

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
 Data File : VD058348.D
 Acq On : 23 Jun 2018 18:39
 Operator : VA/AP
 Sample : J3664-23
 Misc : 6.22g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-33-35-180619

Manual Integrations
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 6/25/2018 2:28:26 PM

Quant Time: Jun 25 08:21:42 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	909916	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	6.72	114	1292626	50.00	ug/l	0.03
63) Chlorobenzene-d5	10.71	117	833930	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.92	152	440028	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	9310	1.01	ug/l	0.04
Spiked Amount	50.000		Recovery	=	2.02%	
35) Dibromofluoromethane	5.58	113	8654	0.82	ug/l	0.04
Spiked Amount	50.000		Recovery	=	1.64%	
50) Toluene-d8	8.76	98	20026	0.79	ug/l	0.06
Spiked Amount	50.000		Recovery	=	1.58%	
62) 4-Bromofluorobenzene	11.94	95	10097m	0.97	ug/l	0.02
Spiked Amount	50.000		Recovery	=	1.94%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.57	62	262216	55.01	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.58	101	257312	61.93	ug/l	97
12) 1,1-Dichloroethene	2.56	96	3968877	1269.60	ug/l	88
16) Acetone	2.63	43	91025	72.42	ug/l #	82
20) Methylene Chloride	3.09	84	5094801	1710.97	ug/l	94
22) Diisopropyl ether	4.11	45	36426	1.26	ug/l #	83
24) 1,1-Dichloroethane	4.00	63	184341	11.84	ug/l	99
25) 2-Butanone	4.90	43	147034	53.67	ug/l #	83
27) cis-1,2-Dichloroethene	4.84	96	5220217	611.44	ug/l	95
28) Bromochloromethane	5.20	49	29531	4.23	ug/l	100
30) Chloroform	5.35	83	1157497	70.43	ug/l	93
38) Carbon Tetrachloride	5.77	117	164816	12.97	ug/l	99
40) Benzene	6.07	78	328701	10.79	ug/l	97
42) 1,2-Dichloroethane	6.17	62	305210	24.85	ug/l	98
44) Trichloroethene	7.30	130	65592592m	7171.09	ug/l	
51) 4-Methyl-2-Pentanone	8.65	43	2065949	326.07	ug/l	97
52) Toluene	8.88	92	13207177	761.45	ug/l	97
55) 1,1,2-Trichloroethane	9.48	97	287670	46.88	ug/l	94
64) Tetrachloroethene	9.55	164	239815	34.18	ug/l	99
65) Chlorobenzene	10.74	112	102543	6.57	ug/l	99
67) Ethyl Benzene	10.88	91	287853	10.45	ug/l	99
68) m/p-Xylenes	11.03	106	399146	43.46	ug/l	97
69) o-Xylene	11.42	106	211629	24.13	ug/l	92
70) Styrene	11.45	104	1046254	69.90	ug/l	97
73) Isopropylbenzene	11.79	105	63740	2.42	ug/l	99
78) n-propylbenzene	12.17	91	158595	4.67	ug/l	96
80) 1,3,5-Trimethylbenzene	12.33	105	467611	22.78	ug/l	94
83) tert-Butylbenzene	12.58	119	25195	1.07	ug/l	83
84) 1,2,4-Trimethylbenzene	12.64	105	1115540	49.99	ug/l	98
85) sec-Butylbenzene	12.77	105	95968	3.47	ug/l	91
86) p-Isopropyltoluene	12.90	119	73653	3.29	ug/l	98
87) 1,3-Dichlorobenzene	12.86	146	450233	32.87	ug/l	98
88) 1,4-Dichlorobenzene	12.94	146	1562091	116.77	ug/l	95
91) 1,2-Dichlorobenzene	13.21	146	5666490	486.07	ug/l	98

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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)
93) 1,2,4-Trichlorobenzene	14.35	180	40975	3.68	ug/l	97
95) Naphthalene	14.52	128	563964	38.40	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	14937	1.53	ug/l	91

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

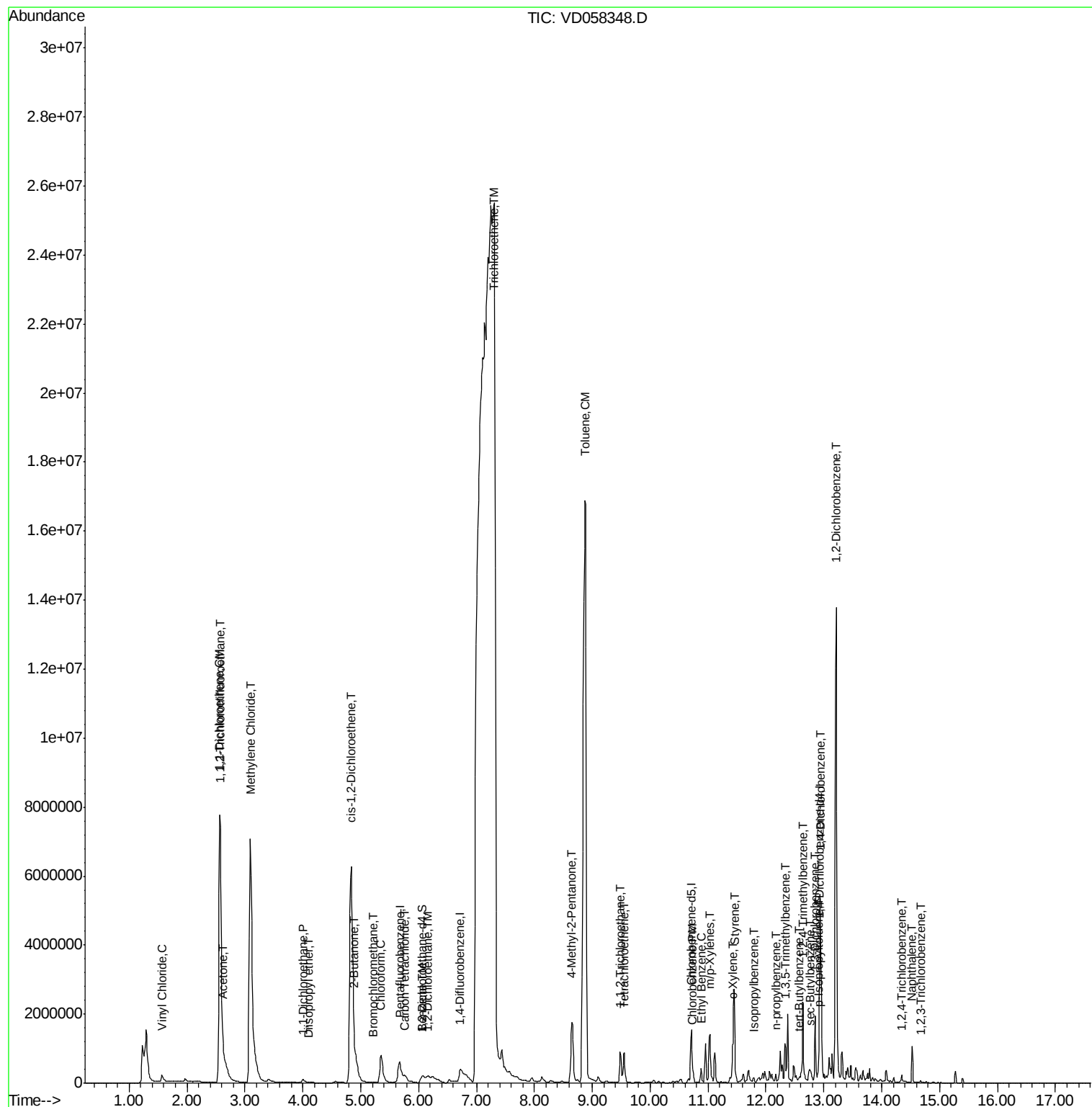
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
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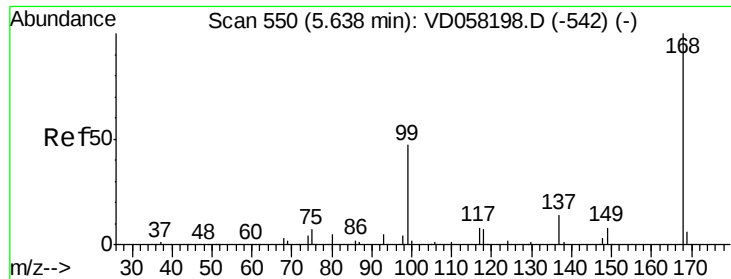
Instrument :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 553

Delta R.T. 0.04 min

Lab File: VD058348.D

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Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-33-35-180619

Tot Ion:168 Resp: 909916

Ion Ratio Lower Upper

168 100

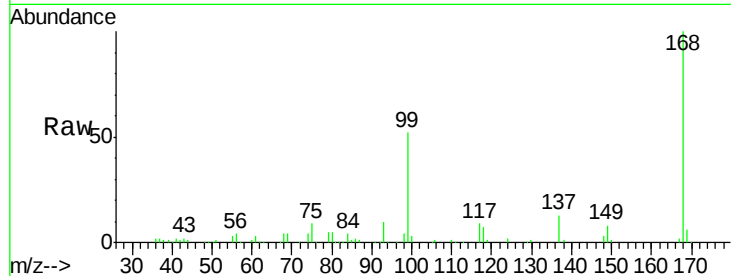
99 52.2 41.1 61.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

250000

200000

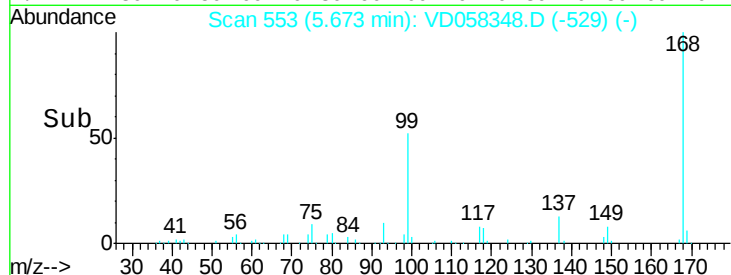
150000

100000

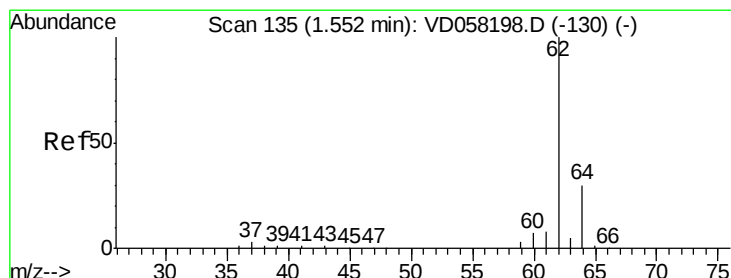
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0

Time-->



Time-->



#4

Vinyl Chloride

Concen: 55.01 ug/l

RT: 1.57 min Scan# 136

Delta R.T. 0.02 min

Lab File: VD058348.D

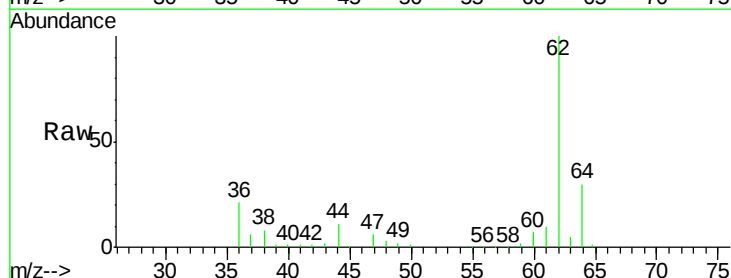
Acq: 23 Jun 2018 18:39

Tgt Ion: 62 Resp: 262216

Ion Ratio Lower Upper

62 100

64 30.0 24.4 36.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

120000

100000

80000

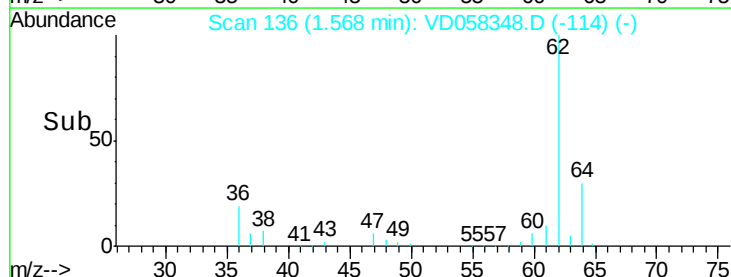
60000

40000

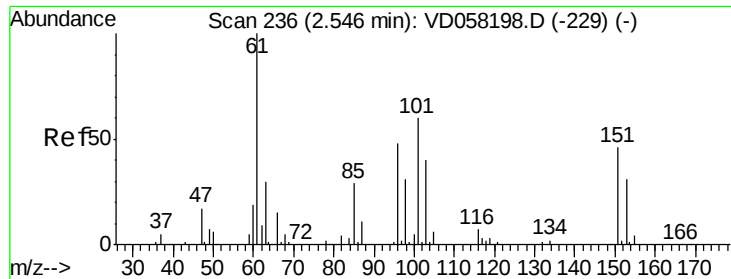
20000

0

Time-->



Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 61.93 ug/l

RT: 2.58 min Scan# 239

Delta R.T. 0.04 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

Instrument :

MSVOA_D

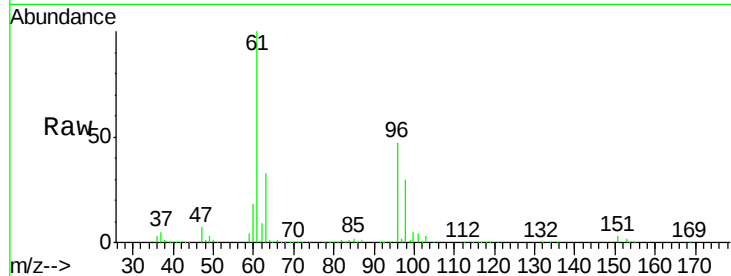
ClientSampleId :

WP021SB471-33-35-180619

Tot Ion:	101	Resp:	257312
Ion Ratio	Lower	Upper	
101	100		
85	50.5	39.0	58.4
151	80.3	61.8	92.8

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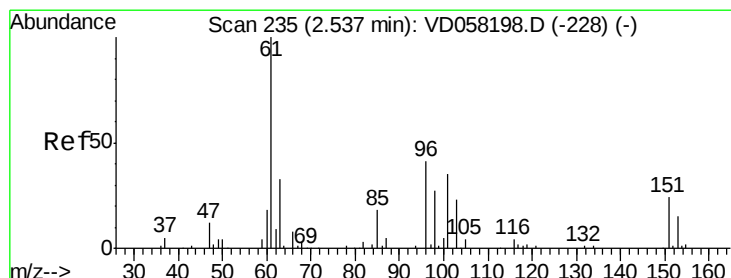
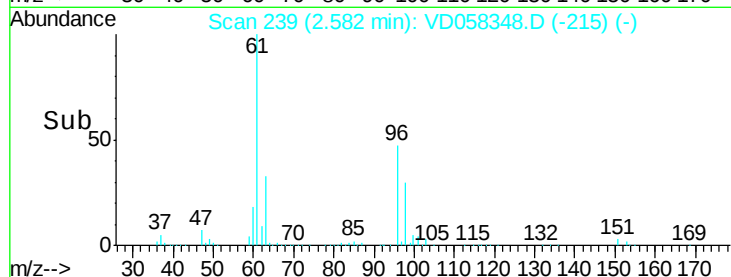
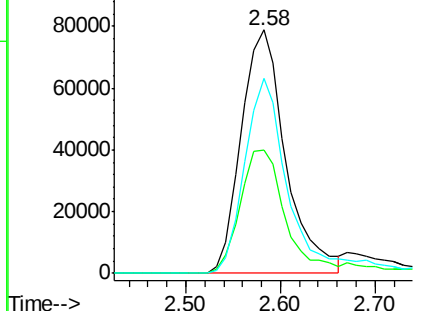
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Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): VDC

