

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW050818\
 Data File : VW002321.D
 Acq On : 09 May 2018 04:10
 Operator : JC/SY
 Sample : J2709-01
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WAYNE

Quant Time: May 09 08:34:06 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	211731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	337325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	309543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	157560	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	96051	42.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.44%	
35) Dibromofluoromethane	7.88	113	97260	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
50) Toluene-d8	10.33	98	343783	41.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.40%	
62) 4-Bromofluorobenzene	12.63	95	132241	44.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.76%	

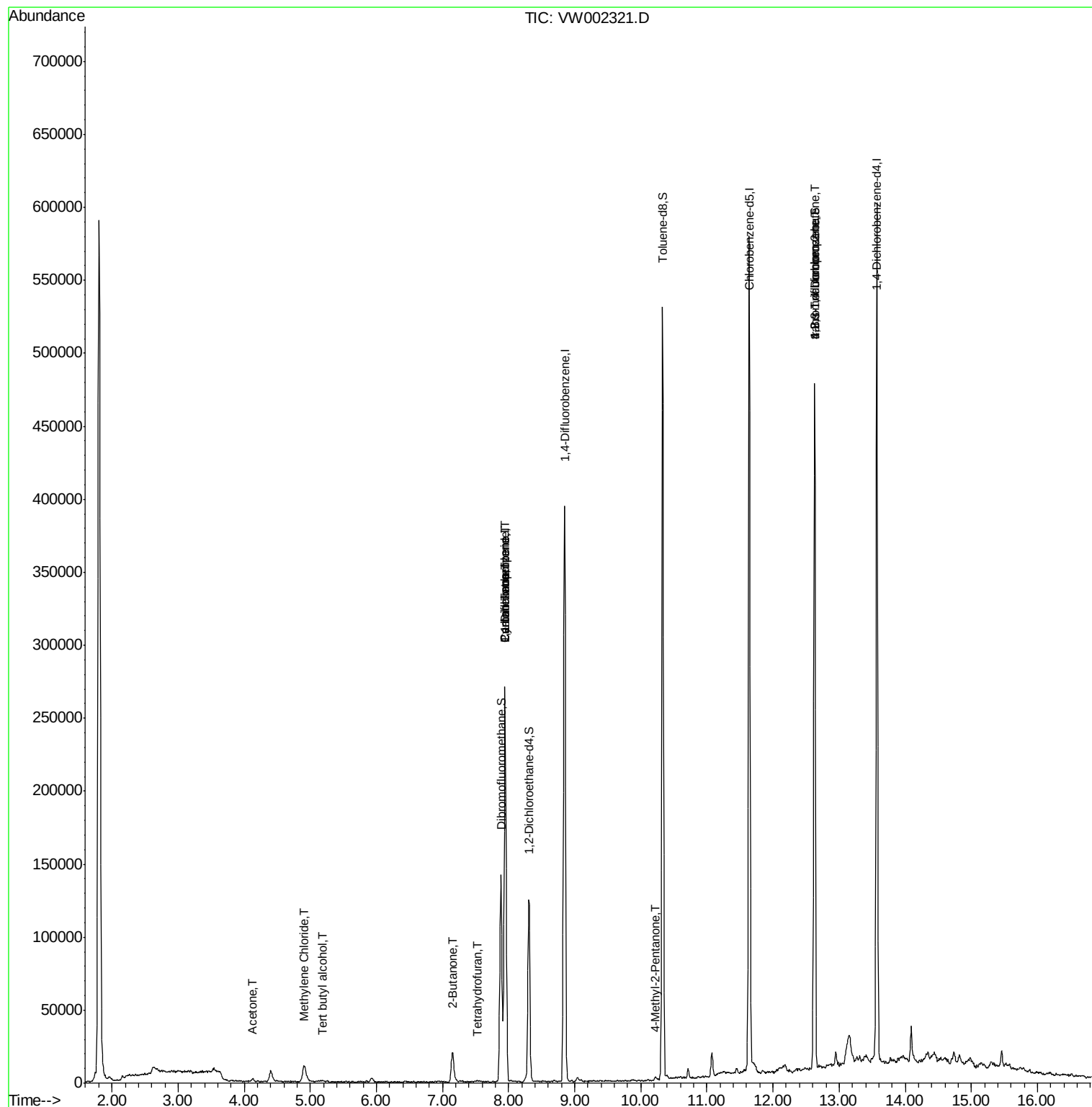
Target Compounds						Qvalue
11) Tert butyl alcohol	5.18	59	1187	7.26	ug/l #	88
16) Acetone	4.13	43	3150	7.17	ug/l #	75
20) Methylene Chloride	4.90	84	10488	4.95	ug/l #	81
25) 2-Butanone	7.15	43	1005	1.54	ug/l #	74
29) Tetrahydrofuran	7.53	42	480	1.12	ug/l #	48
31) Cyclohexane	7.95	56	4402	1.32	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15800	5.18	ug/l #	50
38) Carbon Tetrachloride	7.95	117	20285	6.88	ug/l #	15
51) 4-Methyl-2-Pentanone	10.21	43	2377	1.53	ug/l	96
76) 1,2,3-Trichloropropane	12.63	75	68379	48.94	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	68379	128.91	ug/l #	10

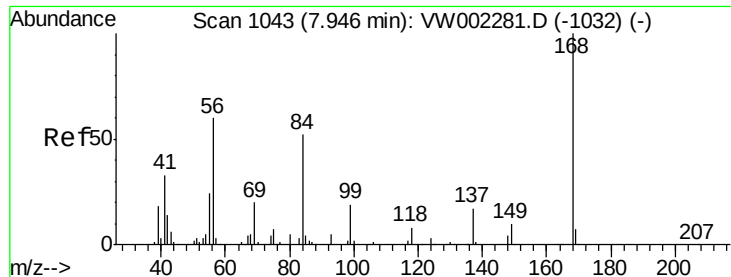
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW002321.D

Acq: 09 May 2018 04:10

Instrument :

MSVOA_W

ClientSampleId :

