

Data File : VW002364.D

Acq On : 10 May 2018 07:35

Operator : JC/SY

Sample : J2680-05RE

Misc : 5.56G/5ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PL-02-050418-CRE

Quant Time: May 10 08:24:59 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M

Quant Title : SW846 8260

QLast Update : Tue May 08 03:57:58 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	175400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	283423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	193006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	66145	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	87496	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
35) Dibromofluoromethane	7.88	113	79390	43.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.40%	
50) Toluene-d8	10.33	98	184029	26.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.14%	
62) 4-Bromofluorobenzene	12.63	95	67726	27.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.10%	

Target Compounds

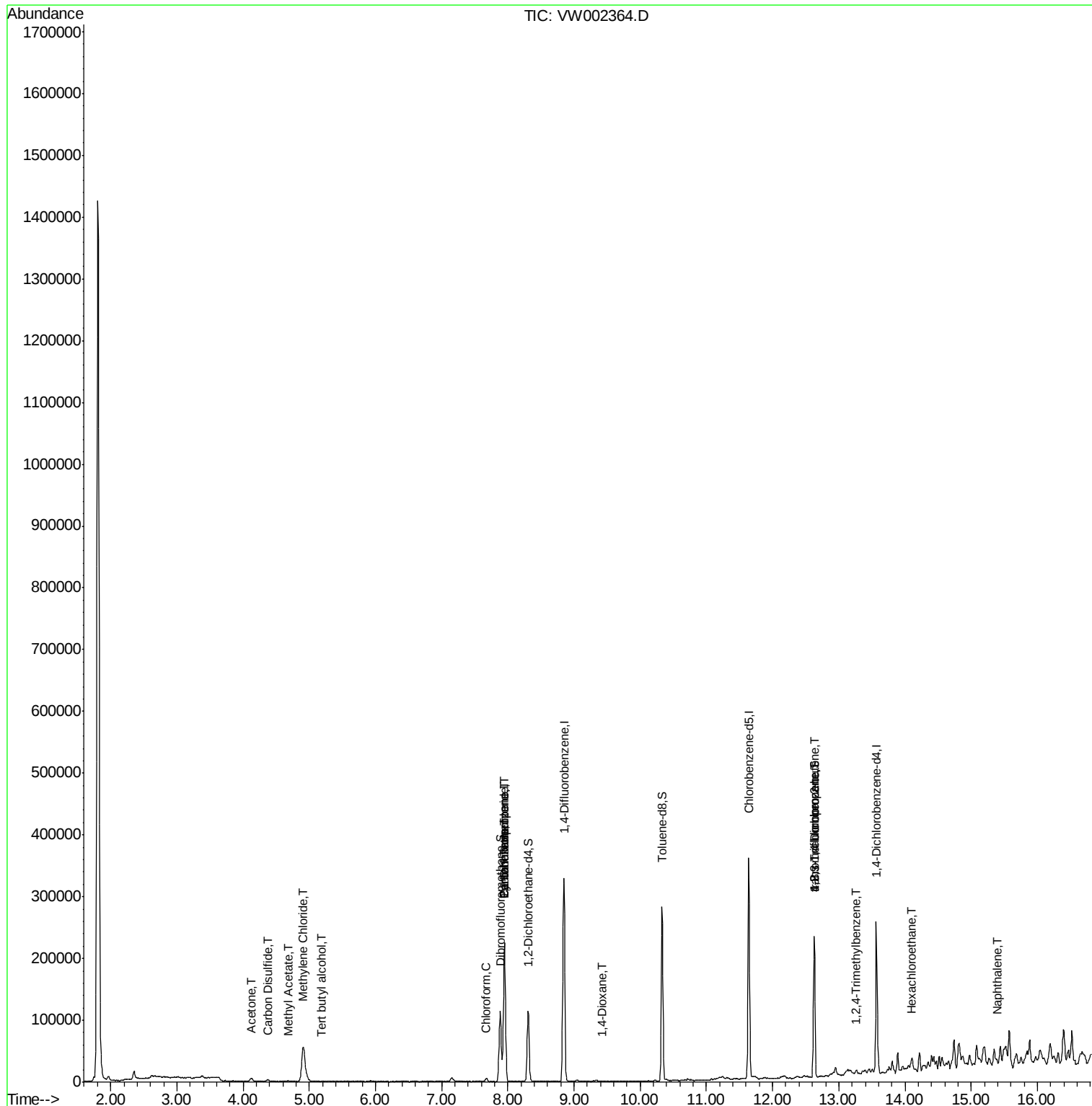
						Qvalue
11) Tert butyl alcohol	5.19	59	220	1.62	ug/l #	85
16) Acetone	4.12	43	9641	26.50	ug/l	100
17) Carbon Disulfide	4.37	76	5597	1.21	ug/l #	95
18) Methyl Acetate	4.67	43	2917	2.67	ug/l #	88
20) Methylene Chloride	4.91	84	52941	30.19	ug/l	97
30) Chloroform	7.68	83	4723	1.45	ug/l	90
31) Cyclohexane	7.95	56	4226	1.53	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	13191	5.15	ug/l #	51
38) Carbon Tetrachloride	7.95	117	16837	6.79	ug/l #	16
49) 1,4-Dioxane	9.42	88	21	1.26	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	34915	59.53	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	34915	156.80	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.27	105	3803	1.01	ug/l	100
90) Hexachloroethane	14.11	117	1103	1.55	ug/l #	7
95) Naphthalene	15.39	128	4506	1.76	ug/l #	84

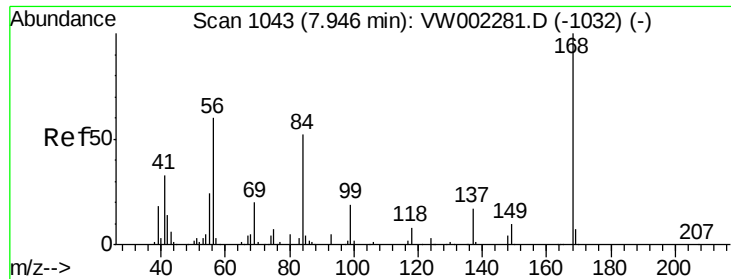
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002364.D

Acq: 10 May 2018 07:35

Instrument :

MSVOA_W

ClientSampleId :

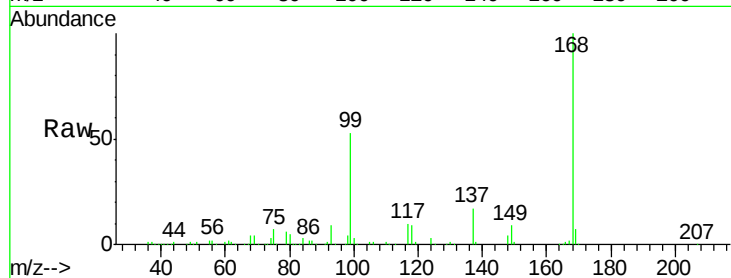
PL-02-050418-CRE

Tgt Ion:168 Resp: 175400

Ion Ratio Lower Upper

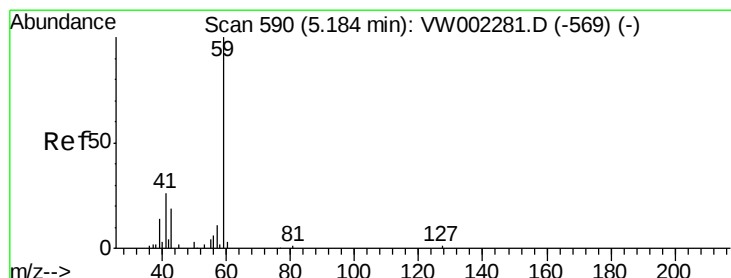
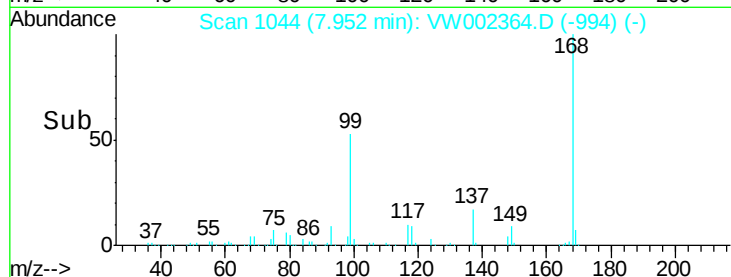
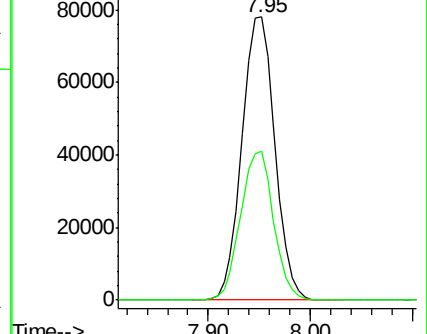
168 100

