

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW050818\
 Data File : VW002315.D
 Acq On : 09 May 2018 01:40
 Operator : JC/SY
 Sample : J2680-01
 Misc : 4.86G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: May 09 08:32:41 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	209169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	322417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	252404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	112272	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	103384	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
35) Dibromofluoromethane	7.88	113	96107	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
50) Toluene-d8	10.33	98	251092	31.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.72%	
62) 4-Bromofluorobenzene	12.63	95	103030	36.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.36%	

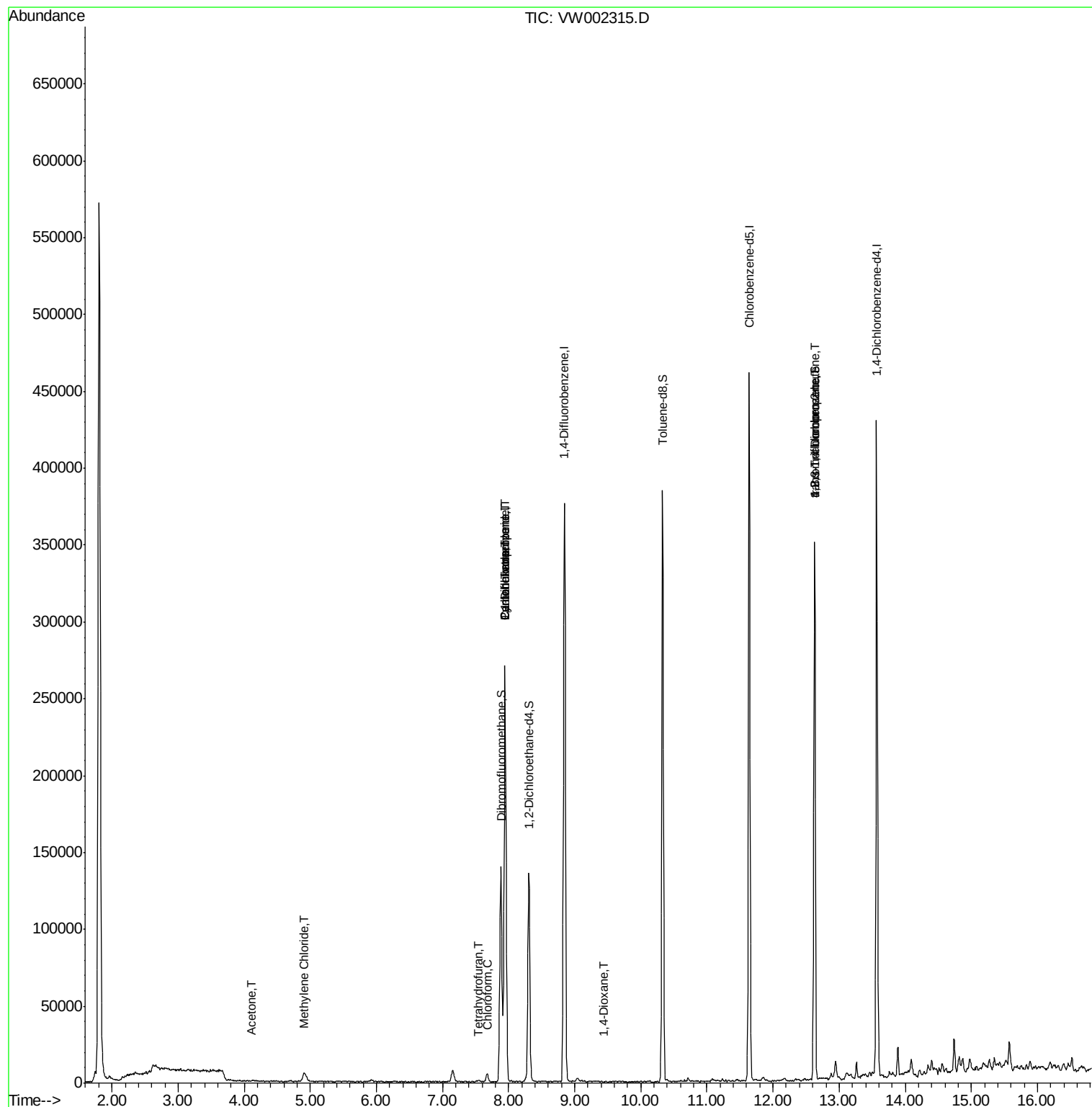
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	1440	3.32	ug/l #	76
20) Methylene Chloride	4.90	84	5013	2.40	ug/l	87
29) Tetrahydrofuran	7.53	42	566	1.34	ug/l #	42
30) Chloroform	7.67	83	4645	1.20	ug/l	95
31) Cyclohexane	7.95	56	4508	1.37	ug/l #	33
36) 1,1-Dichloropropene	7.95	75	15489	5.31	ug/l #	50
38) Carbon Tetrachloride	7.95	117	19628	6.96	ug/l #	15
49) 1,4-Dioxane	9.45	88	20	1.05	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	53825	54.06	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	53825	142.41	ug/l #	10

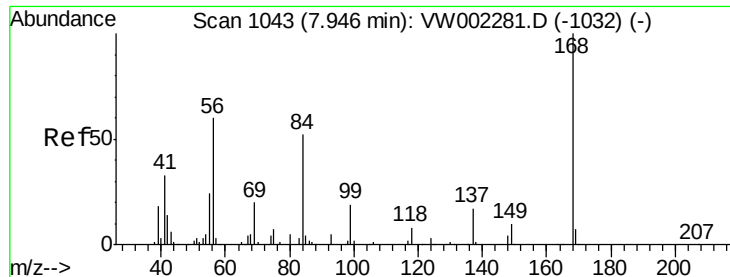
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 08 03:57:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002315.D