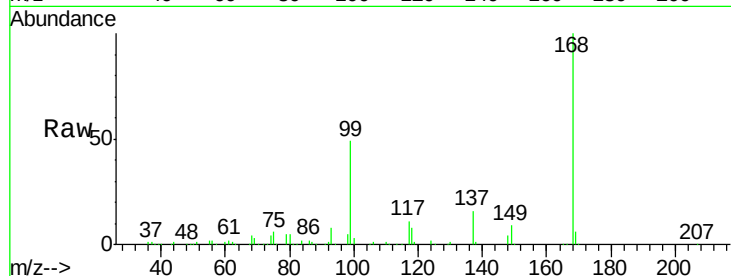
WAYNE

Tgt Ion:168 Resp: 211731

Ion Ratio Lower Upper

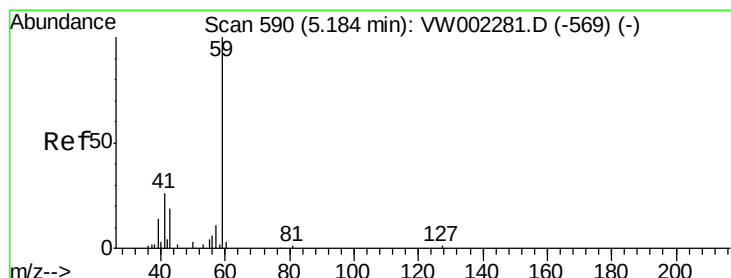
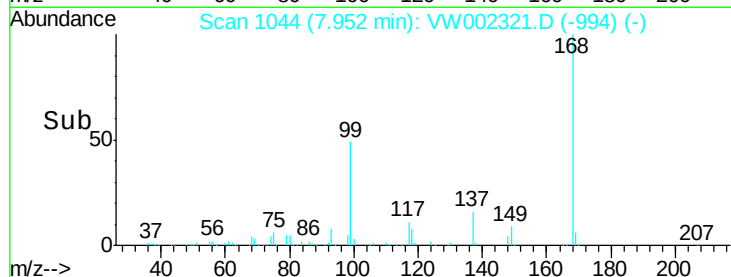
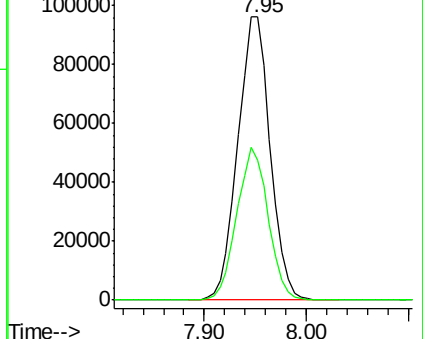
168 100

99 49.5 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: 7.26 ug/l

RT: 5.18 min Scan# 589

Delta R.T. -0.01 min

Lab File: VW002321.D

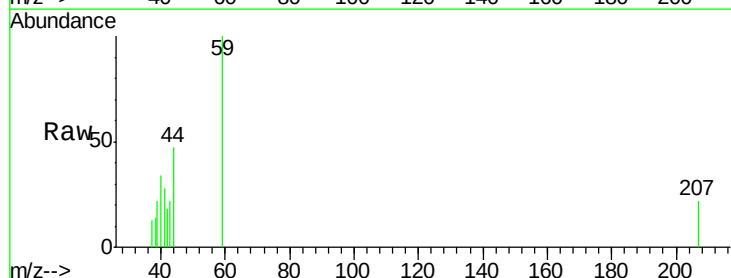
Acq: 09 May 2018 04:10

Tgt Ion: 59 Resp: 1187

Ion Ratio Lower Upper

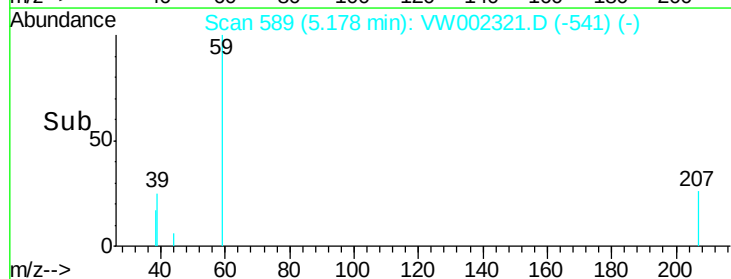
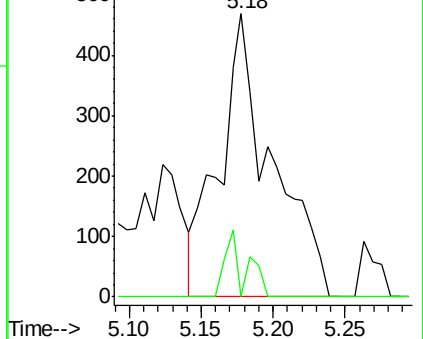
59 100

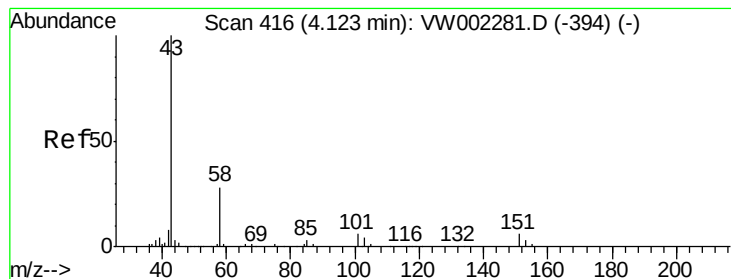
57 9.0 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 7.17 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW002321.D

Acq: 09 May 2018 04:10

Instrument :

MSVOA_W

ClientSampleId :

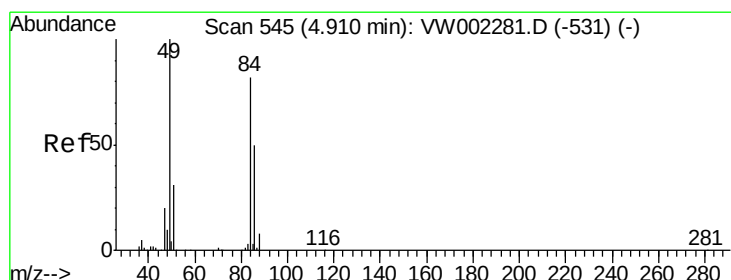
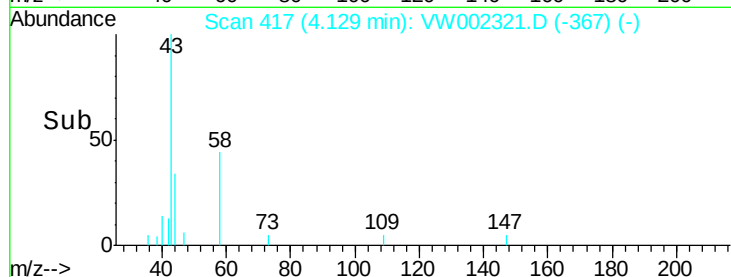
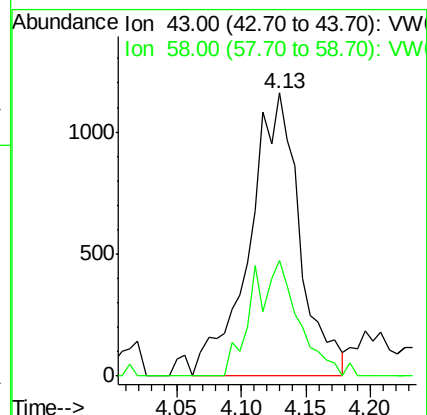
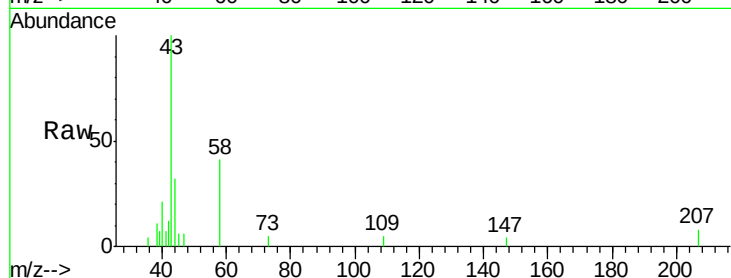
WAYNE