99 52.7 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.62 ug/l

RT: 5.19 min Scan# 591

Delta R.T. 0.01 min

Lab File: VW002364.D

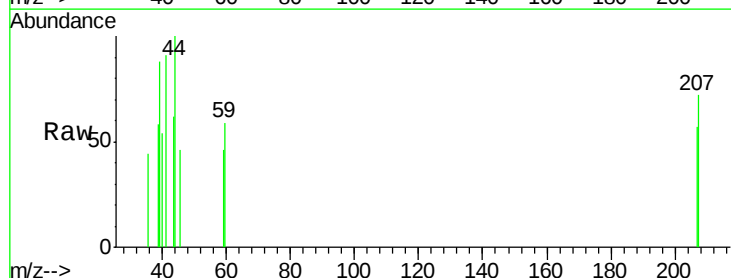
Acq: 10 May 2018 07:35

Tgt Ion: 59 Resp: 220

Ion Ratio Lower Upper

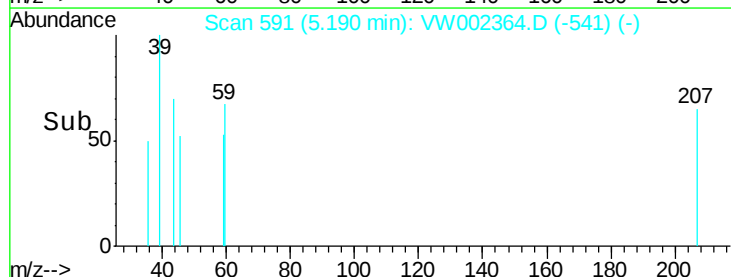
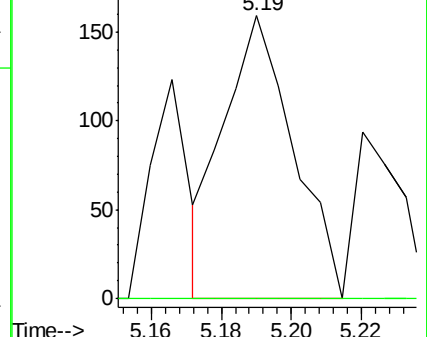
59 100

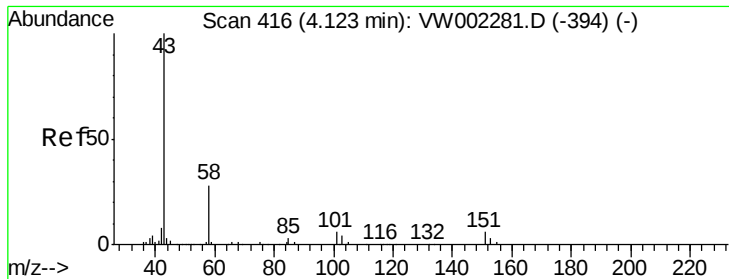
57 0.0 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

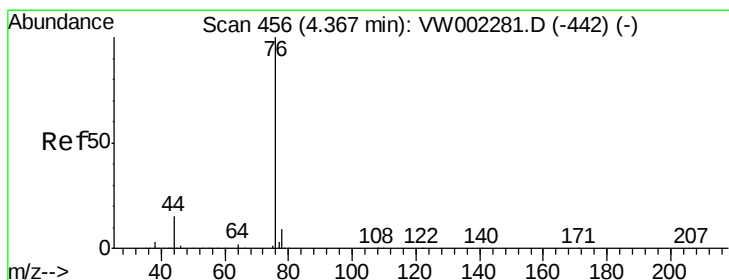
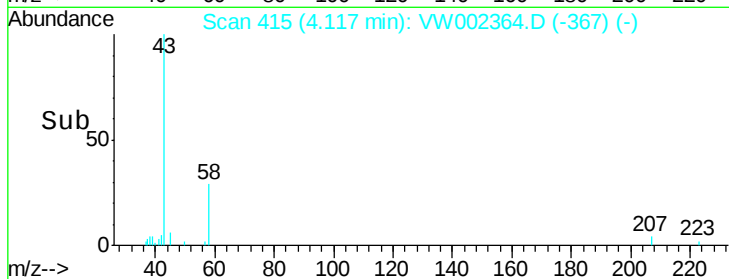
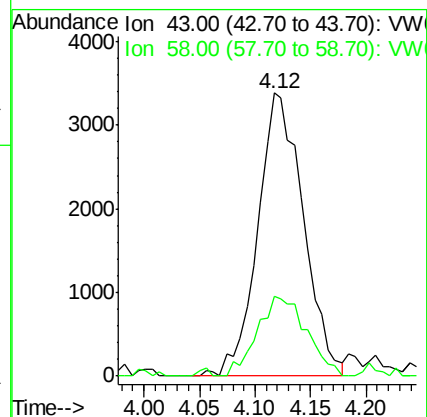
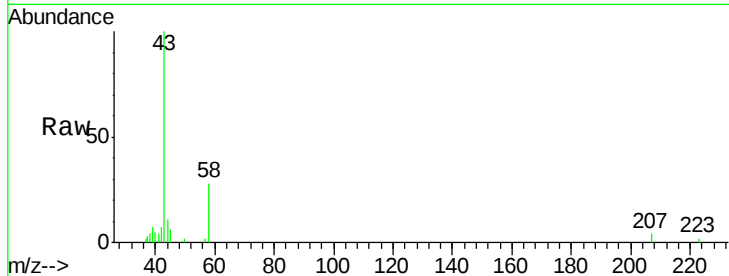




#16
Acetone
Concen: 26.50 ug/l
RT: 4.12 min Scan# 415
Delta R.T. -0.01 min
Lab File: VW002364.D
Acq: 10 May 2018 07:35

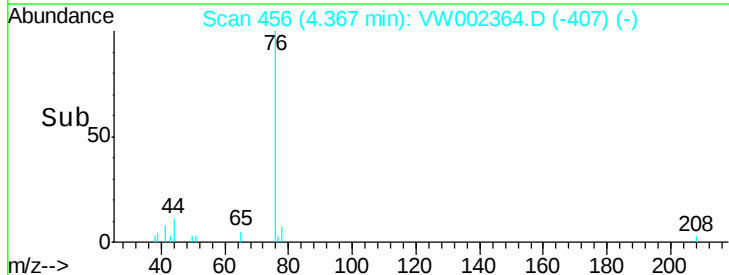
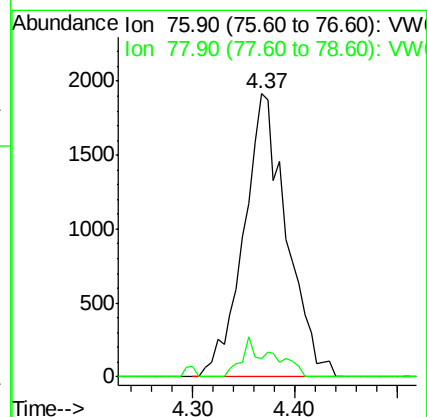
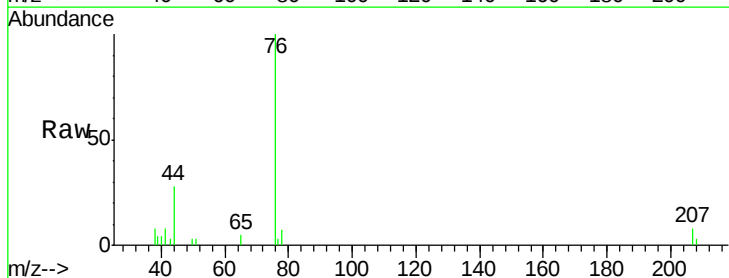
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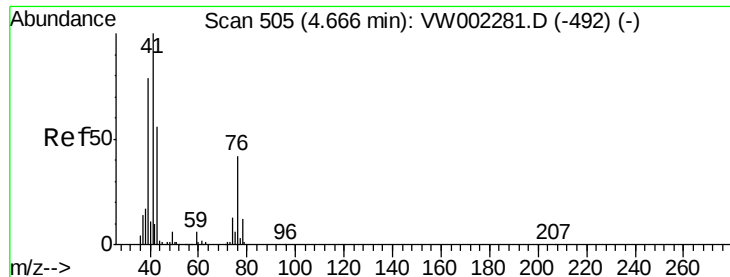
Tgt Ion: 43 Resp: 9641
Ion Ratio Lower Upper
43 100
58 28.0 22.2 33.4



#17
Carbon Disulfide
Concen: 1.21 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW002364.D
Acq: 10 May 2018 07:35