Ion 150.90 (150.60 to 151.60): V



#12

1,1-Dichloroethene

Concen: 1269.60 ug/l

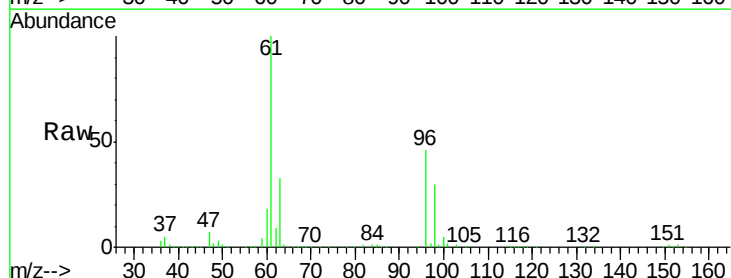
RT: 2.56 min Scan# 237

Delta R.T. 0.03 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

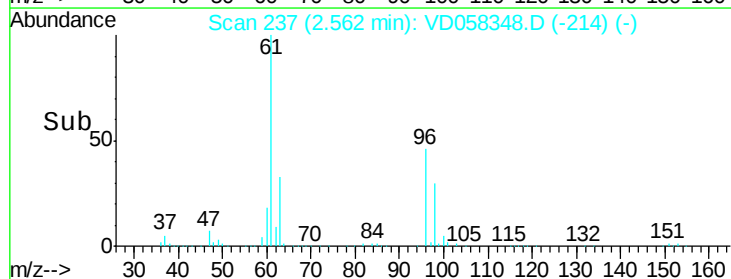
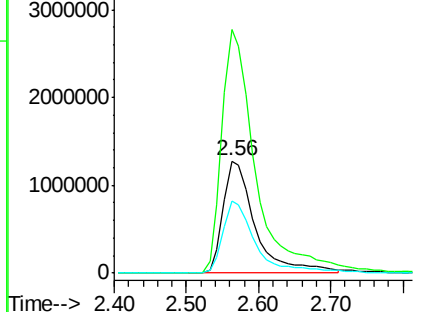
Tgt Ion:	96	Resp:	3968877
Ion Ratio	Lower	Upper	
96	100		
61	217.2	193.9	290.9
98	64.2	51.7	77.5

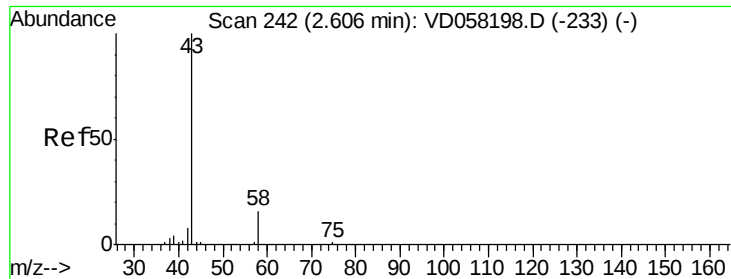


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#16

Acetone

Concen: 72.42 ug/l

RT: 2.63 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-33-35-180619

Tot Ion: 43 Resp: 91025

Ion Ratio Lower Upper

43 100

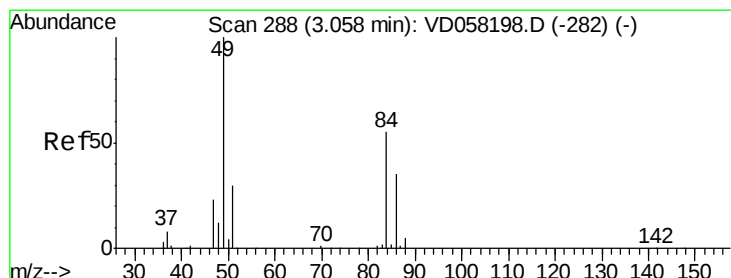
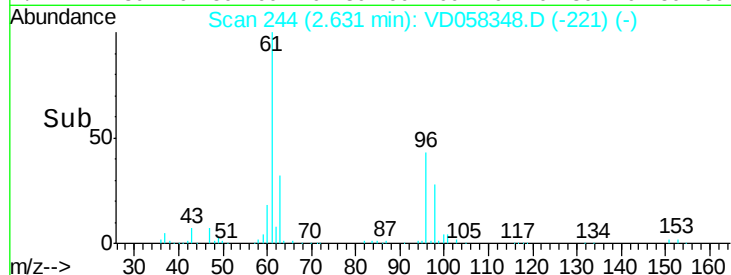
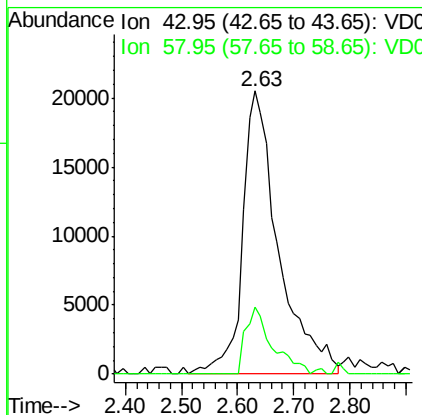
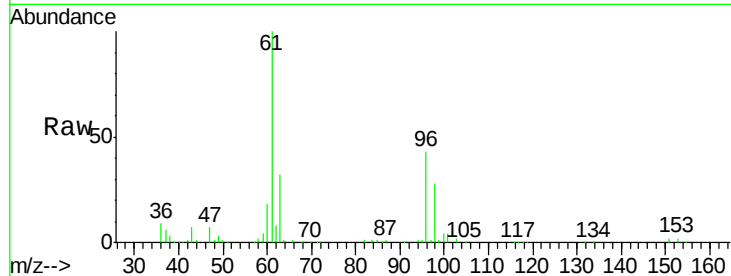
58 23.6 12.7 19.1#

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#20

Methylene Chloride

Concen: 1710.97 ug/l

RT: 3.09 min Scan# 291

Delta R.T. 0.04 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

Tgt Ion: 84 Resp: 5094801

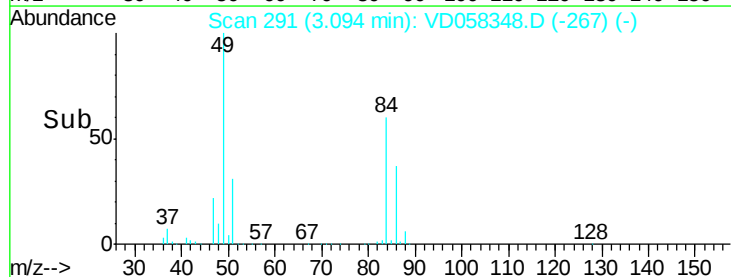
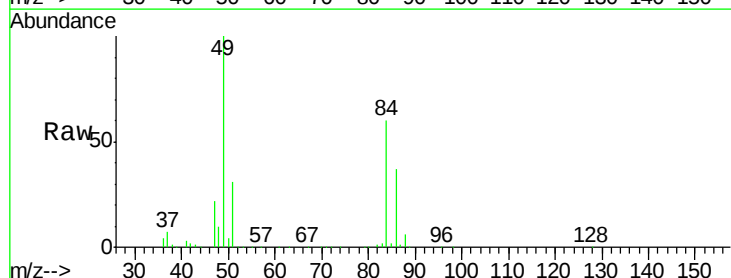
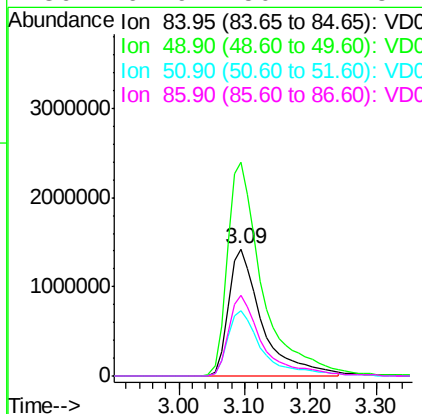
Ion Ratio Lower Upper

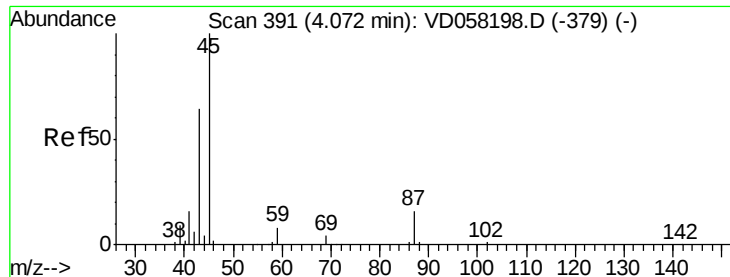
84 100

49 167.9 145.0 217.6

51 51.4 42.9 64.3

86 62.9 50.1 75.1





#22

Diisopropyl ether

Concen: 1.26 ug/l

RT: 4.11 min Scan# 394

Delta R.T. 0.04 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

Instrument :

MSVOA_D

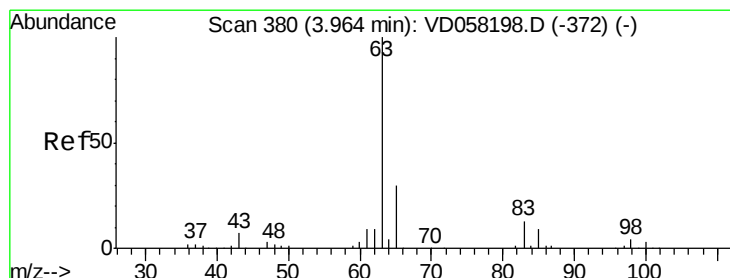
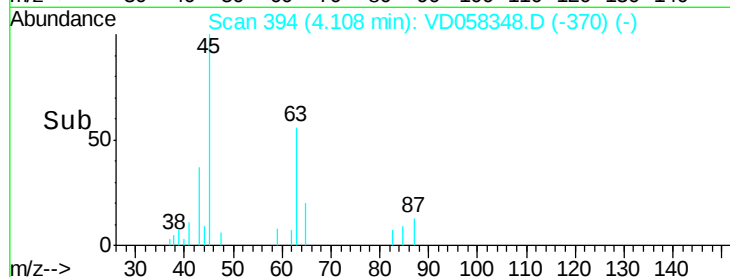
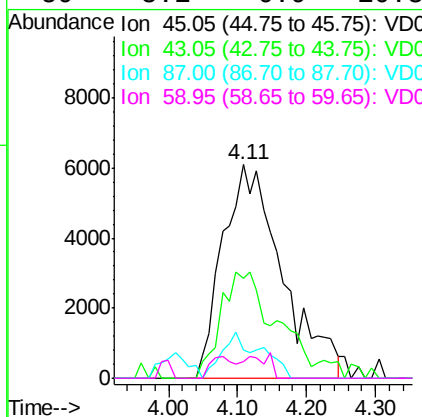
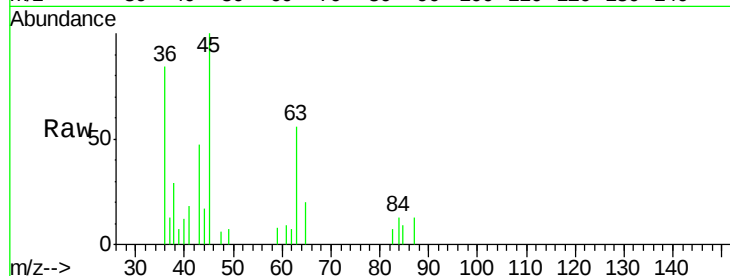
ClientSampleId :

WP021SB471-33-35-180619

Tot Ion:	45	Resp:	36426
Ion Ratio	Lower	Upper	
45	100		
43	46.8	51.4	77.0#
87	13.5	13.0	19.4
59	8.1	6.9	10.3

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#24

1,1-Dichloroethane

Concen: 11.84 ug/l

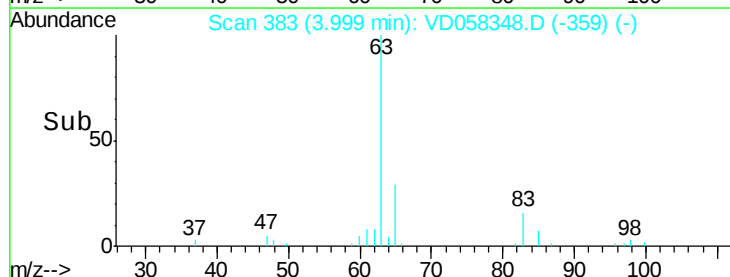
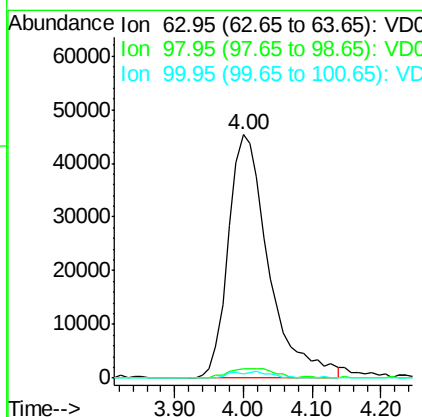
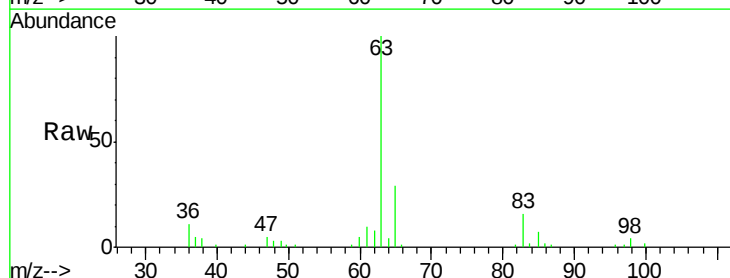
RT: 4.00 min Scan# 383

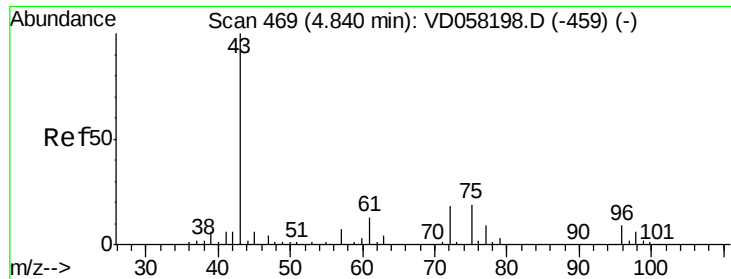
Delta R.T. 0.04 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

Tgt Ion:	63	Resp:	184341
Ion Ratio	Lower	Upper	
63	100		
98	3.7	1.9	5.7
100	2.0	1.3	3.9





#25

2-Butanone

Concen: 53.67 ug/l

RT: 4.90 min Scan# 474

Delta R.T. 0.06 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-33-35-180619

Tot Ion: 43 Resp: 147034

Ion Ratio Lower Upper

43 100

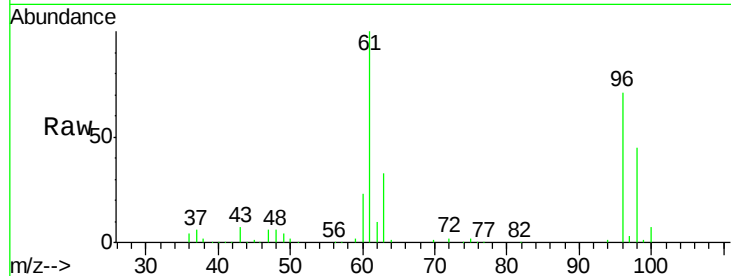
72 24.9 14.1 21.1#

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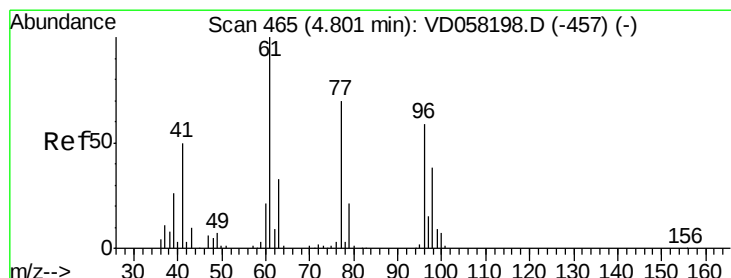
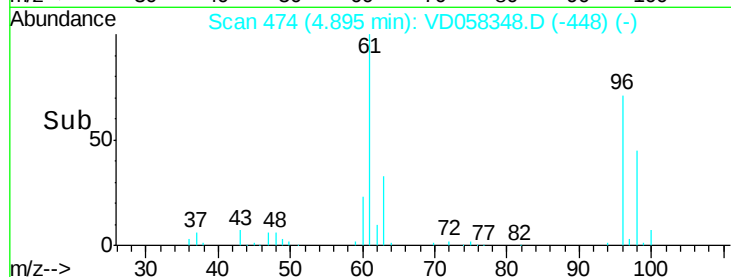
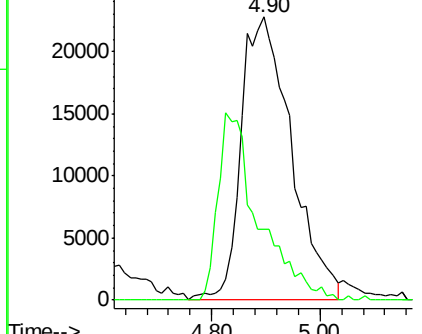
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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#27

cis-1,2-Dichloroethene

Concen: 611.44 ug/l

RT: 4.84 min Scan# 468

Delta R.T. 0.04 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

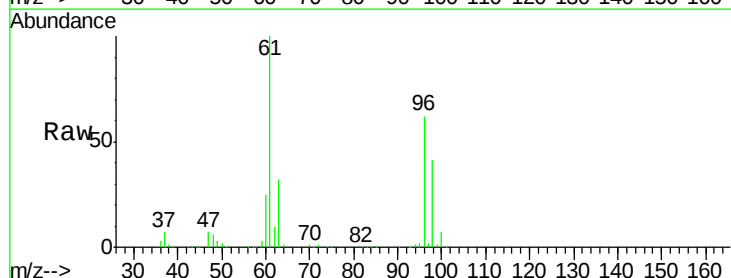
Tgt Ion: 96 Resp: 5220217

Ion Ratio Lower Upper

96 100

61 160.0 0.0 338.6

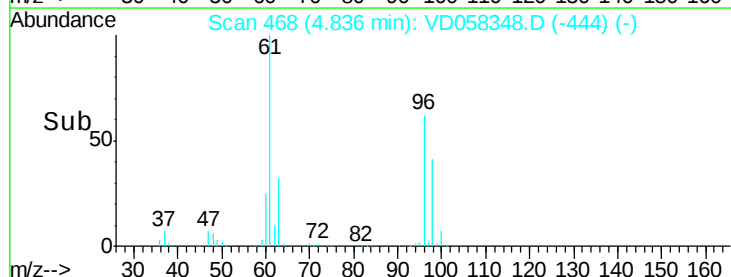
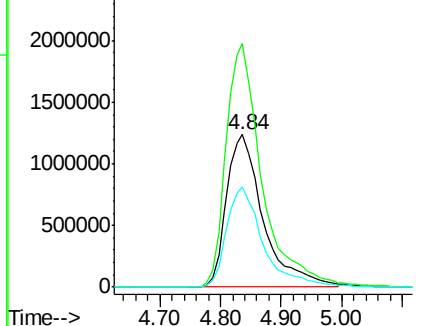
98 66.0 0.0 130.2