Tgt Ion: 43 Resp: 3150

Ion Ratio Lower Upper

43 100

58 41.1 22.2 33.4#



#20

Methylene Chloride

Concen: 4.95 ug/l

RT: 4.90 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW002321.D

Acq: 09 May 2018 04:10

Tgt Ion: 84 Resp: 10488

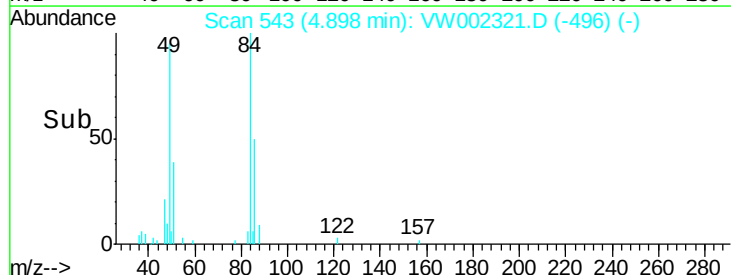
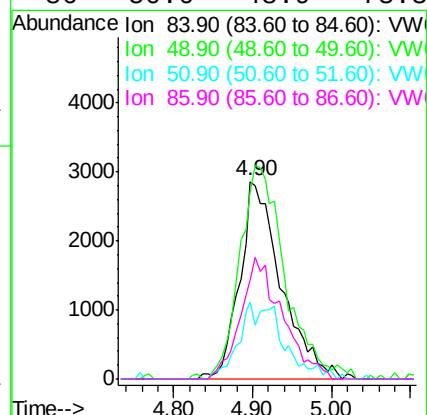
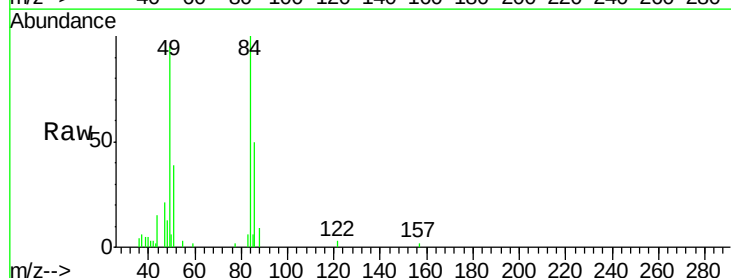
Ion Ratio Lower Upper

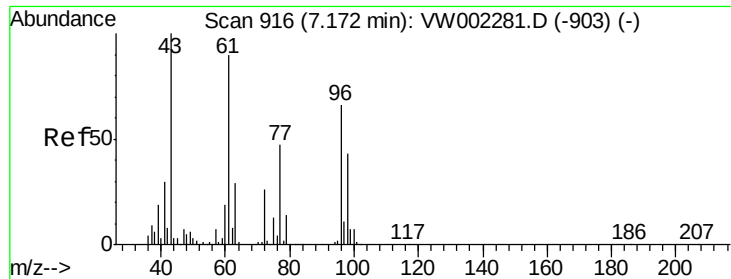
84 100

49 92.6 97.7 146.5#

51 39.0 30.2 45.4

86 50.0 48.9 73.3





#25

2-Butanone

Concen: 1.54 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.02 min

Lab File: VW002321.D

Acq: 09 May 2018 04:10

Instrument :

MSVOA_W

ClientSampled :

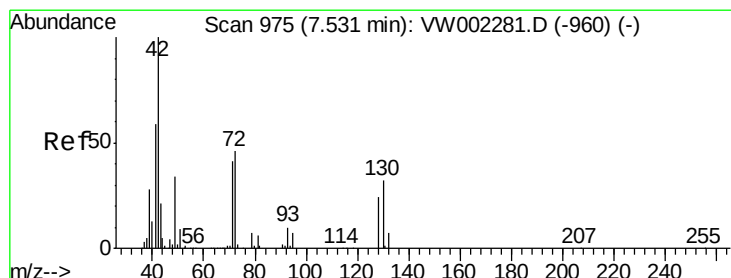
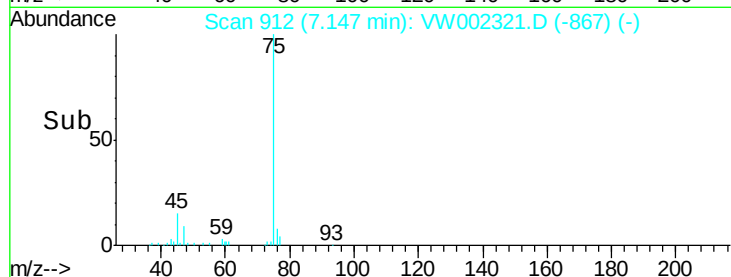
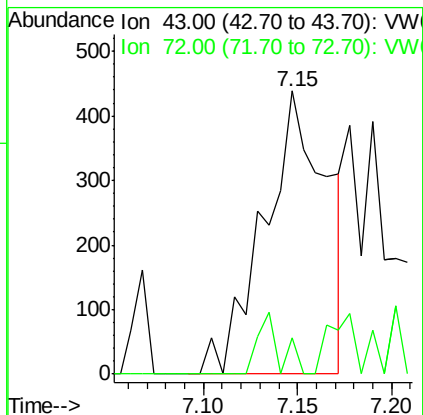
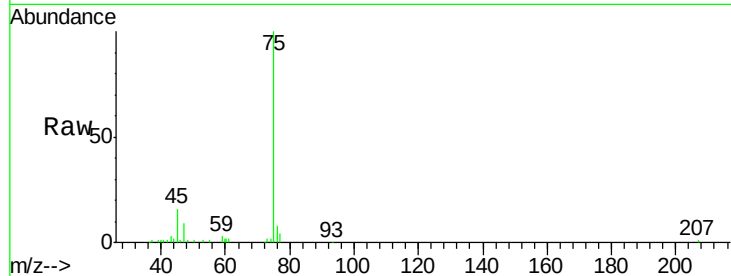
WAYNE

Tgt Ion: 43 Resp: 1005

Ion Ratio Lower Upper

43 100

72 12.8 20.6 31.0#



#29

Tetrahydrofuran

Concen: 1.12 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.00 min

Lab File: VW002321.D

Acq: 09 May 2018 04:10

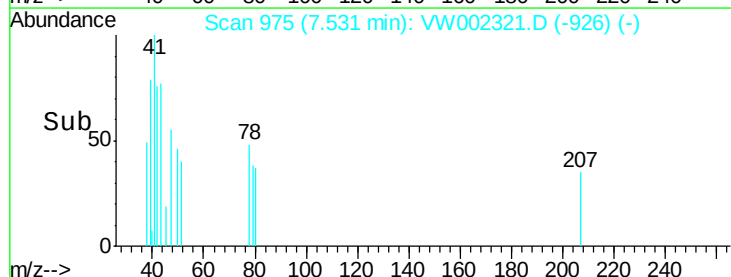
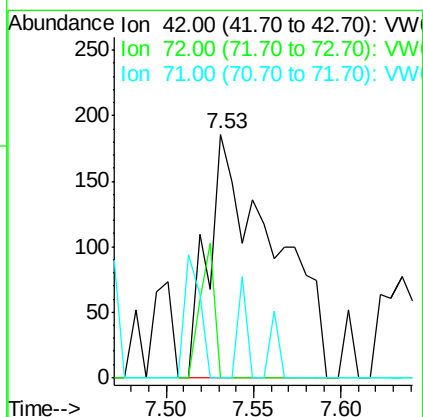
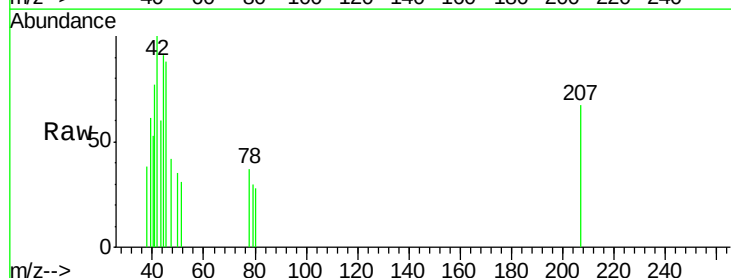
Tgt Ion: 42 Resp: 480