Tgt Ion: 76 Resp: 5597
Ion Ratio Lower Upper
76 100
78 6.7 6.9 10.3#

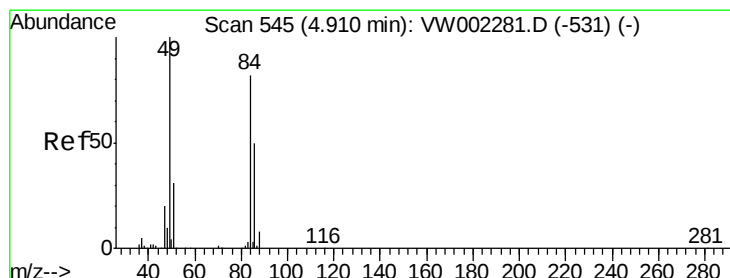
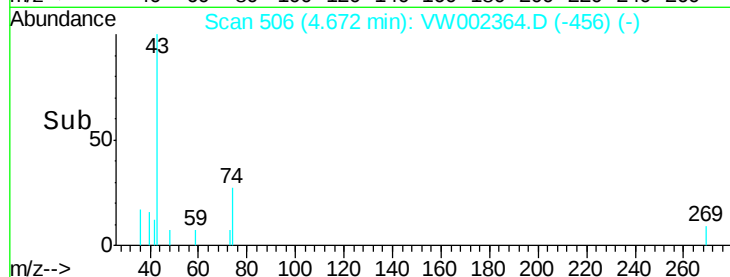
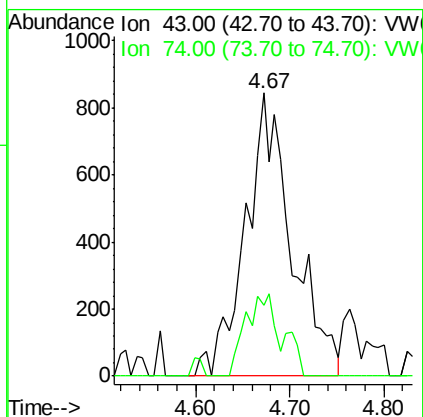
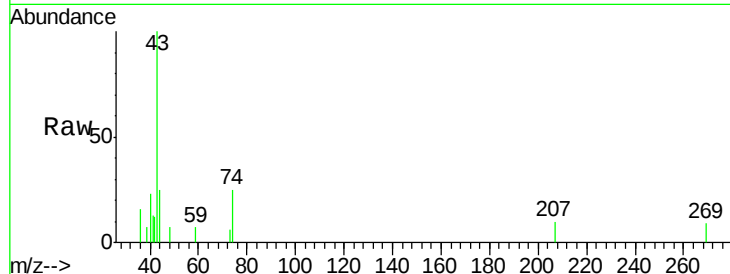




#18
Methyl Acetate
Concen: 2.67 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.01 min
Lab File: VW002364.D
Acq: 10 May 2018 07:35

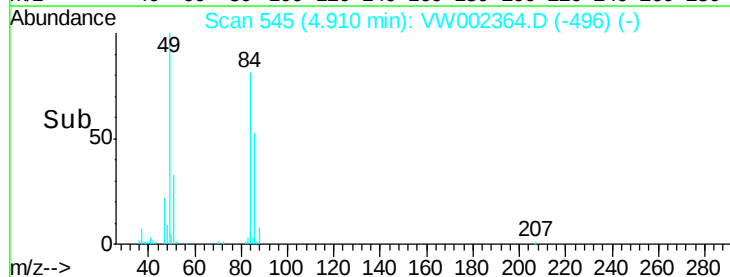
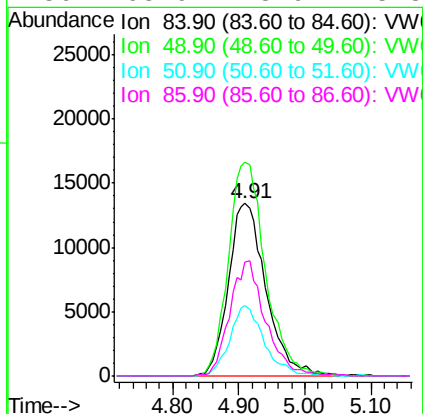
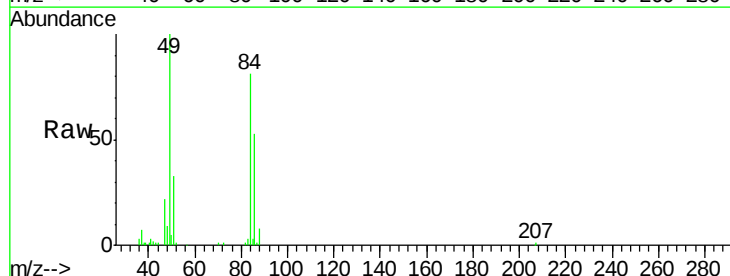
Instrument :
MSVOA_W
ClientSampleId :
PL-02-050418-CRE

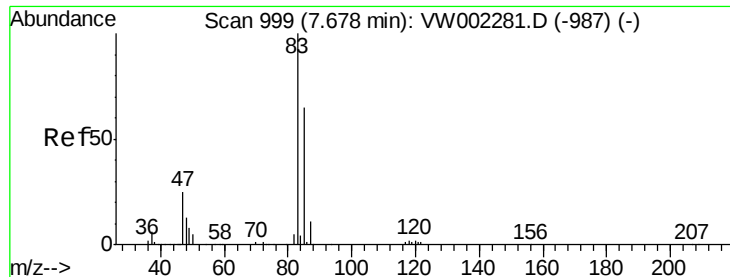
Tgt Ion: 43 Resp: 2917
Ion Ratio Lower Upper
43 100
74 18.3 19.4 29.2#



#20
Methylene Chloride
Concen: 30.19 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW002364.D
Acq: 10 May 2018 07:35

Tgt Ion: 84 Resp: 52941
Ion Ratio Lower Upper
84 100
49 123.7 97.7 146.5
51 41.1 30.2 45.4
86 65.9 48.9 73.3

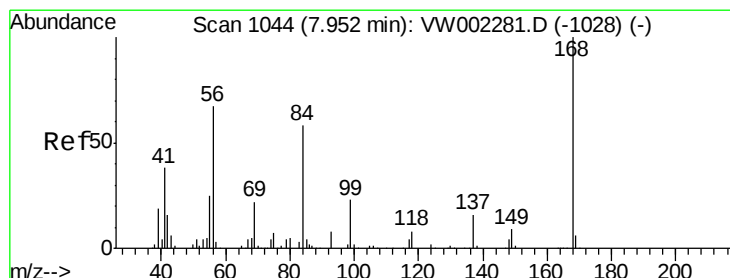
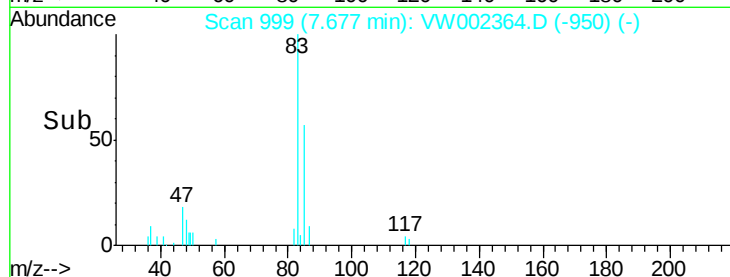
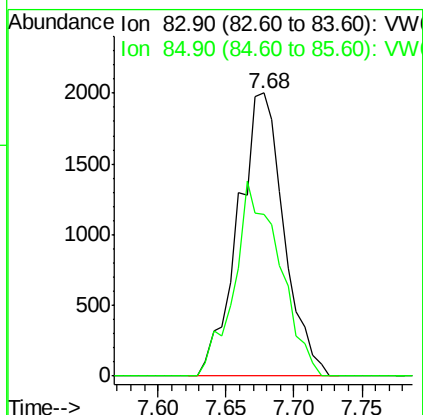
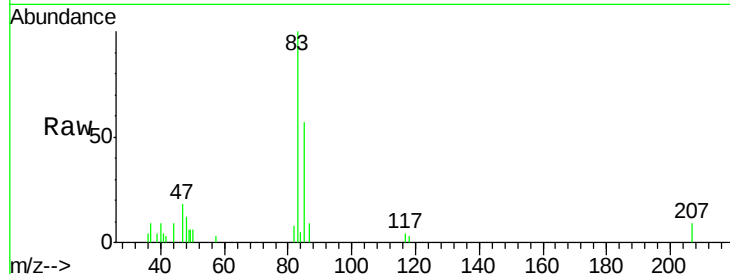




#30
Chloroform
Concen: 1.45 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW002364.D
Acq: 10 May 2018 07:35