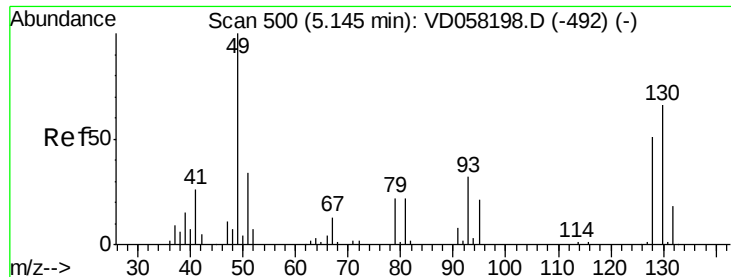


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#28

Bromochloromethane

Concen: 4.23 ug/l

RT: 5.20 min Scan# 505

Delta R.T. 0.06 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-33-35-180619

Tot Ion: 49 Resp: 29531

Ion Ratio Lower Upper

49 100

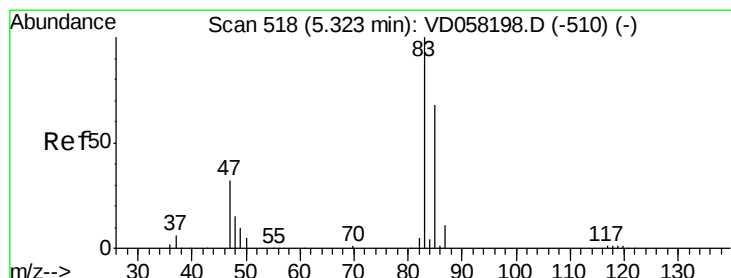
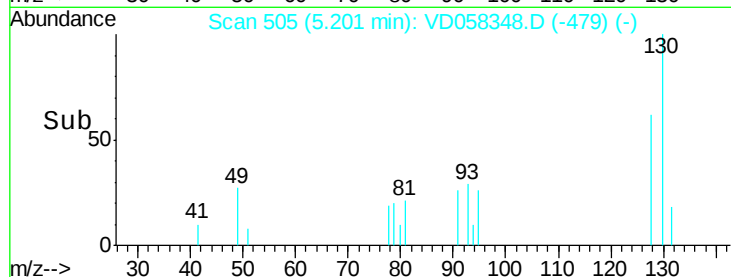
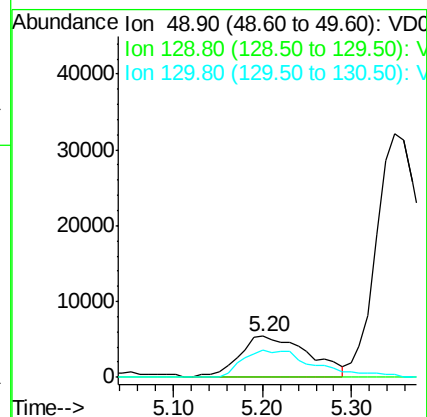
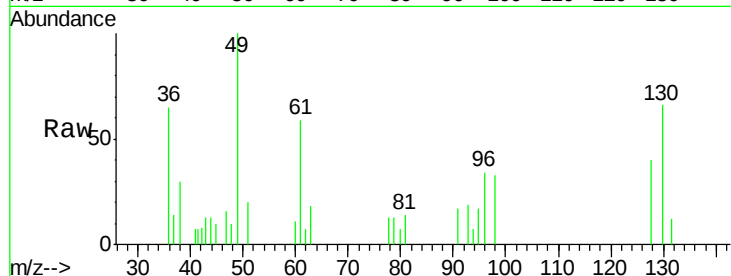
129 0.0 0.0 0.0

130 65.7 52.6 79.0

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#30

Chloroform

Concen: 70.43 ug/l

RT: 5.35 min Scan# 520

Delta R.T. 0.03 min

Lab File: VD058348.D

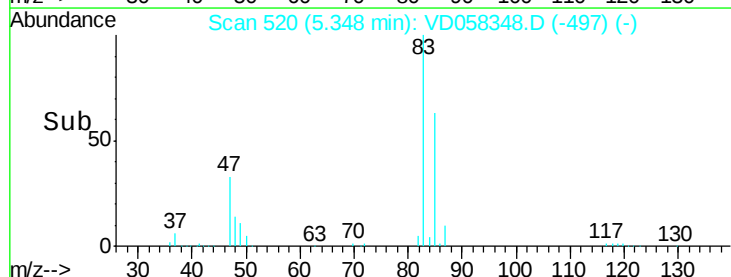
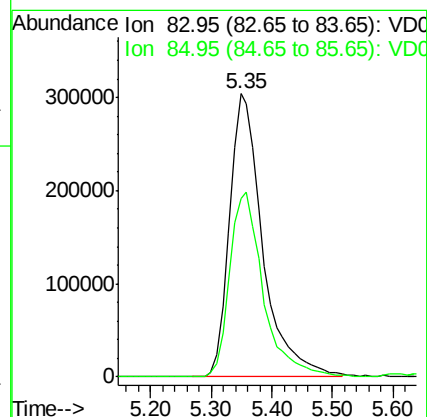
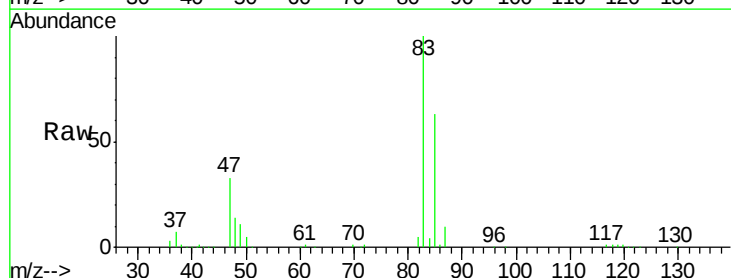
Acq: 23 Jun 2018 18:39

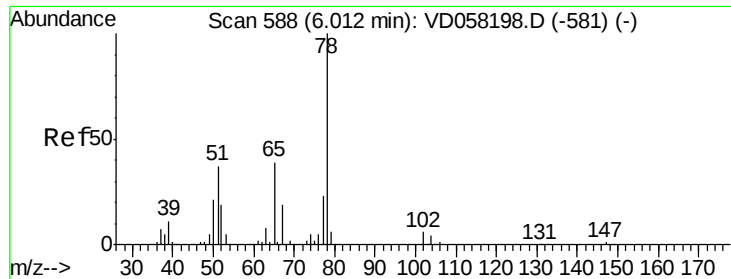
Tgt Ion: 83 Resp: 1157497

Ion Ratio Lower Upper

83 100

85 63.0 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: VD058348.D

Acq: 23 Jun 2018 18:39

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-33-35-180619

Tot Ion: 65 Resp: 9310

Ion Ratio Lower Upper

65 100

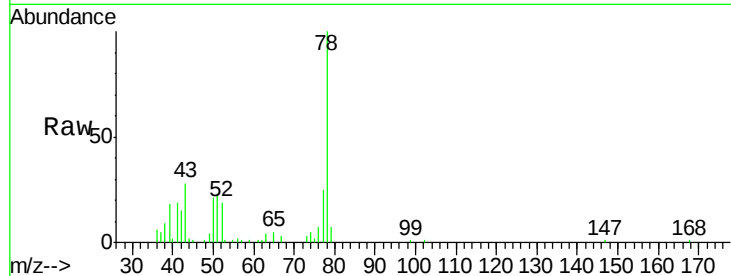
67 57.4 0.0 97.8

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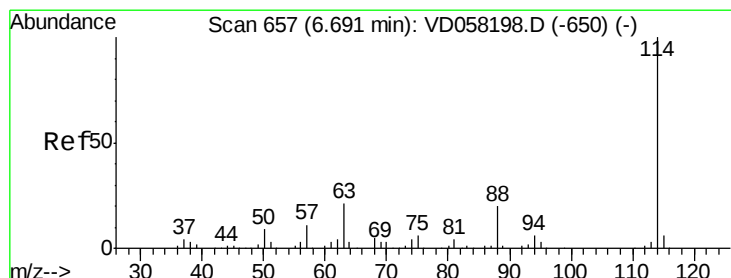
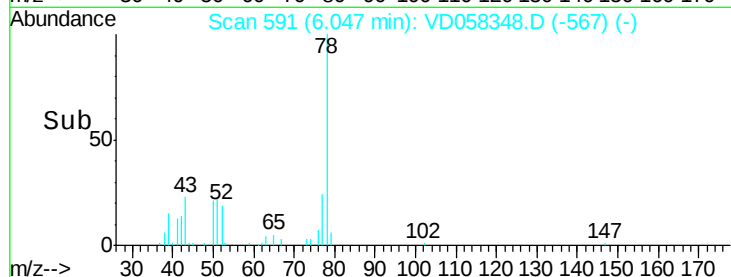
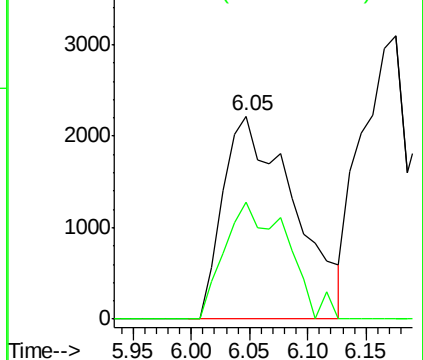
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Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.72 min Scan# 659

Delta R.T. 0.03 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

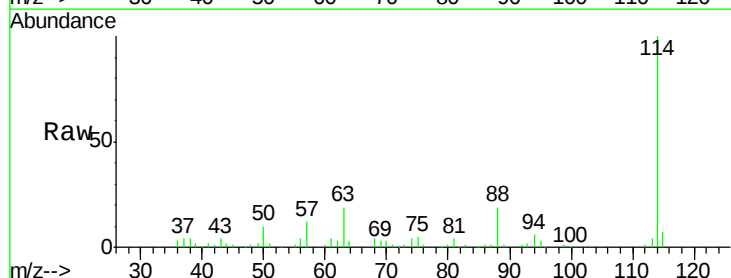
Tgt Ion: 114 Resp: 1292626

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

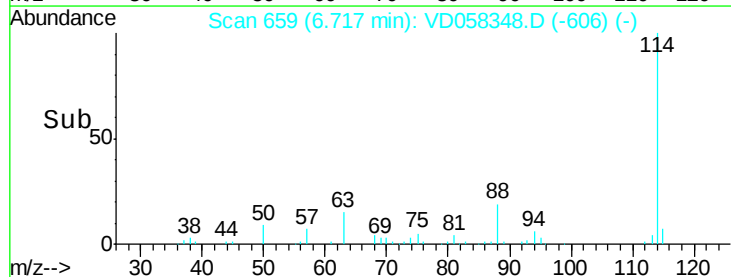
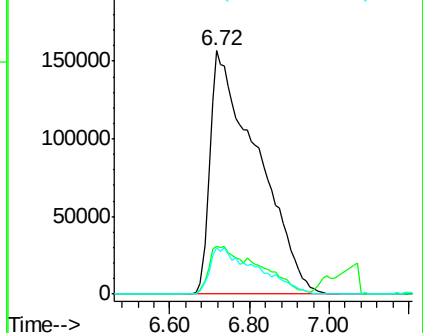
88 18.9 0.0 40.6

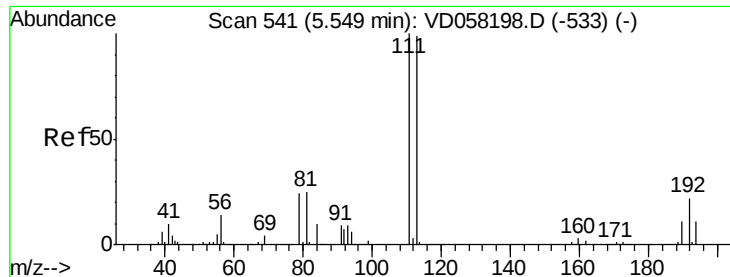


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.58 min Scan# 544

Delta R.T. 0.04 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

Instrument :

MSVOA_D

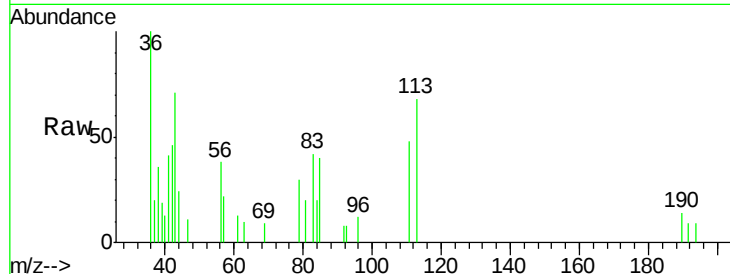
ClientSampleId :

WP021SB471-33-35-180619

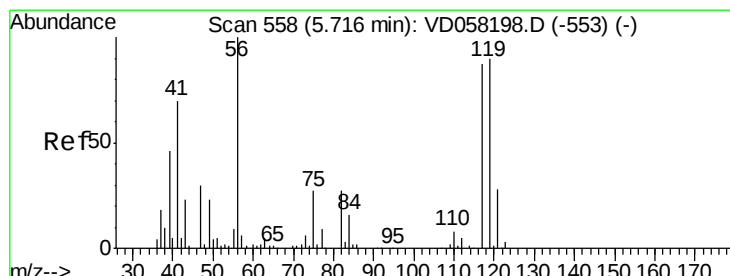
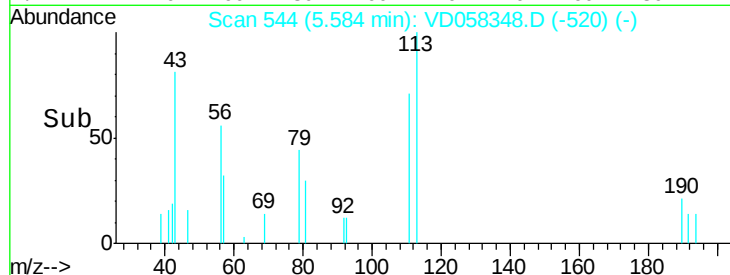
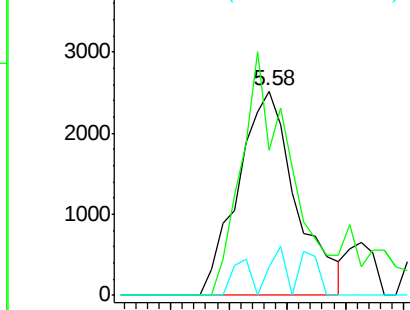
Tot Ion:	113	Resp:	8654
Ion Ratio	Lower	Upper	
113	100		
111	71.1	80.6	121.0#
192	13.8	17.8	26.6#