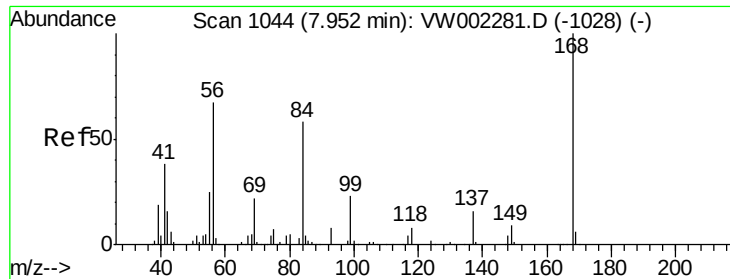
Ion Ratio Lower Upper

42 100

72 12.5 34.5 51.7#

71 5.8 33.0 49.6#

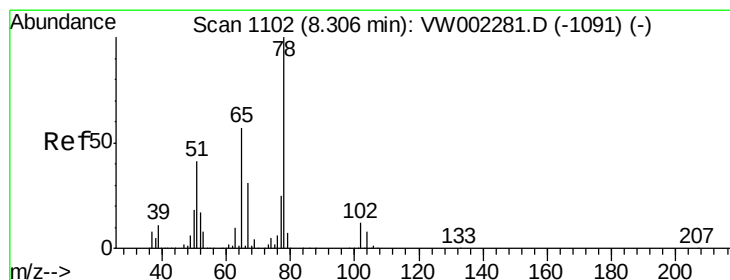
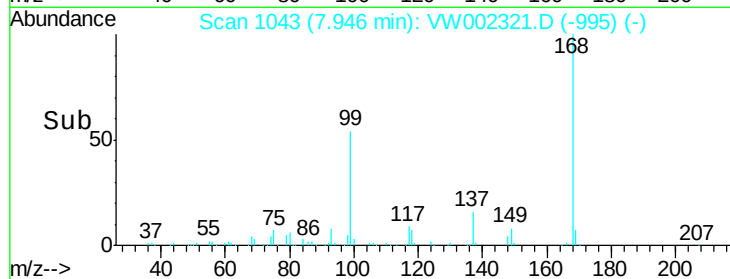
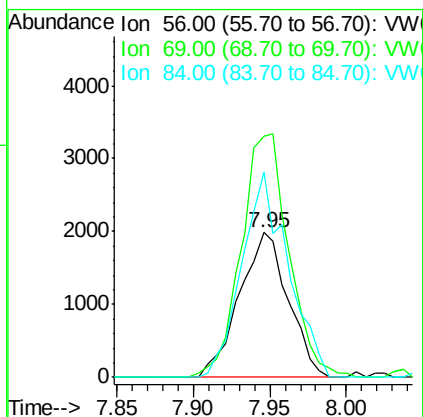
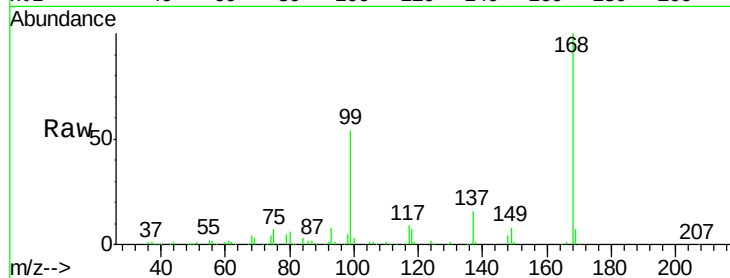




#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW002321.D
Acq: 09 May 2018 04:10

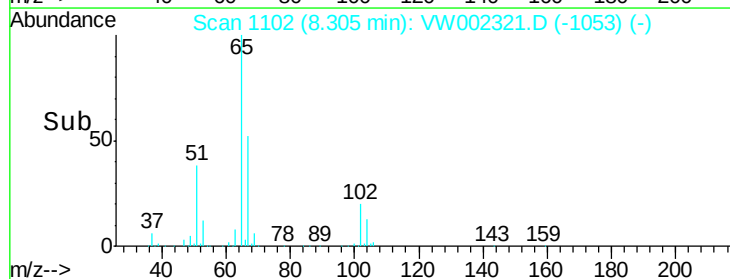
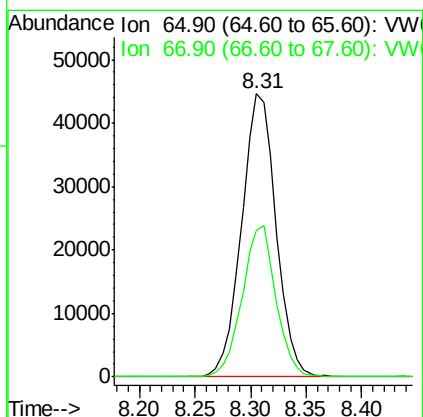
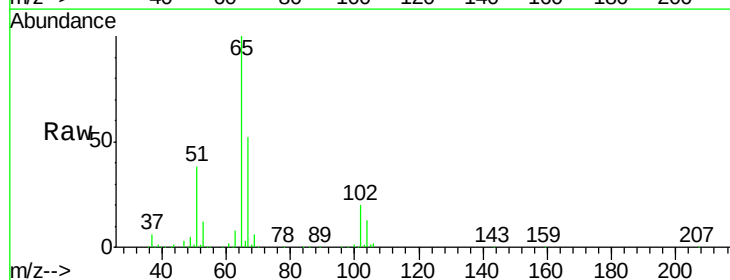
Instrument :
MSVOA_W
ClientSampleId :
WAYNE

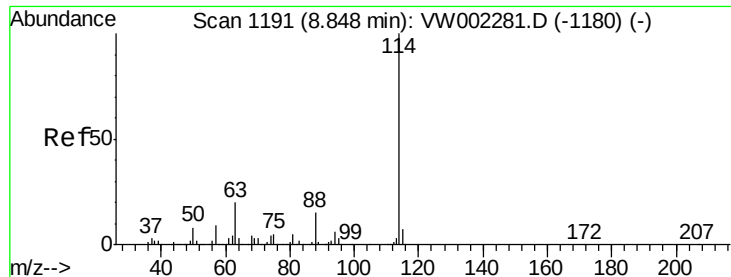
Tgt Ion: 56 Resp: 4402
Ion Ratio Lower Upper
56 100
69 166.0 26.2 39.4#
84 142.0 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 42.72 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW002321.D
Acq: 09 May 2018 04:10