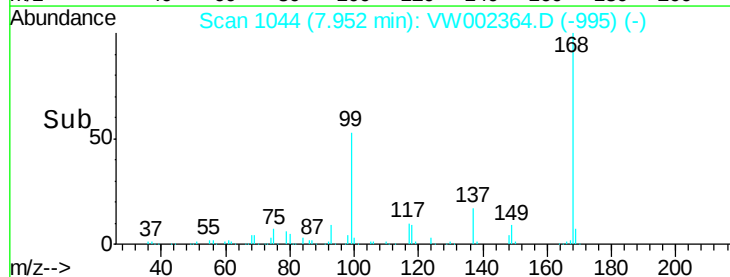
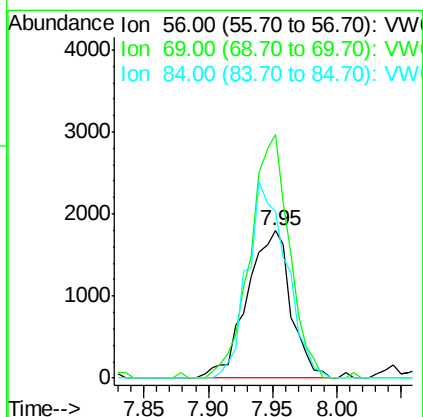
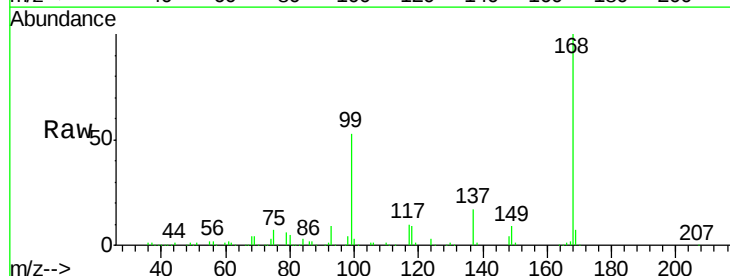
Instrument :
MSVOA_W
ClientSampleId :
PL-02-050418-CRE

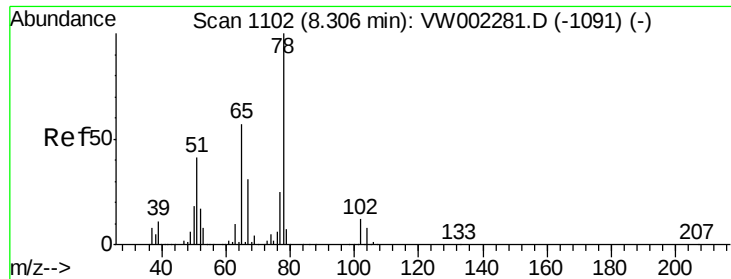
Tgt Ion: 83 Resp: 4723
Ion Ratio Lower Upper
83 100
85 57.2 51.8 77.6



#31
Cyclohexane
Concen: 1.53 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW002364.D
Acq: 10 May 2018 07:35

Tgt Ion: 56 Resp: 4226
Ion Ratio Lower Upper
56 100
69 165.6 26.2 39.4#
84 113.1 69.2 103.8#

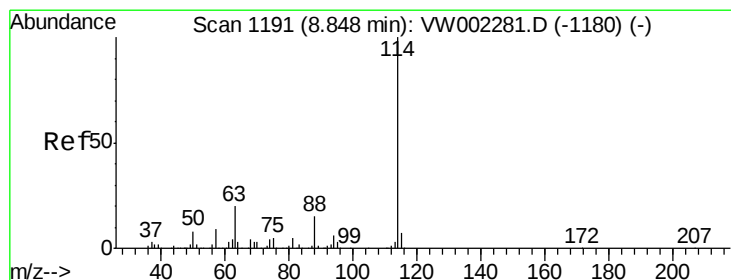
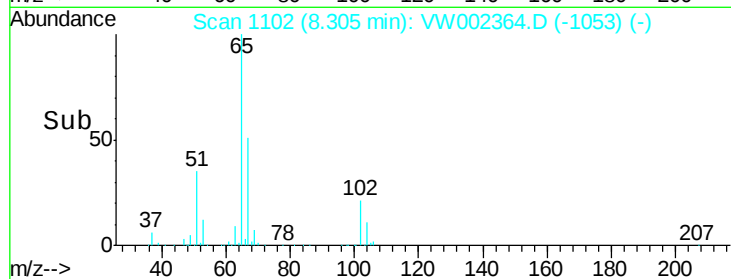
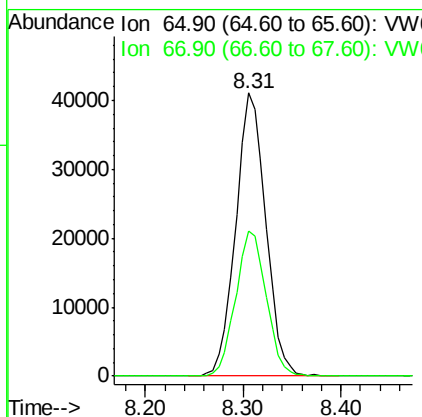
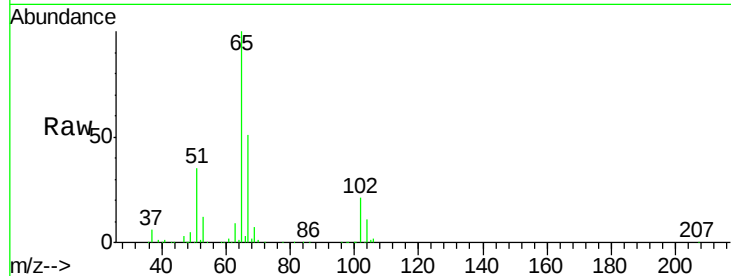




#33
 1,2-Dichloroethane-d4
 Concen: 46.97 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002364.D
 Acq: 10 May 2018 07:35

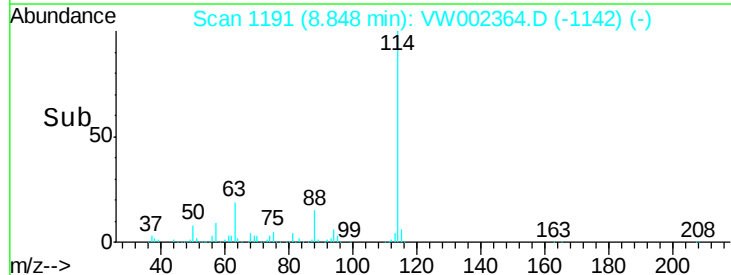
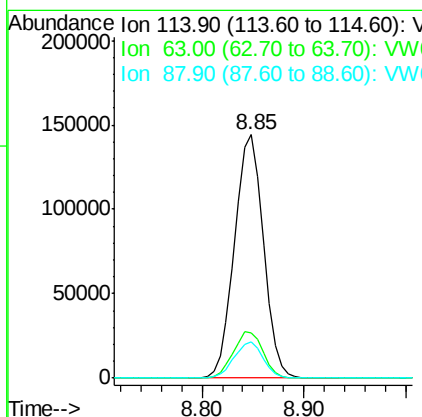
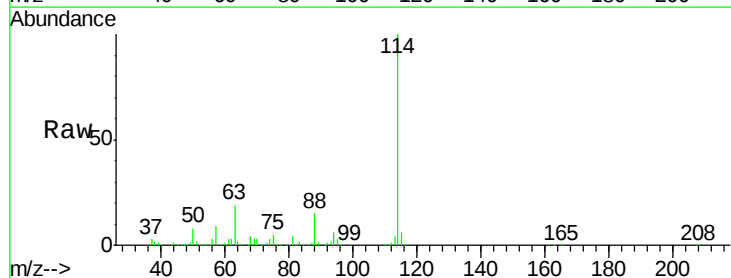
Instrument :
 MSVOA_W
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 PL-02-050418-CRE

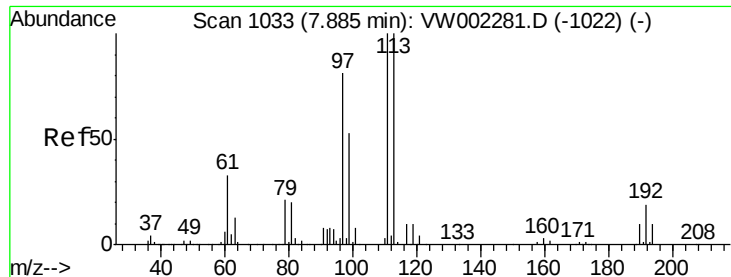
Tgt Ion: 65 Resp: 87496
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002364.D
 Acq: 10 May 2018 07:35

