

Data File : VW002345.D
Acq On : 09 May 2018 23:40
Operator : JC/SY
Sample : VW0509SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBL01

Quant Time: May 10 05:48:48 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	212379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	335551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	311989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	161555	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	118423	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
35) Dibromofluoromethane	7.88	113	107695	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	10.33	98	408179	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.63	95	143895	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	

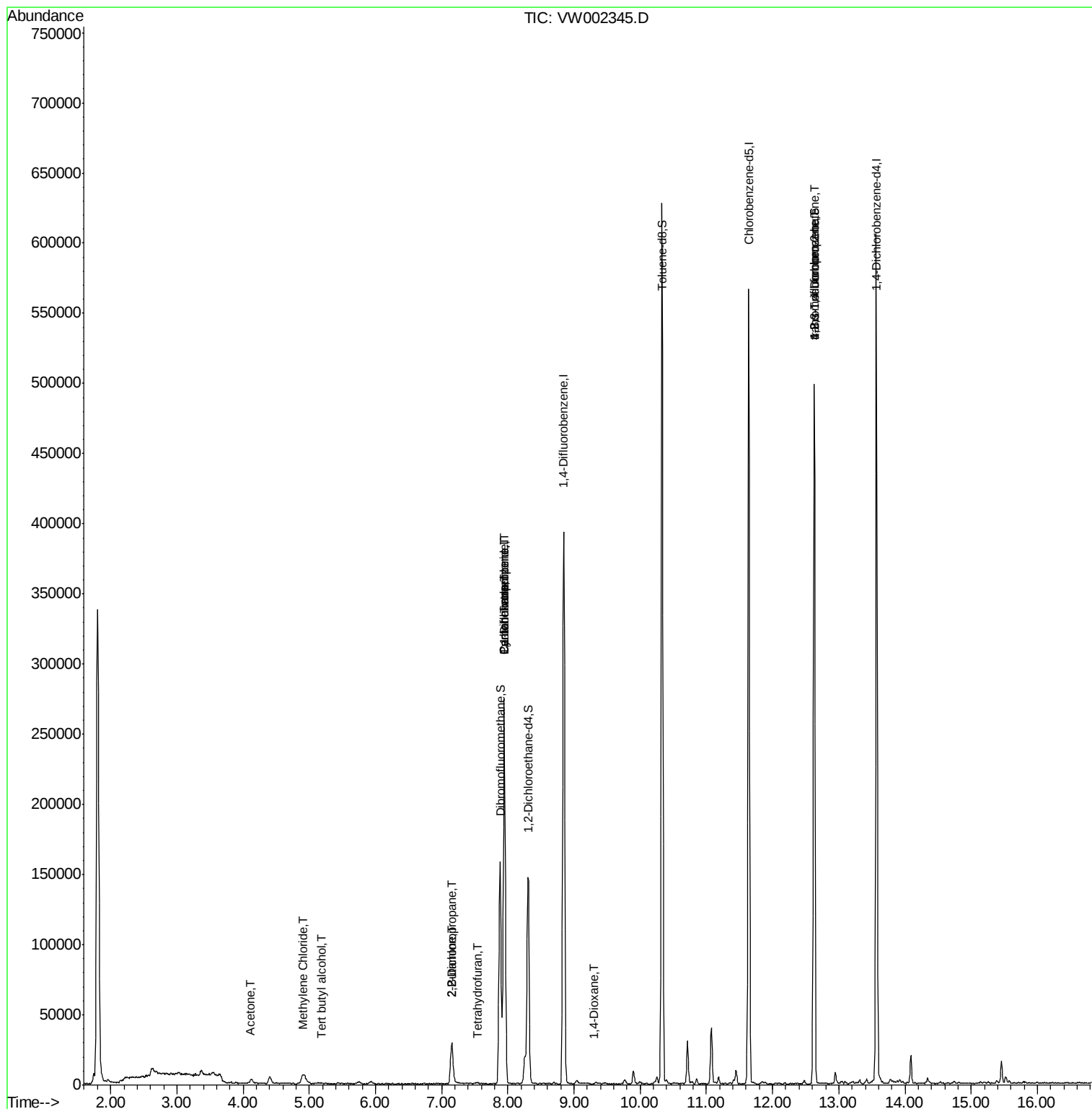
Target Compounds						Qvalue
11) Tert butyl alcohol	5.18	59	666	4.06	ug/l	# 57
16) Acetone	4.12	43	5727	13.00	ug/l	90
20) Methylene Chloride	4.90	84	6138	2.89	ug/l	97
25) 2-Butanone	7.15	43	2160	3.30	ug/l	99
26) 2,2-Dichloropropane	7.15	77	2423	1.29	ug/l	# 50
29) Tetrahydrofuran	7.54	42	664	1.55	ug/l	# 51
31) Cyclohexane	7.95	56	4507	1.34	ug/l	# 1
36) 1,1-Dichloropropene	7.94	75	15860	5.23	ug/l	# 50
38) Carbon Tetrachloride	7.95	117	20177	6.88	ug/l	# 16
49) 1,4-Dioxane	9.30	88	25	1.27	ug/l	# 18
76) 1,2,3-Trichloropropane	12.63	75	74598	52.07	ug/l	# 1
81) trans-1,4-Dichloro-2-buten	12.63	75	74598	137.16	ug/l	# 10

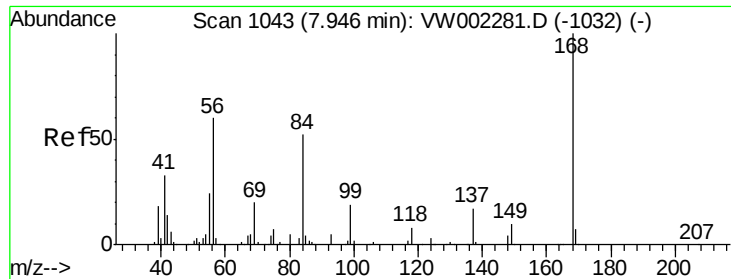
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 10 05:48:48 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