Tgt Ion: 65 Resp: 96051
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.2

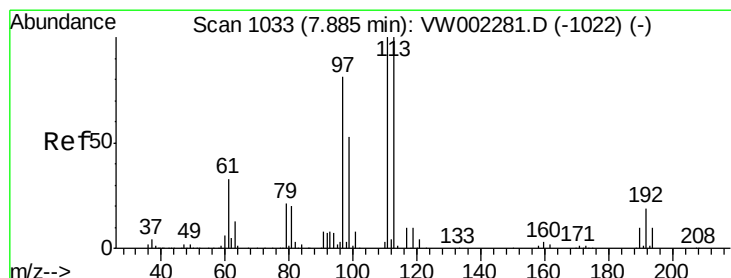
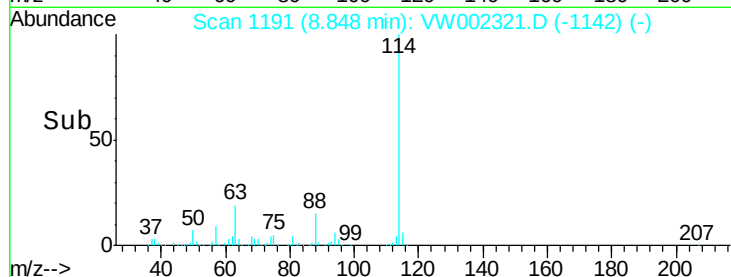
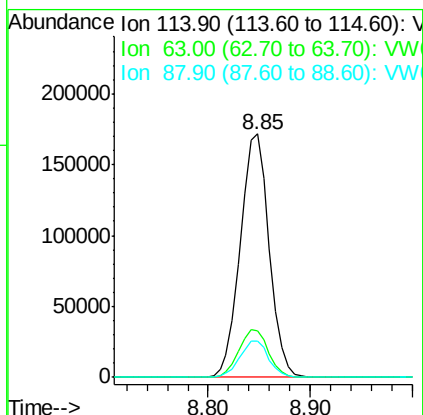
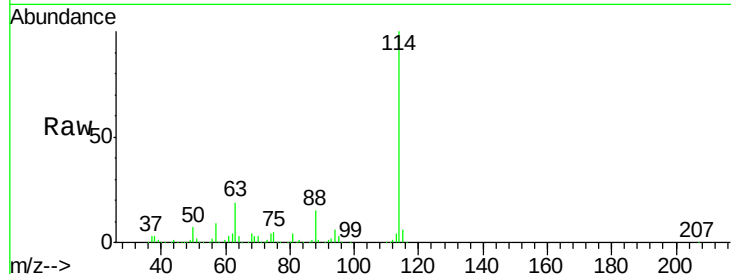




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002321.D
 Acq: 09 May 2018 04:10

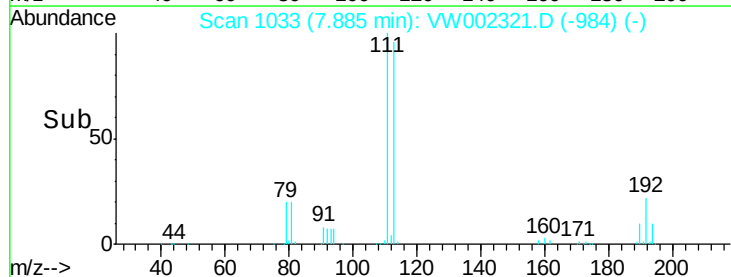
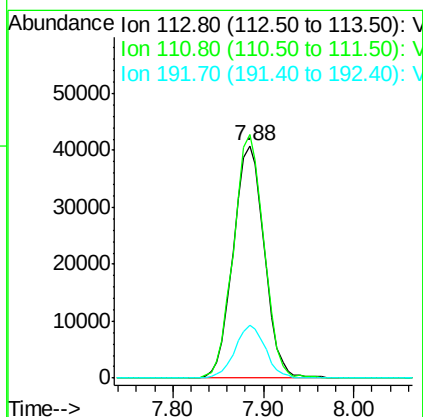
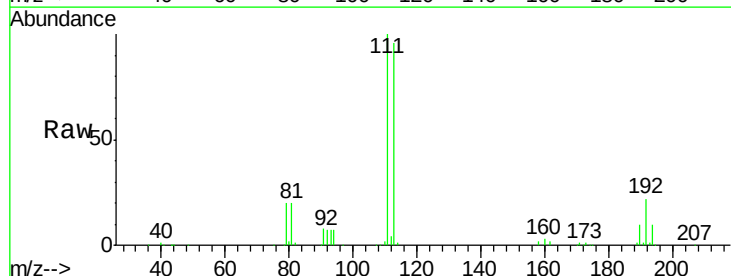
Instrument :
 MSVOA_W
 ClientSampleId :
 WAYNE

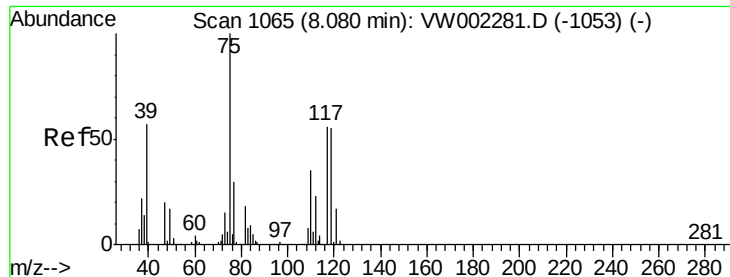
Tgt Ion:114 Resp: 337325
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 14.9 0.0 29.6



#35
 Dibromofluoromethane
 Concen: 44.98 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002321.D
 Acq: 09 May 2018 04:10

Tgt Ion:113 Resp: 97260
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.5 122.3
 192 22.3 16.4 24.6

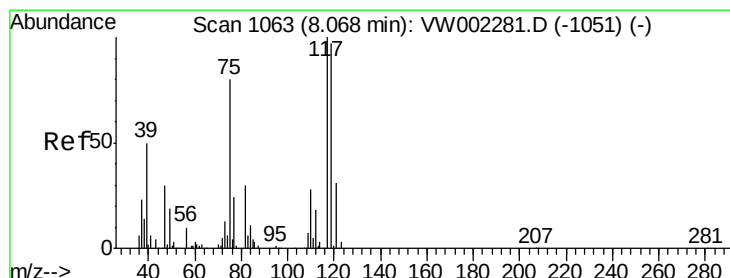
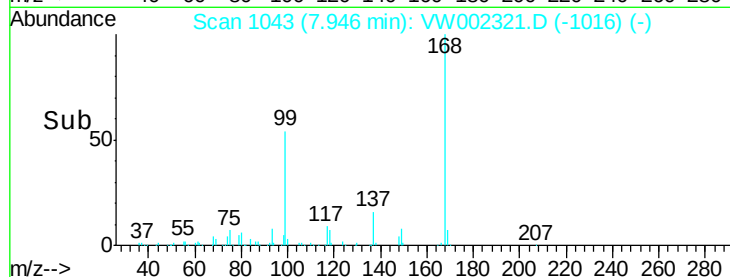
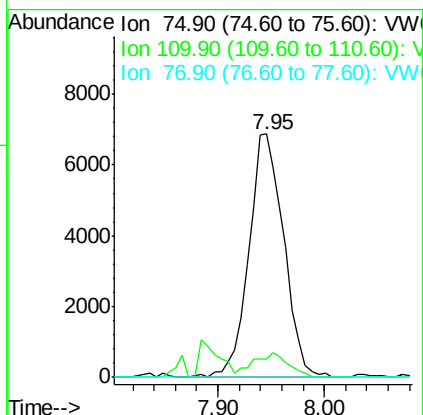
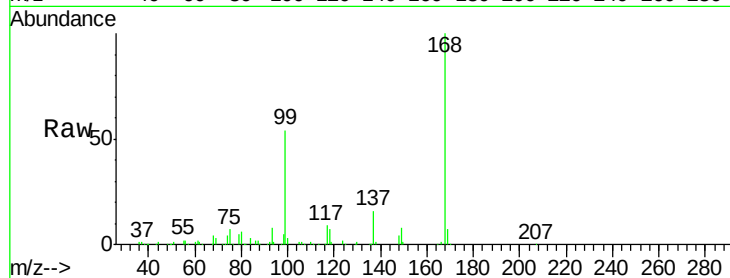