Tgt Ion: 114 Resp: 283423
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.0
 88 14.8 0.0 29.6

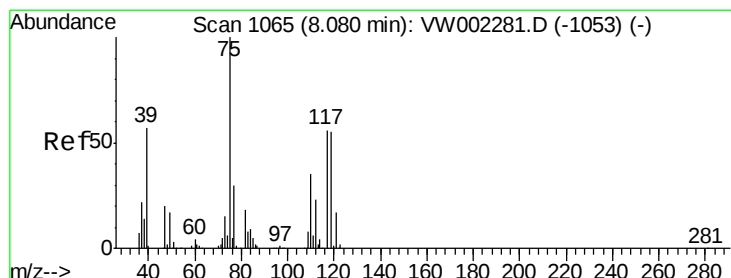
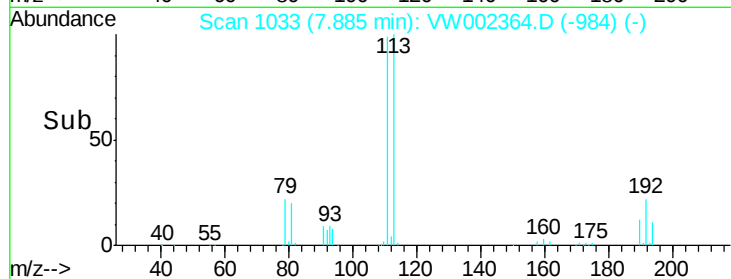
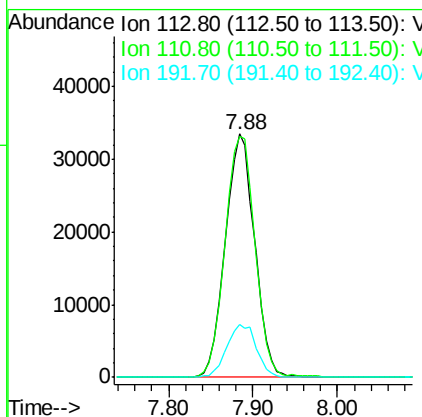
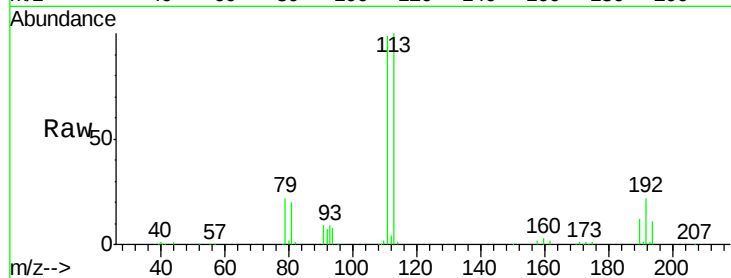




#35
 Dibromofluoromethane
 Concen: 43.70 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002364.D
 Acq: 10 May 2018 07:35

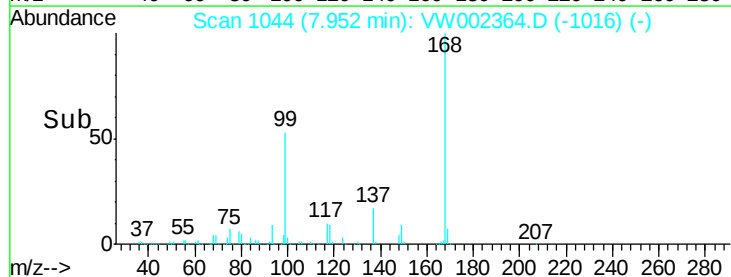
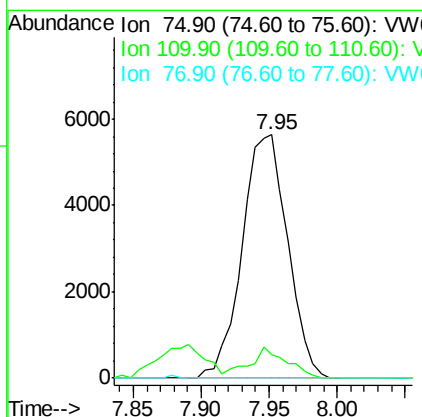
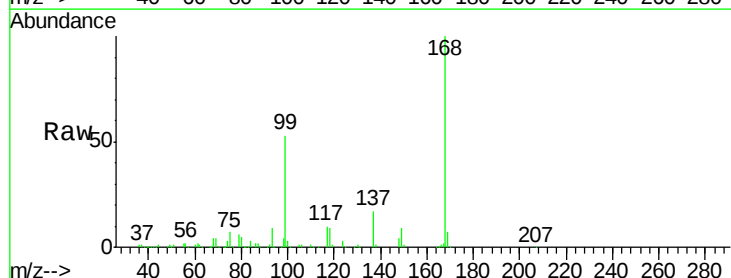
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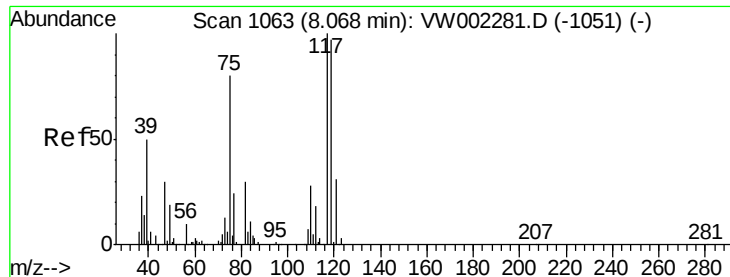
Tgt Ion: 113 Resp: 79390
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.5 122.3
 192 21.6 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 5.15 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW002364.D
 Acq: 10 May 2018 07:35

Tgt Ion: 75 Resp: 13191
 Ion Ratio Lower Upper
 75 100
 110 10.4 18.1 54.1#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.79 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW002364.D

Acq: 10 May 2018 07:35

Instrument :

MSVOA_W

ClientSampleId :

PL-02-050418-CRE

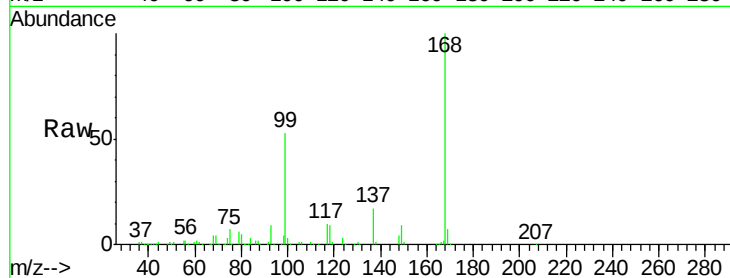
Tgt Ion: 117 Resp: 16837

Ion Ratio Lower Upper

117 100

119 6.0 77.5 116.3#

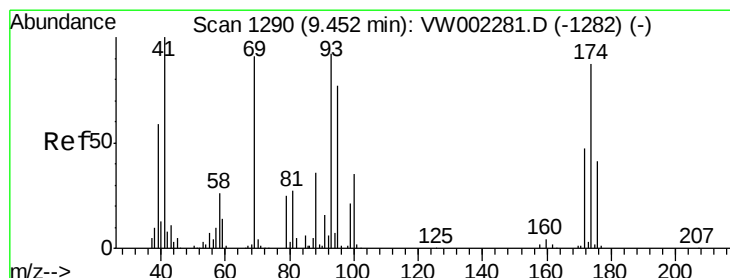
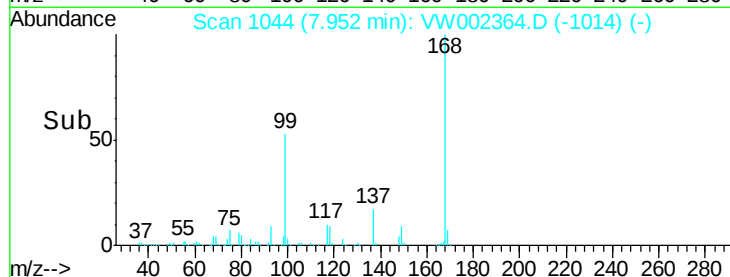
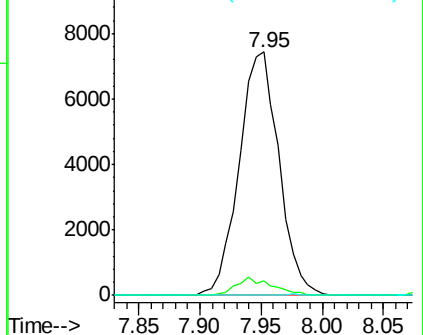
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 1.26 ug/l