Acq: 09 May 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

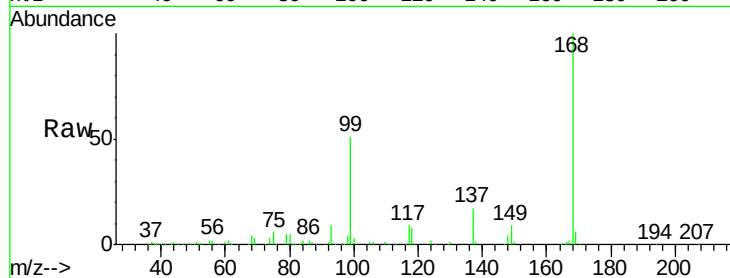
PL-02-050418-A

Tgt Ion:168 Resp: 209169

Ion Ratio Lower Upper

168 100

99 50.6 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

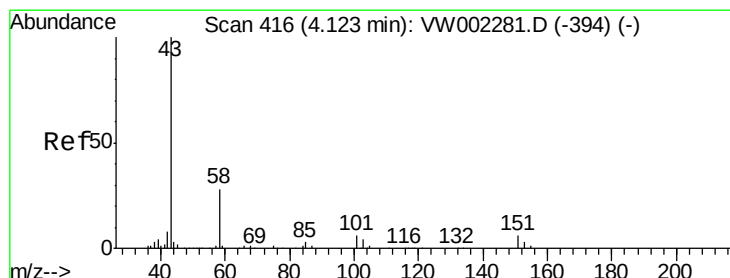
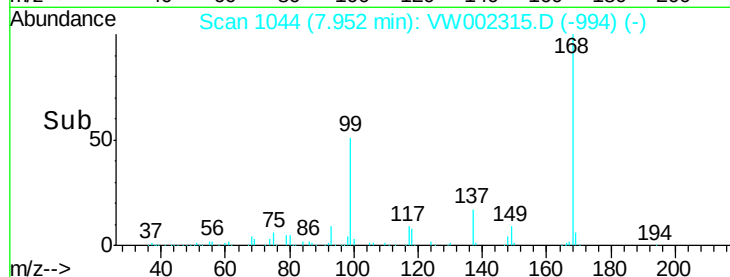
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.32 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW002315.D

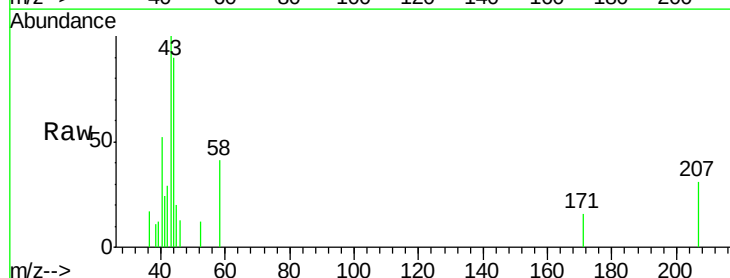
Acq: 09 May 2018 01:40

Tgt Ion: 43 Resp: 1440

Ion Ratio Lower Upper

43 100

58 40.5 22.2 33.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

500

400

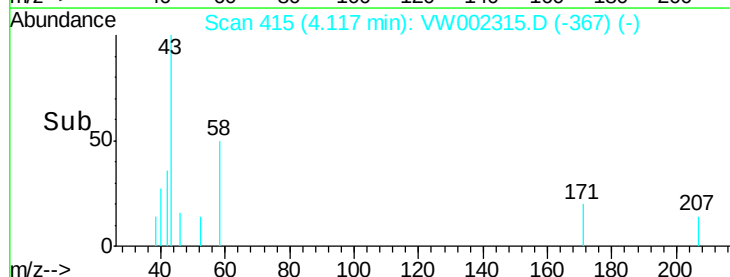
300

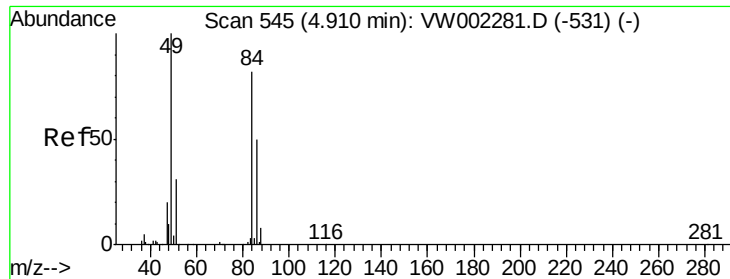
200

100

0

Time-->

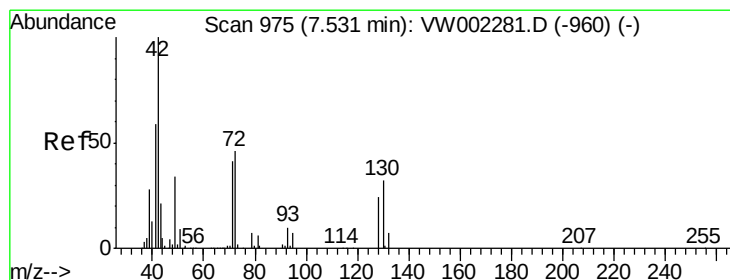
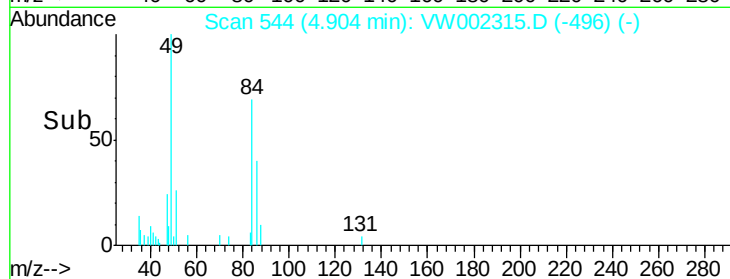
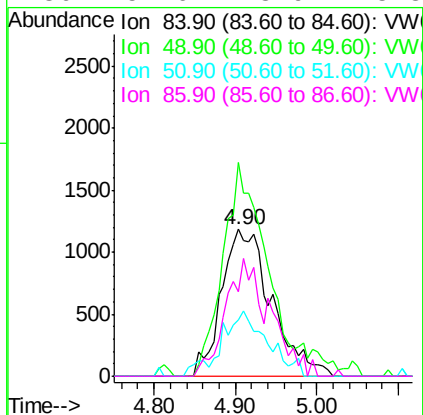
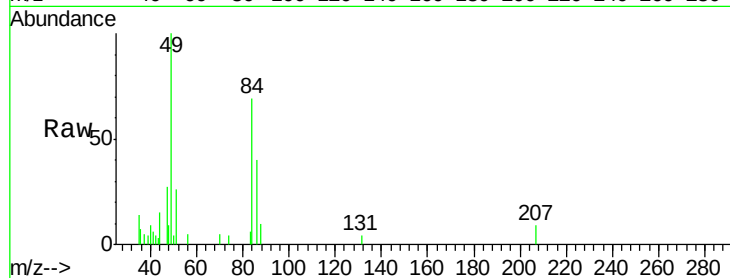




#20
Methylene Chloride
Concen: 2.40 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW002315.D
Acq: 09 May 2018 01:40