#36
 1,1-Dichloropropene
 Concen: 5.18 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002321.D
 Acq: 09 May 2018 04:10

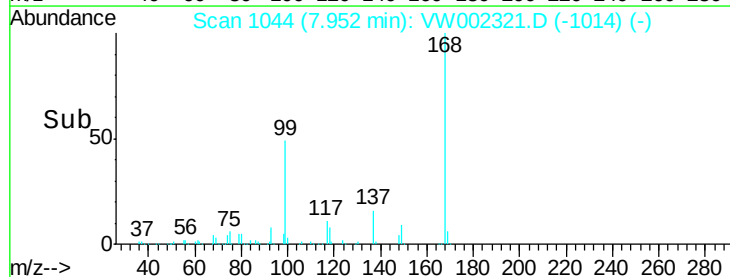
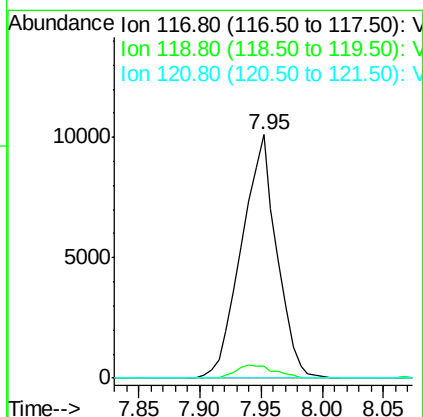
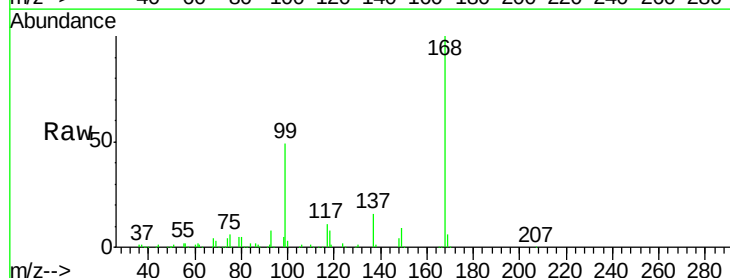
Instrument :
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 ClientSampleId :
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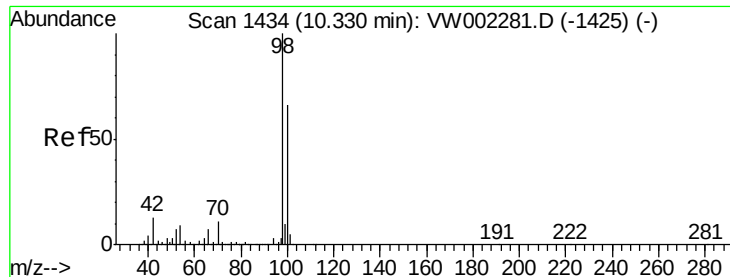
Tgt Ion: 75 Resp: 15800
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.1 54.1#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.88 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW002321.D
 Acq: 09 May 2018 04:10

Tgt Ion: 117 Resp: 20285
 Ion Ratio Lower Upper
 117 100
 119 5.0 77.5 116.3#
 121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 41.70 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002321.D

Acq: 09 May 2018 04:10

Instrument :

MSVOA_W

ClientSampled :

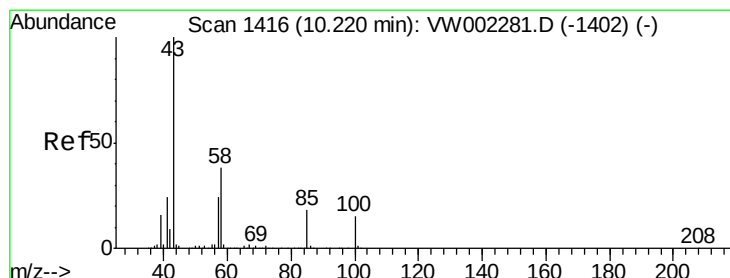
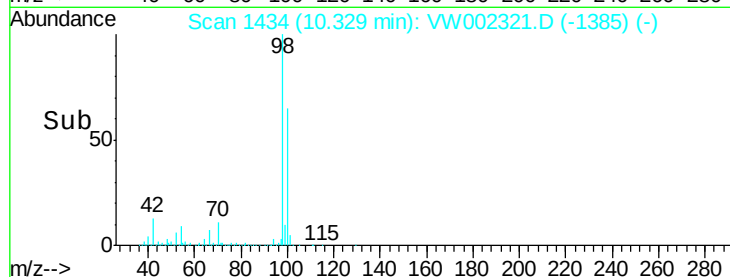
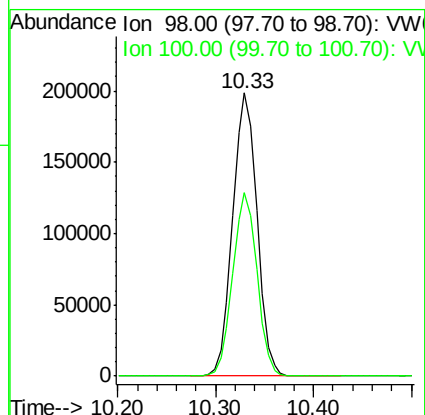
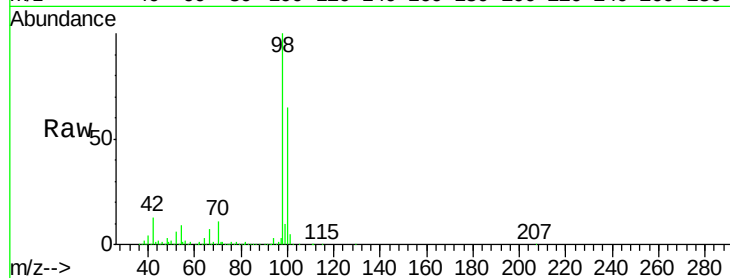
WAYNE