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Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



#38

Carbon Tetrachloride

Concen: 12.97 ug/l

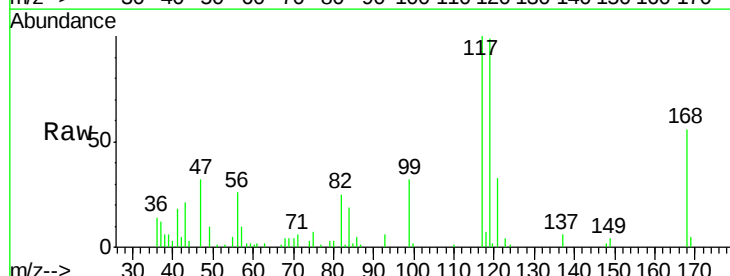
RT: 5.77 min Scan# 563

Delta R.T. 0.06 min

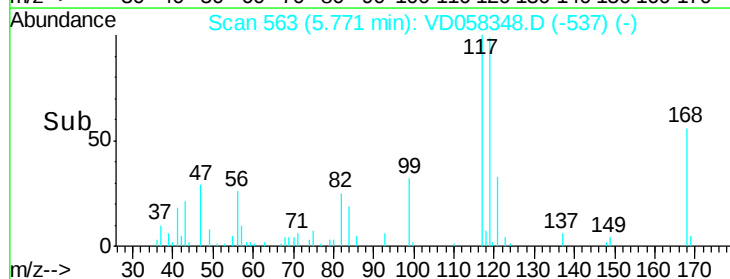
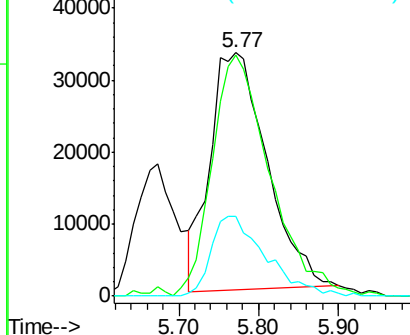
Lab File: VD058348.D

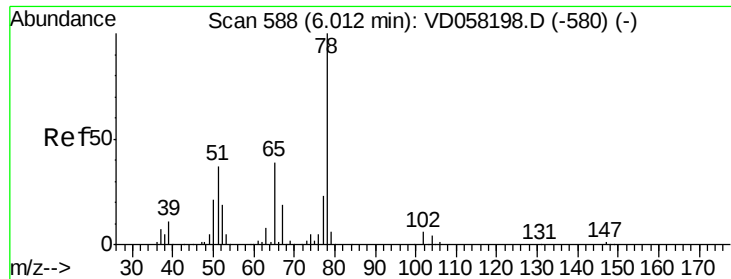
Acq: 23 Jun 2018 18:39

Tgt Ion:	117	Resp:	164816
Ion Ratio	Lower	Upper	
117	100		
119	98.8	78.8	118.2
121	32.9	25.0	37.6



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





#40

Benzene

Concen: 10.79 ug/l

RT: 6.07 min Scan# 593

Delta R.T. 0.06 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-33-35-180619

Tot Ion: 78 Resp: 328701

Ion Ratio Lower Upper

78 100

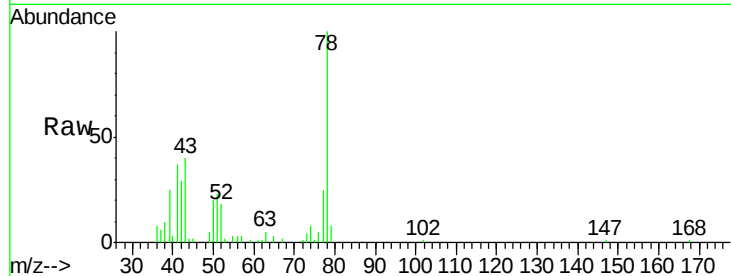
77 24.5 18.5 27.7

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Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

6.07

50000

40000

30000

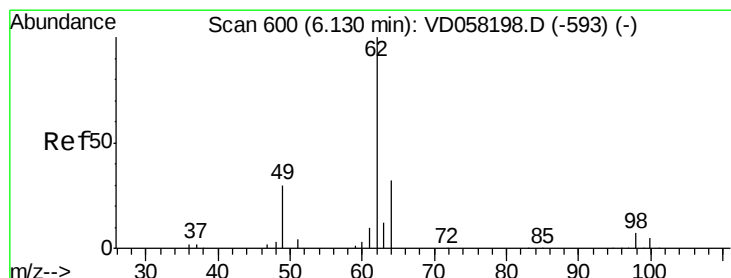
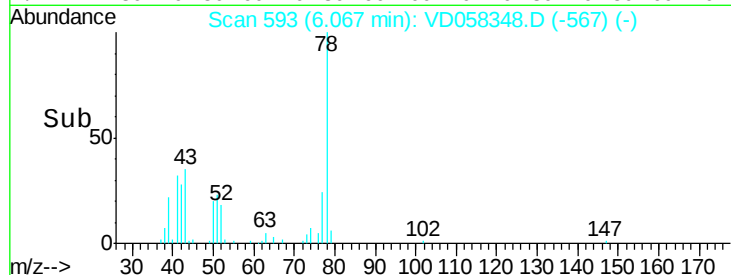
20000

10000

0

5.90 6.00 6.10 6.20

Time-->



#42

1,2-Dichloroethane

Concen: 24.85 ug/l

RT: 6.17 min Scan# 603

Delta R.T. 0.04 min

Lab File: VD058348.D

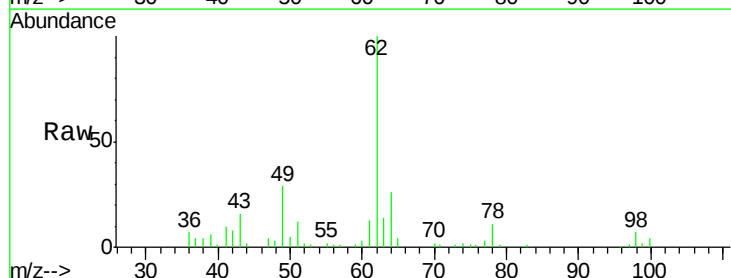
Acq: 23 Jun 2018 18:39

Tgt Ion: 62 Resp: 305210

Ion Ratio Lower Upper

62 100

98 7.3 0.0 13.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC

6.17

80000

60000

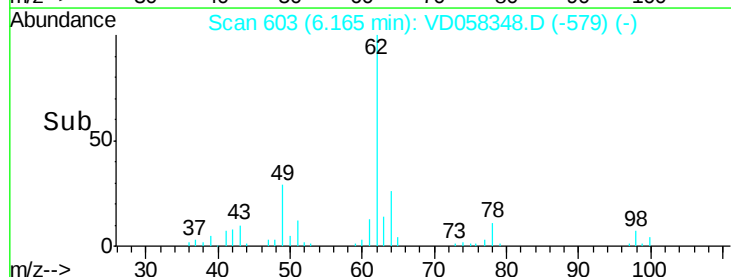
40000

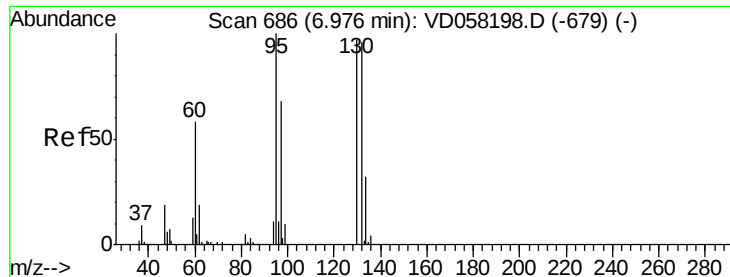
20000

0

6.00 6.10 6.20 6.30 6.40

Time-->





#44

Trichloroethene

Concen: 7171.09 ug/l m

RT: 7.30 min Scan# 718

Delta R.T. 0.32 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-33-35-180619

Tot Ion:130 Resp:65592592

Ion Ratio Lower Upper

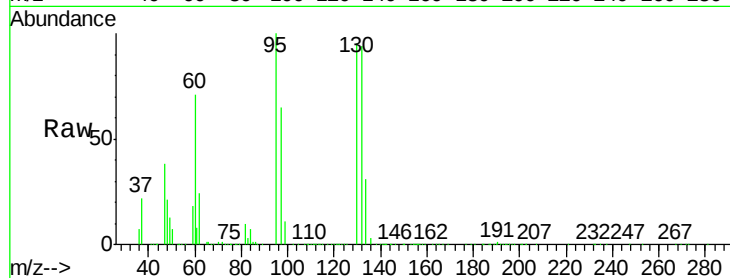
130 100

95 105.0 0.0 205.6

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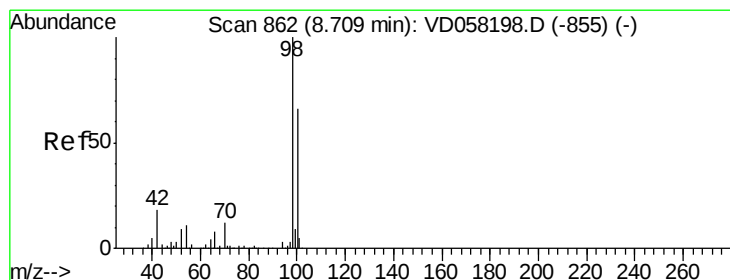
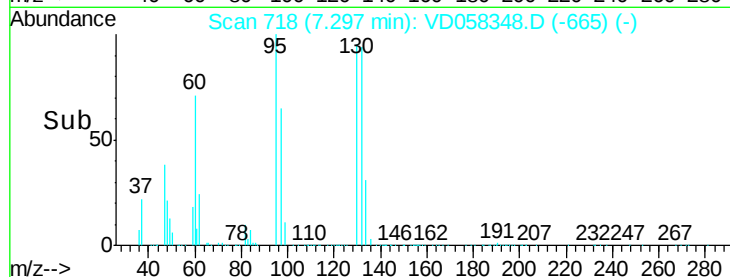
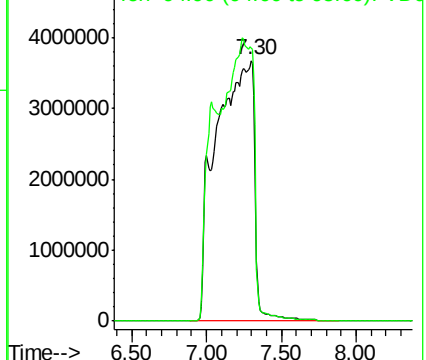
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.76 min Scan# 867

Delta R.T. 0.06 min

Lab File: VD058348.D

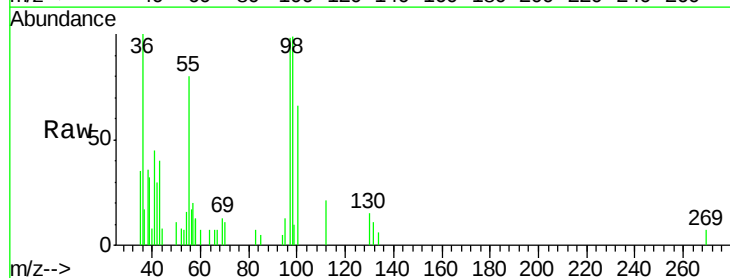
Acq: 23 Jun 2018 18:39

Tgt Ion: 98 Resp: 20026

Ion Ratio Lower Upper

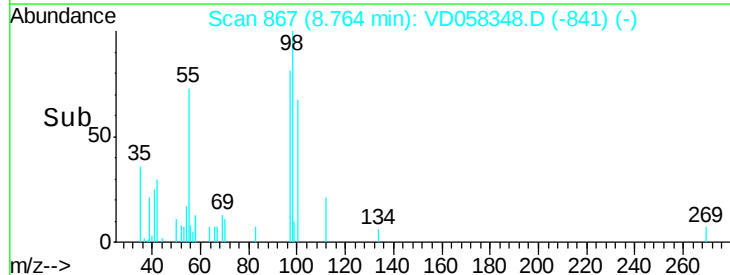
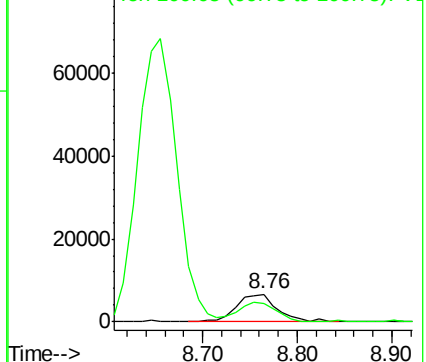
98 100

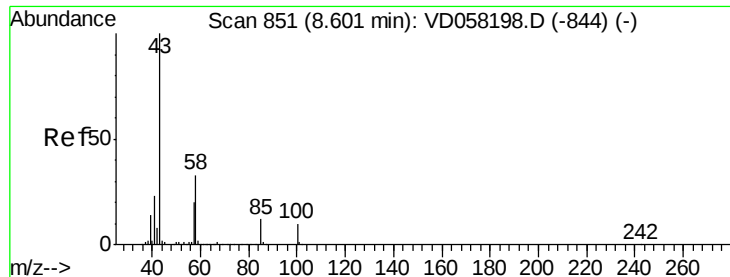
100 66.9 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 326.07 ug/l

RT: 8.65 min Scan# 855

Delta R.T. 0.05 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-33-35-180619

Tot Ion: 43 Resp: 2065949

Ion Ratio Lower Upper

43 100

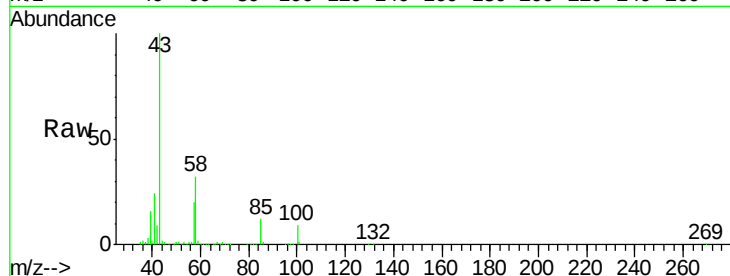
58 31.7 26.7 40.1

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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8.65

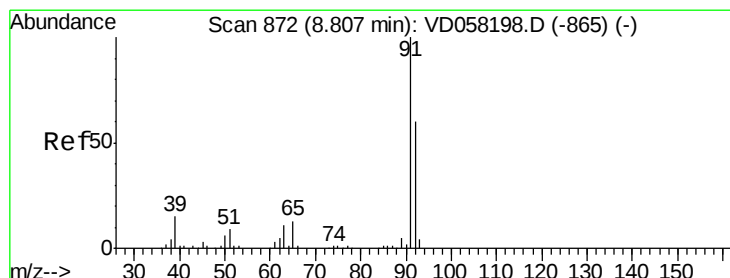
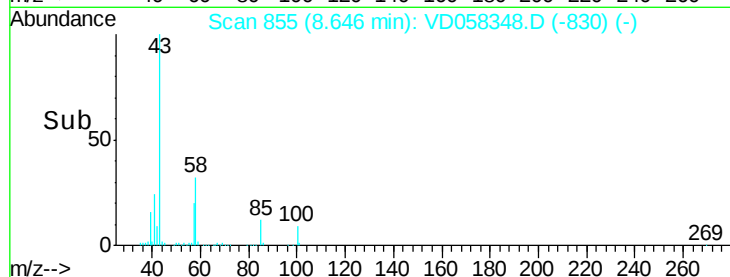
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 761.45 ug/l