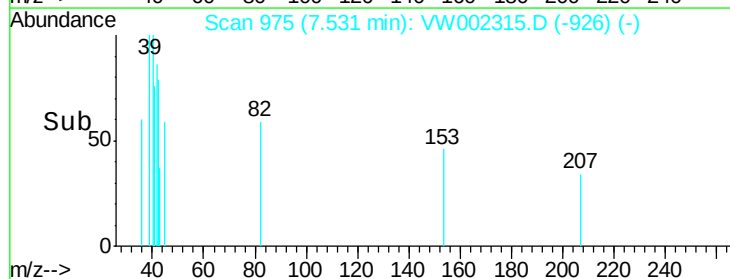
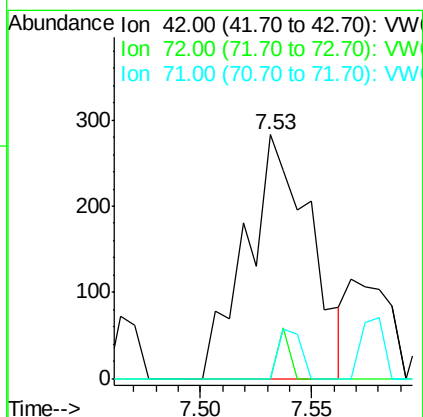
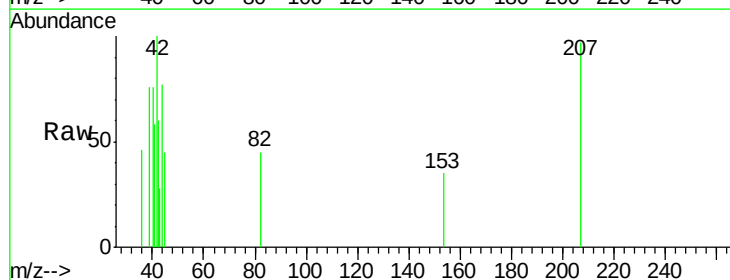
Instrument :
MSVOA_W
ClientSampleId :
PL-02-050418-A

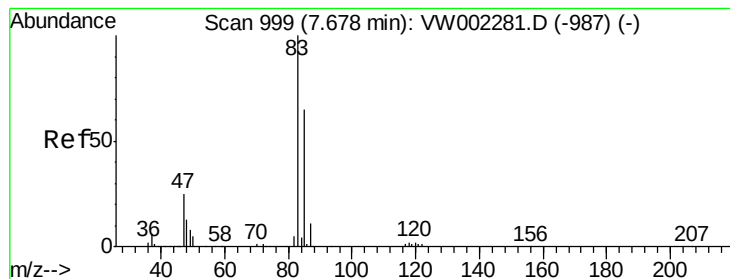
Tgt Ion:	84	Resp:	5013
Ion	Ratio	Lower	Upper
84	100		
49	145.3	97.7	146.5
51	38.2	30.2	45.4
86	57.6	48.9	73.3



#29
Tetrahydrofuran
Concen: 1.34 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW002315.D
Acq: 09 May 2018 01:40

Tgt Ion:	42	Resp:	566
Ion	Ratio	Lower	Upper
42	100		
72	3.9	34.5	51.7#
71	7.1	33.0	49.6#





#30

Chloroform

Concen: 1.20 ug/l

RT: 7.67 min Scan# 998

Delta R.T. -0.01 min

Lab File: VW002315.D

Acq: 09 May 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

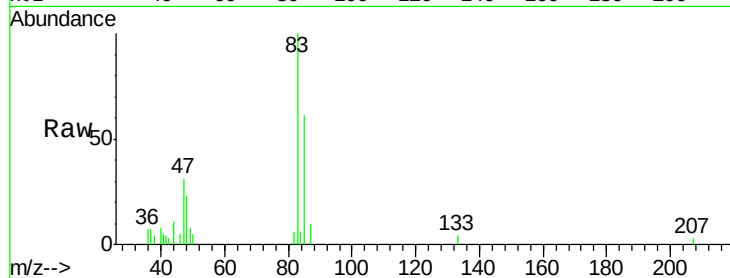
PL-02-050418-A

Tgt Ion: 83 Resp: 4645

Ion Ratio Lower Upper

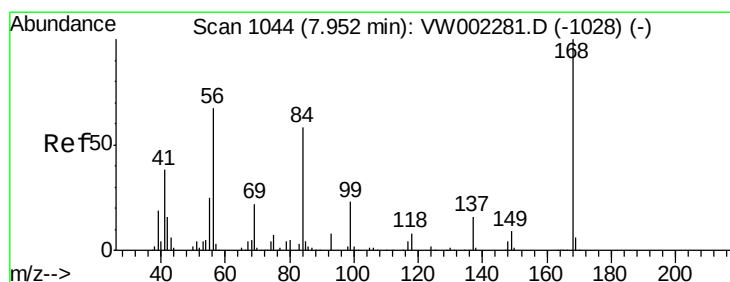
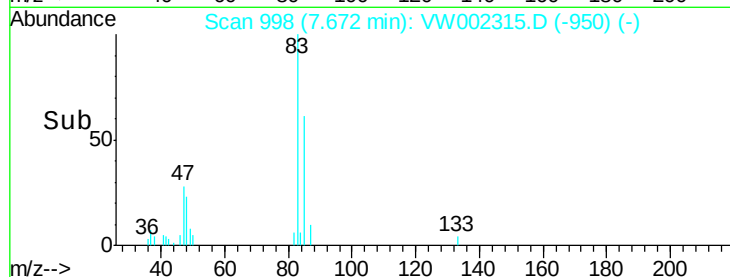
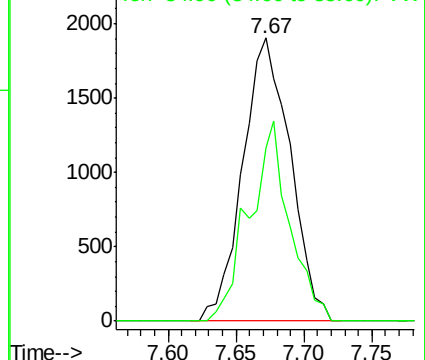
83 100