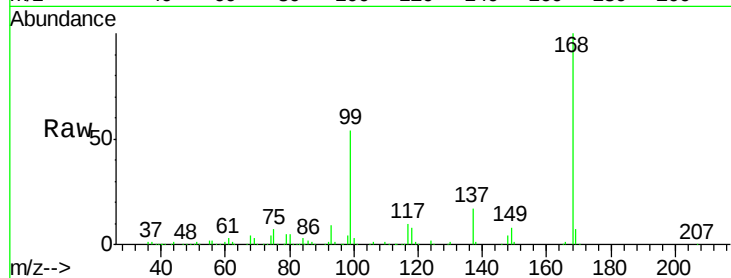
VW0509SBL01

Tgt Ion:168 Resp: 212379

Ion Ratio Lower Upper

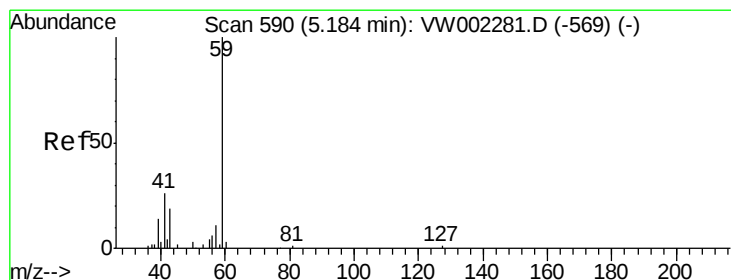
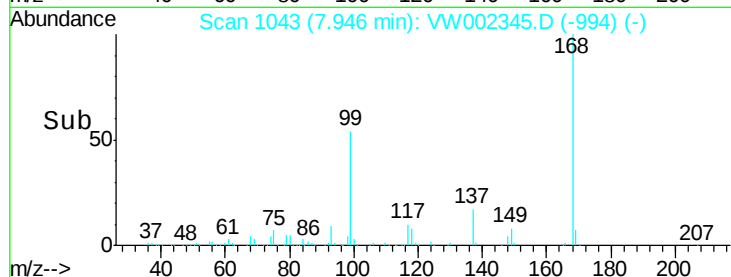
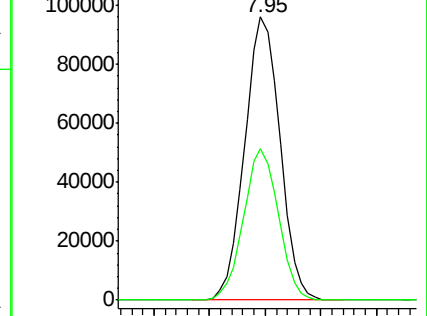
168 100

99 53.5 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: 4.06 ug/l

RT: 5.18 min Scan# 589

Delta R.T. -0.01 min

Lab File: VW002345.D

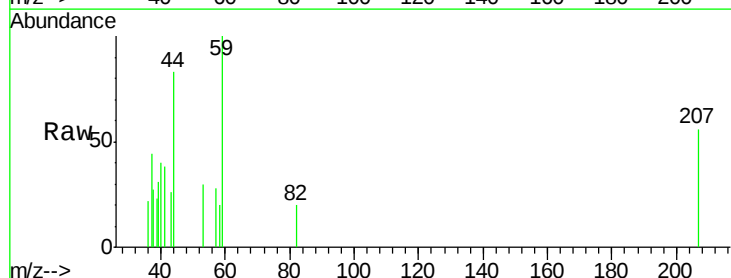
Acq: 09 May 2018 23:40

Tgt Ion: 59 Resp: 666

Ion Ratio Lower Upper

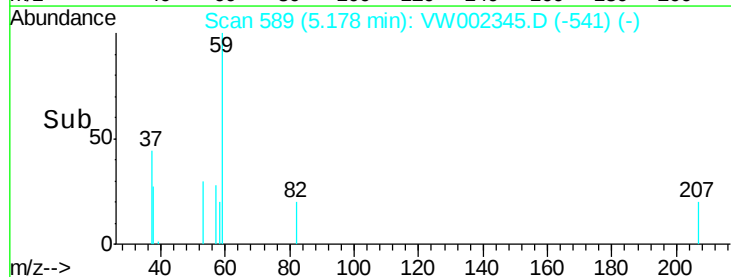
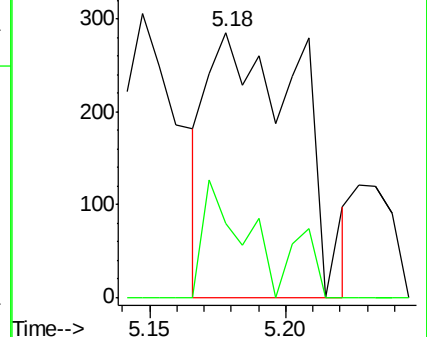
59 100

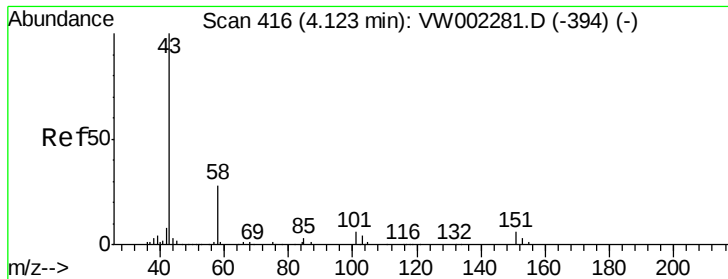
57 19.1 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 13.00 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW002345.D

Acq: 09 May 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

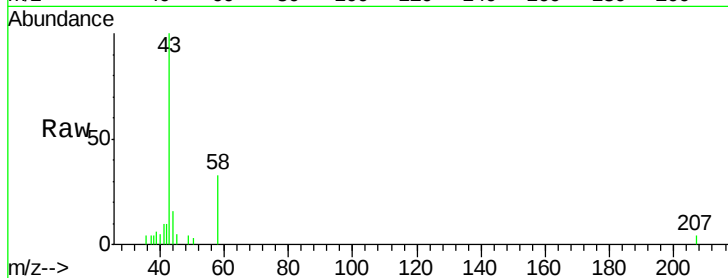
VW0509SBL01

Tgt Ion: 43 Resp: 5727

Ion Ratio Lower Upper

43 100

58 32.9 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

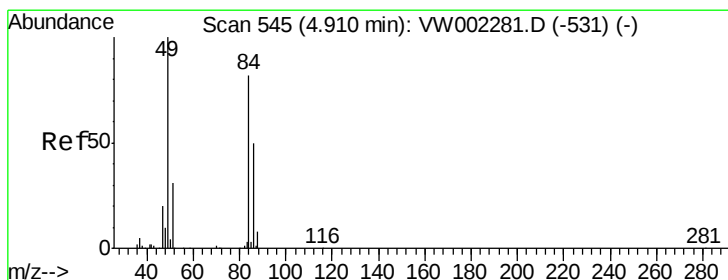
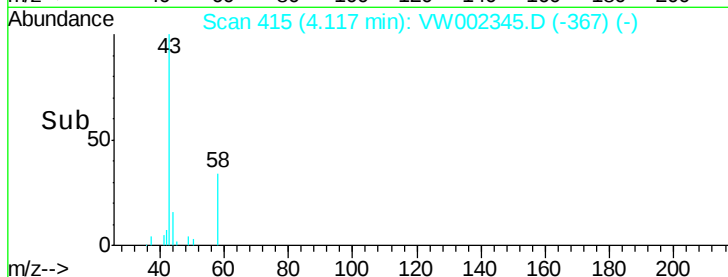
1500