RT: 9.42 min Scan# 1285

Delta R.T. -0.03 min

Lab File: VW002364.D

Acq: 10 May 2018 07:35

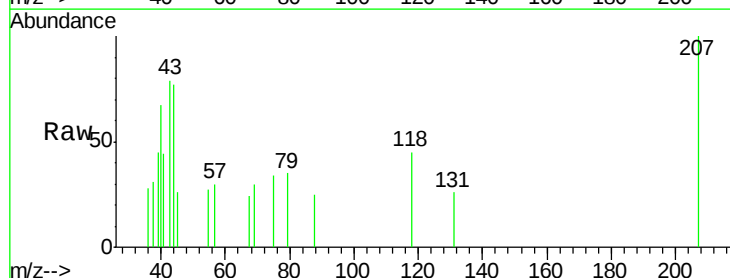
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 1642.9 26.3 39.5#

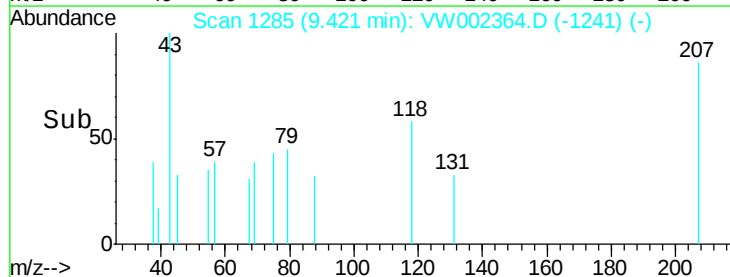
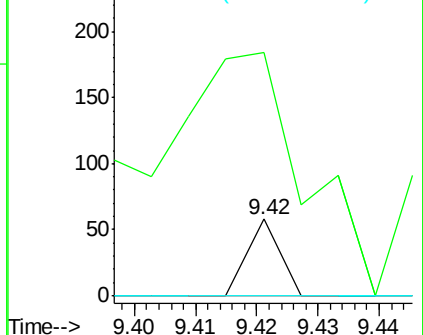
58 0.0 56.0 84.0#

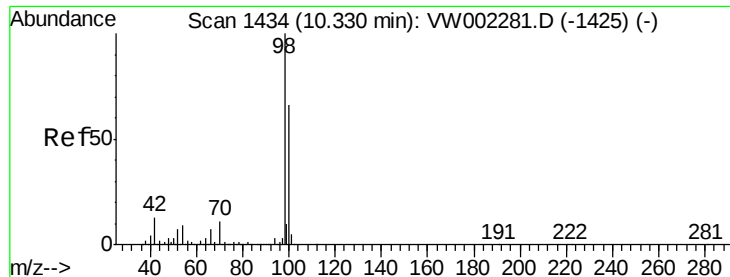


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 26.57 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002364.D

Acq: 10 May 2018 07:35

Instrument :

MSVOA_W

ClientSampleId :

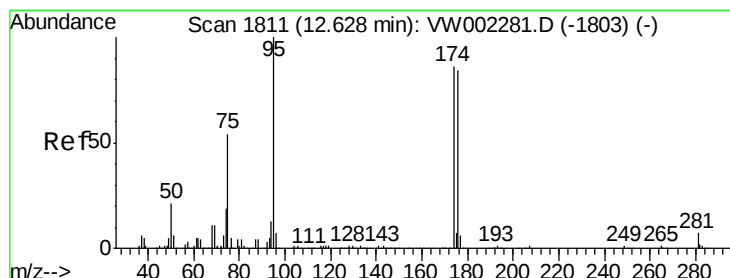
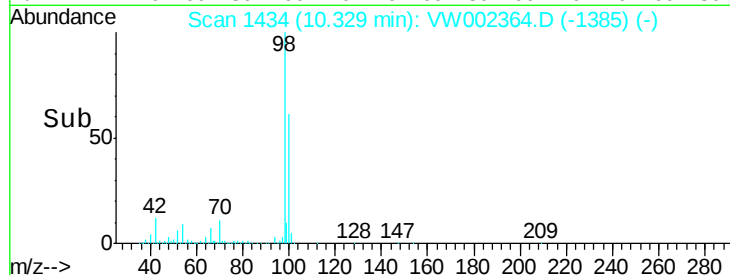
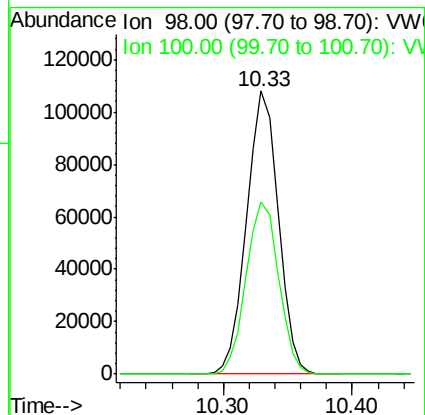
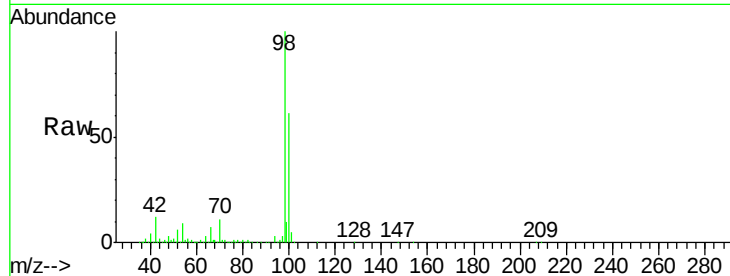
PL-02-050418-CRE

Tgt Ion: 98 Resp: 184029

Ion Ratio Lower Upper

98 100

100 62.6 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 27.05 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002364.D

Acq: 10 May 2018 07:35

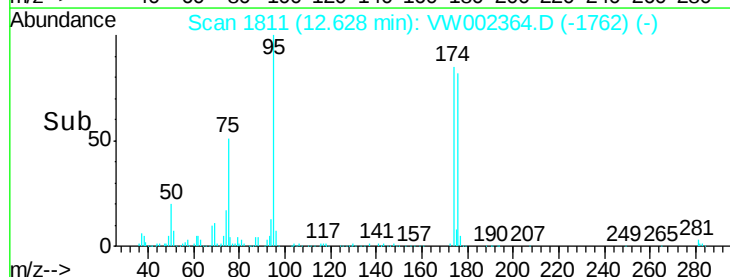
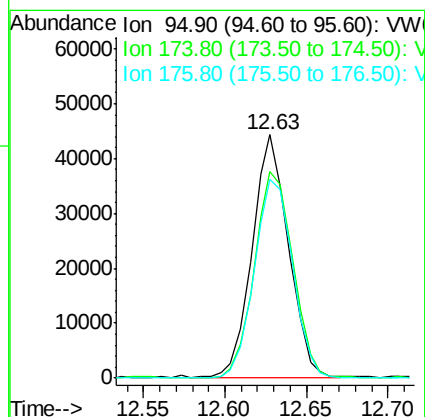
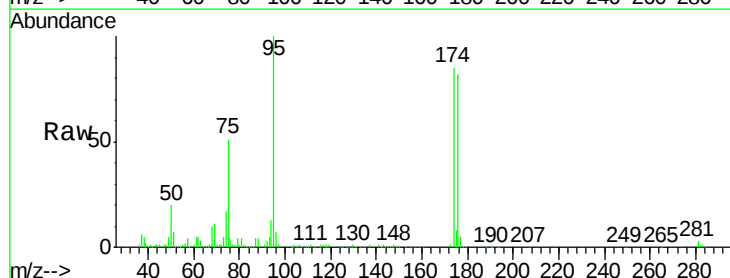
Tgt Ion: 95 Resp: 67726