85 61.1 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW



#31

Cyclohexane

Concen: 1.37 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW002315.D

Acq: 09 May 2018 01:40

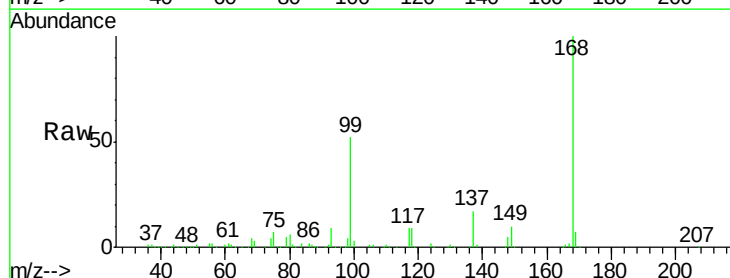
Tgt Ion: 56 Resp: 4508

Ion Ratio Lower Upper

56 100

69 139.0 26.2 39.4#

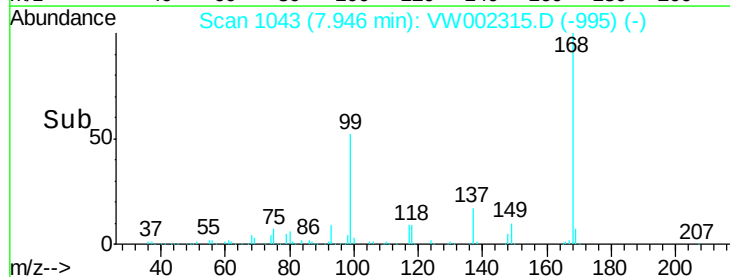
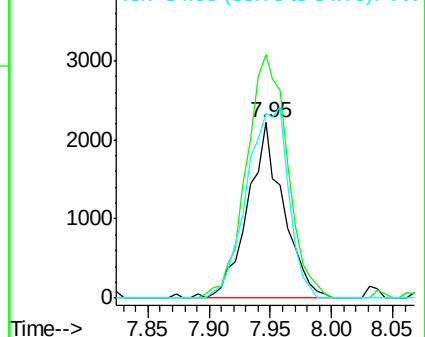
84 105.7 69.2 103.8#

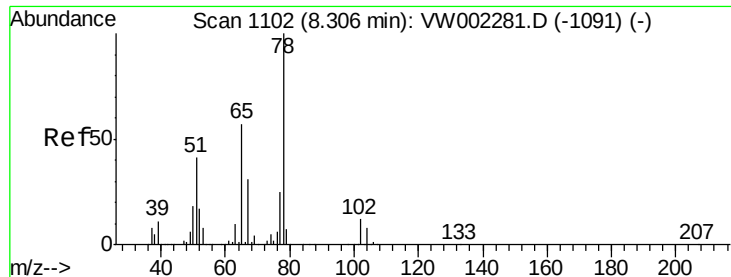


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

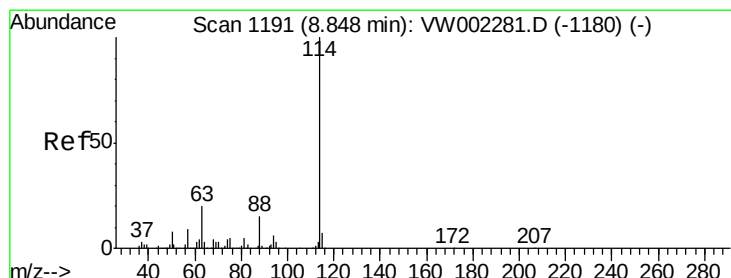
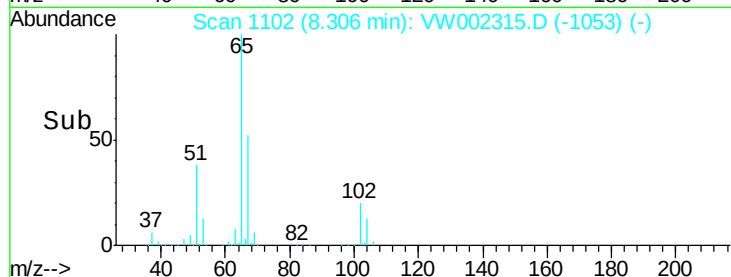
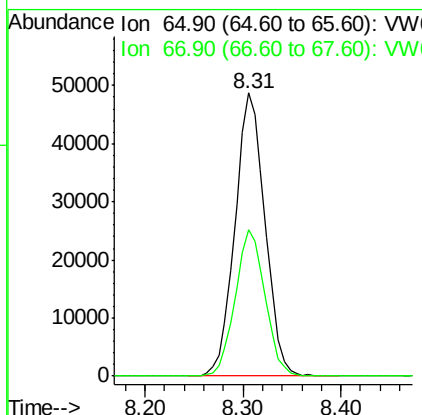
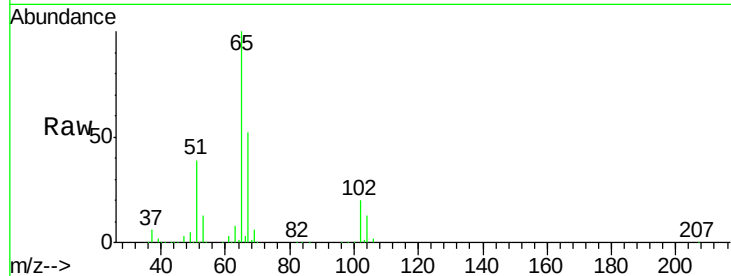




#33
 1,2-Dichloroethane-d4
 Concen: 46.54 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW002315.D
 Acq: 09 May 2018 01:40

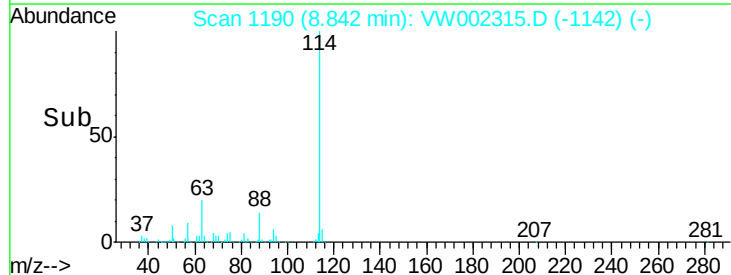
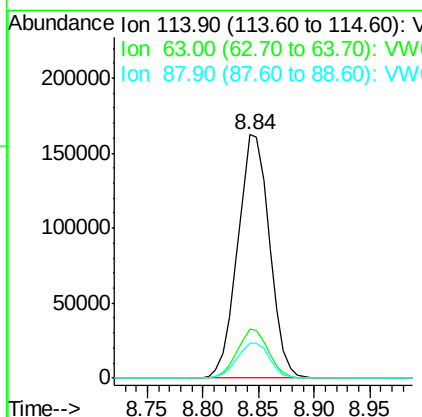
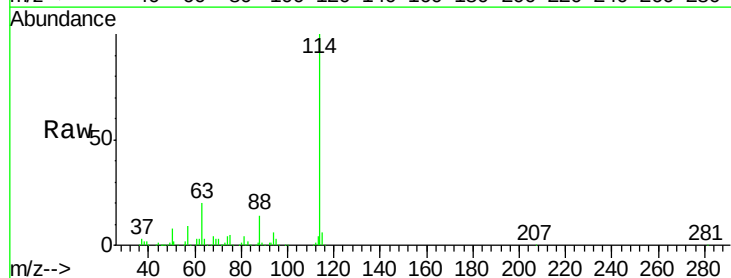
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-050418-A

