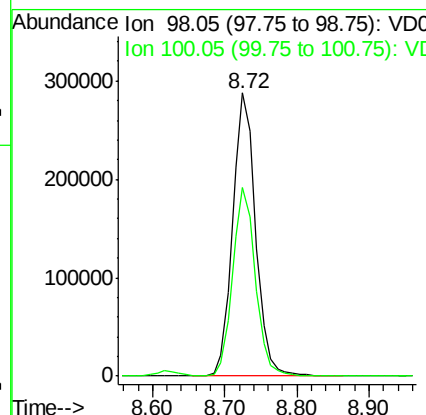
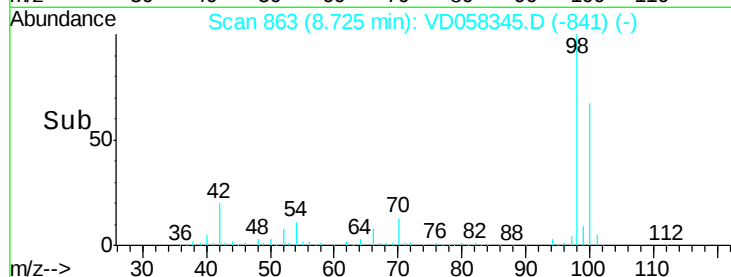
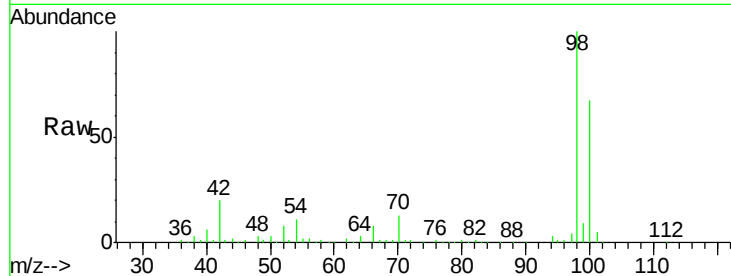
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.02 min
Lab File: VD058345.D
Acq: 23 Jun 2018 17:14

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-27-29-180619

Tot Ion: 98 Resp: 636830
Ion Ratio Lower Upper
98 100
100 66.8 53.6 80.4

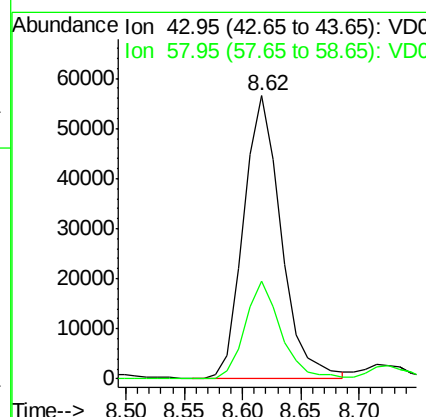
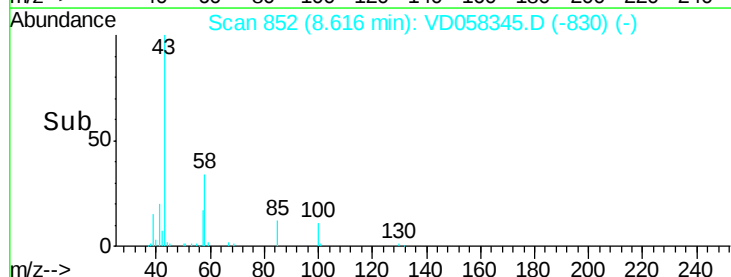
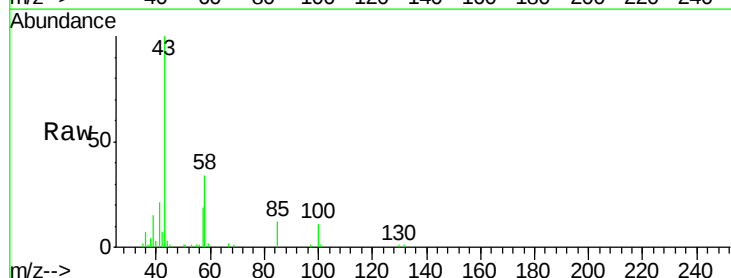
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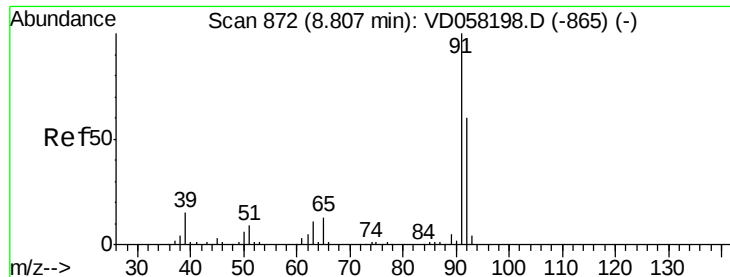
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#51
4-Methyl-2-Pentanone
Concen: 23.14 ug/l
RT: 8.62 min Scan# 852
Delta R.T. 0.02 min
Lab File: VD058345.D
Acq: 23 Jun 2018 17:14

Tgt Ion: 43 Resp: 126747
Ion Ratio Lower Upper
43 100
58 34.4 26.7 40.1





#52

Toluene

Concen: 19.69 ug/l

RT: 8.82 min Scan# 873

Delta R.T. 0.02 min

Lab File: VD058345.D

Acq: 23 Jun 2018 17:14

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-27-29-180619

Tot Ion: 92 Resp: 295196

Ion Ratio Lower Upper

92 100

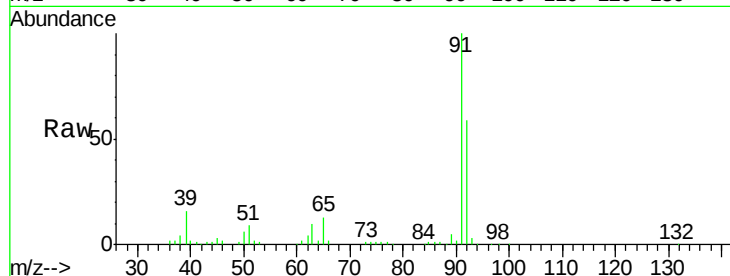
91 170.6 133.2 199.8

Manual Integrations

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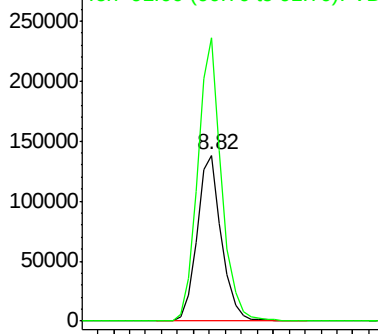
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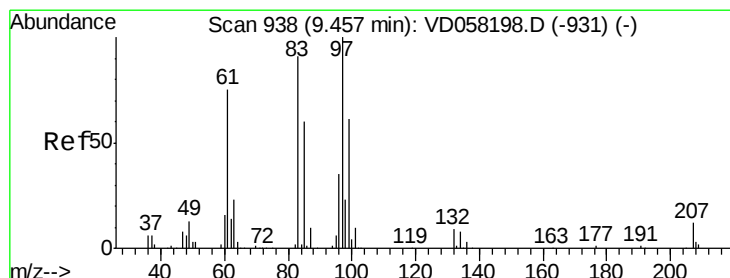
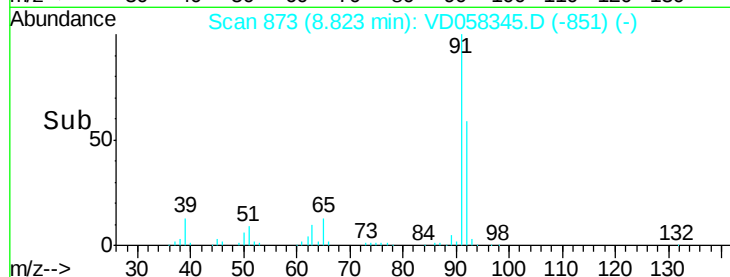


Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



Time-->



#55

1,1,2-Trichloroethane

Concen: 33.19 ug/l

RT: 9.47 min Scan# 939

Delta R.T. 0.02 min

Lab File: VD058345.D

Acq: 23 Jun 2018 17:14

Tgt Ion: 97 Resp: 176067

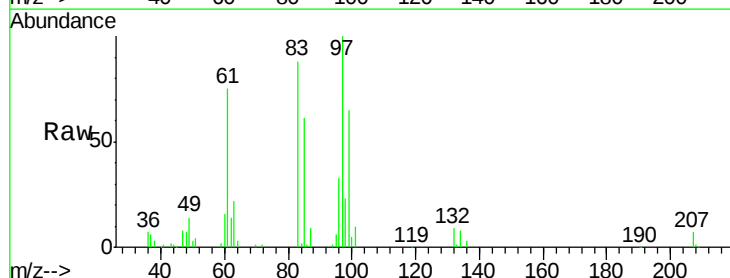
Ion Ratio Lower Upper

97 100

83 88.2 72.9 109.3

85 60.9 48.2 72.4

99 65.0 48.9 73.3

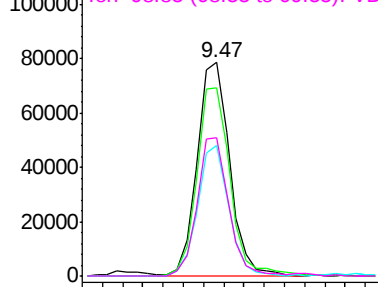


Abundance Ion 96.85 (96.55 to 97.55): VDC

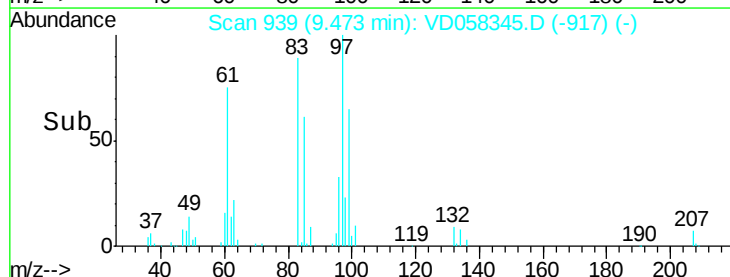
Ion 82.95 (82.65 to 83.65): VDC

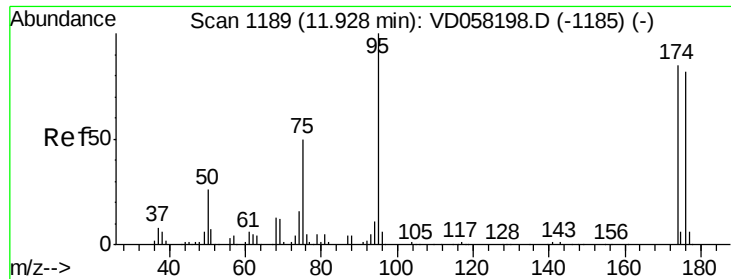
Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD058345.D

Acq: 23 Jun 2018 17:14

Instrument :

MSVOA_D

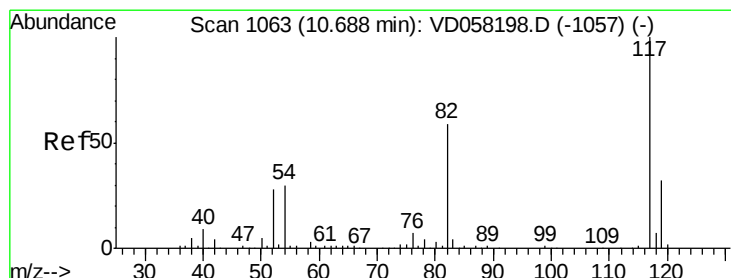
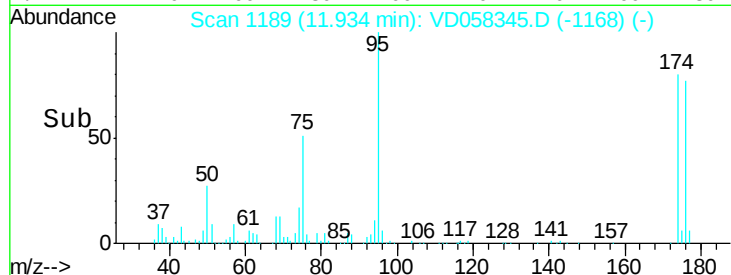
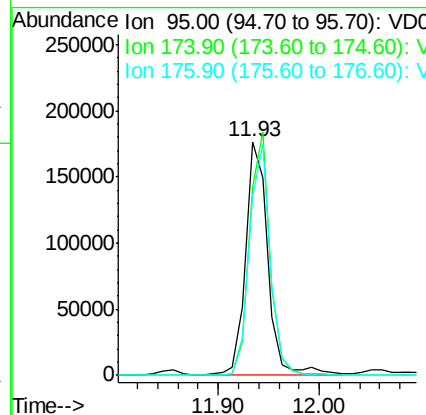
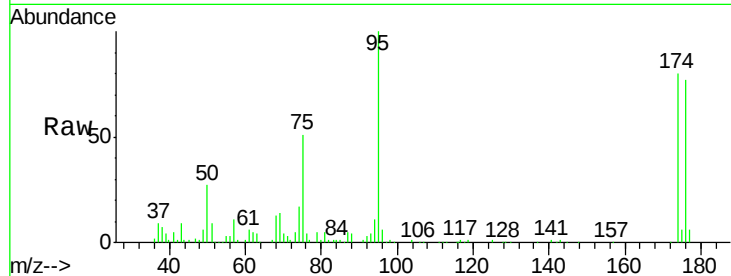
ClientSampleId :

WP021SB471-27-29-180619

Tot Ion:	95	Resp:	271988
Ion Ratio	Lower	Upper	
95	100		
174	80.4	0.0	170.2
176	76.8	0.0	164.6

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

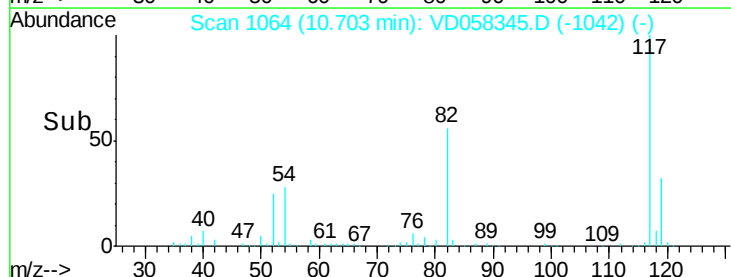
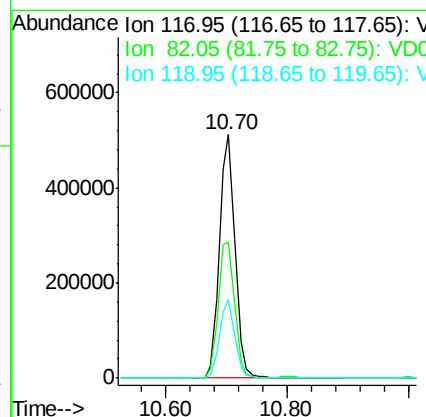
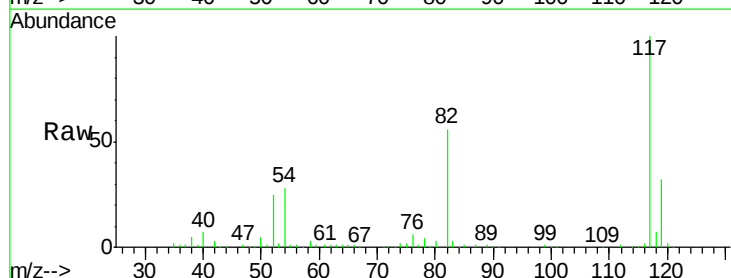
RT: 10.70 min Scan# 1064

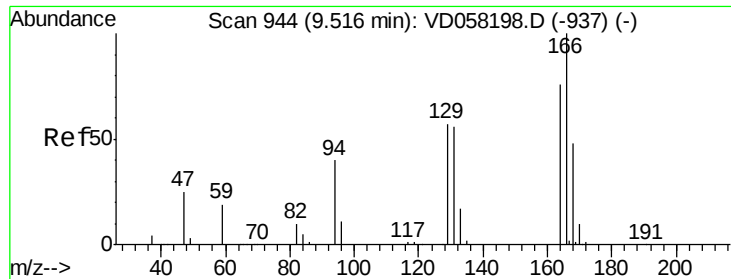
Delta R.T. 0.02 min

Lab File: VD058345.D

Acq: 23 Jun 2018 17:14

Tgt Ion:	117	Resp:	918725
Ion Ratio	Lower	Upper	
117	100		
82	55.9	47.0	70.6
119	32.4	25.3	37.9





#64

Tetrachloroethene

Concen: 14.37 ug/l

RT: 9.53 min Scan# 945

Delta R.T. 0.02 min

Lab File: VD058345.D

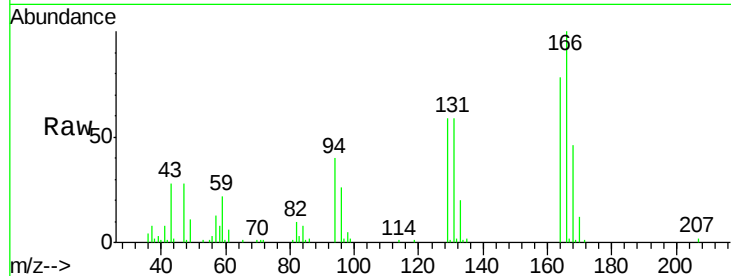
Acq: 23 Jun 2018 17:14

Instrument :