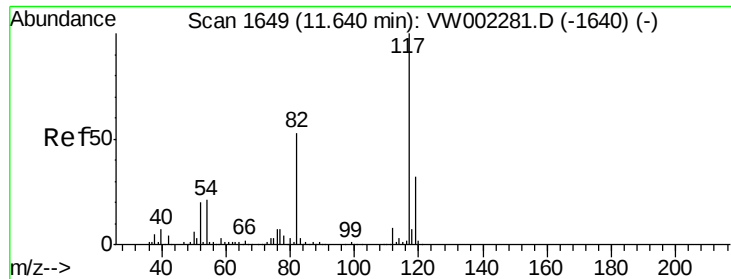
Ion Ratio Lower Upper

95 100

174 90.7 0.0 176.8

176 87.0 0.0 170.4

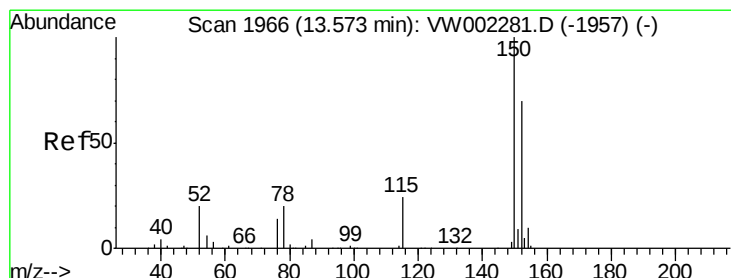
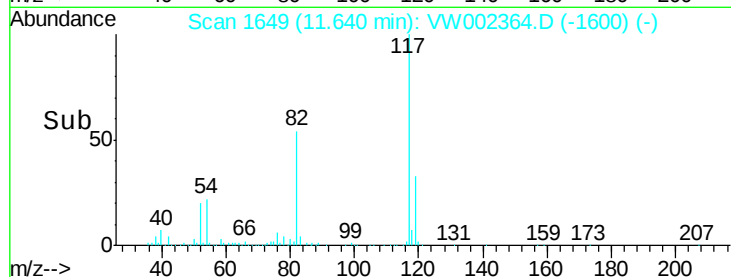
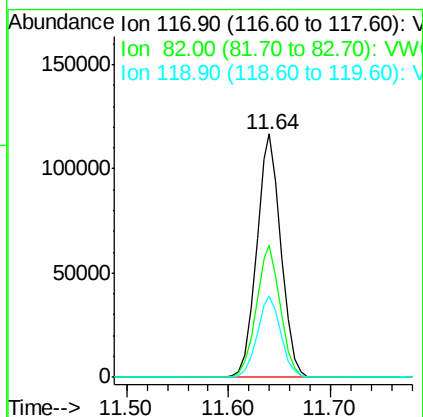
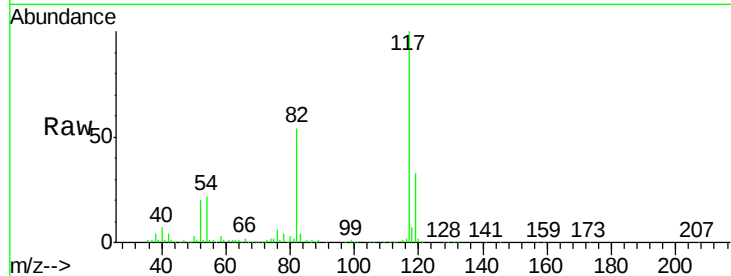




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002364.D
Acq: 10 May 2018 07:35

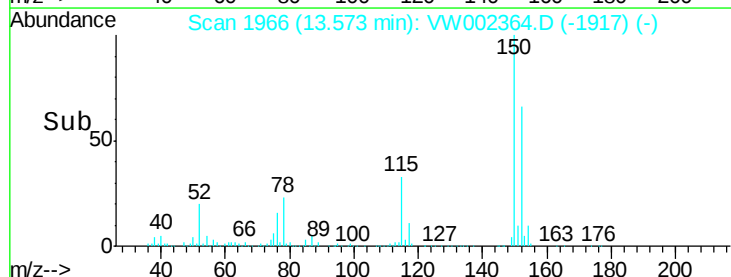
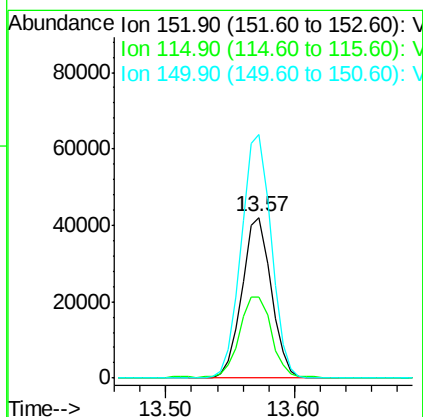
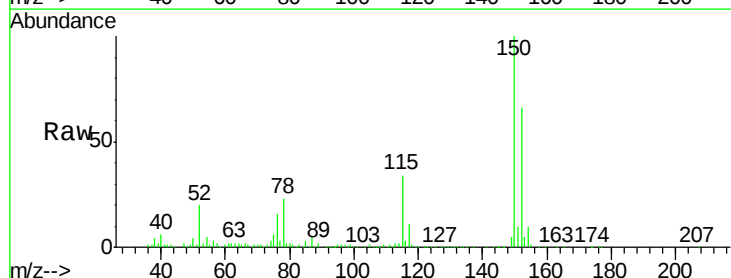
Instrument :
MSVOA_W
ClientSampleId :
PL-02-050418-CRE

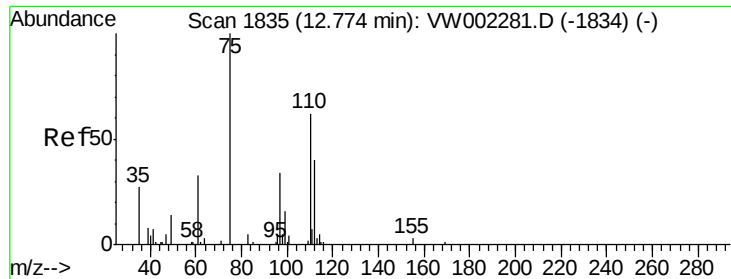
Tgt Ion:117 Resp: 193006
Ion Ratio Lower Upper
117 100
82 54.4 42.6 63.8
119 33.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002364.D
Acq: 10 May 2018 07:35

Tgt Ion:152 Resp: 66145
Ion Ratio Lower Upper
152 100
115 55.1 28.5 85.5
150 155.4 0.0 342.6





#76

1,2,3-Trichloropropane

Concen: 59.53 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002364.D

Acq: 10 May 2018 07:35

Instrument :

MSVOA_W

ClientSampleId :

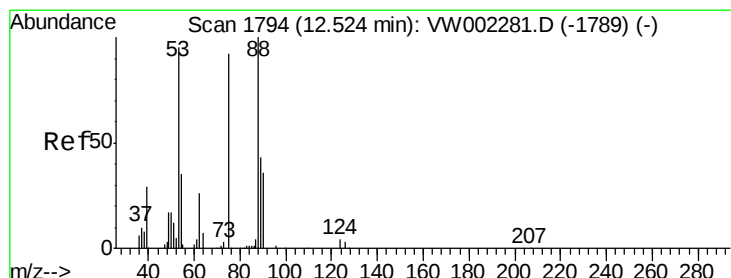
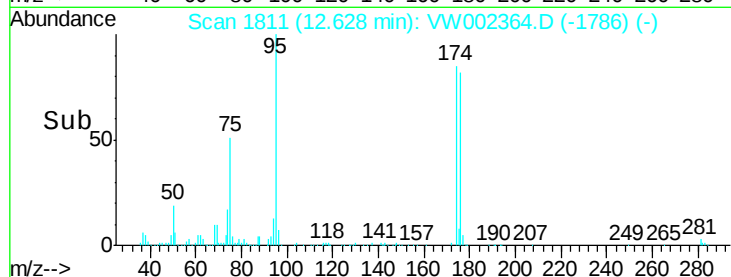
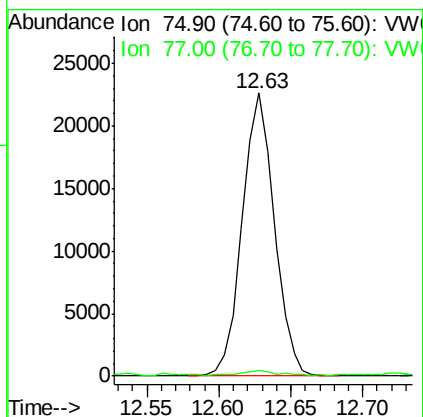
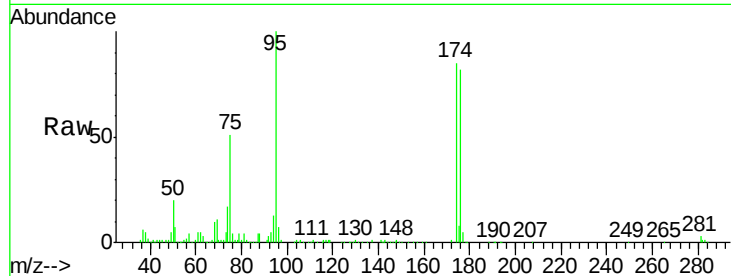
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Tgt Ion: 75 Resp: 34915

Ion Ratio Lower Upper

75 100

77 1.8 187.5 562.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 156.80 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002364.D