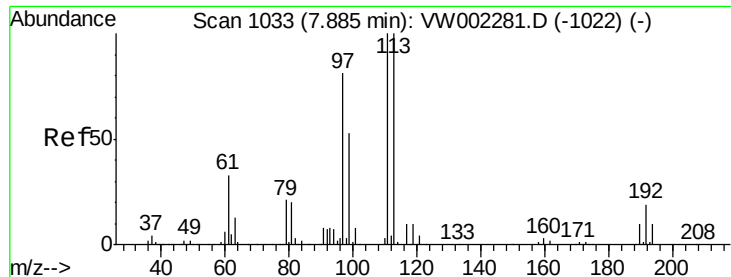
Tgt Ion: 65 Resp: 103384
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW002315.D
 Acq: 09 May 2018 01:40

Tgt Ion: 114 Resp: 322417
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 14.4 0.0 29.6

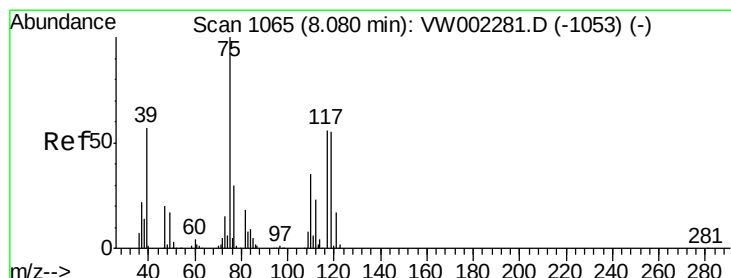
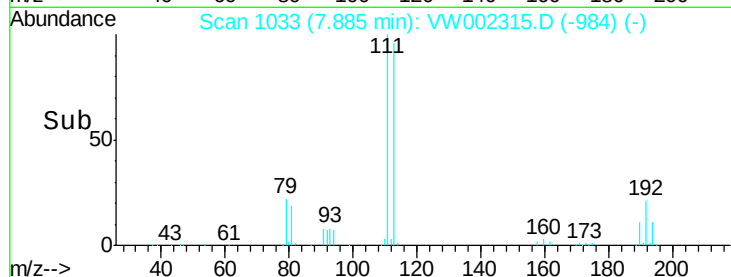
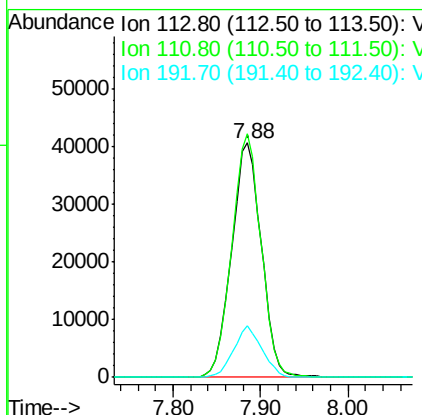
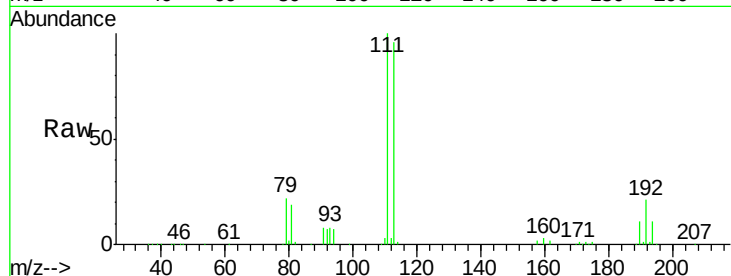




#35
 Dibromofluoromethane
 Concen: 46.51 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW002315.D
 Acq: 09 May 2018 01:40

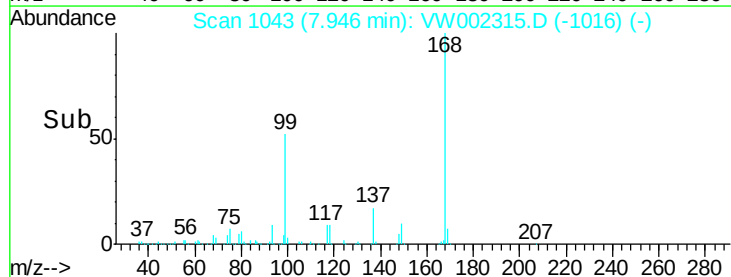
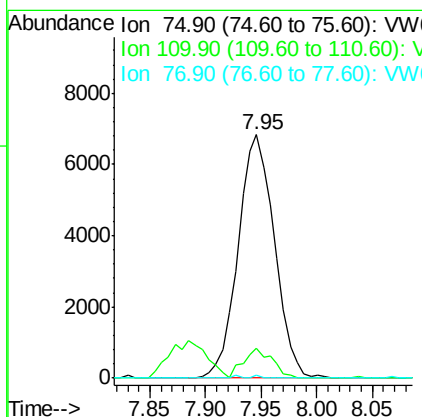
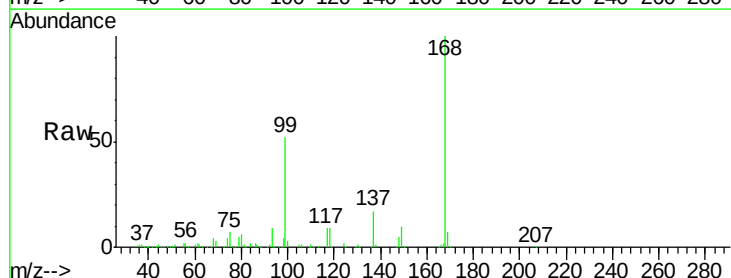
Instrument :
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 ClientSampleId :
 PL-02-050418-A

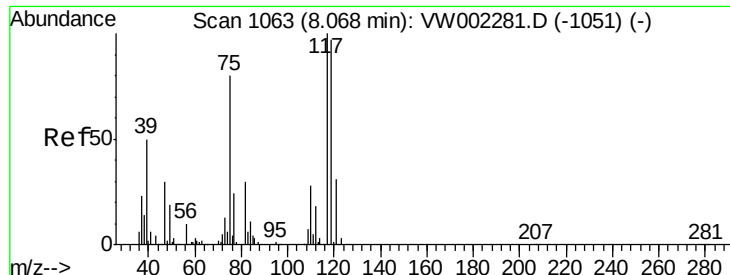
Tgt Ion: 113 Resp: 96107
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.5 122.3
 192 20.9 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 5.31 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002315.D
 Acq: 09 May 2018 01:40