MSVOA_D

ClientSampleId :

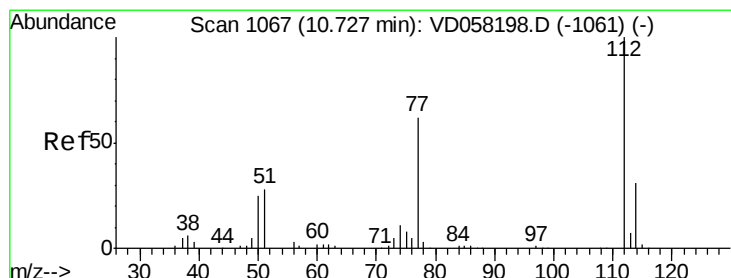
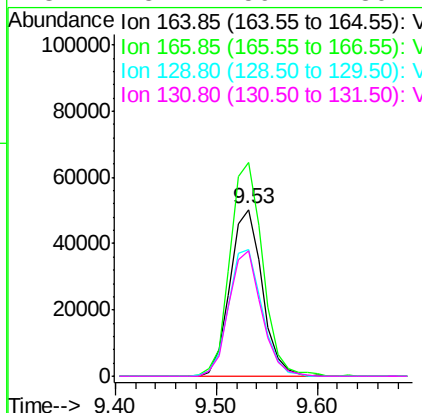
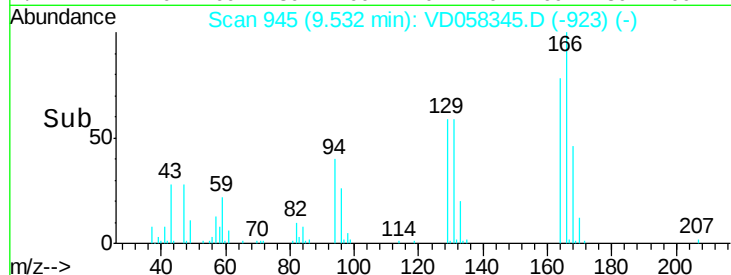
WP021SB471-27-29-180619



Tot Ion	Ion	Ratio	Resp	Lower	Upper
164	100				
166	127.9	105.4	158.0		
129	75.9	59.6	89.4		
131	75.4	59.4	89.2		

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#65

Chlorobenzene

Concen: 21.85 ug/l

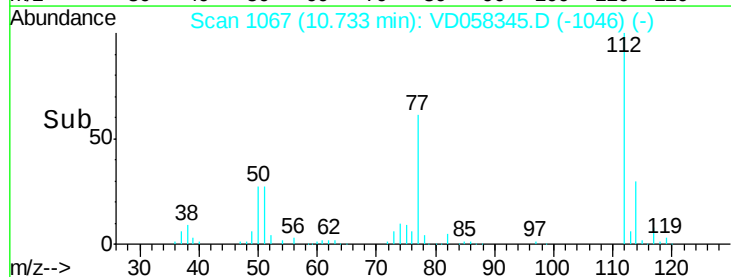
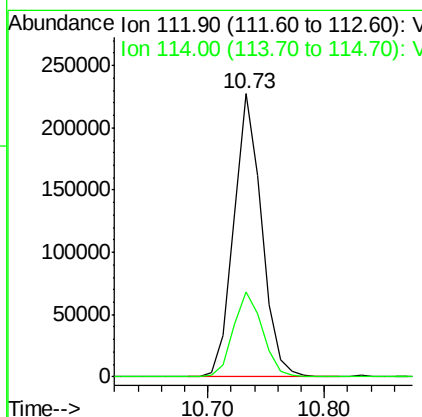
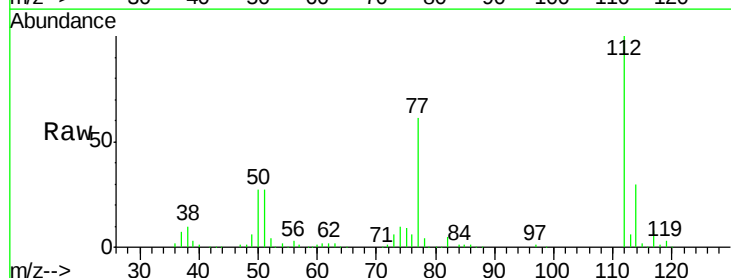
RT: 10.73 min Scan# 1067

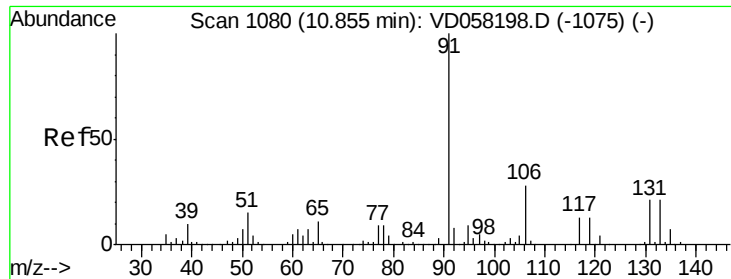
Delta R.T. 0.01 min

Lab File: VD058345.D

Acq: 23 Jun 2018 17:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
112	100				
114	30.0	25.0	37.4		





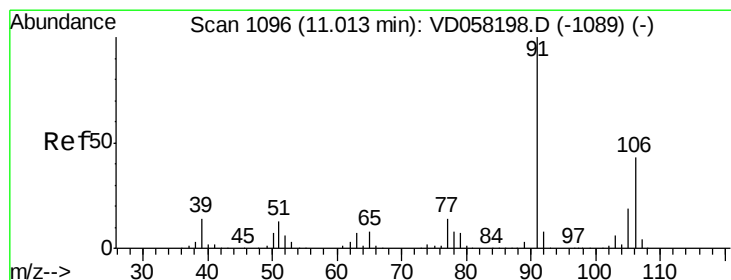
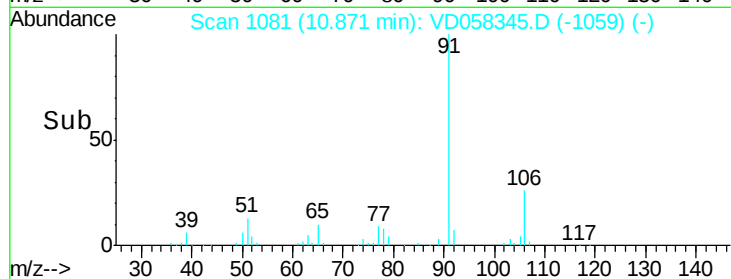
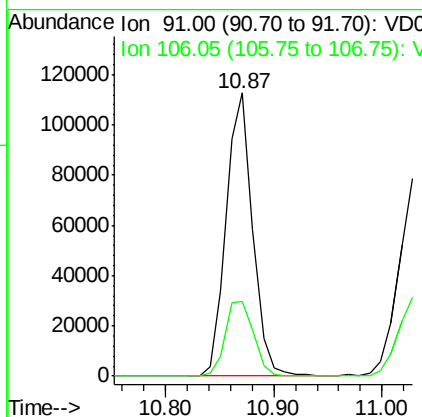
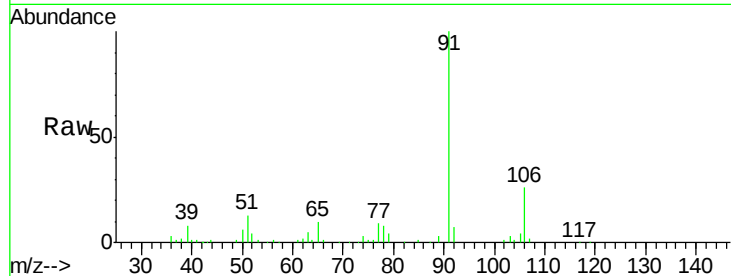
#67
Ethyl Benzene
Concen: 6.32 ug/l
RT: 10.87 min Scan# 1081
Delta R.T. 0.02 min
Lab File: VD058345.D
Acq: 23 Jun 2018 17:14