RT: 8.88 min Scan# 879

Delta R.T. 0.07 min

Lab File: VD058348.D

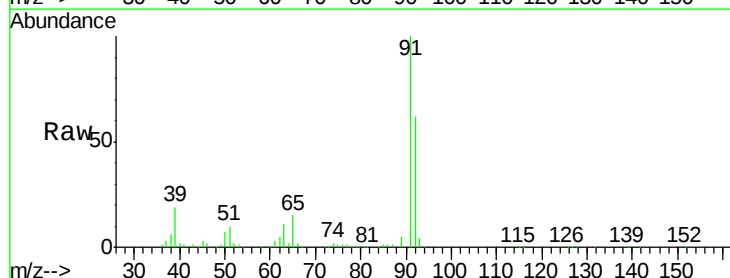
Acq: 23 Jun 2018 18:39

Tgt Ion: 92 Resp: 13207177

Ion Ratio Lower Upper

92 100

91 161.8 133.2 199.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

8.88

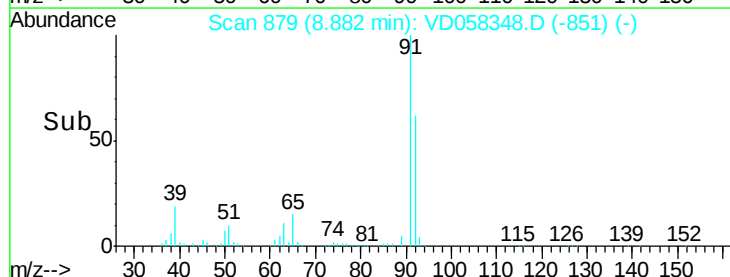
6000000

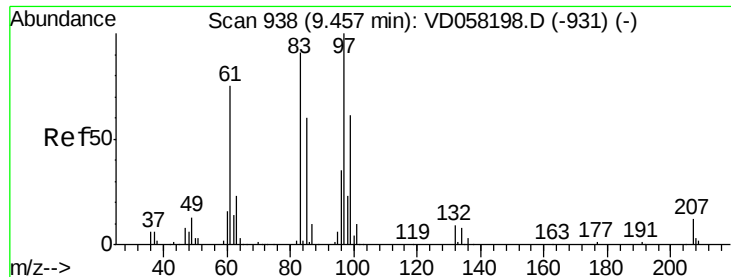
4000000

2000000

0

Time-->





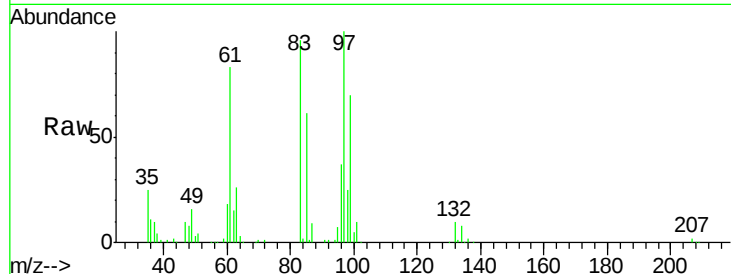
#55
 1,1,2-Trichloroethane
 Concen: 46.88 ug/l
 RT: 9.48 min Scan# 940
 Delta R.T. 0.03 min
 Lab File: VD058348.D
 Acq: 23 Jun 2018 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-33-35-180619

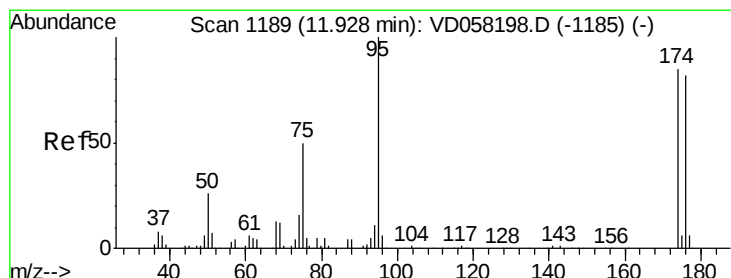
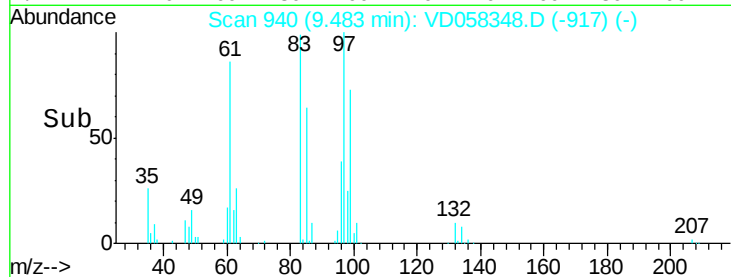
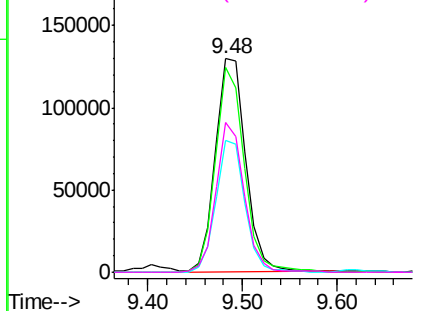
Tot Ion:	97	Resp:	287670
Ion	Ratio	Lower	Upper
97	100		
83	95.8	72.9	109.3
85	61.5	48.2	72.4
99	70.2	48.9	73.3

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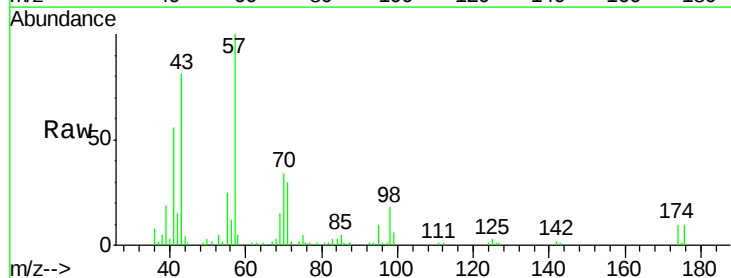


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

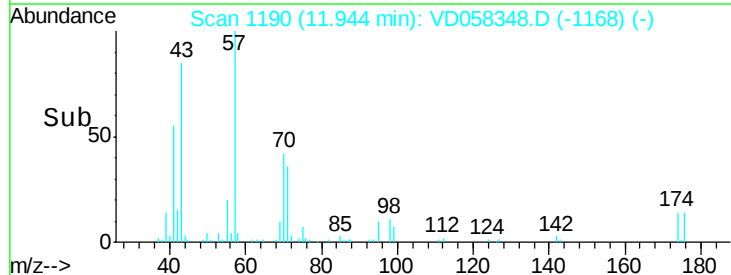
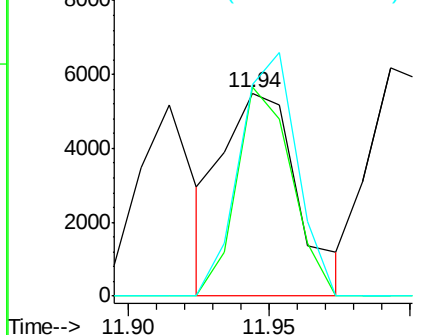


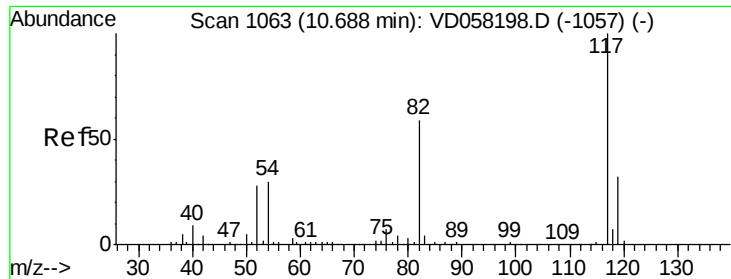
#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l m
 RT: 11.94 min Scan# 1190
 Delta R.T. 0.02 min
 Lab File: VD058348.D
 Acq: 23 Jun 2018 18:39

Tgt Ion:	95	Resp:	10097
Ion	Ratio	Lower	Upper
95	100		
174	103.3	0.0	170.2
176	104.1	0.0	164.6



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





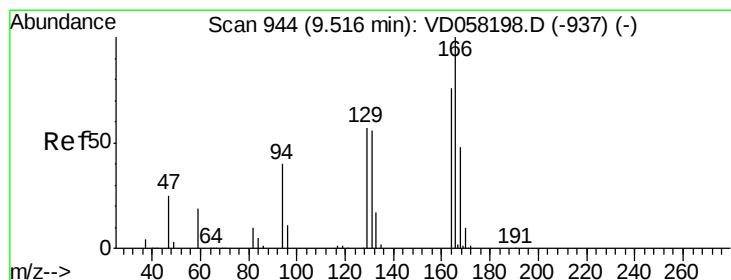
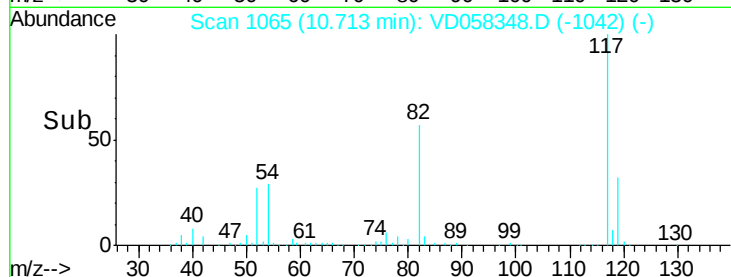
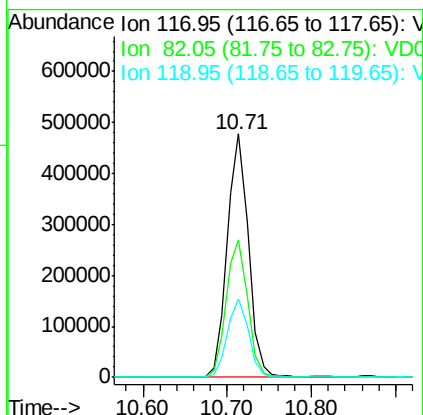
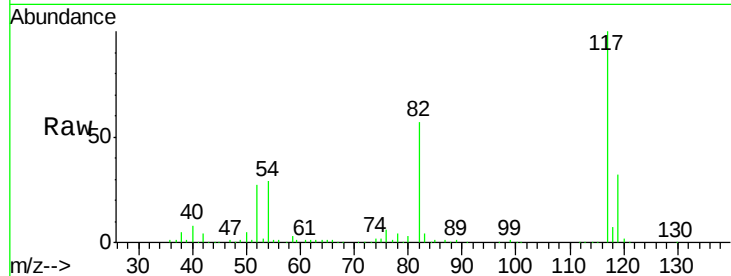
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.71 min Scan# 1065
Delta R.T. 0.03 min
Lab File: VD058348.D
Acq: 23 Jun 2018 18:39

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-33-35-180619

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	47.0	70.6
119	32.2	25.3	37.9

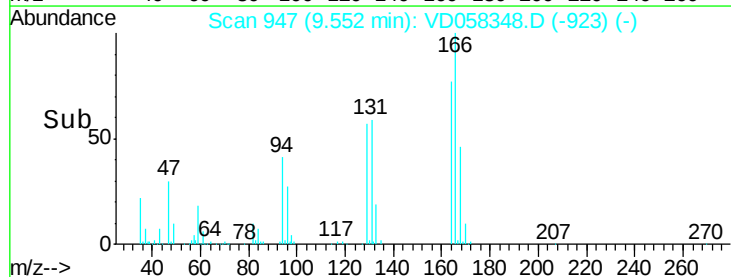
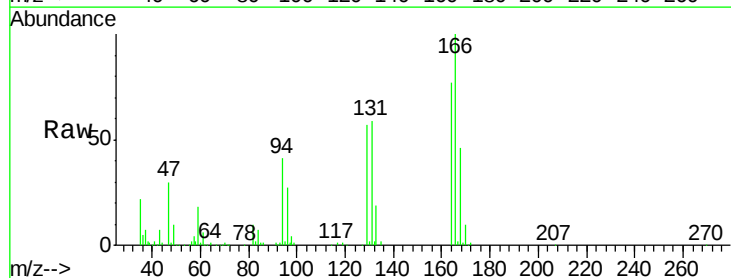
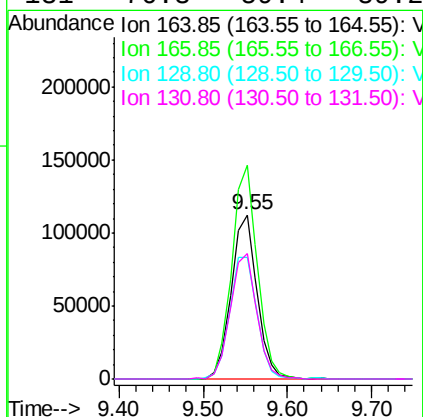
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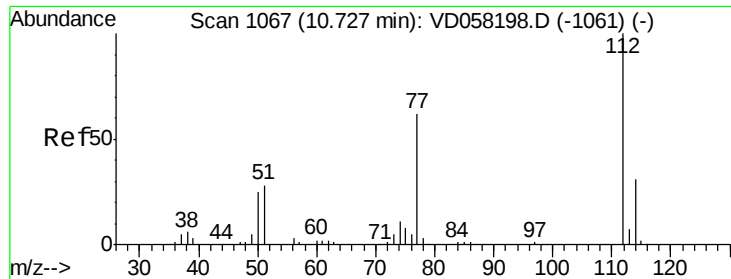
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#64
Tetrachloroethene
Concen: 34.18 ug/l
RT: 9.55 min Scan# 947
Delta R.T. 0.04 min
Lab File: VD058348.D
Acq: 23 Jun 2018 18:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	105.4	158.0
129	74.3	59.6	89.4
131	76.3	59.4	89.2





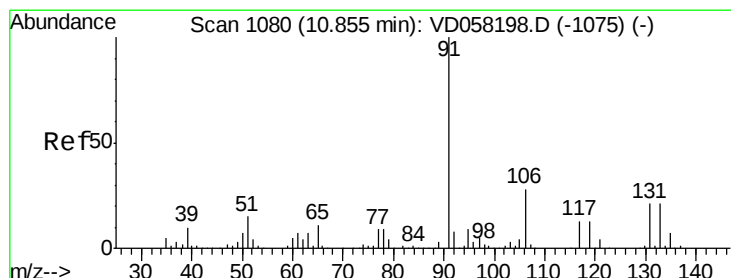
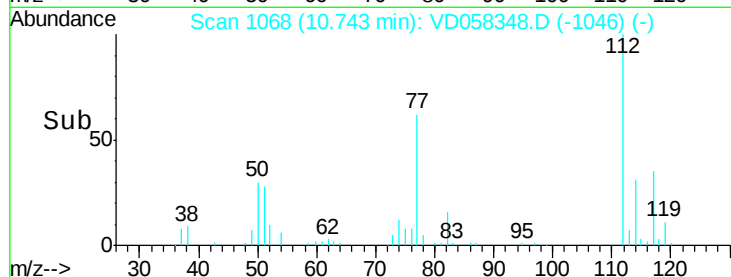
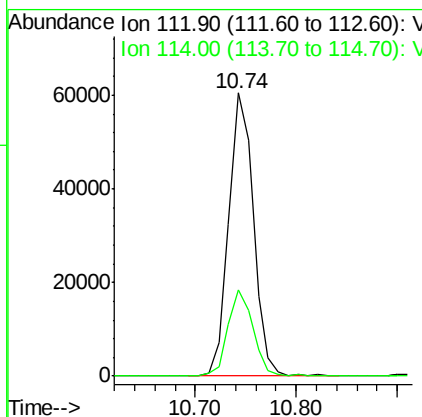
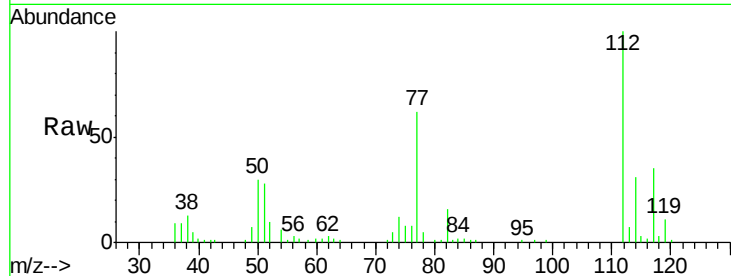
#65
Chlorobenzene
Concen: 6.57 ug/l
RT: 10.74 min Scan# 1068
Delta R.T. 0.02 min
Lab File: VD058348.D
Acq: 23 Jun 2018 18:39