1000

500

0

Time--> 4.00 4.10 4.20



#20

Methylene Chloride

Concen: 2.89 ug/l

RT: 4.90 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW002345.D

Acq: 09 May 2018 23:40

Tgt Ion: 84 Resp: 6138

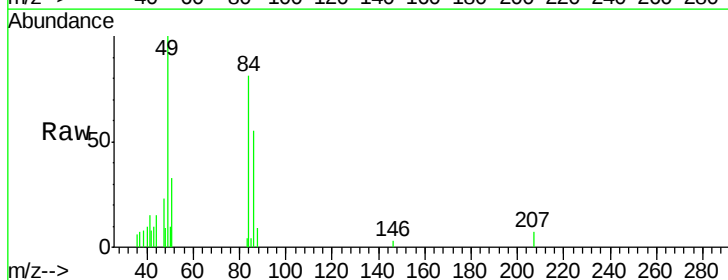
Ion Ratio Lower Upper

84 100

49 118.8 97.7 146.5

51 40.8 30.2 45.4

86 61.6 48.9 73.3



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.90

2500

2000

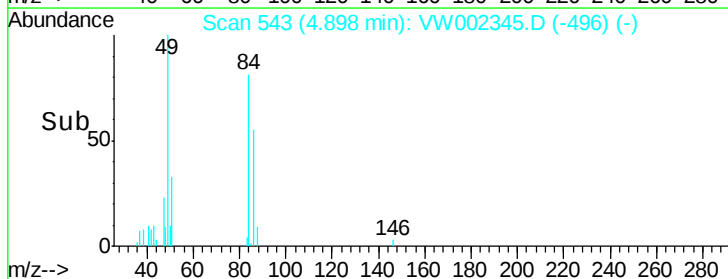
1500

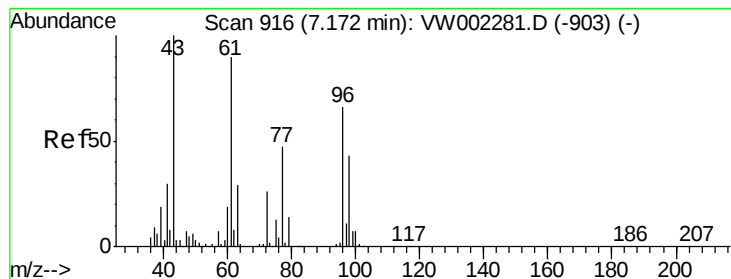
1000

500

0

Time--> 4.80 4.90 5.00





#25

2-Butanone

Concen: 3.30 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.02 min

Lab File: VW002345.D

Acq: 09 May 2018 23:40

Instrument :

MSVOA_W

ClientSampled :

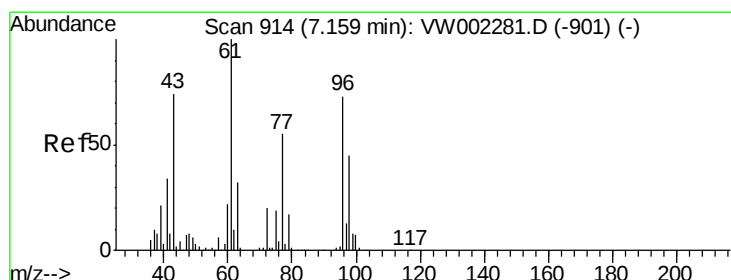
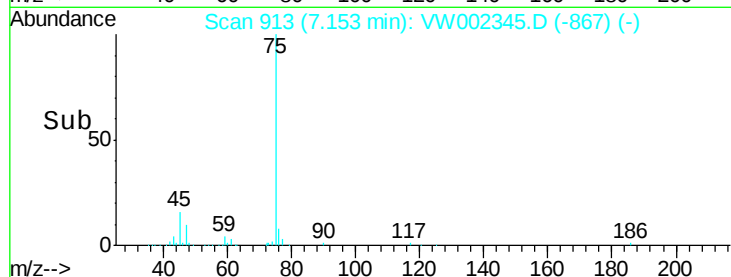
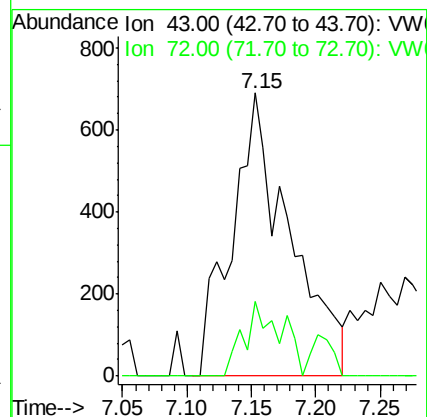
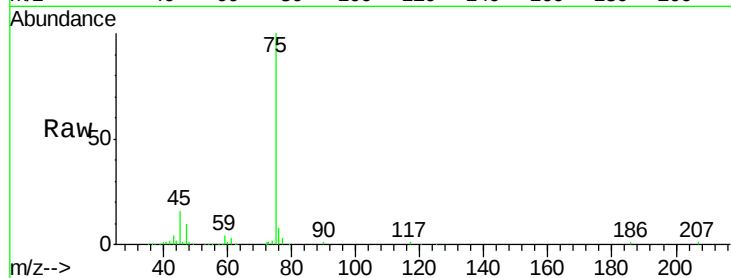
VW0509SBL01

Tgt Ion: 43 Resp: 2160

Ion Ratio Lower Upper

43 100

72 26.5 20.6 31.0



#26

2,2-Dichloropropane

Concen: 1.29 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VW002345.D

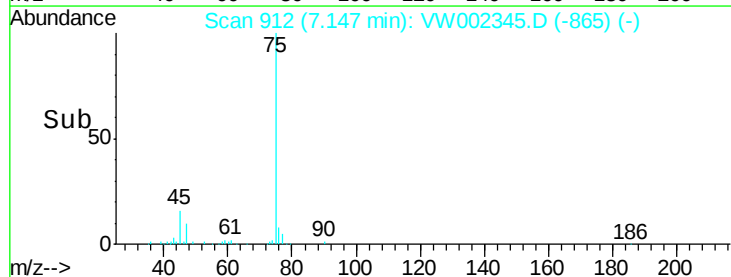
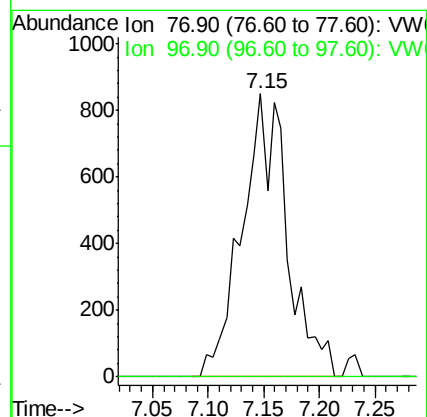
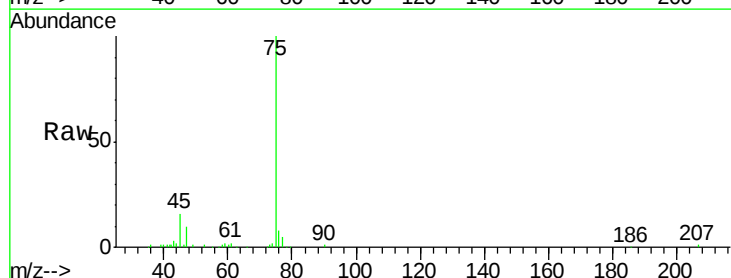
Acq: 09 May 2018 23:40