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-27-29-180619

Tot Ion: 91 Resp: 191663
Ion Ratio Lower Upper
91 100
106 26.3 22.0 33.0

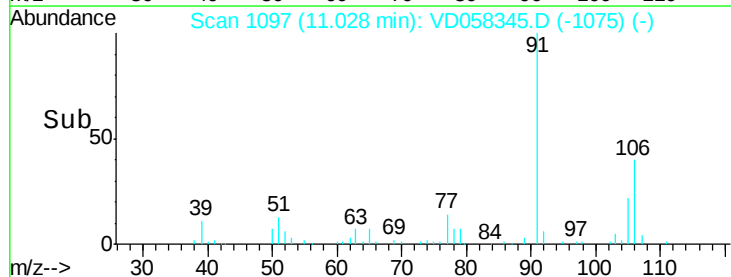
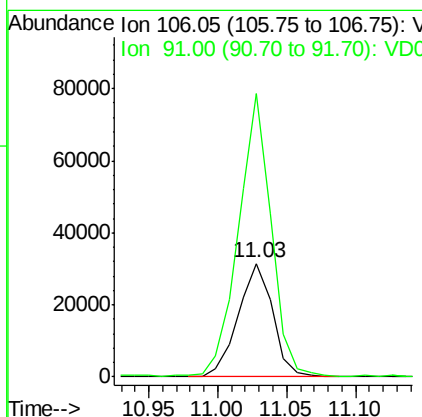
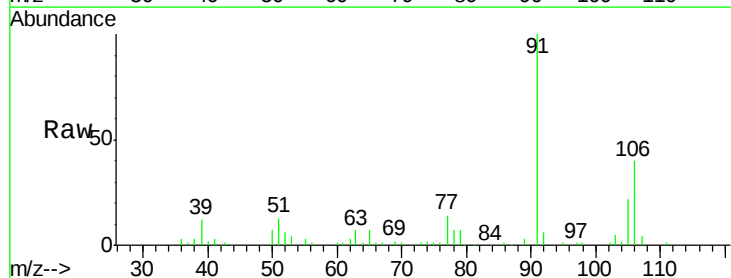
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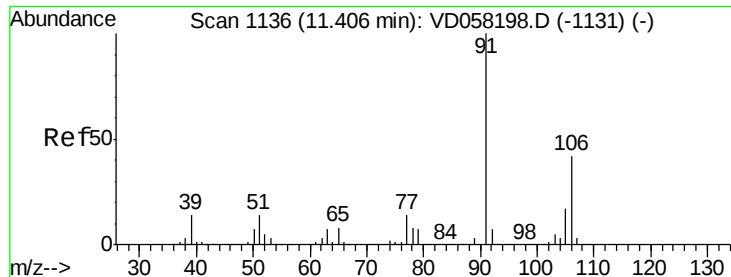
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#68
m/p-Xylenes
Concen: 5.42 ug/l
RT: 11.03 min Scan# 1097
Delta R.T. 0.02 min
Lab File: VD058345.D
Acq: 23 Jun 2018 17:14

Tgt Ion: 106 Resp: 54886
Ion Ratio Lower Upper
106 100
91 250.2 185.0 277.6





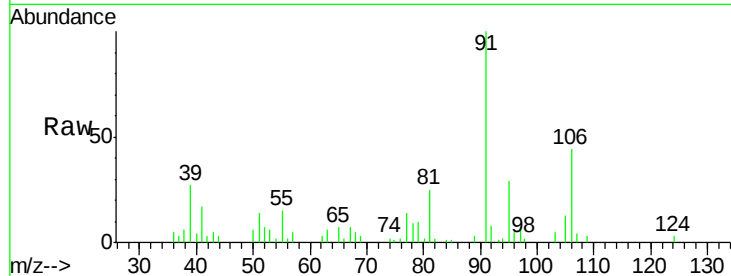
#69
o-Xylene
Concen: 1.60 ug/l
RT: 11.41 min Scan# 1136
Delta R.T. 0.01 min
Lab File: VD058345.D
Acq: 23 Jun 2018 17:14

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-27-29-180619

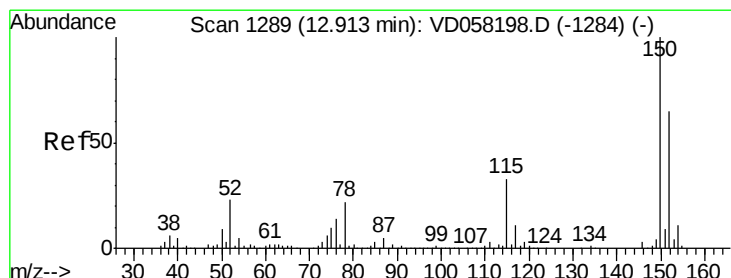
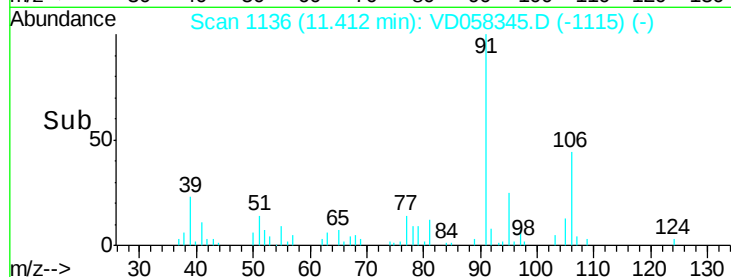
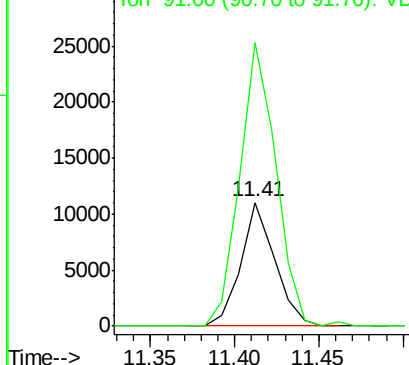
Tot Ion:106 Resp: 15476
Ion Ratio Lower Upper
106 100
91 228.9 120.2 360.6

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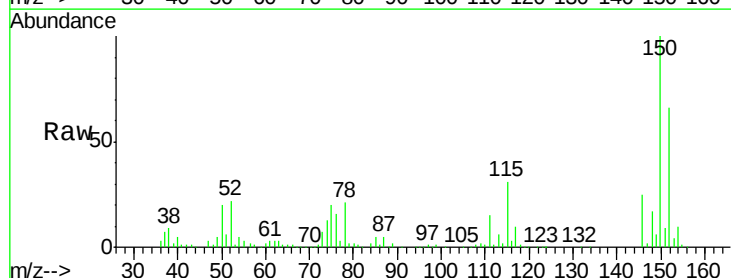


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

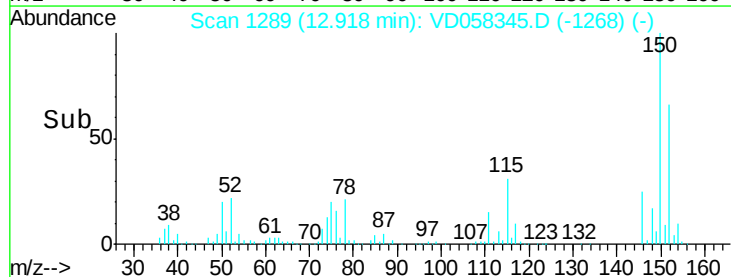
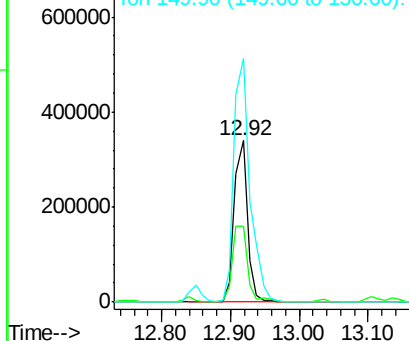


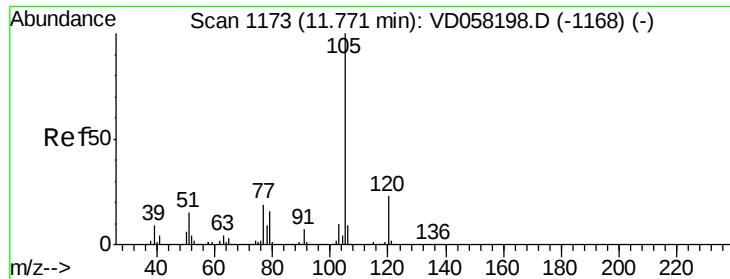
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.92 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VD058345.D
Acq: 23 Jun 2018 17:14

Tgt Ion:152 Resp: 455662
Ion Ratio Lower Upper
152 100
115 47.2 25.1 75.3
150 150.8 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: 3.92 ug/l