Acq: 10 May 2018 07:35

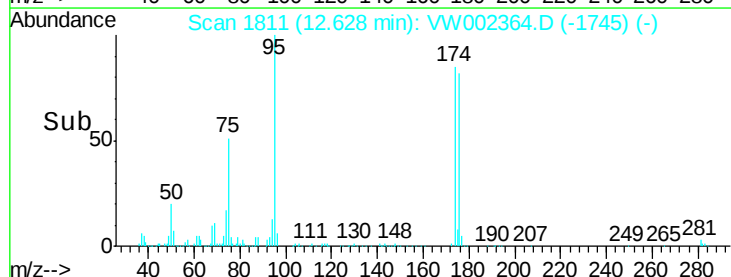
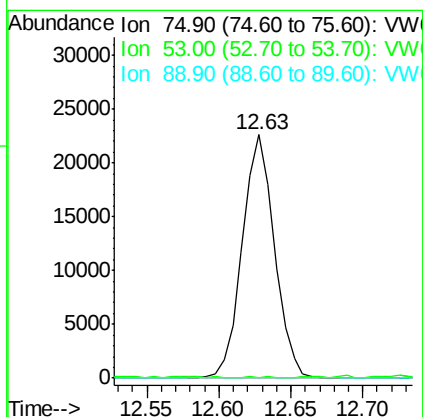
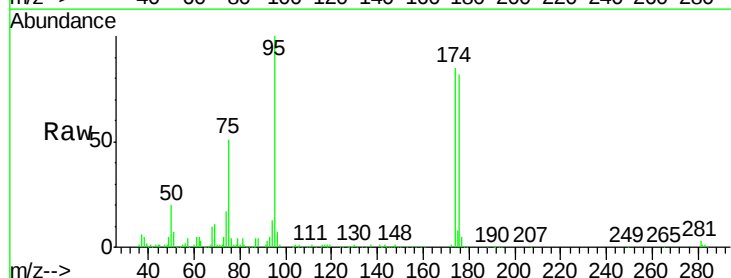
Tgt Ion: 75 Resp: 34915

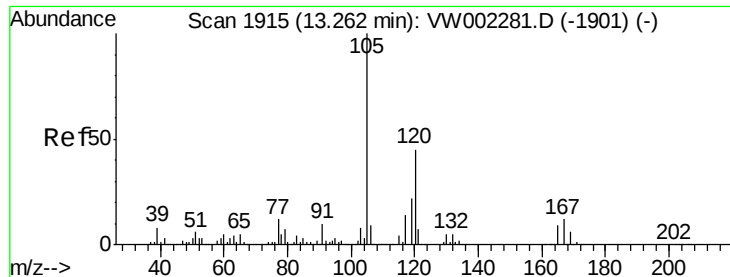
Ion Ratio Lower Upper

75 100

53 0.3 79.9 119.9#

89 0.0 37.6 56.4#

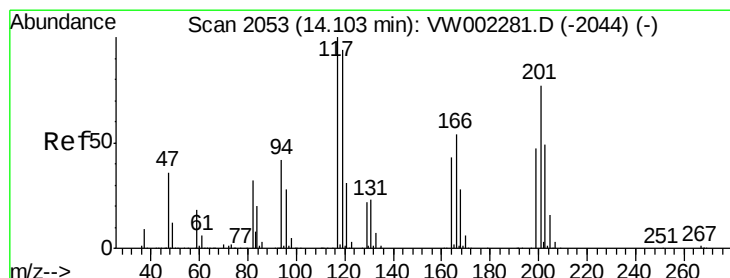
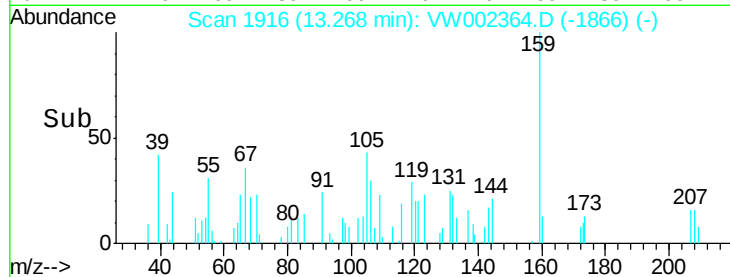
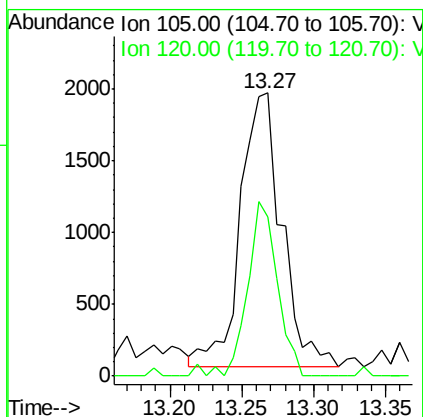
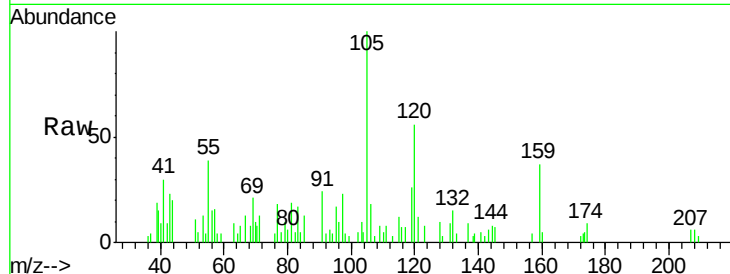




#84
 1,2,4-Trimethylbenzene
 Concen: 1.01 ug/l
 RT: 13.27 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW002364.D
 Acq: 10 May 2018 07:35

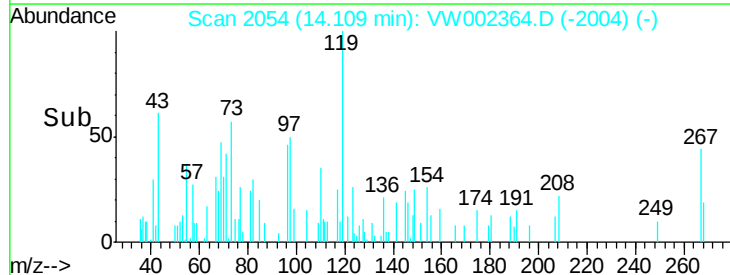
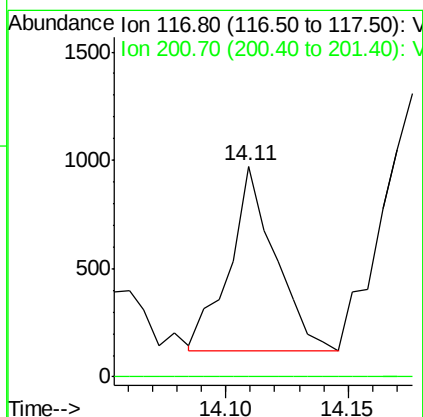
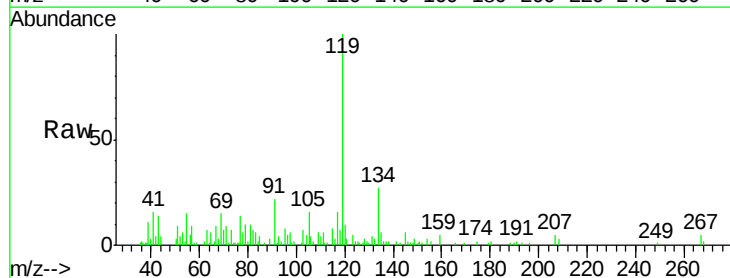
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-050418-CRE

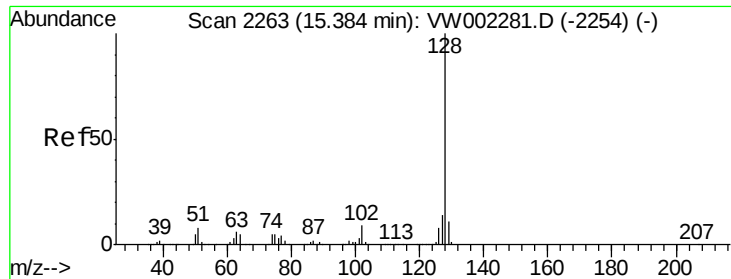
Tgt Ion:105 Resp: 3803
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.5 67.5



#90
 Hexachloroethane
 Concen: 1.55 ug/l
 RT: 14.11 min Scan# 2054
 Delta R.T. 0.01 min
 Lab File: VW002364.D
 Acq: 10 May 2018 07:35

Tgt Ion:117 Resp: 1103
 Ion Ratio Lower Upper
 117 100
 201 0.0 42.2 126.6#





#95
Naphthalene
Concen: 1.76 ug/l
RT: 15.39 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VW002364.D
Acq: 10 May 2018 07:35

Instrument :
MSVOA_W
ClientSampleId :
PL-02-050418-CRE

Tgt Ion:128 Resp: 4506
Ion Ratio Lower Upper
128 100
127 20.7 11.0 16.4#
129 16.1 8.7 13.1#