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-33-35-180619

Tot Ion:112 Resp: 102543
Ion Ratio Lower Upper
112 100
114 30.7 25.0 37.4

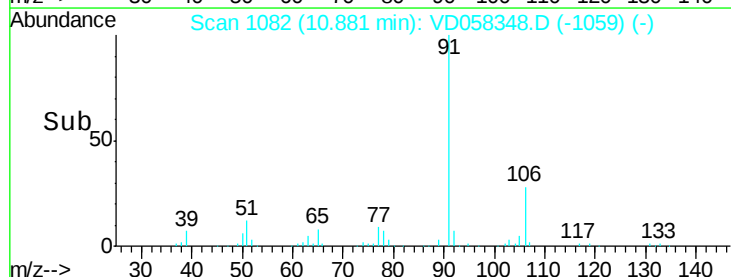
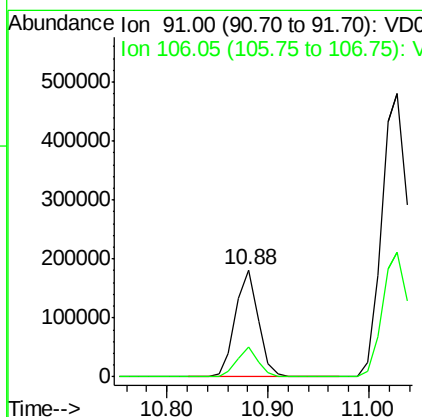
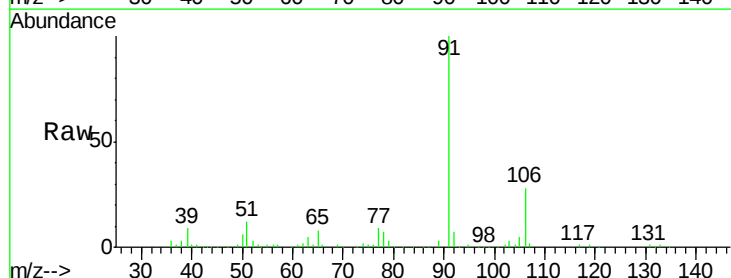
Manual Integrations
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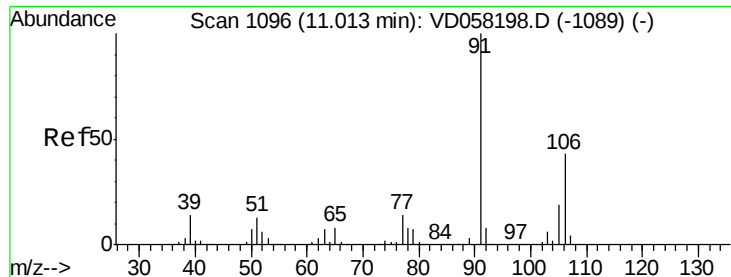
apatel
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#67
Ethyl Benzene
Concen: 10.45 ug/l
RT: 10.88 min Scan# 1082
Delta R.T. 0.03 min
Lab File: VD058348.D
Acq: 23 Jun 2018 18:39

Tgt Ion: 91 Resp: 287853
Ion Ratio Lower Upper
91 100
106 28.1 22.0 33.0





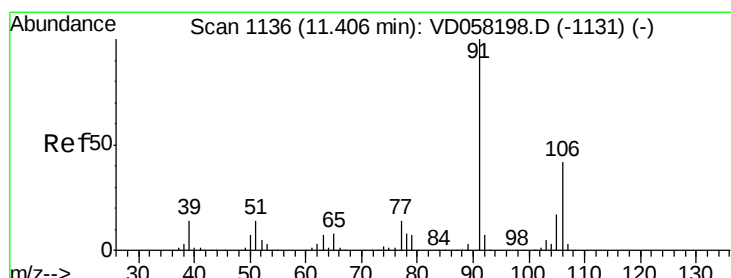
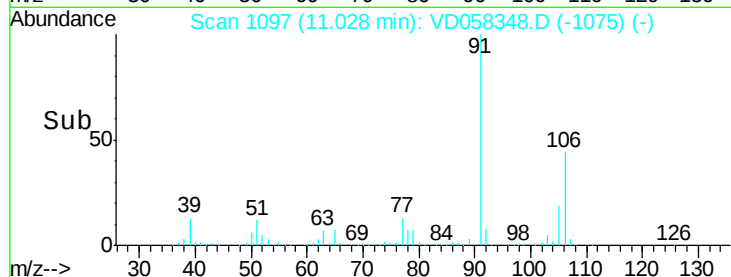
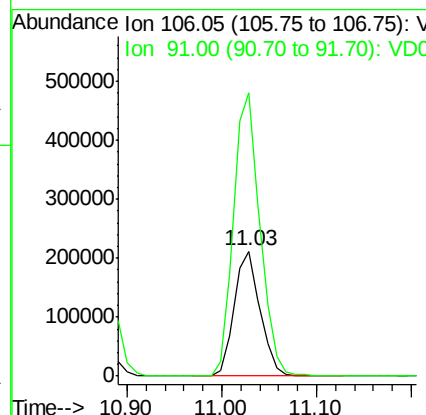
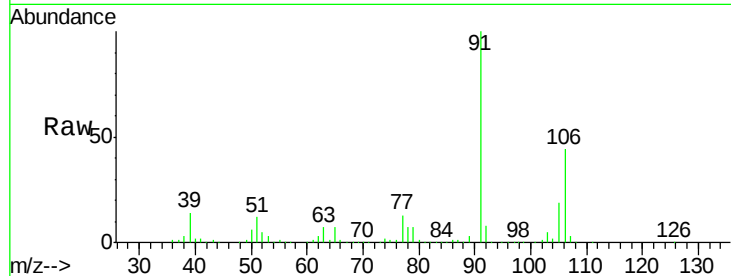
#68
m/p-Xylenes
Concen: 43.46 ug/l
RT: 11.03 min Scan# 1097
Delta R.T. 0.02 min
Lab File: VD058348.D
Acq: 23 Jun 2018 18:39

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-33-35-180619

Tot Ion:106 Resp: 399146
Ion Ratio Lower Upper
106 100
91 227.0 185.0 277.6

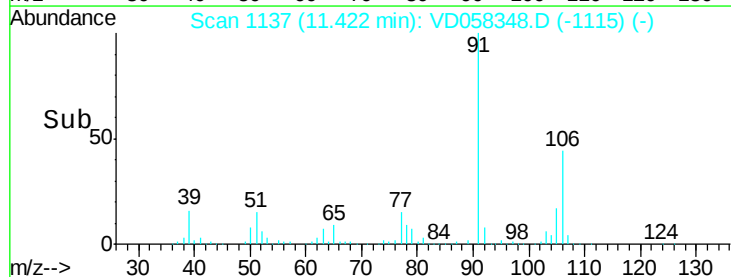
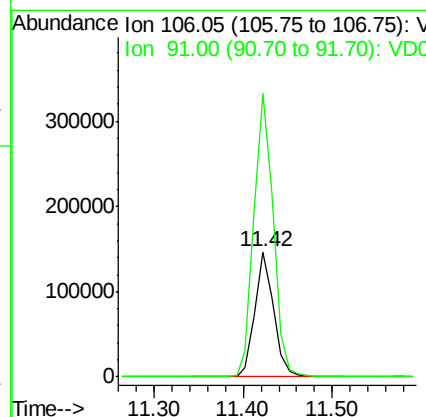
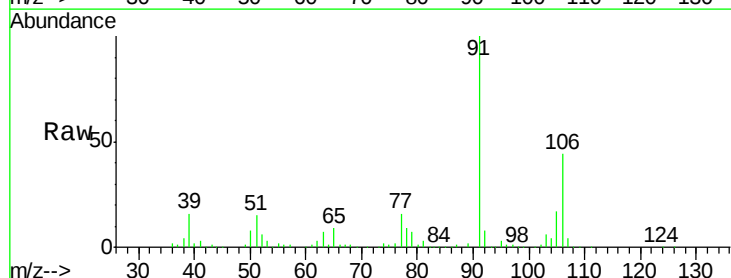
Manual Integrations
APPROVED

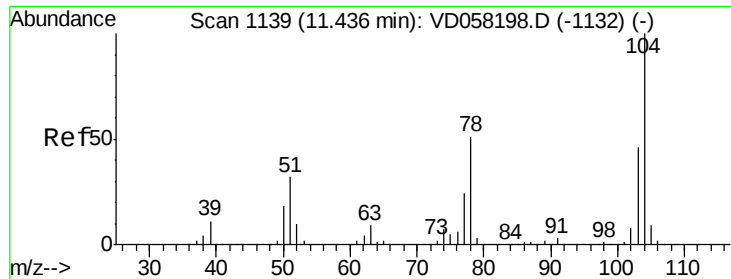
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#69
o-Xylene
Concen: 24.13 ug/l
RT: 11.42 min Scan# 1137
Delta R.T. 0.02 min
Lab File: VD058348.D
Acq: 23 Jun 2018 18:39

Tgt Ion:106 Resp: 211629
Ion Ratio Lower Upper
106 100
91 226.0 120.2 360.6





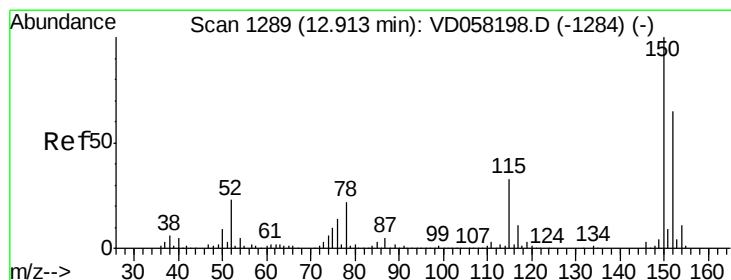
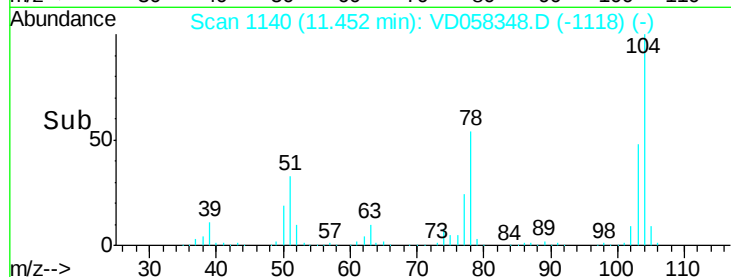
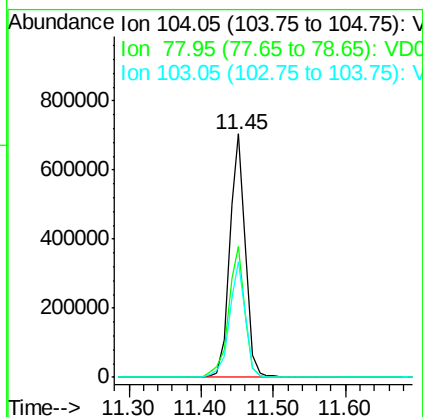
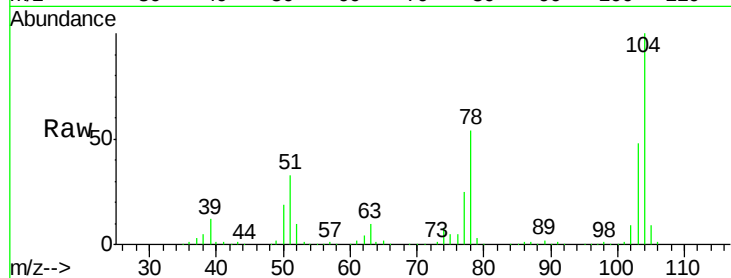
#70
 Stvrene
 Concen: 69.90 ug/l
 RT: 11.45 min Scan# 1140
 Delta R.T. 0.02 min
 Lab File: VD058348.D
 Acq: 23 Jun 2018 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-33-35-180619

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.0	40.8	61.2
103	47.5	37.0	55.6

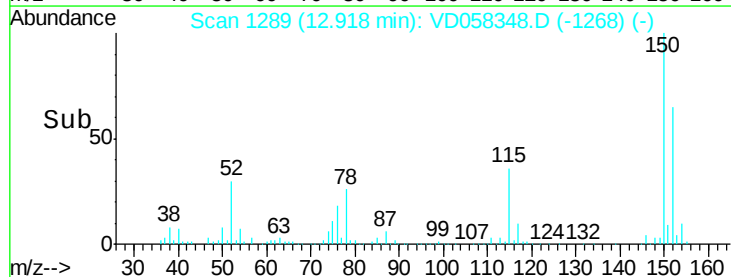
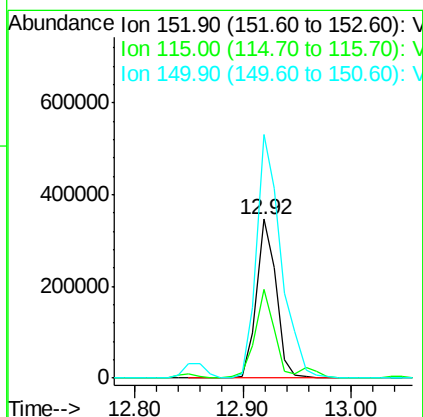
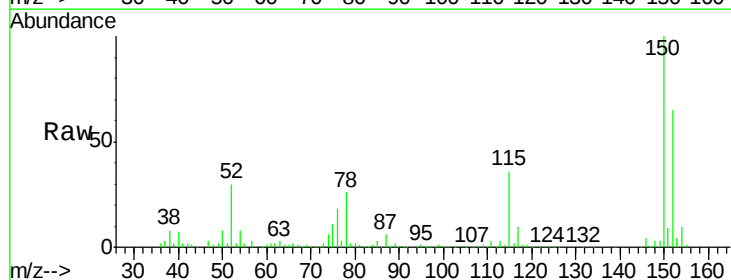
Manual Integrations
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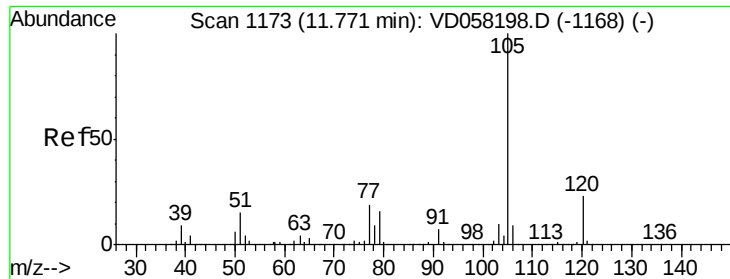
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#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.92 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: VD058348.D
 Acq: 23 Jun 2018 18:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	25.1	75.3
150	153.3	0.0	308.8





#73

Isopropylbenzene

Concen: 2.42 ug/l

RT: 11.79 min Scan# 1174

Delta R.T. 0.02 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-33-35-180619

Tot Ion:105 Resp: 63740

Ion Ratio Lower Upper

105 100

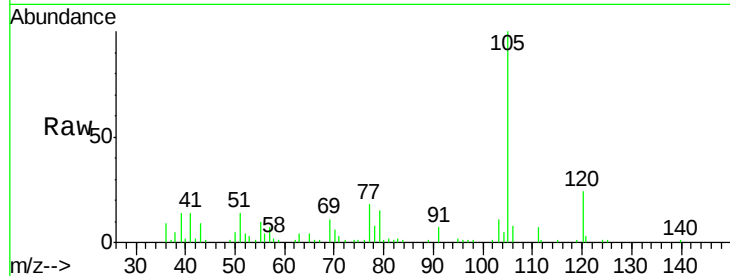
120 23.9 11.6 34.8

Manual Integrations

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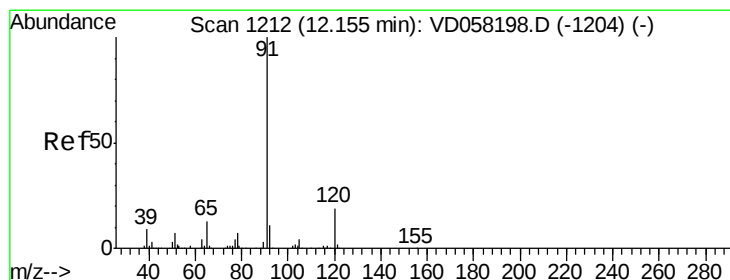
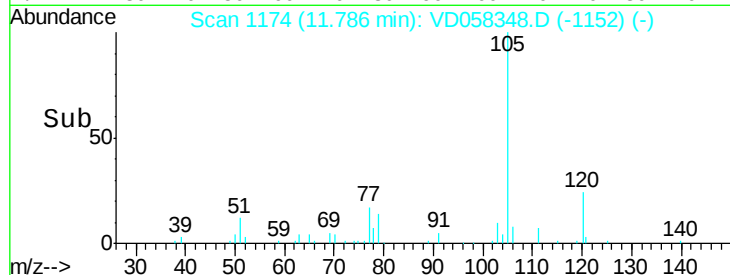
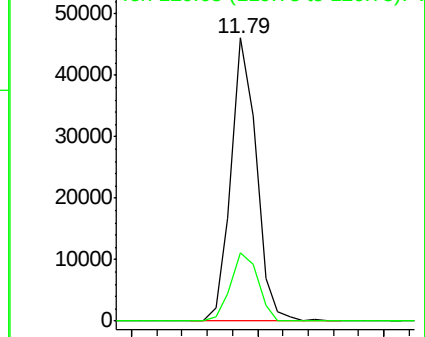
apatel