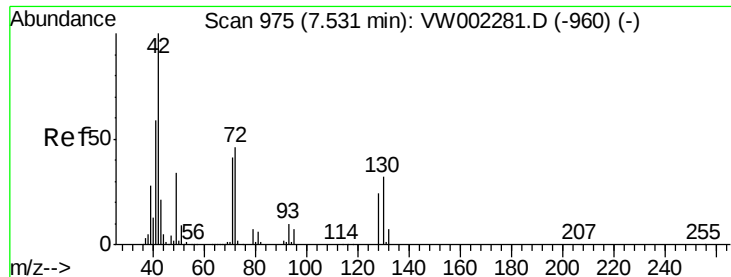
Tgt Ion: 77 Resp: 2423

Ion Ratio Lower Upper

77 100

97 0.0 12.7 38.0#





#29

Tetrahydrofuran

Concen: 1.55 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.01 min

Lab File: VW002345.D

Acq: 09 May 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBL01

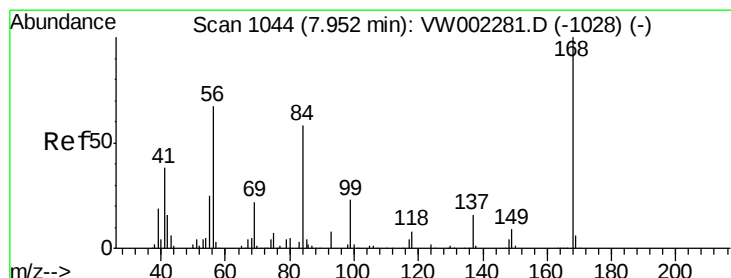
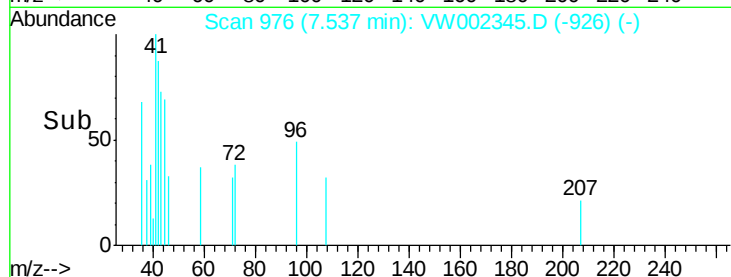
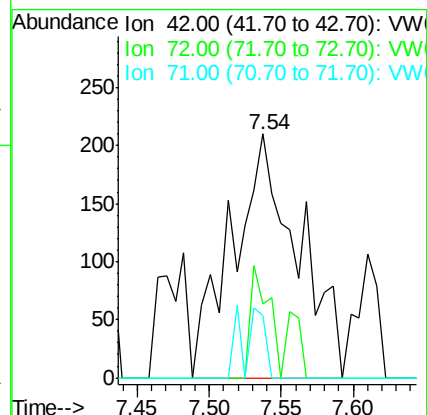
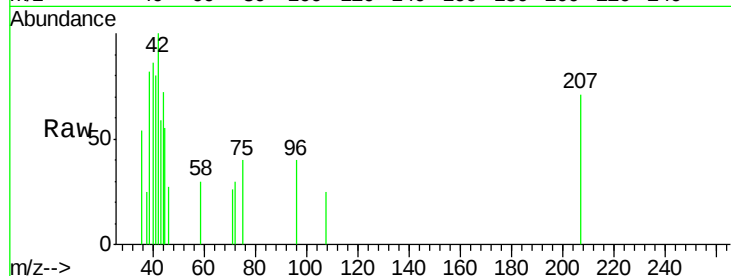
Tgt Ion: 42 Resp: 664

Ion Ratio Lower Upper

42 100

72 12.7 34.5 51.7#

71 9.6 33.0 49.6#



#31

Cyclohexane

Concen: 1.34 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW002345.D

Acq: 09 May 2018 23:40

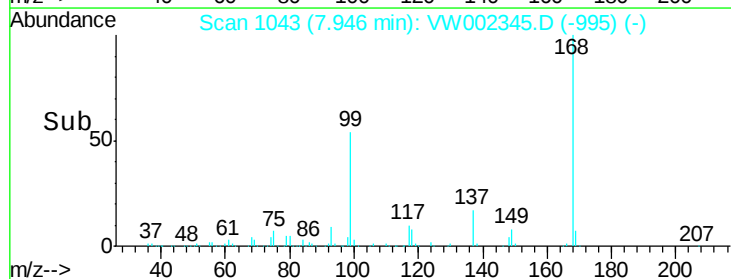
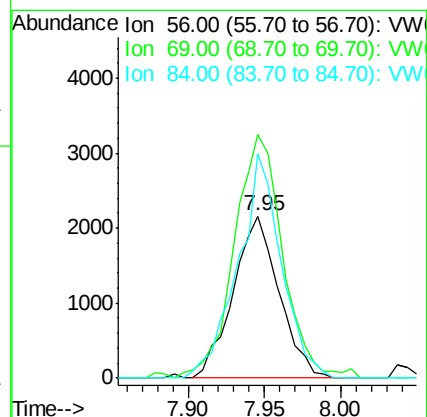
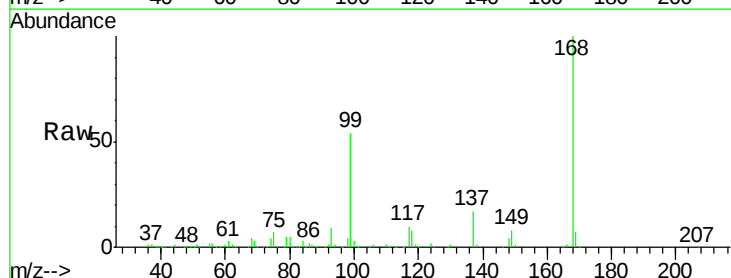
Tgt Ion: 56 Resp: 4507

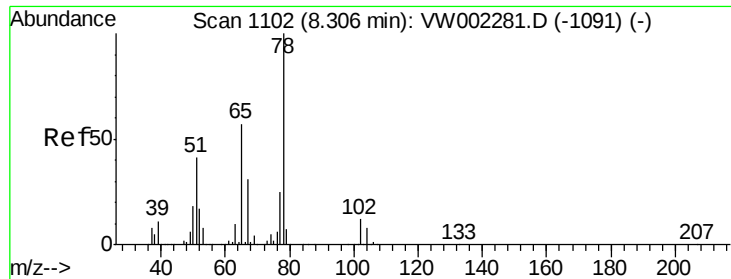
Ion Ratio Lower Upper

56 100

69 146.5 26.2 39.4#

84 147.5 69.2 103.8#

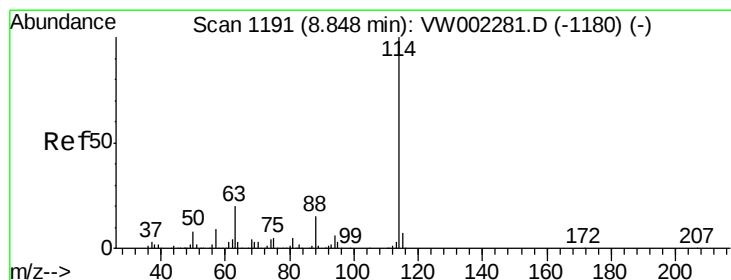
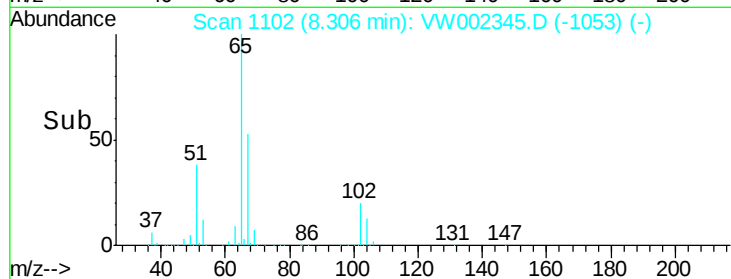
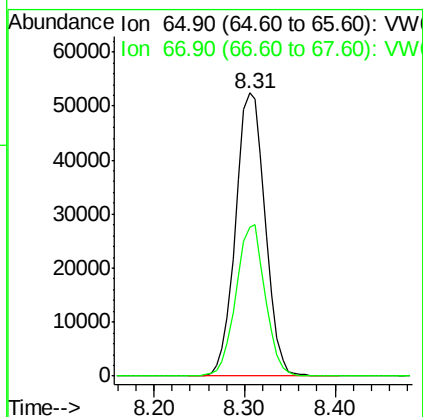
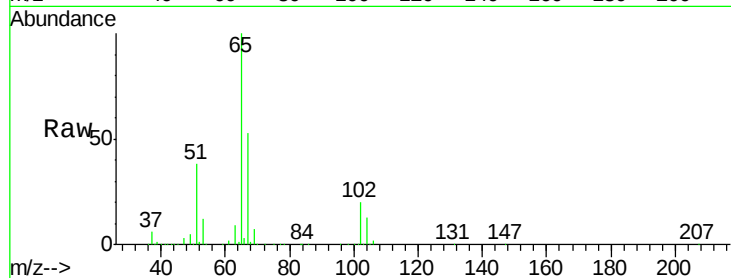