RT: 11.79 min Scan# 1174

Delta R.T. 0.02 min

Lab File: VD058345.D

Acq: 23 Jun 2018 17:14

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-27-29-180619

Tot Ion: 105 Resp: 106841

Ion Ratio Lower Upper

105 100

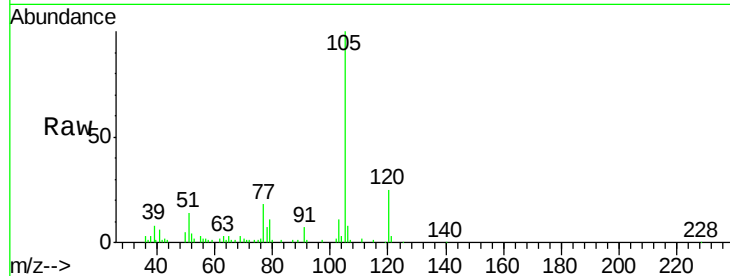
120 25.2 11.6 34.8

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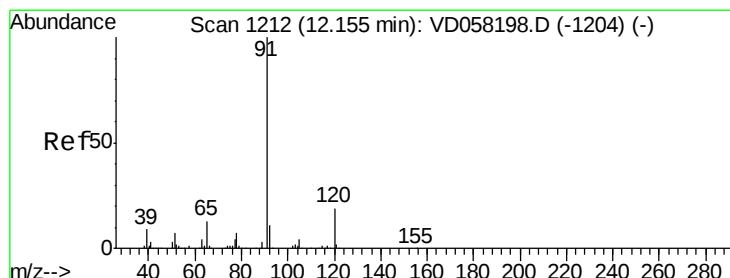
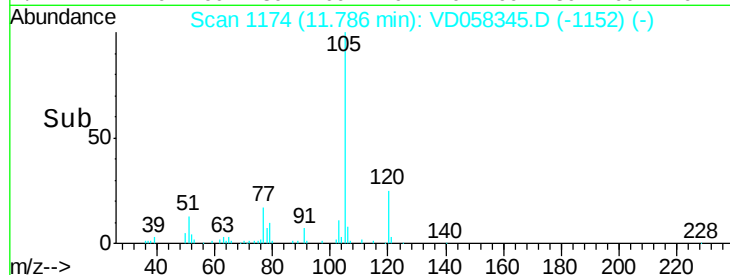
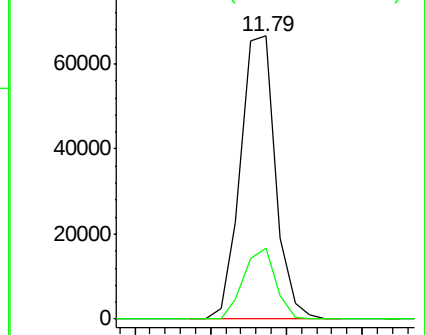
apatel

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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: 6.30 ug/l

RT: 12.16 min Scan# 1212

Delta R.T. 0.01 min

Lab File: VD058345.D

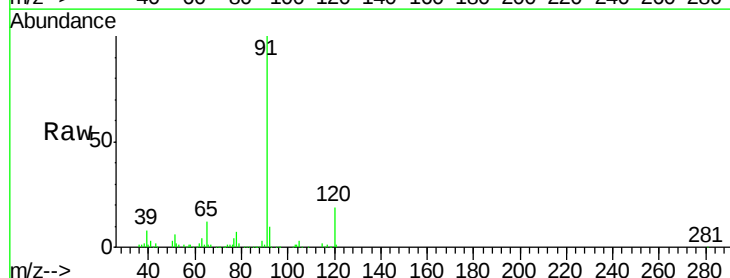
Acq: 23 Jun 2018 17:14

Tgt Ion: 91 Resp: 221913

Ion Ratio Lower Upper

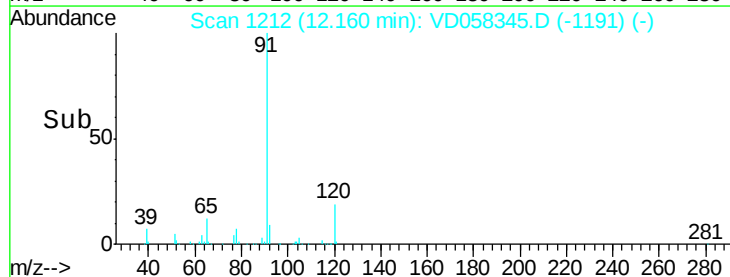
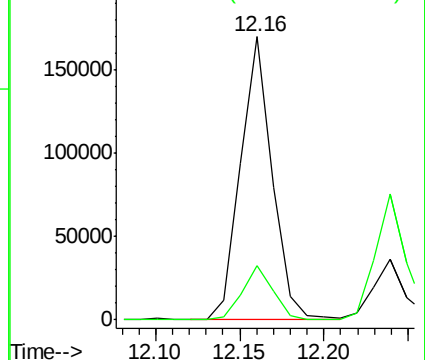
91 100

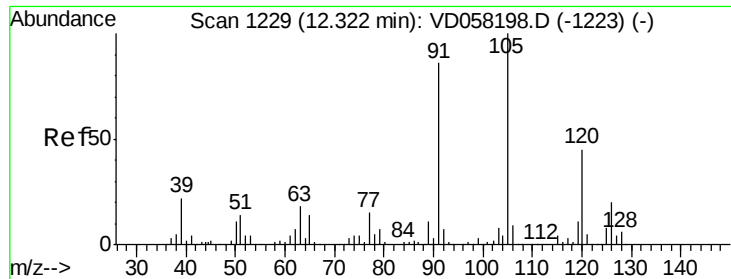
120 19.1 9.7 29.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





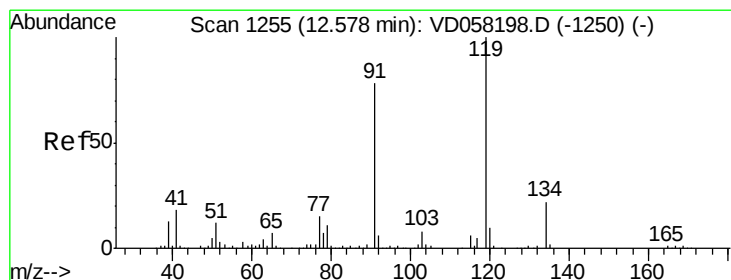
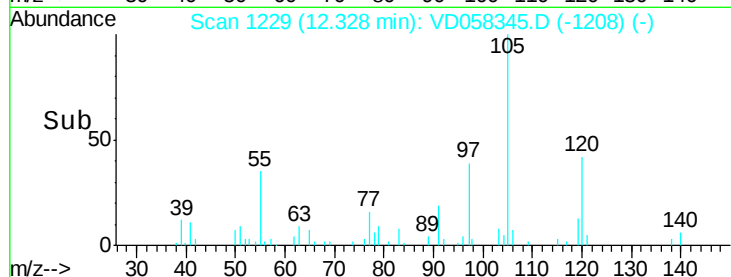
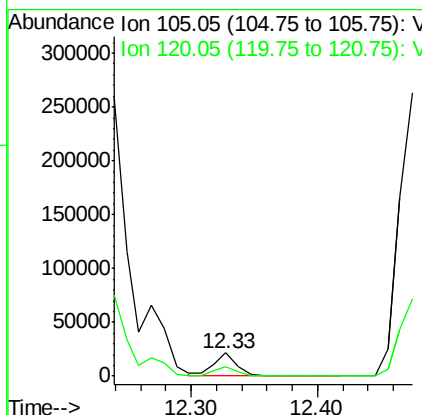
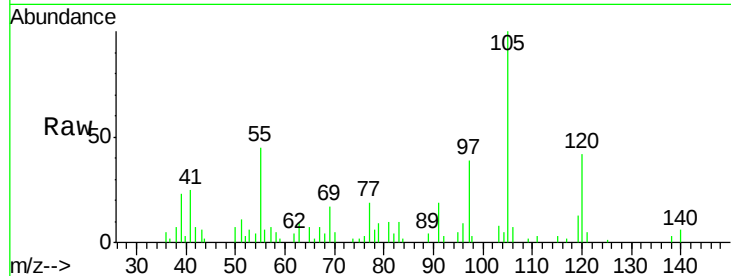
#80
 1,3,5-Trimethylbenzene
 Concen: 1.33 ug/l
 RT: 12.33 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VD058345.D
 Acq: 23 Jun 2018 17:14