Tgt Ion: 75 Resp: 15489
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.1 54.1#
 77 0.2 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.96 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW002315.D

Acq: 09 May 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

PL-02-050418-A

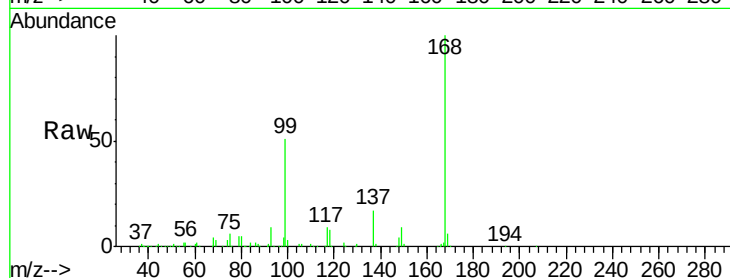
Tgt Ion:117 Resp: 19628

Ion Ratio Lower Upper

117 100

119 4.1 77.5 116.3#

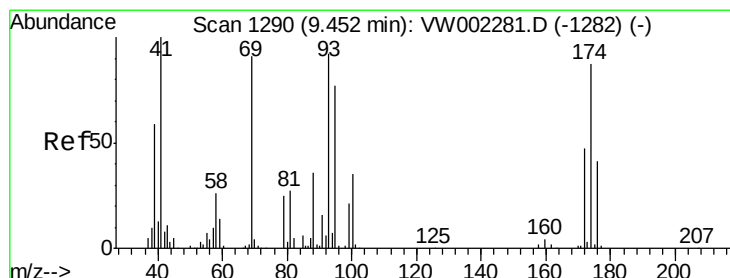
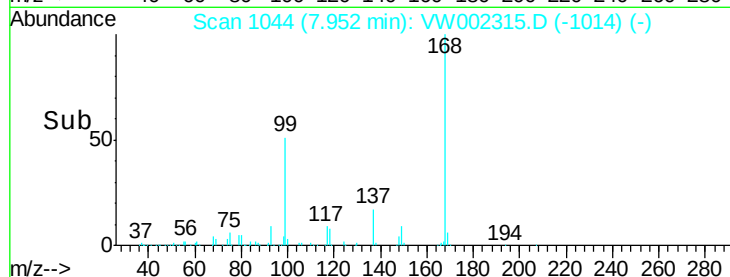
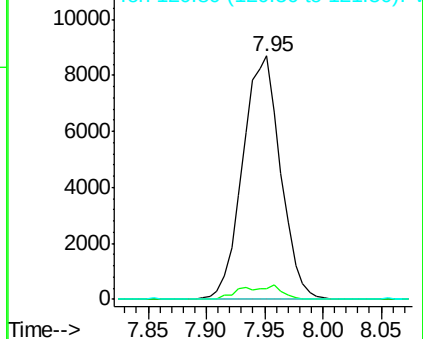
121 0.0 24.4 36.6#



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: 1.05 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VW002315.D

Acq: 09 May 2018 01:40

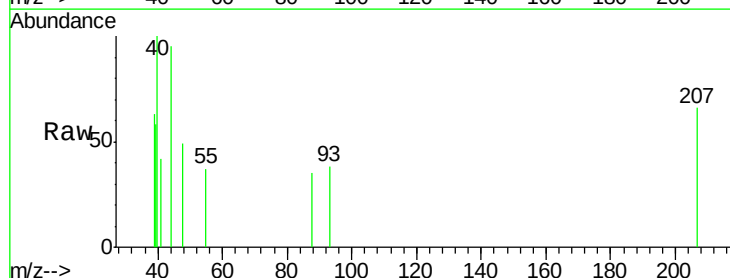
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 0.0 26.3 39.5#

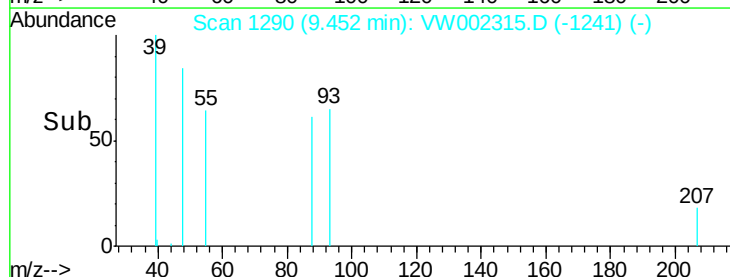
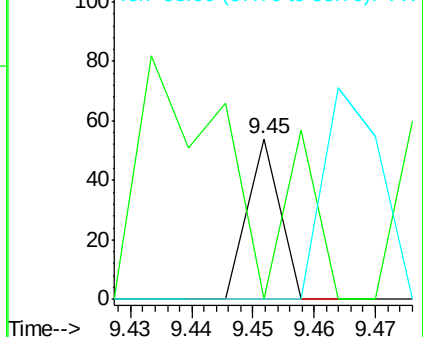
58 230.0 56.0 84.0#

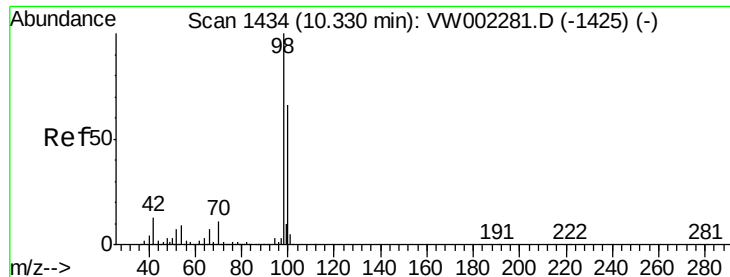


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 31.86 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW002315.D