#33
 1,2-Dichloroethane-d4
 Concen: 52.51 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002345.D
 Acq: 09 May 2018 23:40

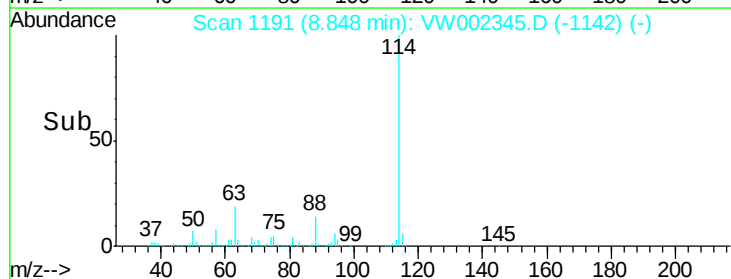
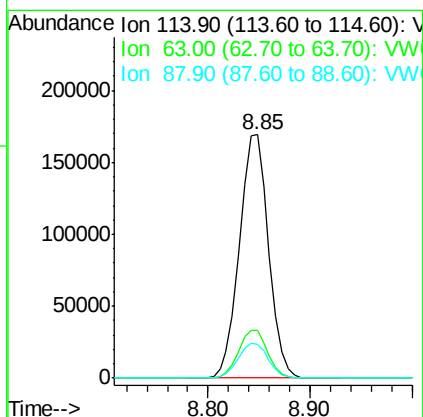
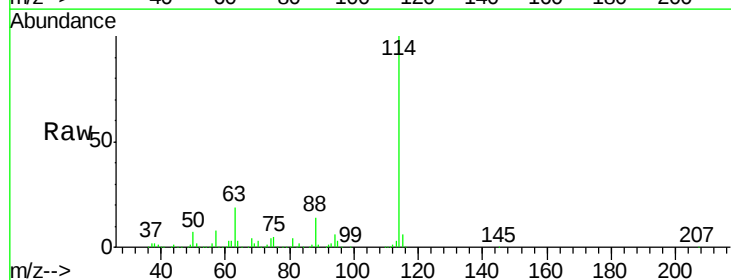
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBL01

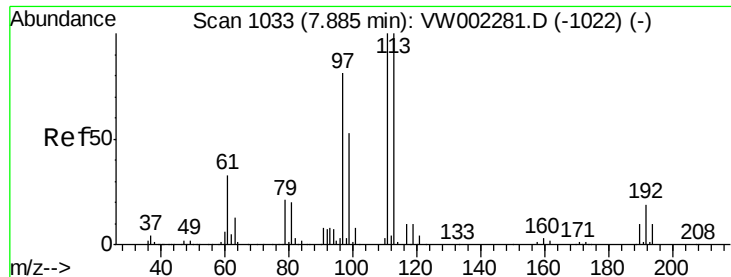
Tgt Ion: 65 Resp: 118423
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002345.D
 Acq: 09 May 2018 23:40

Tgt Ion: 114 Resp: 335551
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 14.0 0.0 29.6

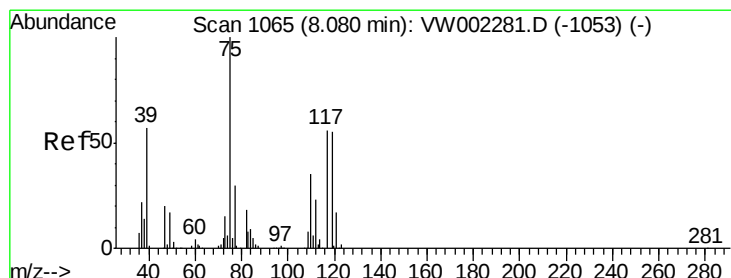
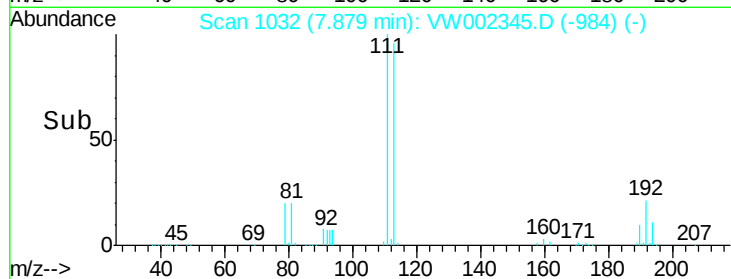
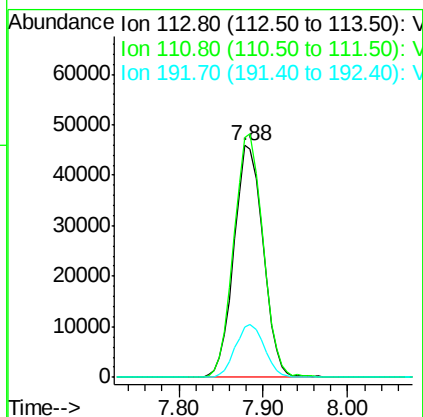
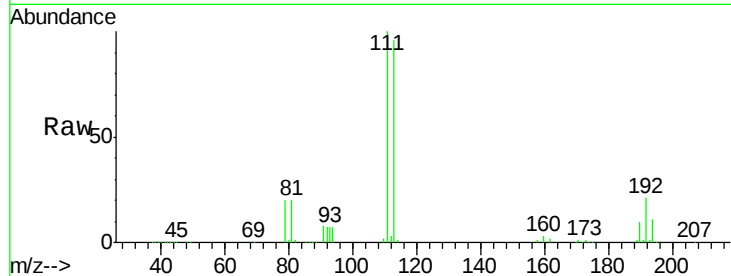




#35
 Dibromofluoromethane
 Concen: 50.07 ug/l
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW002345.D
 Acq: 09 May 2018 23:40