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-27-29-180619

Tot Ion:105 Resp: 28317
 Ion Ratio Lower Upper
 105 100
 120 41.7 22.5 67.5

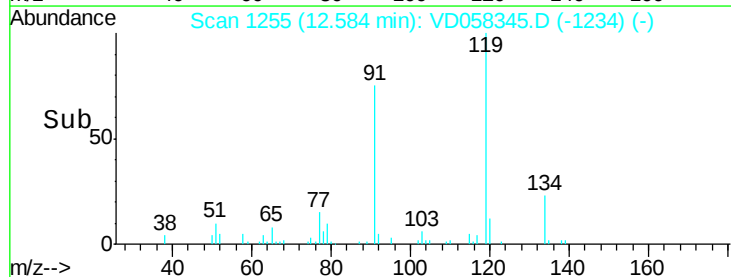
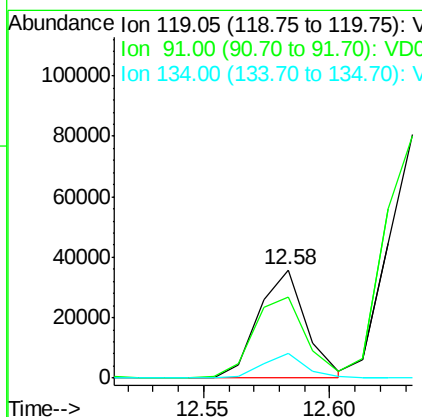
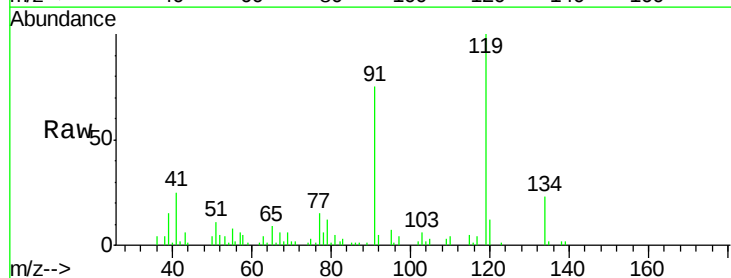
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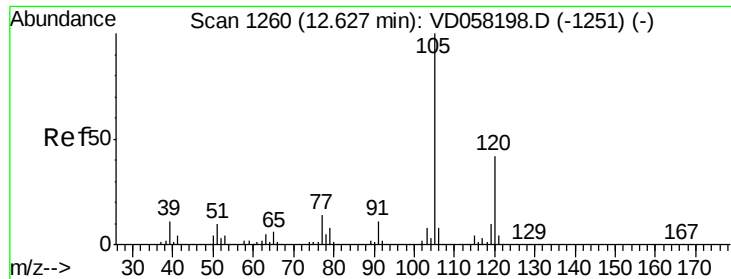
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#83
 tert-Butylbenzene
 Concen: 1.92 ug/l
 RT: 12.58 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: VD058345.D
 Acq: 23 Jun 2018 17:14

Tgt Ion:119 Resp: 47039
 Ion Ratio Lower Upper
 119 100
 91 74.7 38.9 116.6
 134 23.1 11.2 33.5





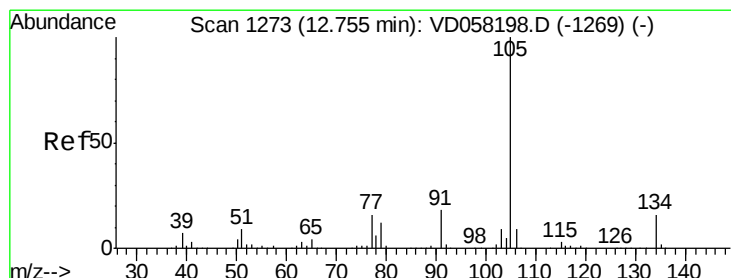
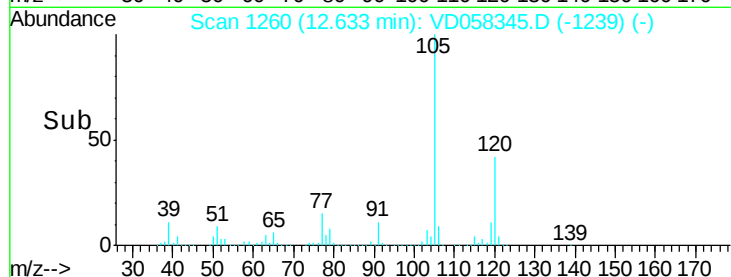
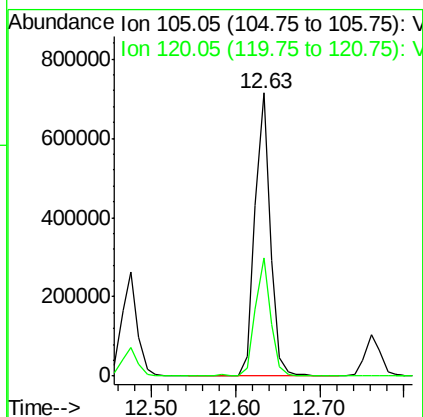
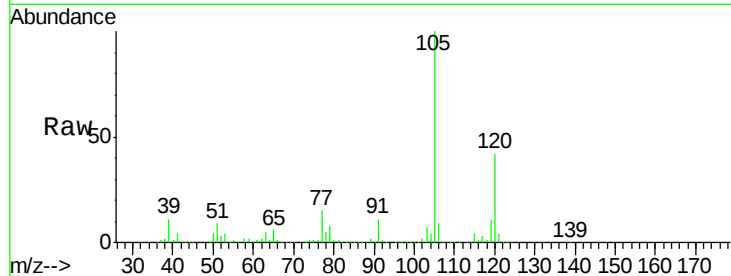
#84
 1,2,4-Trimethylbenzene
 Concen: 39.97 ug/l
 RT: 12.63 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VD058345.D
 Acq: 23 Jun 2018 17:14

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-27-29-180619

Tot Ion:105 Resp: 923578
 Ion Ratio Lower Upper
 105 100
 120 41.7 20.8 62.4

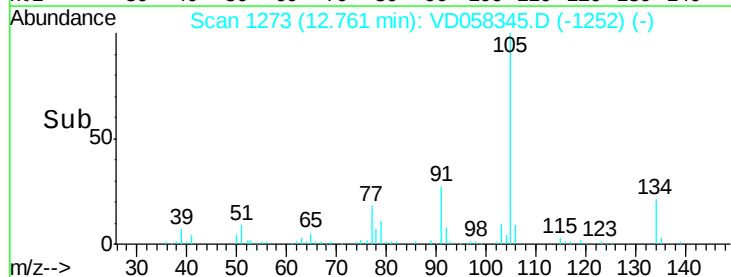
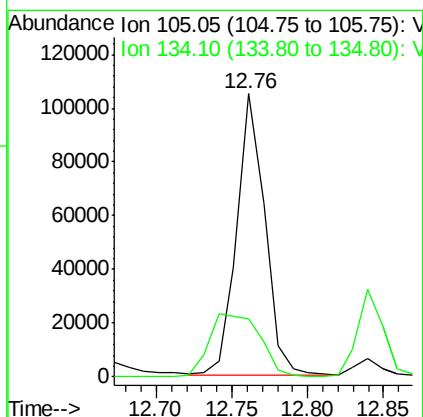
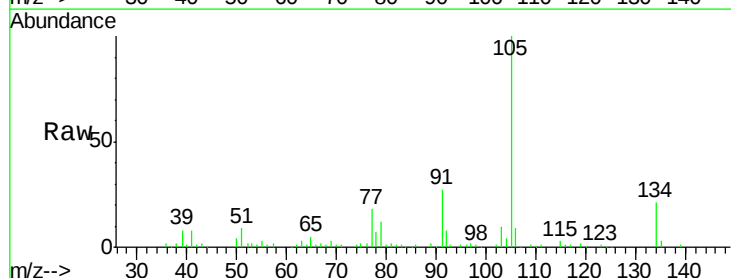
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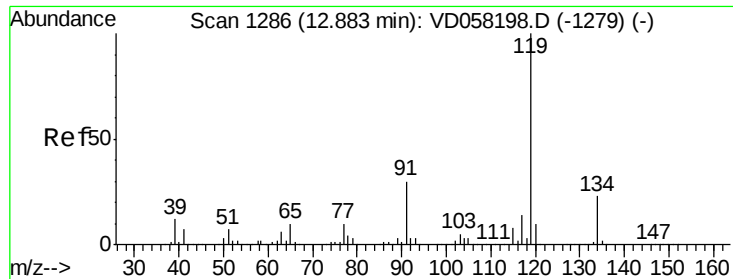
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#85
 sec-Butylbenzene
 Concen: 4.72 ug/l
 RT: 12.76 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: VD058345.D
 Acq: 23 Jun 2018 17:14