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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: 4.67 ug/l

RT: 12.17 min Scan# 1213

Delta R.T. 0.02 min

Lab File: VD058348.D

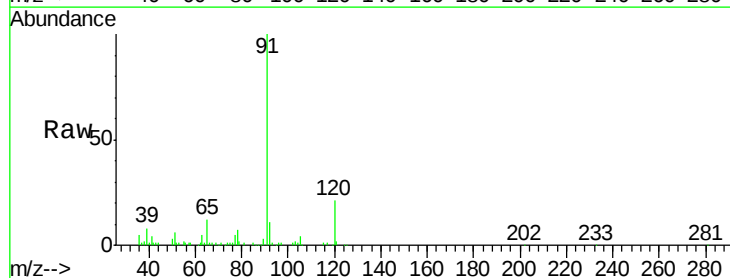
Acq: 23 Jun 2018 18:39

Tgt Ion: 91 Resp: 158595

Ion Ratio Lower Upper

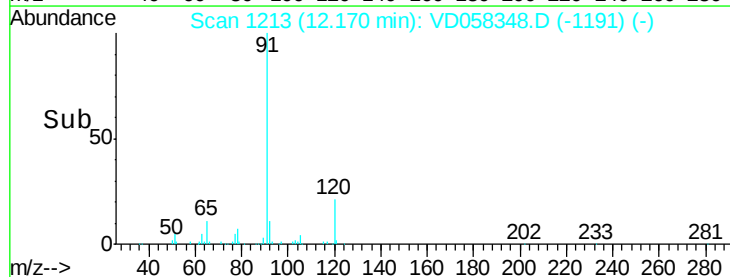
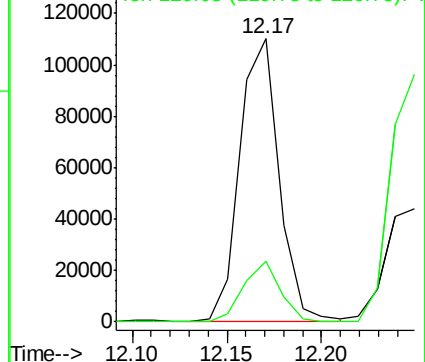
91 100

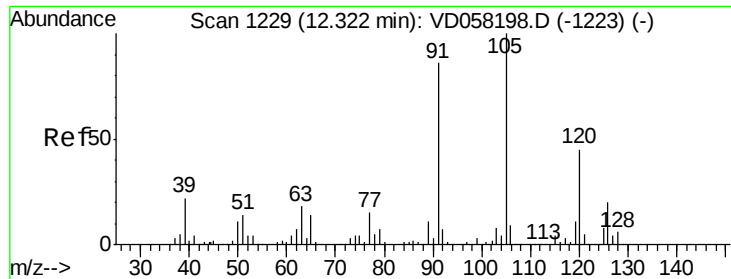
120 21.2 9.7 29.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#80

1,3,5-Trimethylbenzene

Concen: 22.78 ug/l

RT: 12.33 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-33-35-180619

Tot Ion:105 Resp: 467611

Ion Ratio Lower Upper

105 100

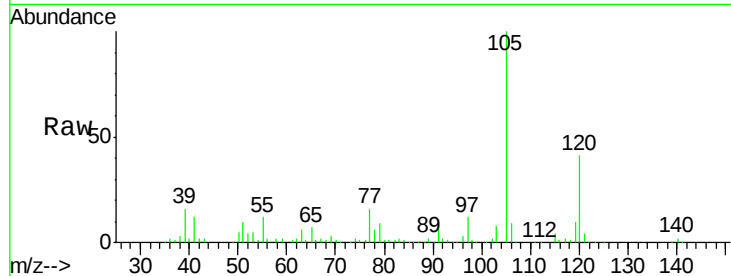
120 40.9 22.5 67.5

Manual Integrations

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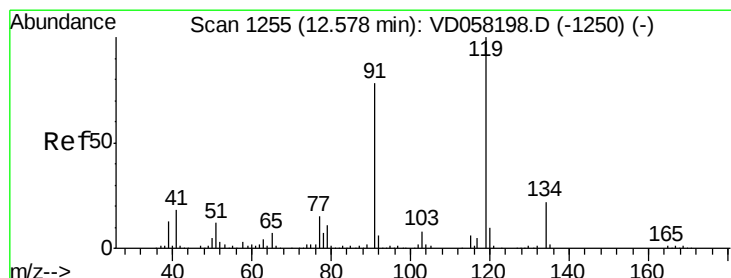
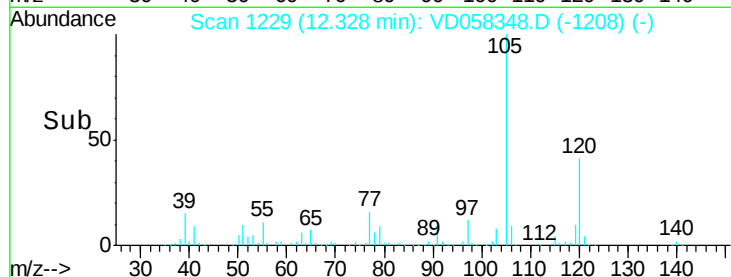
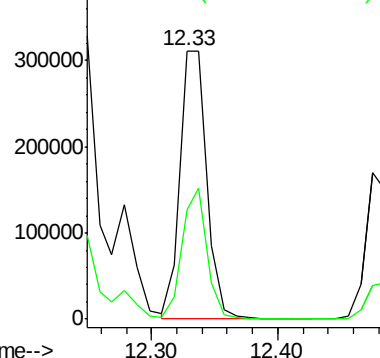
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Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#83

tert-Butylbenzene

Concen: 1.07 ug/l

RT: 12.58 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

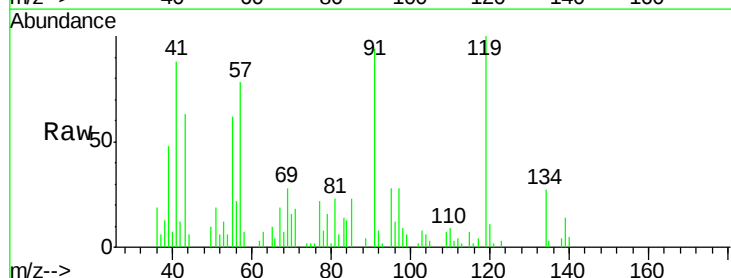
Tgt Ion:119 Resp: 25195

Ion Ratio Lower Upper

119 100

91 94.1 38.9 116.6

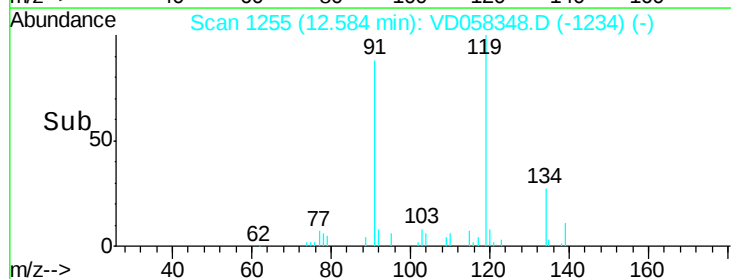
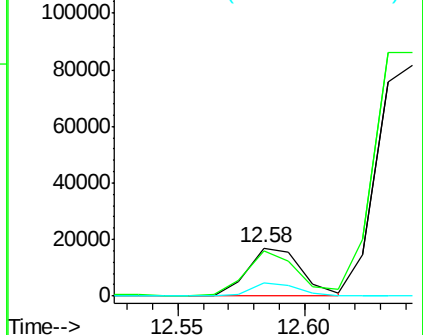
134 27.4 11.2 33.5

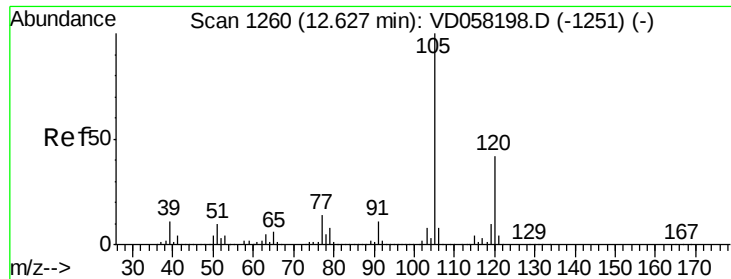


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V





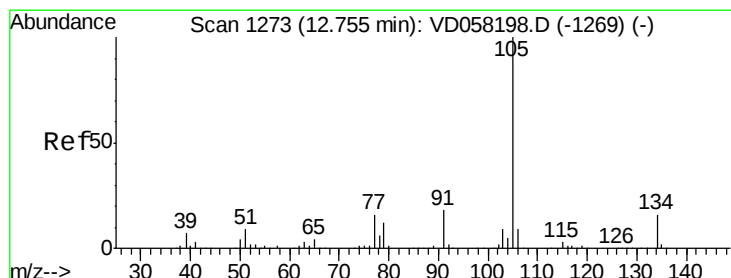
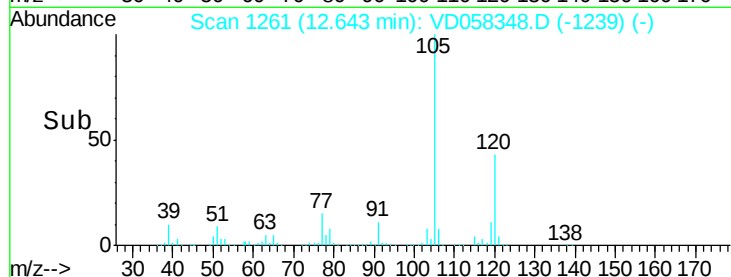
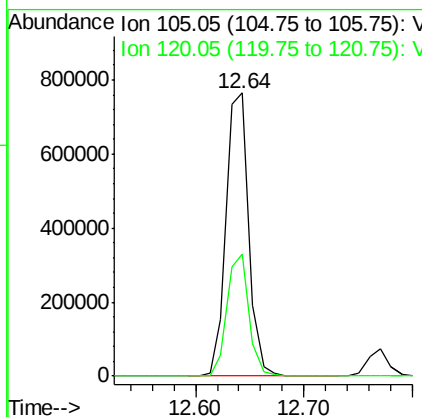
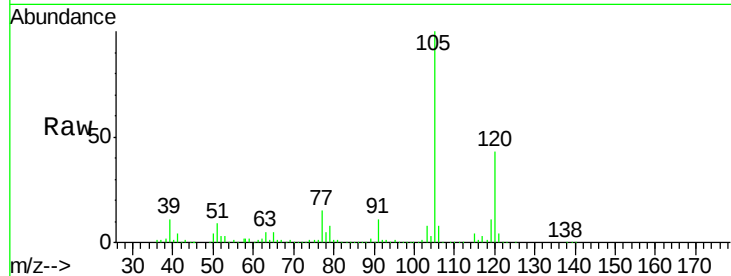
#84
 1,2,4-Trimethylbenzene
 Concen: 49.99 ug/l
 RT: 12.64 min Scan# 1261
 Delta R.T. 0.02 min
 Lab File: VD058348.D
 Acq: 23 Jun 2018 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-33-35-180619

Tot Ion:105 Resp: 111540
 Ion Ratio Lower Upper
 105 100
 120 43.1 20.8 62.4

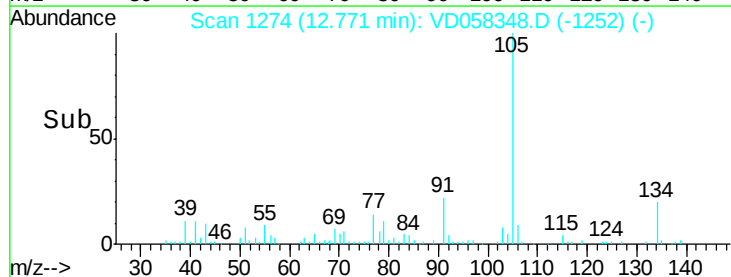
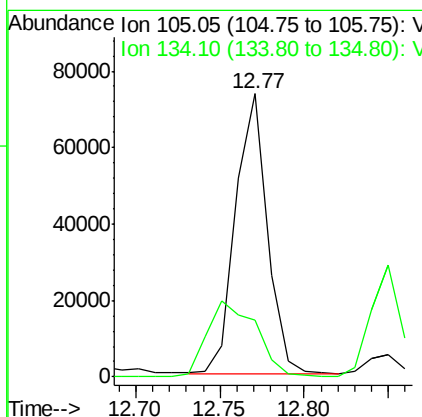
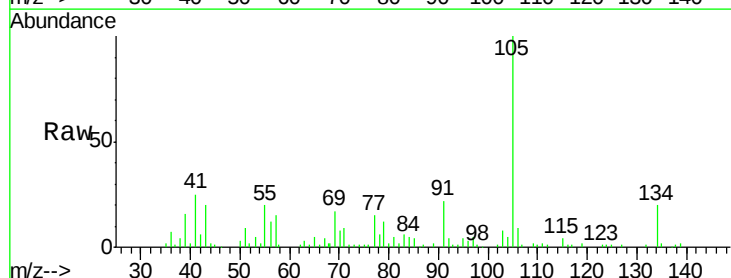
Manual Integrations
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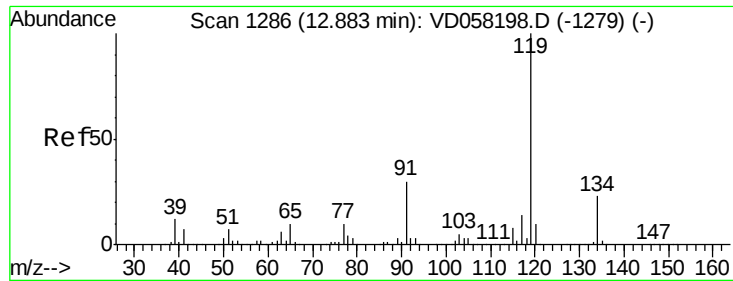
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#85
 sec-Butylbenzene
 Concen: 3.47 ug/l
 RT: 12.77 min Scan# 1274
 Delta R.T. 0.02 min
 Lab File: VD058348.D
 Acq: 23 Jun 2018 18:39

Tgt Ion:105 Resp: 95968
 Ion Ratio Lower Upper
 105 100
 134 20.0 8.1 24.3





#86

p-Isopropyltoluene

Concen: 3.29 ug/l

RT: 12.90 min Scan# 1287

Delta R.T. 0.02 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

Instrument :

MSVOA_D

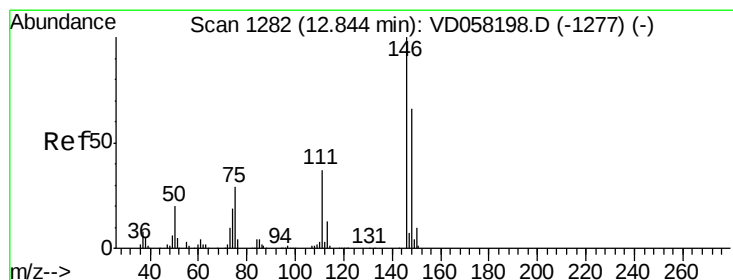
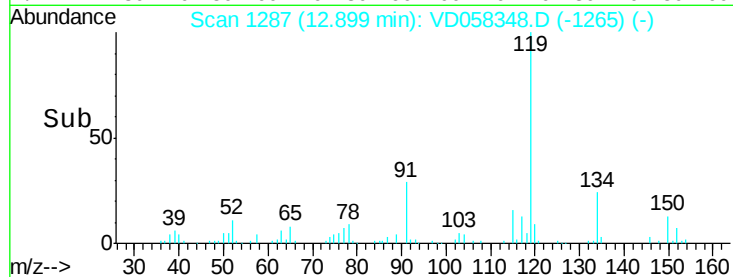
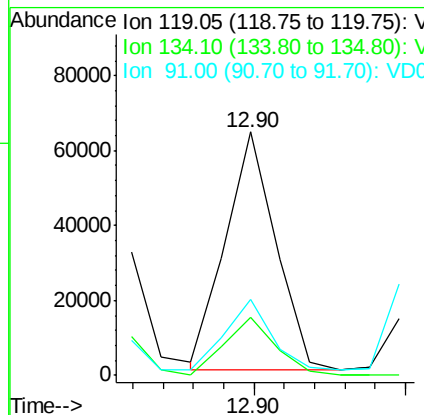
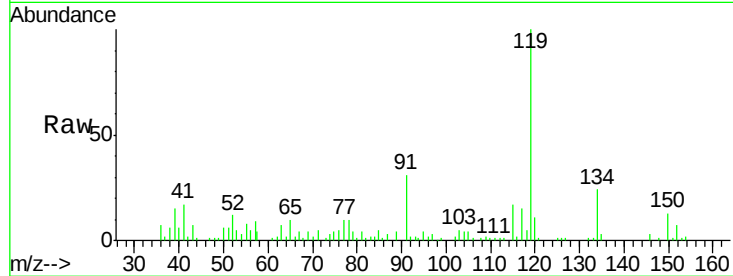
ClientSampleId :