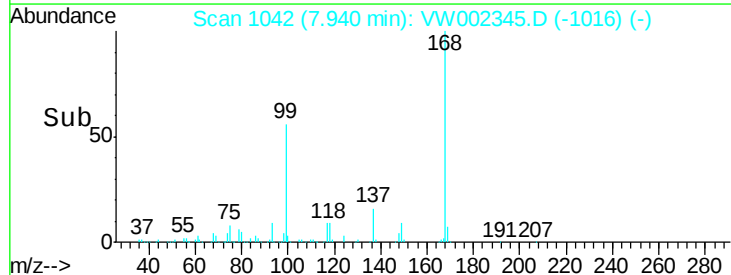
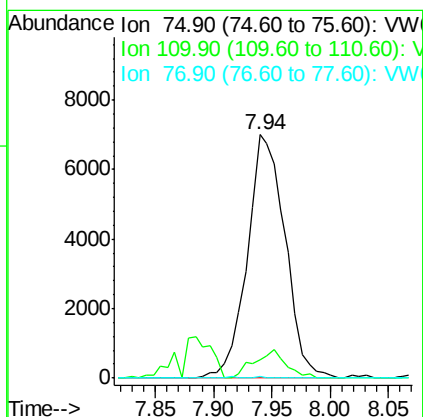
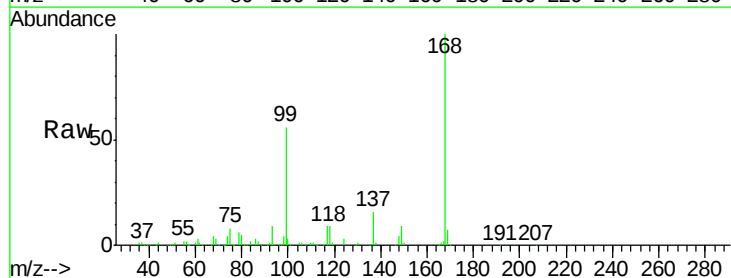
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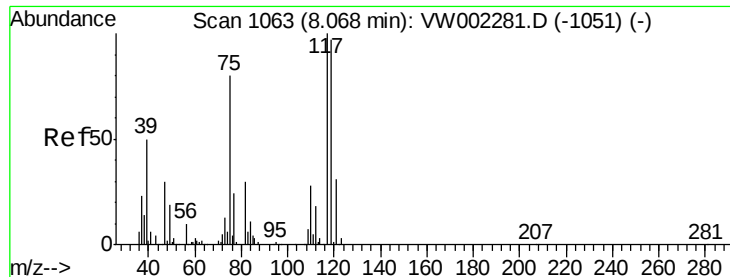
Tgt Ion:113 Resp: 107695
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.5 122.3
 192 22.7 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 5.23 ug/l
 RT: 7.94 min Scan# 1042
 Delta R.T. -0.14 min
 Lab File: VW002345.D
 Acq: 09 May 2018 23:40

Tgt Ion: 75 Resp: 15860
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.1 54.1#
 77 0.1 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.88 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW002345.D

Acq: 09 May 2018 23:40

Instrument :

MSVOA_W

ClientSampled :

VW0509SBL01

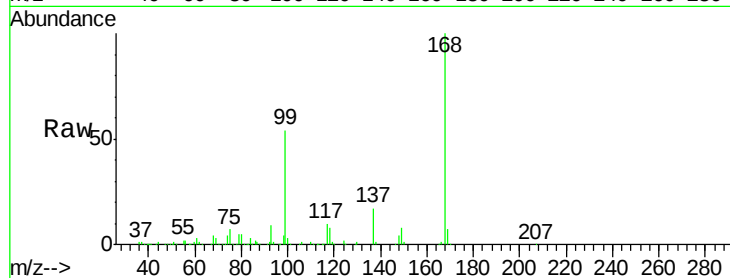
Tgt Ion: 117 Resp: 20177

Ion Ratio Lower Upper

117 100

119 5.4 77.5 116.3#

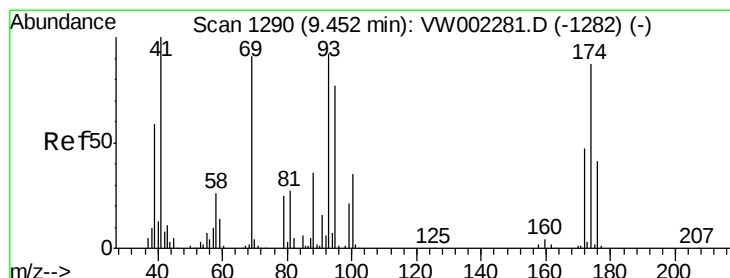
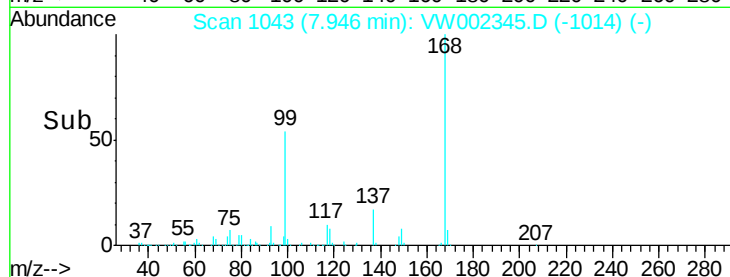
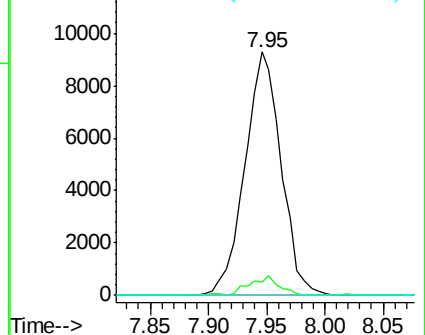
121 0.0 24.4 36.6#



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: 1.27 ug/l

RT: 9.30 min Scan# 1265

Delta R.T. -0.15 min

Lab File: VW002345.D

Acq: 09 May 2018 23:40

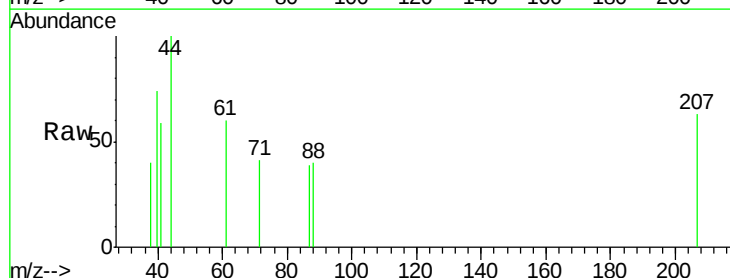
Tgt Ion: 88 Resp: 25

Ion Ratio Lower Upper

88 100

43 76.0 26.3 39.5#

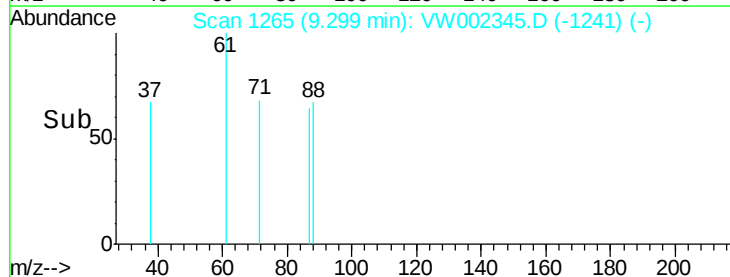
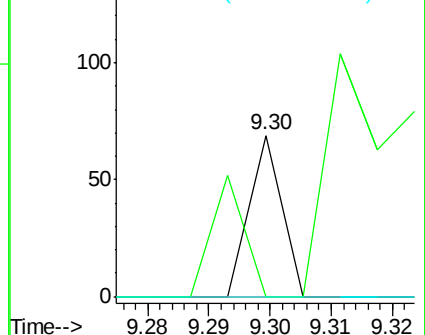
58 0.0 56.0 84.0#