Tgt Ion:105 Resp: 135305
 Ion Ratio Lower Upper
 105 100
 134 20.5 8.1 24.3





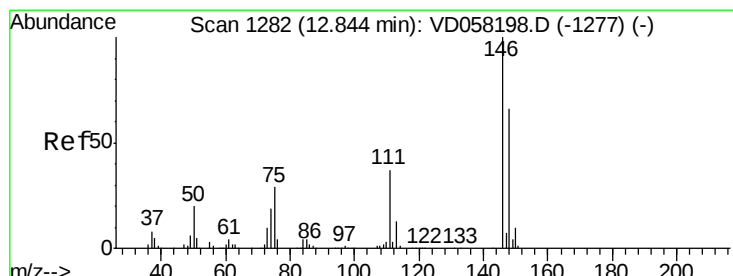
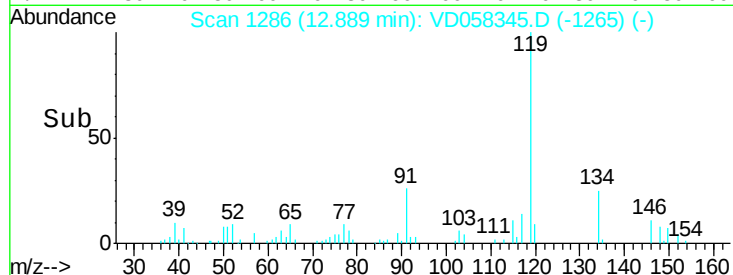
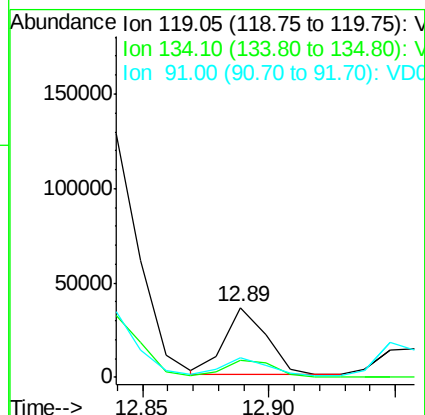
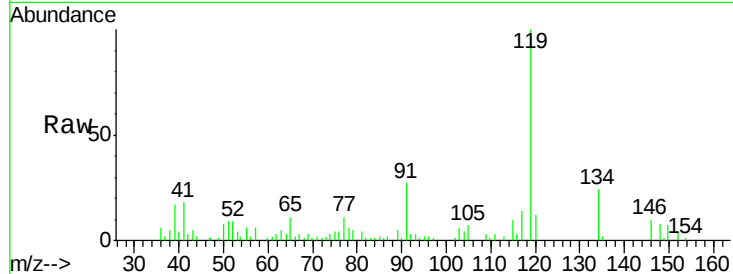
#86
 p-Isopropyltoluene
 Concen: 1.78 ug/l
 RT: 12.89 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: VD058345.D
 Acq: 23 Jun 2018 17:14

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-27-29-180619

Tot Ion	Ratio	Resp	Lower	Upper
119	100	41375		
134	24.4	11.6	34.8	
91	27.1	15.0	45.1	

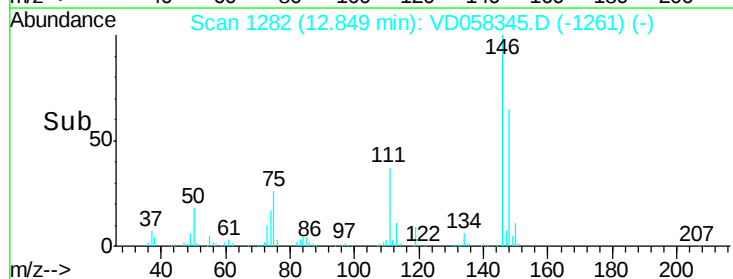
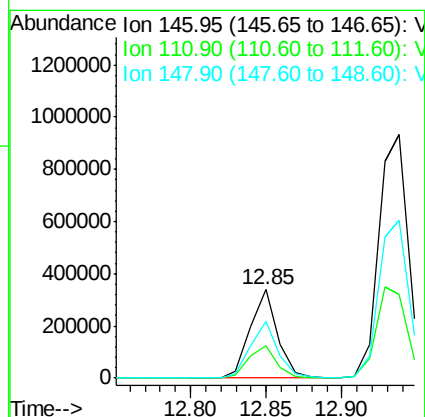
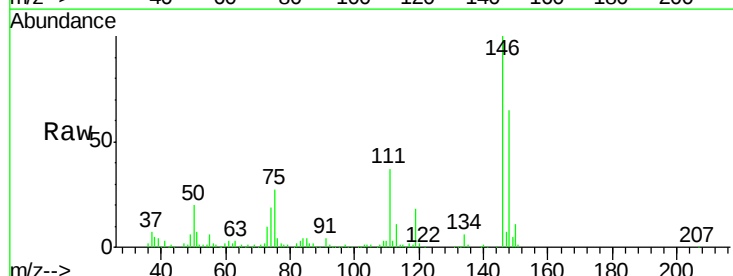
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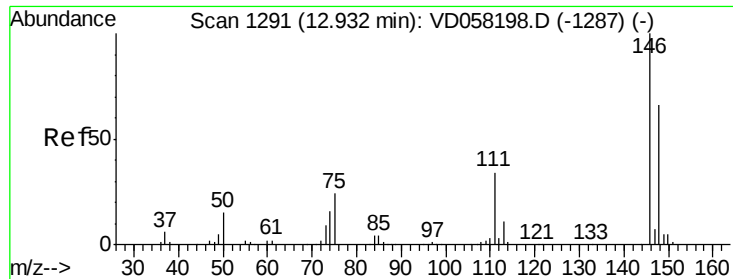
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#87
 1,3-Dichlorobenzene
 Concen: 30.09 ug/l
 RT: 12.85 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: VD058345.D
 Acq: 23 Jun 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	426912		
111	37.3	18.4	55.0	
148	64.8	32.8	98.4	





#88

1,4-Dichlorobenzene

Concen: 93.90 ug/l

RT: 12.94 min Scan# 1291

Delta R.T. 0.01 min

Lab File: VD058345.D

Acq: 23 Jun 2018 17:14

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-27-29-180619

Tot Ion:146 Resp: 1300806

Ion Ratio Lower Upper

146 100

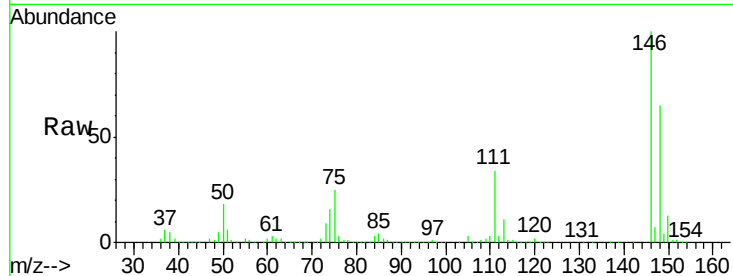
111 34.3 17.2 51.5

148 64.7 33.1 99.3

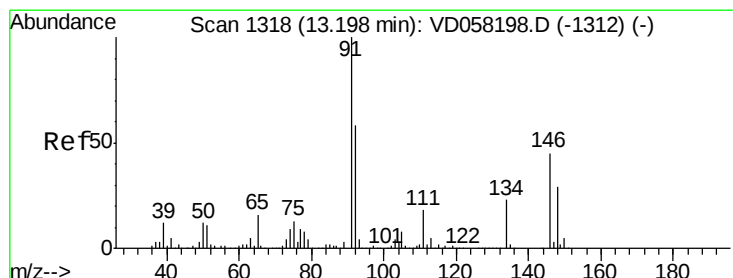
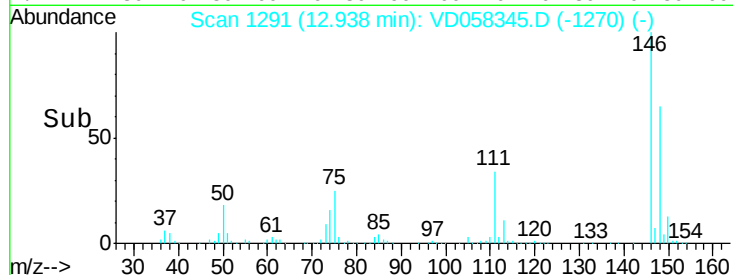
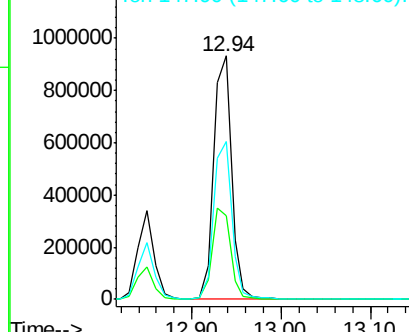
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Abundance Ion 145.95 (145.65 to 146.65): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#91