Acq: 09 May 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

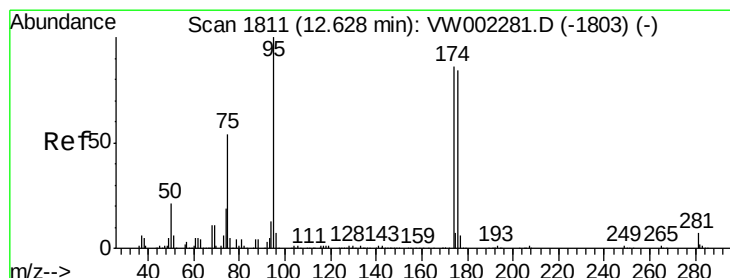
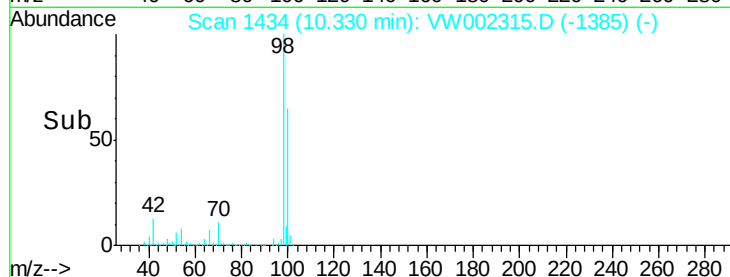
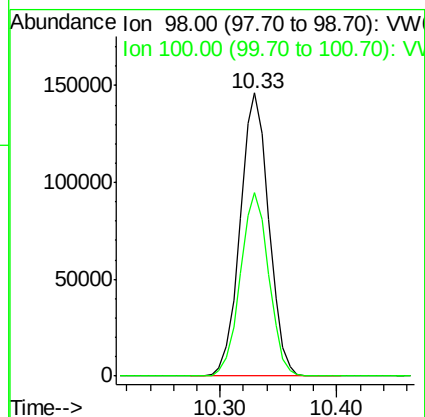
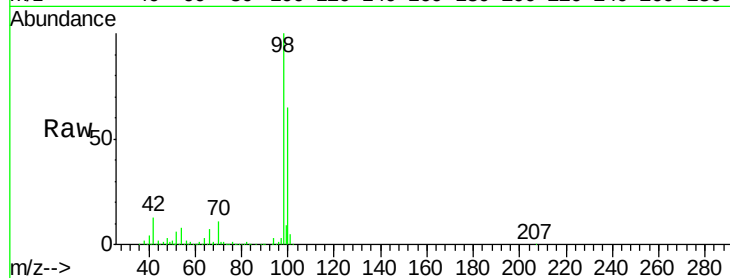
PL-02-050418-A

Tgt Ion: 98 Resp: 251092

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 36.18 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW002315.D

Acq: 09 May 2018 01:40

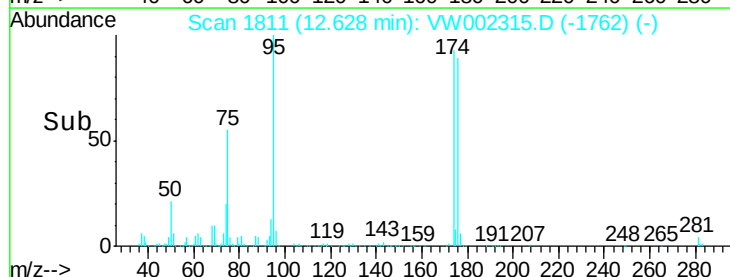
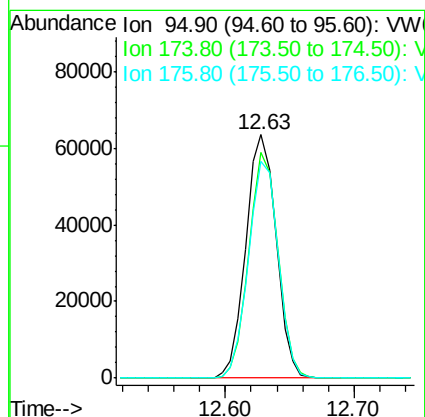
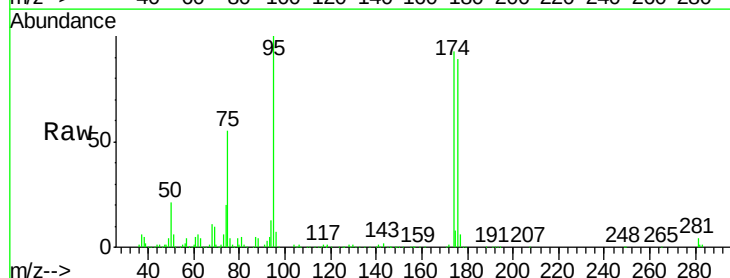
Tgt Ion: 95 Resp: 103030

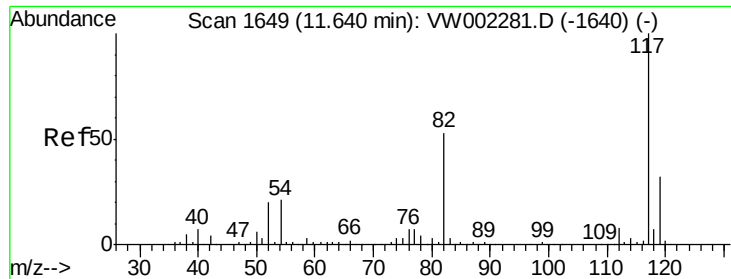
Ion Ratio Lower Upper

95 100

174 89.7 0.0 176.8

176 87.9 0.0 170.4

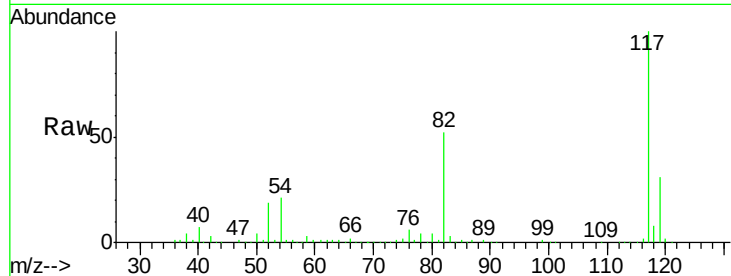




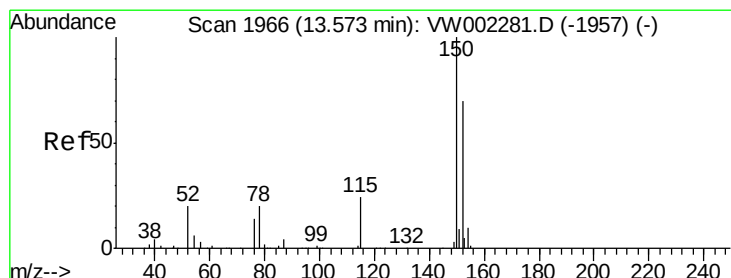
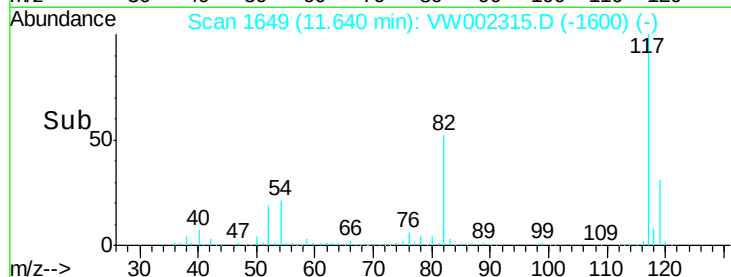
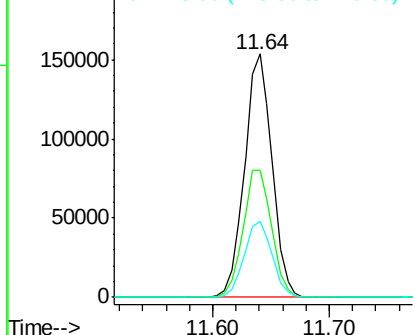
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW002315.D
Acq: 09 May 2018 01:40