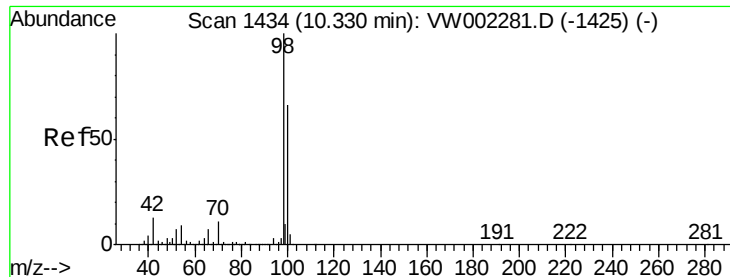


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 49.77 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002345.D

Acq: 09 May 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

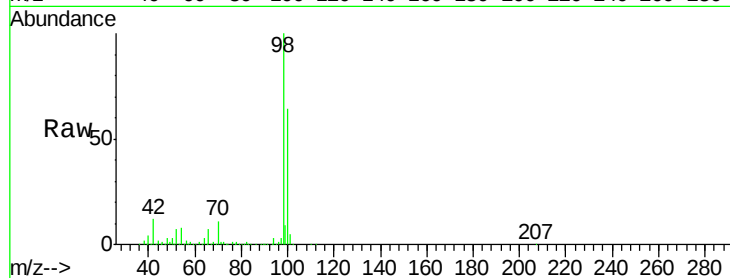
VW0509SBL01

Tgt Ion: 98 Resp: 408179

Ion Ratio Lower Upper

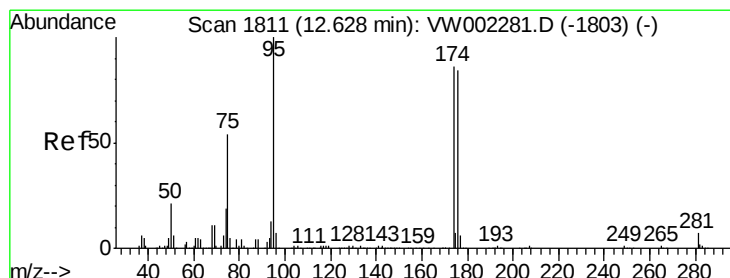
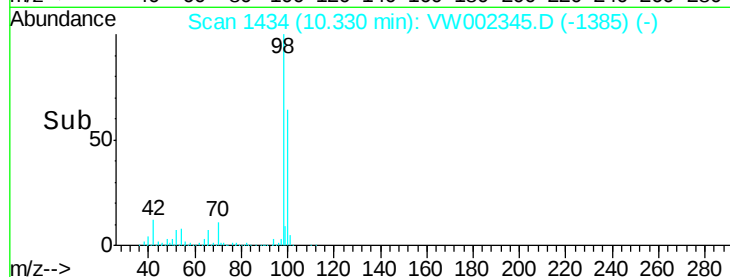
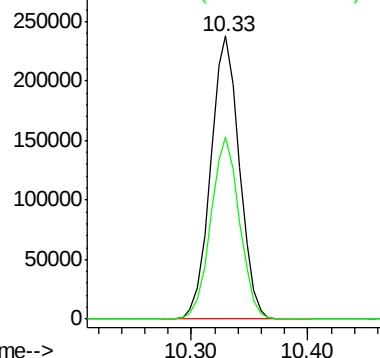
98 100

100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 48.55 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002345.D

Acq: 09 May 2018 23:40

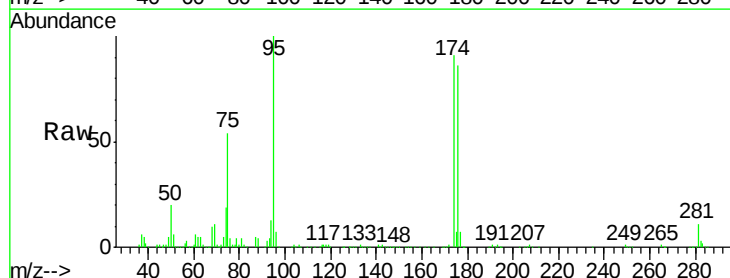
Tgt Ion: 95 Resp: 143895

Ion Ratio Lower Upper

95 100

174 89.8 0.0 176.8

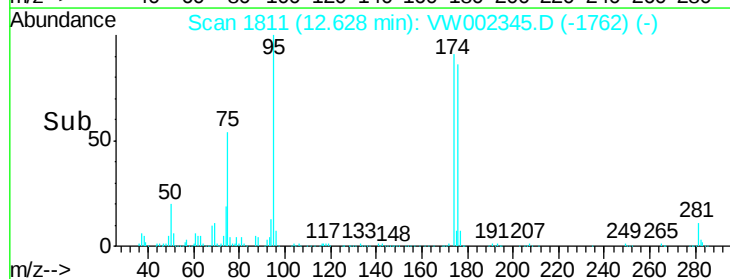
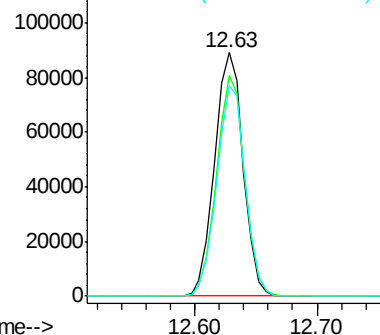
176 86.6 0.0 170.4

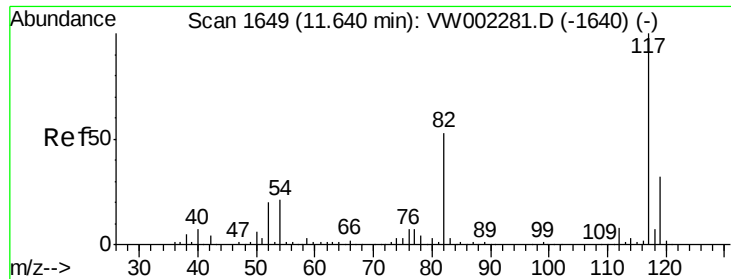


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

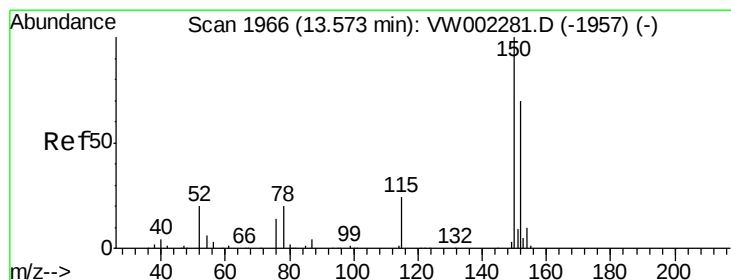
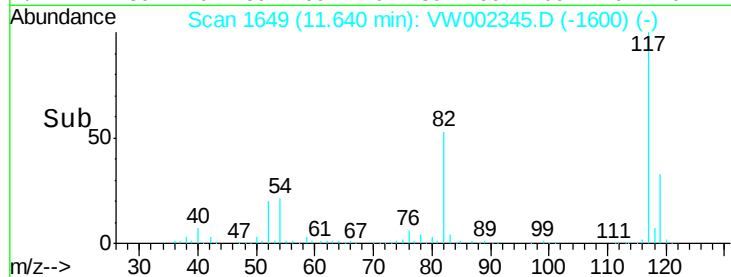
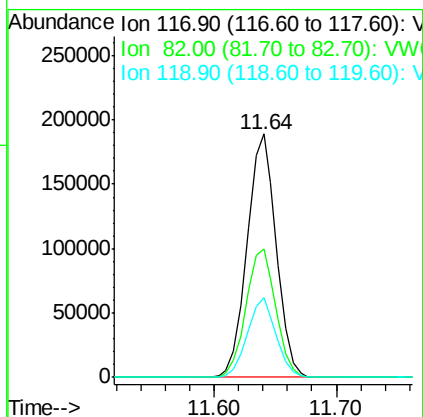
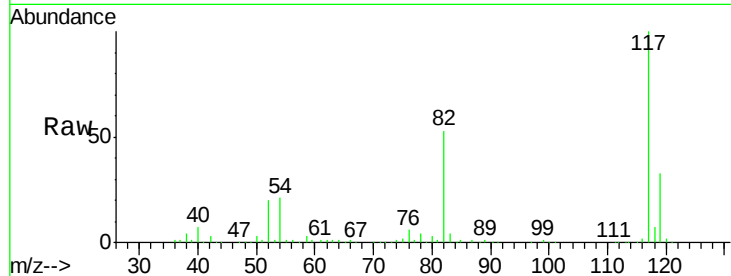