1,2-Dichlorobenzene

Concen: 420.36 ug/l

RT: 13.20 min Scan# 1318

Delta R.T. 0.01 min

Lab File: VD058345.D

Acq: 23 Jun 2018 17:14

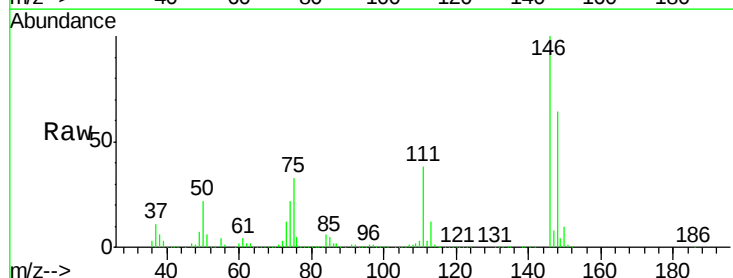
Tgt Ion:146 Resp: 5074518

Ion Ratio Lower Upper

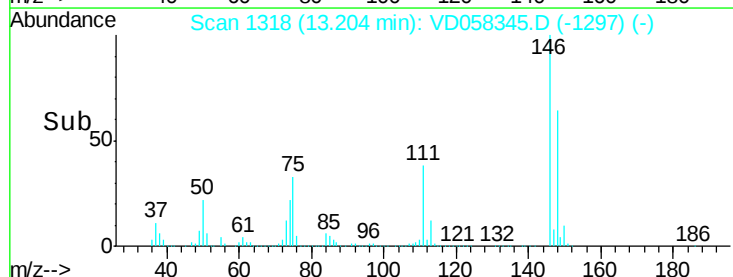
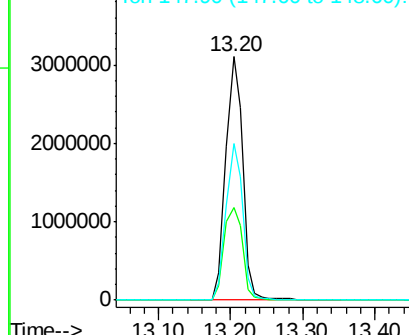
146 100

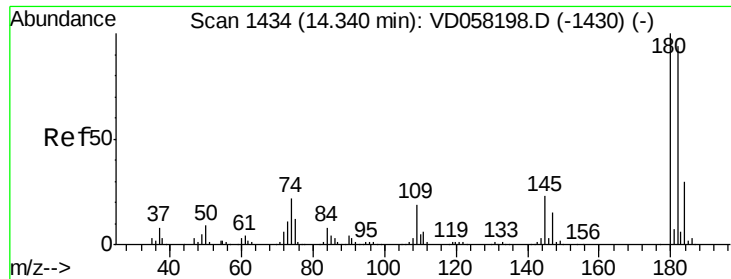
111 38.1 19.6 58.7

148 64.3 32.0 96.2



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





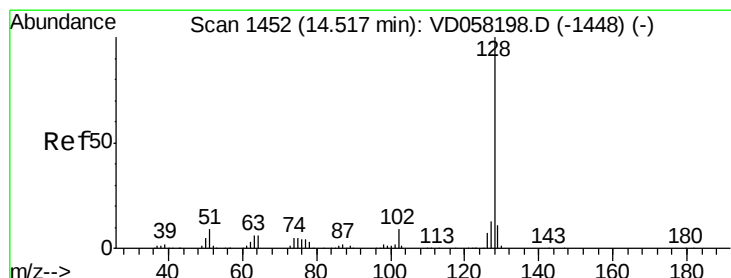
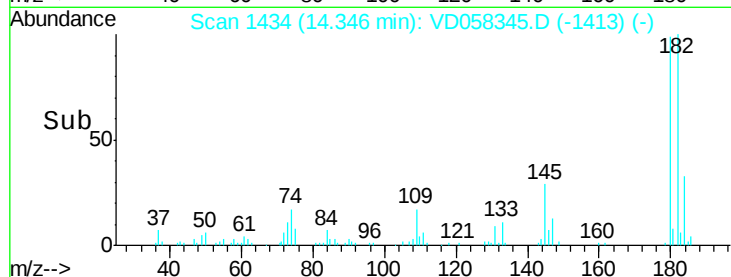
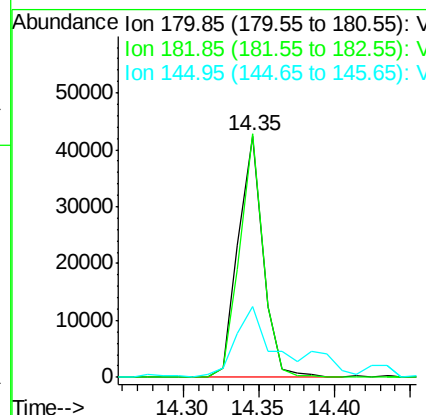
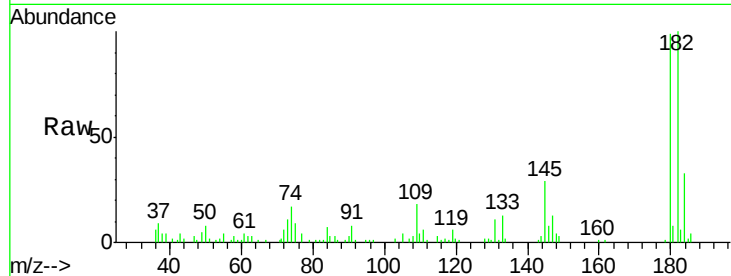
#93
 1,2,4-Trichlorobenzene
 Concen: 4.22 ug/l
 RT: 14.35 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VD058345.D
 Acq: 23 Jun 2018 17:14

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-27-29-180619

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.9	47.1	141.3
145	29.3	11.7	35.0

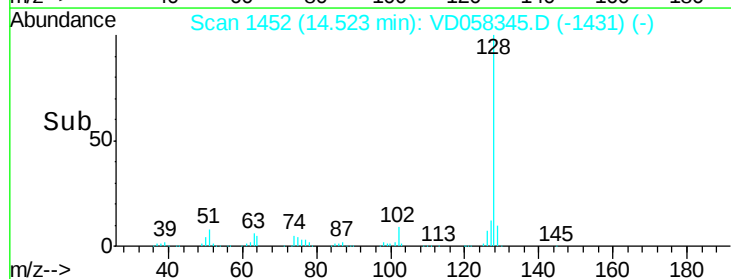
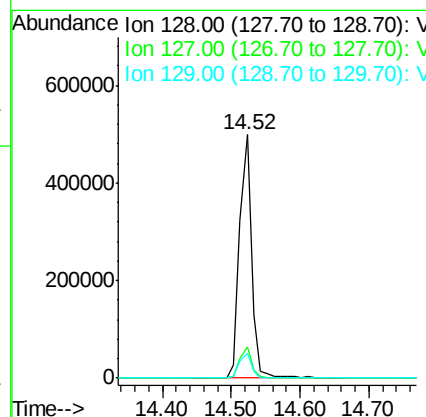
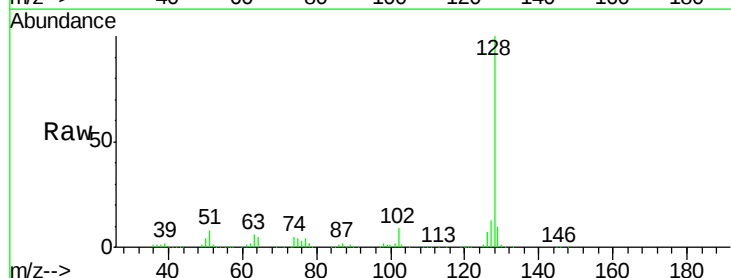
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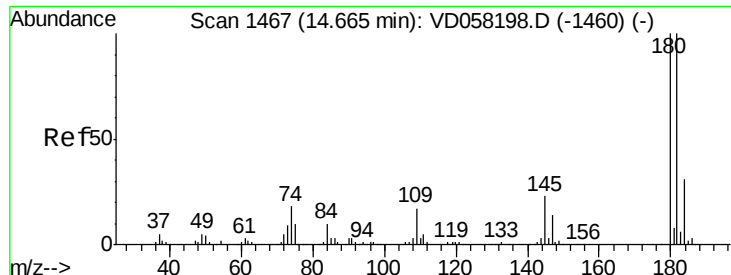
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#95
 Naphthalene
 Concen: 40.00 ug/l
 RT: 14.52 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: VD058345.D
 Acq: 23 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.0	15.0
129	10.3	8.7	13.1





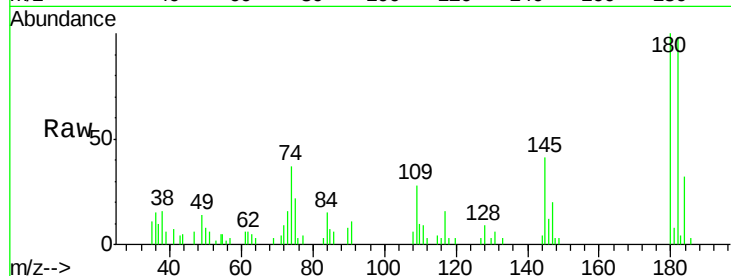
#96
 1,2,3-Trichlorobenzene
 Concen: 1.85 ug/l
 RT: 14.66 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VD058345.D
 Acq: 23 Jun 2018 17:14

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-27-29-180619

Tot Ion	Ratio	Resp	Lower	Upper
180	100	18735		
182	97.7		49.9	149.6
145	40.8		11.7	35.1

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Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