Tgt Ion: 98 Resp: 343783

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.2



#51

4-Methyl-2-Pentanone

Concen: 1.53 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW002321.D

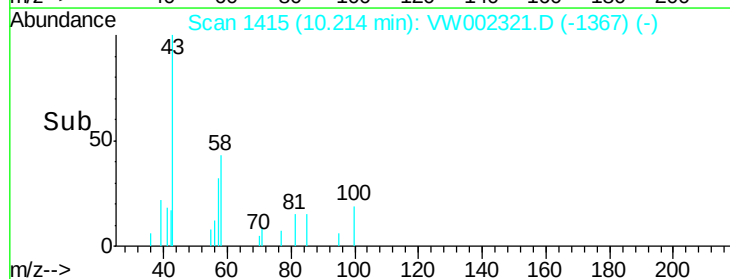
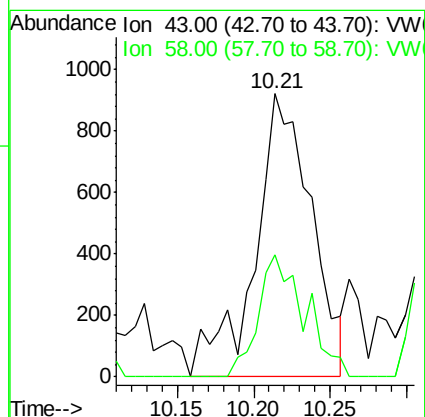
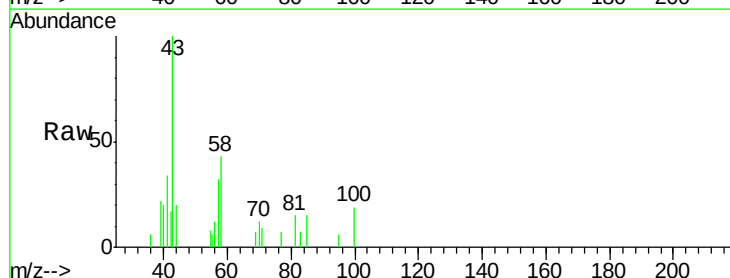
Acq: 09 May 2018 04:10

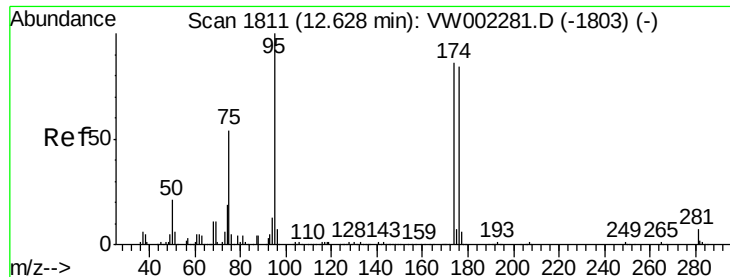
Tgt Ion: 43 Resp: 2377

Ion Ratio Lower Upper

43 100

58 35.5 30.2 45.2

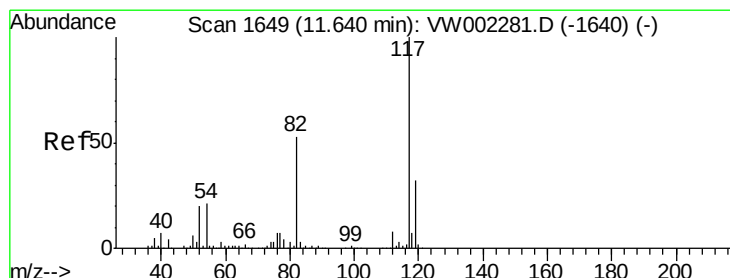
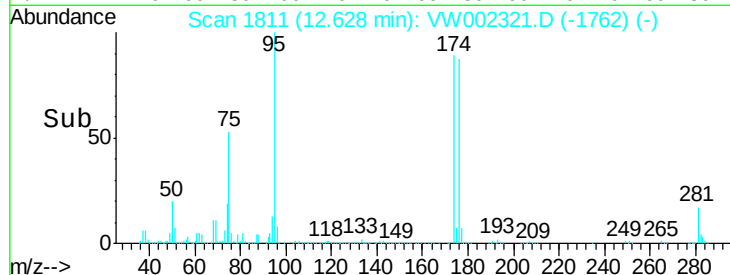
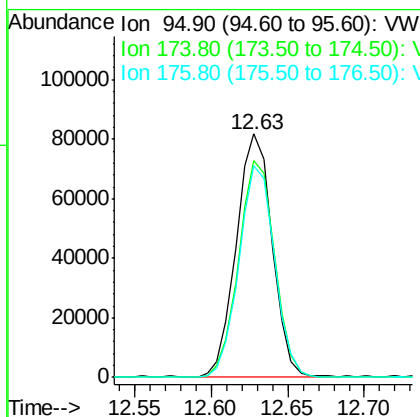
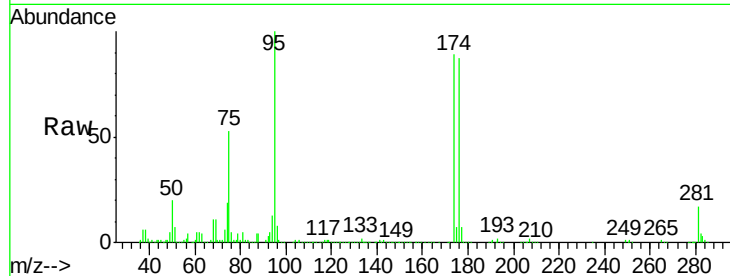




#62
4-Bromofluorobenzene
Concen: 44.38 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW002321.D
Acq: 09 May 2018 04:10

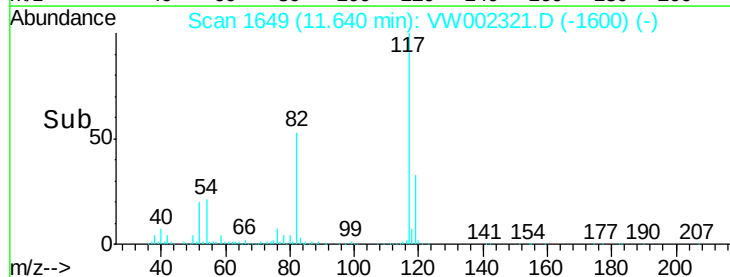
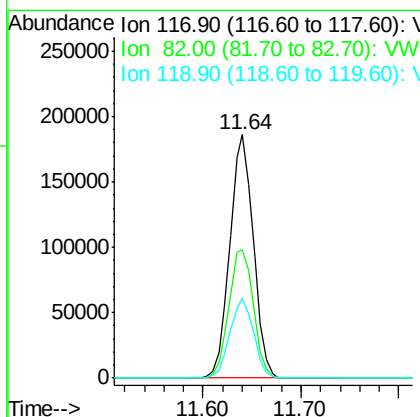
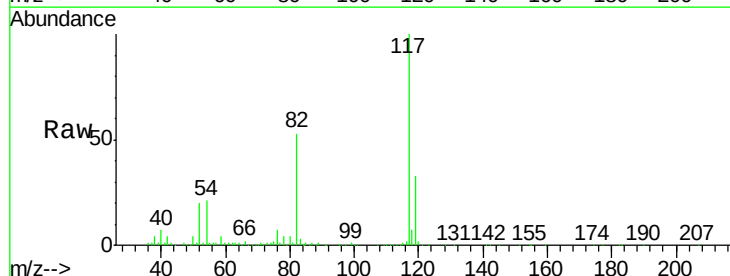
Instrument :
MSVOA_W
ClientSampleId :
WAYNE