WP021SB471-33-35-180619

Tot Ion:	119	Resp:	73653
Ion Ratio	Lower	Upper	
119	100		
134	24.0	11.6	34.8
91	31.2	15.0	45.1

Manual Integrations
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#87

1,3-Dichlorobenzene

Concen: 32.87 ug/l

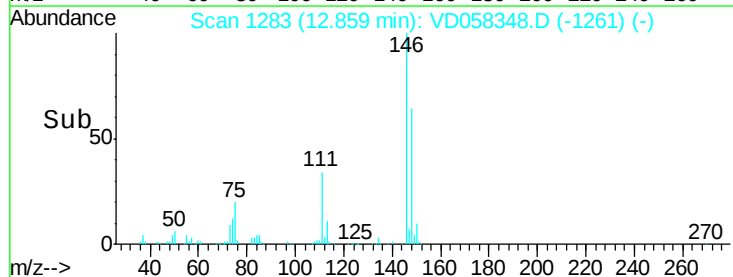
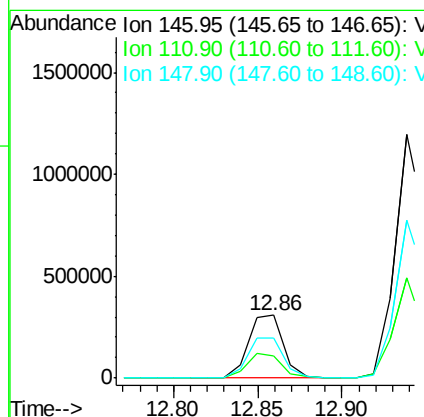
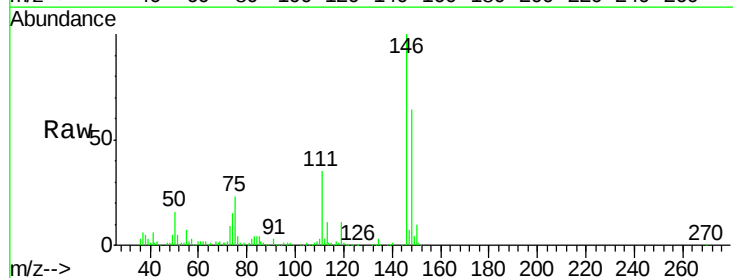
RT: 12.86 min Scan# 1283

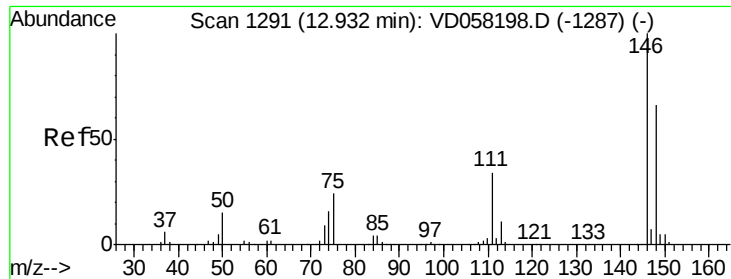
Delta R.T. 0.02 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

Tgt Ion:	146	Resp:	450233
Ion Ratio	Lower	Upper	
146	100		
111	34.5	18.4	55.0
148	64.3	32.8	98.4





#88

1,4-Dichlorobenzene

Concen: 116.77 ug/l

RT: 12.94 min Scan# 1291

Delta R.T. 0.01 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

Instrument :

MSVOA_D

ClientSampleId :

WP021SB471-33-35-180619

Tot Ion:146 Resp: 1562091

Ion Ratio Lower Upper

146 100

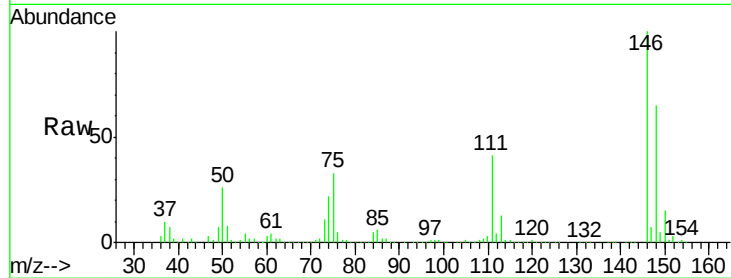
111 41.1 17.2 51.5

148 65.0 33.1 99.3

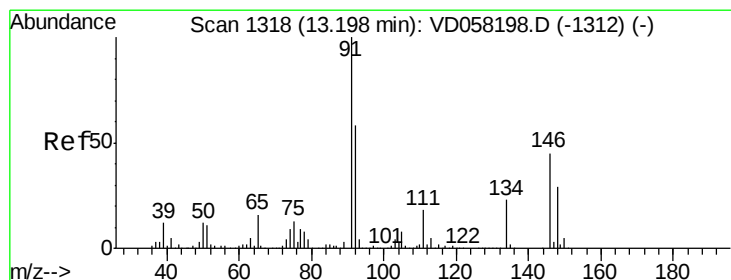
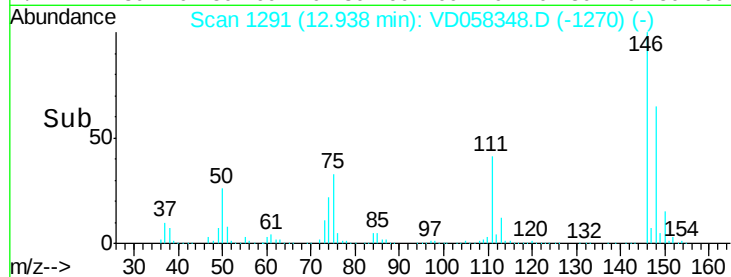
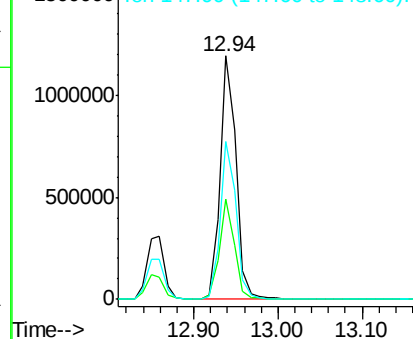
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Abundance Ion 145.95 (145.65 to 146.65): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#91

1,2-Dichlorobenzene

Concen: 486.07 ug/l

RT: 13.21 min Scan# 1319

Delta R.T. 0.02 min

Lab File: VD058348.D

Acq: 23 Jun 2018 18:39

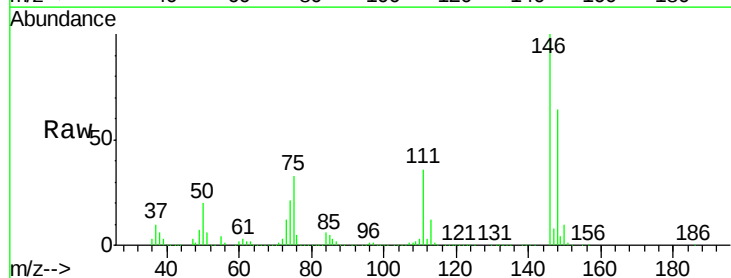
Tgt Ion:146 Resp: 5666490

Ion Ratio Lower Upper

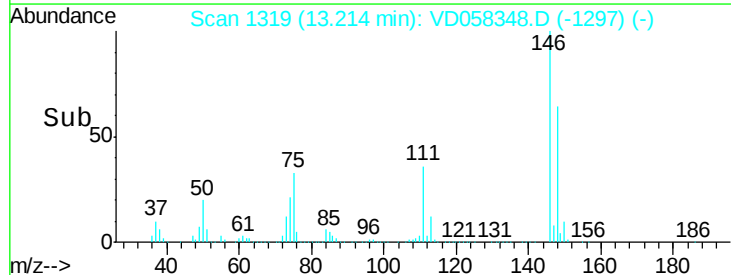
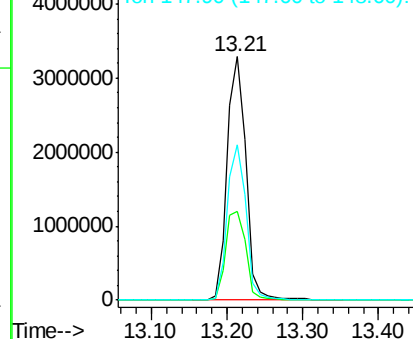
146 100

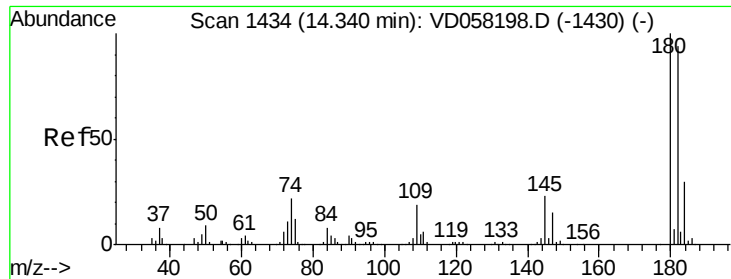
111 36.4 19.6 58.7

148 64.0 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





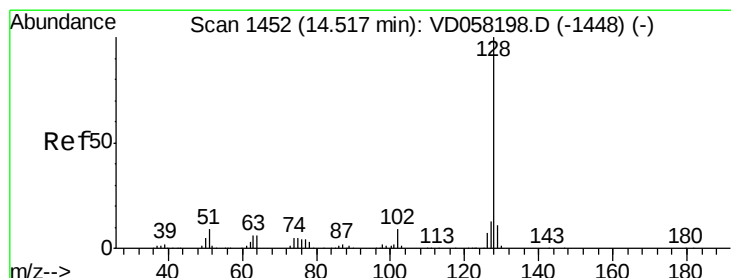
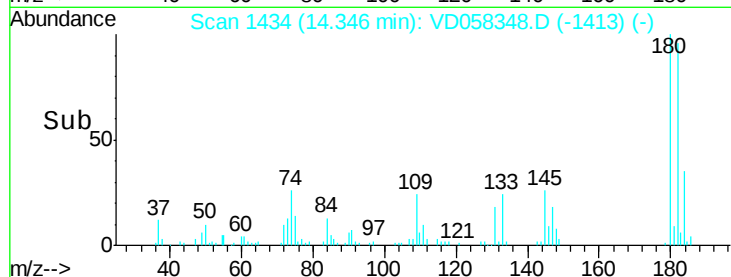
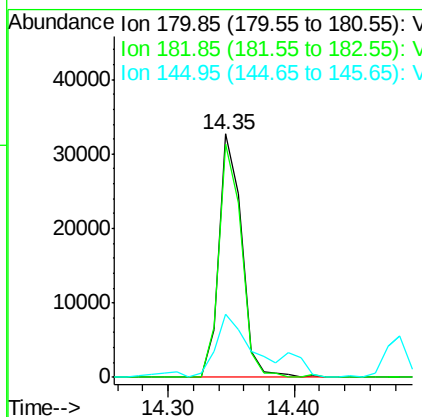
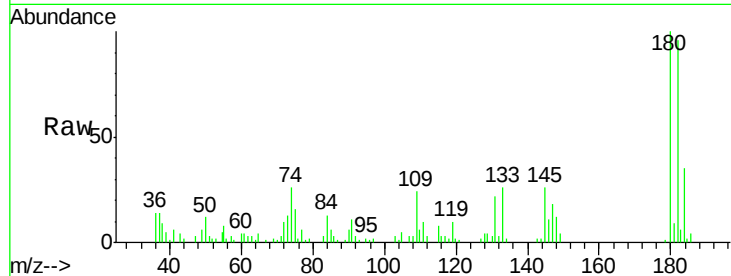
#93
 1,2,4-Trichlorobenzene
 Concen: 3.68 ug/l
 RT: 14.35 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VD058348.D
 Acq: 23 Jun 2018 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-33-35-180619

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.1	141.3
145	26.0	11.7	35.0

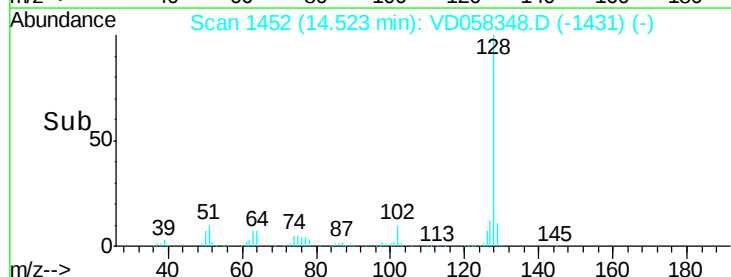
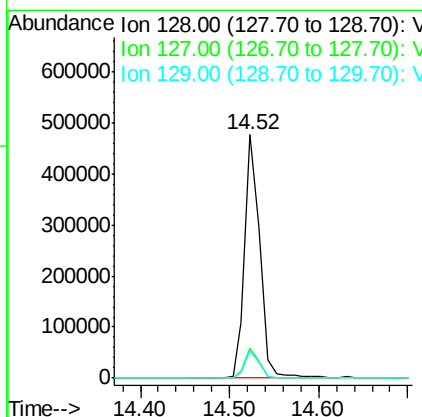
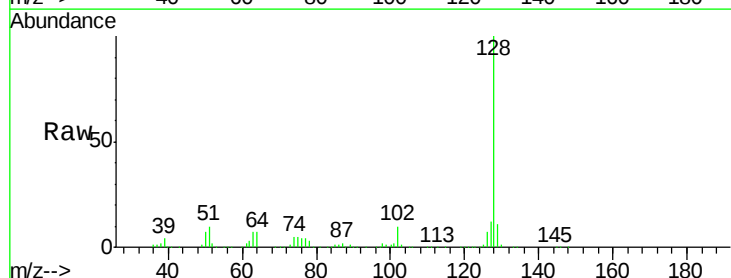
Manual Integrations
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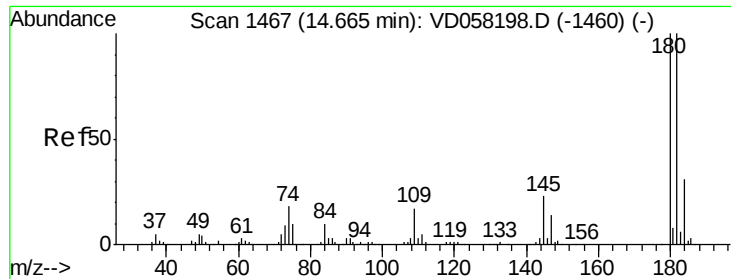
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#95
 Naphthalene
 Concen: 38.40 ug/l
 RT: 14.52 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: VD058348.D
 Acq: 23 Jun 2018 18:39

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.0	15.0
129	11.1	8.7	13.1





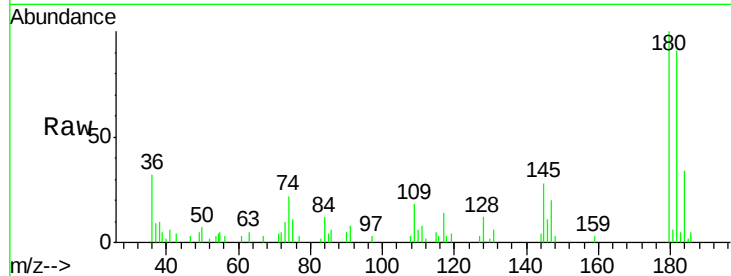
#96
 1,2,3-Trichlorobenzene
 Concen: 1.53 ug/l
 RT: 14.67 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: VD058348.D
 Acq: 23 Jun 2018 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-33-35-180619

Tot Ion	Ratio	Resp	Lower	Upper
180	100	14937		
182	90.6		49.9	149.6
145	27.9		11.7	35.1

Manual Integrations
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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