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002345.D
Acq: 09 May 2018 23:40

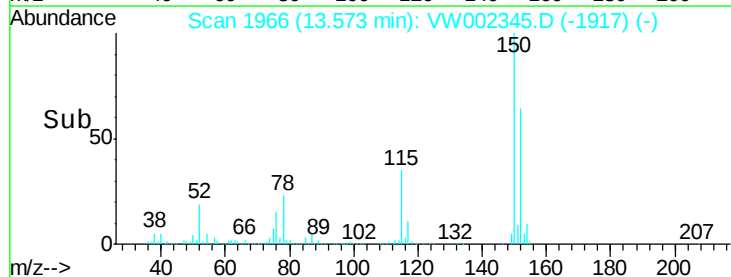
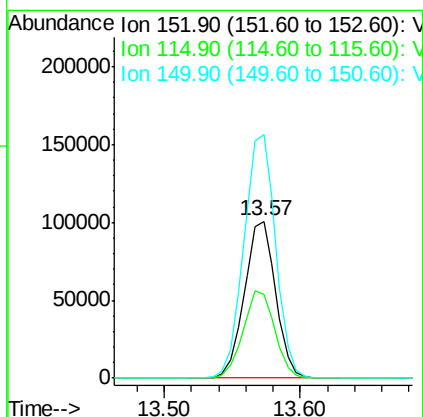
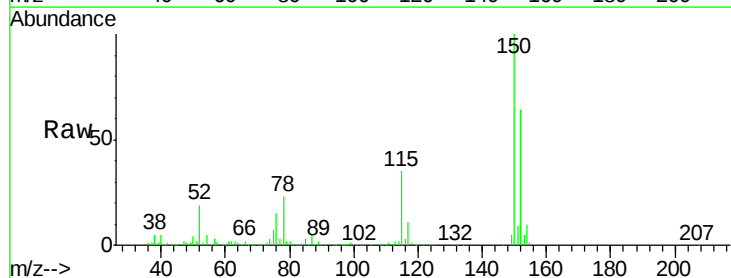
Instrument :
MSVOA_W
ClientSampleId :
VW0509SBL01

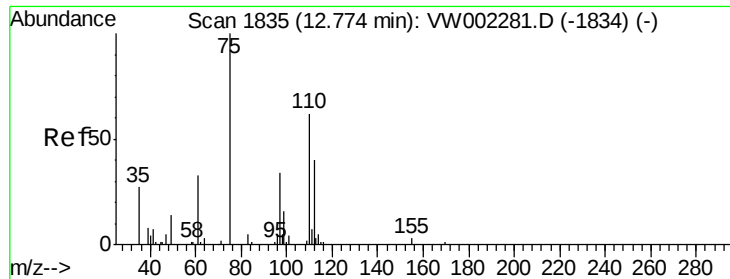
Tgt Ion:117 Resp: 311989
Ion Ratio Lower Upper
117 100
82 52.6 42.6 63.8
119 32.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002345.D
Acq: 09 May 2018 23:40

Tgt Ion:152 Resp: 161555
Ion Ratio Lower Upper
152 100
115 56.2 28.5 85.5
150 157.7 0.0 342.6

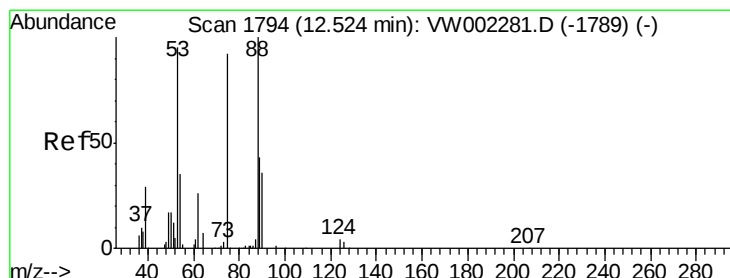
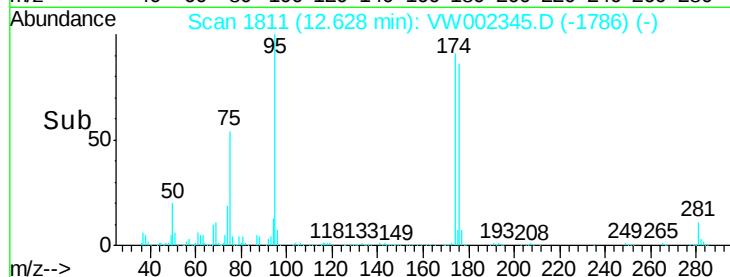
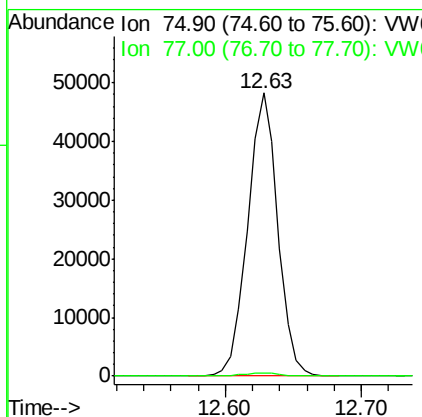
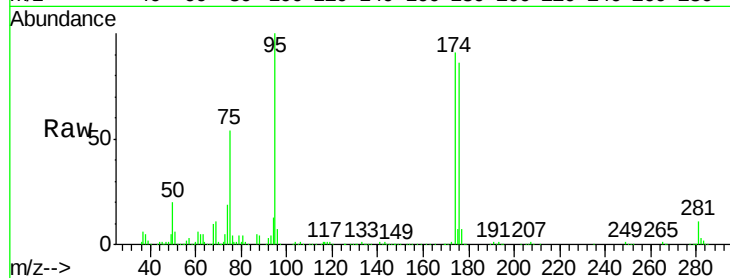




#76
 1,2,3-Trichloropropane
 Concen: 52.07 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW002345.D
 Acq: 09 May 2018 23:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBL01

Tgt Ion: 75 Resp: 74598
 Ion Ratio Lower Upper
 75 100
 77 1.2 187.5 562.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.16 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.10 min
 Lab File: VW002345.D
 Acq: 09 May 2018 23:40

Tgt Ion: 75 Resp: 74598
 Ion Ratio Lower Upper
 75 100
 53 0.2 79.9 119.9#
 89 0.2 37.6 56.4#