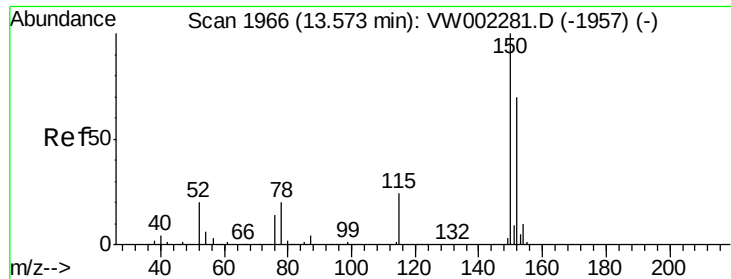
Tgt Ion: 95 Resp: 132241
Ion Ratio Lower Upper
95 100
174 89.5 0.0 176.8
176 86.9 0.0 170.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002321.D
Acq: 09 May 2018 04:10

Tgt Ion: 117 Resp: 309543
Ion Ratio Lower Upper
117 100
82 52.6 42.6 63.8
119 32.7 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: VW002321.D

Acq: 09 May 2018 04:10

Instrument :

MSVOA_W

ClientSampleId :

WAYNE

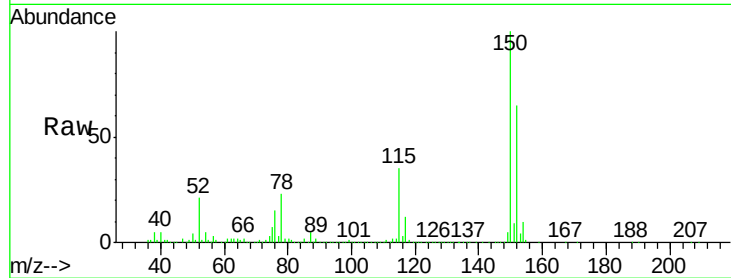
Tgt Ion:152 Resp: 157560

Ion Ratio Lower Upper

152 100

115 56.1 28.5 85.5

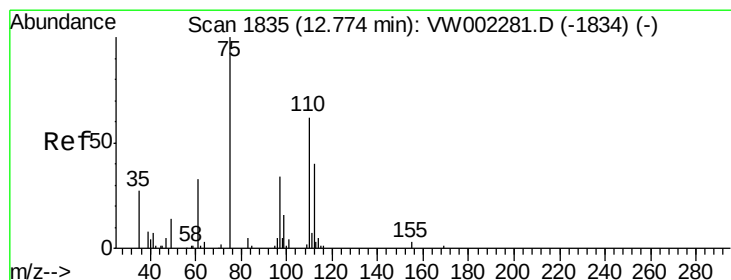
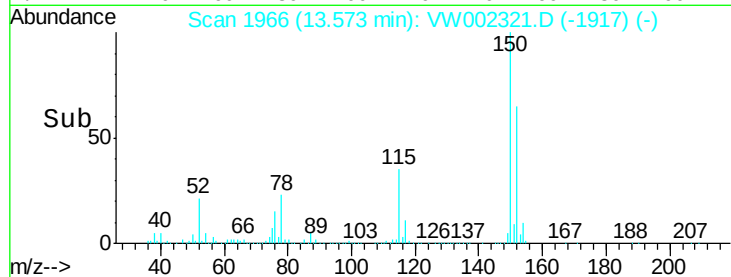
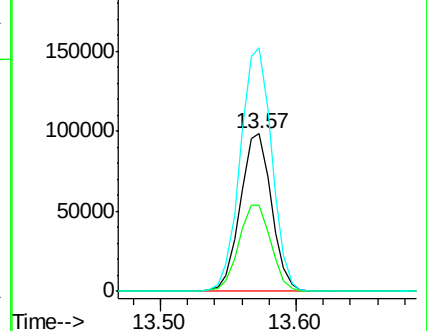
150 156.0 0.0 342.6



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: 48.94 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002321.D

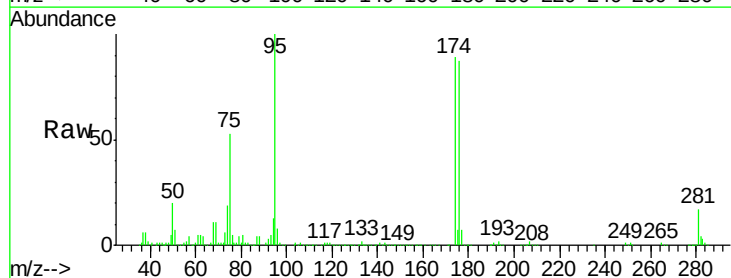
Acq: 09 May 2018 04:10

Tgt Ion: 75 Resp: 68379

Ion Ratio Lower Upper

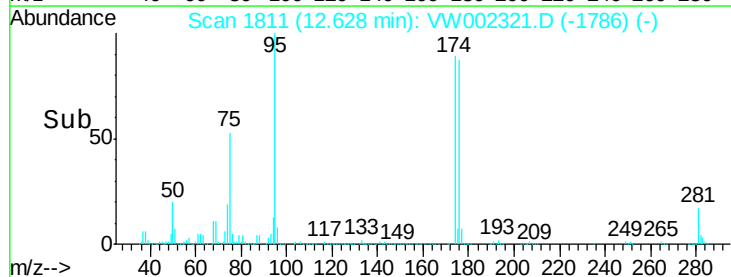
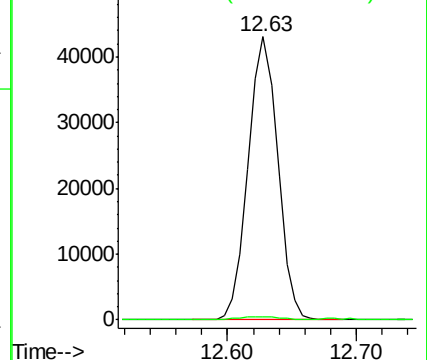
75 100

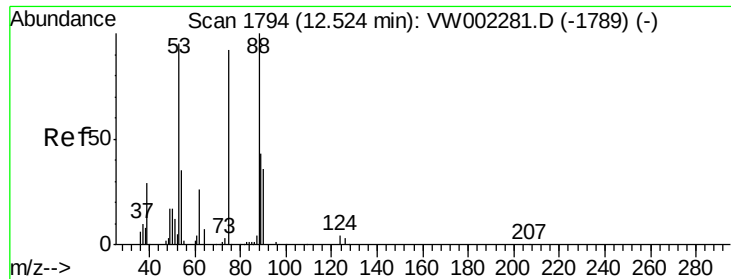
77 1.3 187.5 562.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 128.91 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002321.D

Acq: 09 May 2018 04:10

Instrument :

MSVOA_W

ClientSampleId :

WAYNE

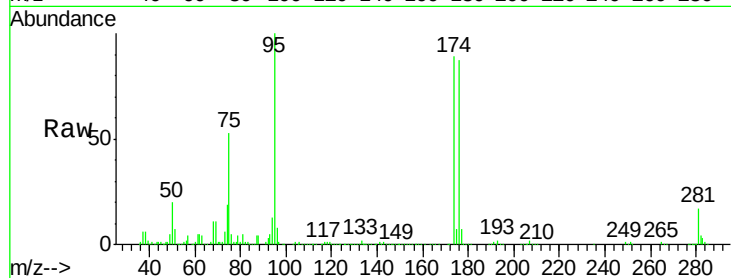
Tgt Ion: 75 Resp: 68379

Ion Ratio Lower Upper

75 100

53 0.3 79.9 119.9#

89 0.0 37.6 56.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