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

Tgt Ion:117 Resp: 252404
Ion Ratio Lower Upper
117 100
82 52.0 42.6 63.8
119 31.3 25.2 37.8

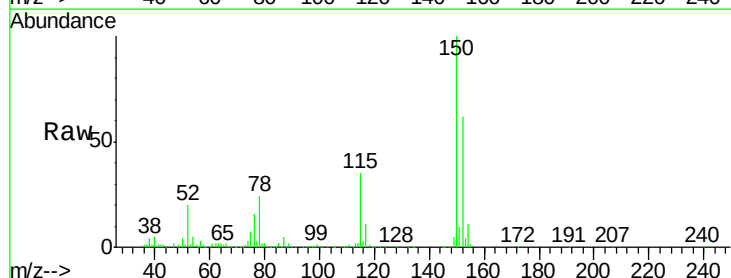


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

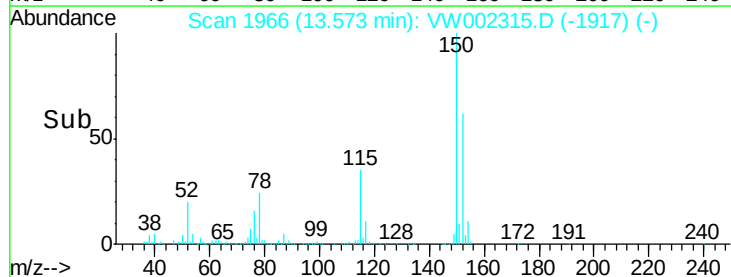
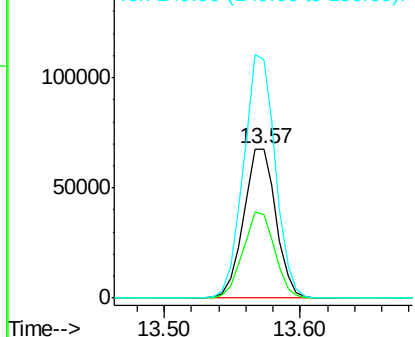


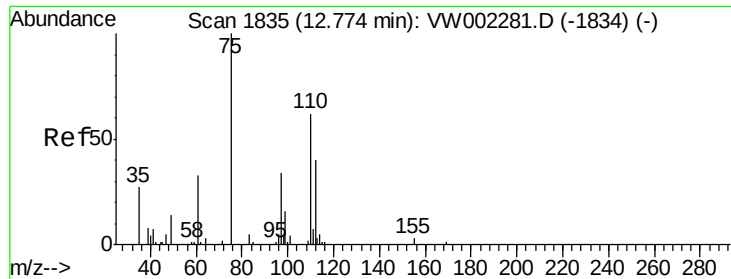
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VW002315.D
Acq: 09 May 2018 01:40

Tgt Ion:152 Resp: 112272
Ion Ratio Lower Upper
152 100
115 56.6 28.5 85.5
150 160.6 0.0 342.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 54.06 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002315.D

Acq: 09 May 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

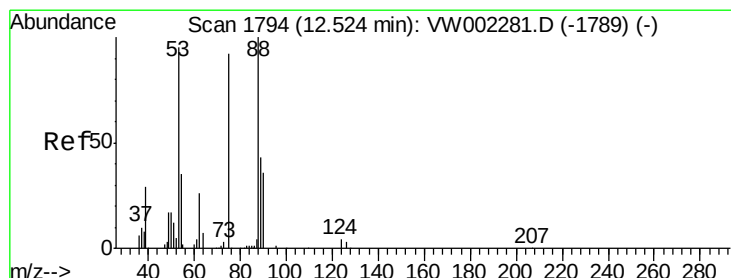
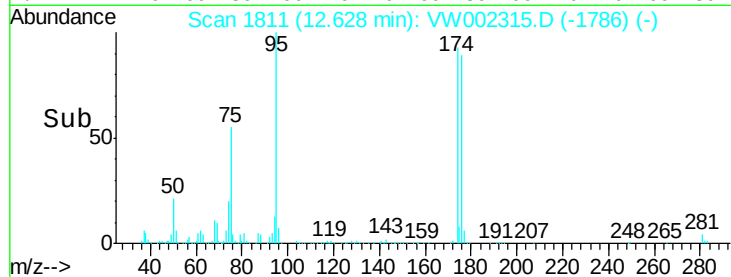
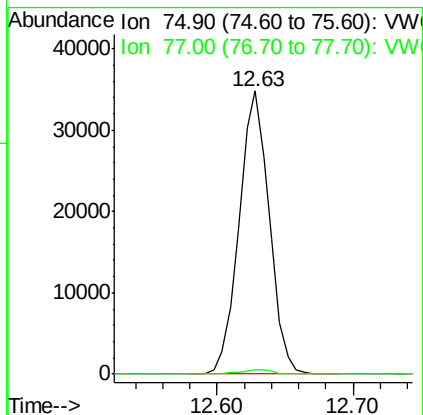
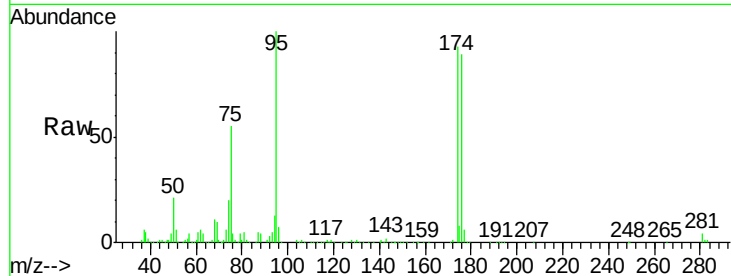
PL-02-050418-A

Tgt Ion: 75 Resp: 53825

Ion Ratio Lower Upper

75 100

77 1.9 187.5 562.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 142.41 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002315.D

Acq: 09 May 2018 01:40

Tgt Ion: 75 Resp: 53825

Ion Ratio Lower Upper

75 100

53 0.0 79.9 119.9#

89 0.0 37.6 56.4#

