

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW050818\
 Data File : VW002310.D
 Acq On : 08 May 2018 23:34
 Operator : JC/SY
 Sample : VW0508SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBL02

Quant Time: May 09 08:28:33 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	214825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	313450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	162168	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	117544	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
35) Dibromofluoromethane	7.88	113	107136	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	10.33	98	403995	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.63	95	142527	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	

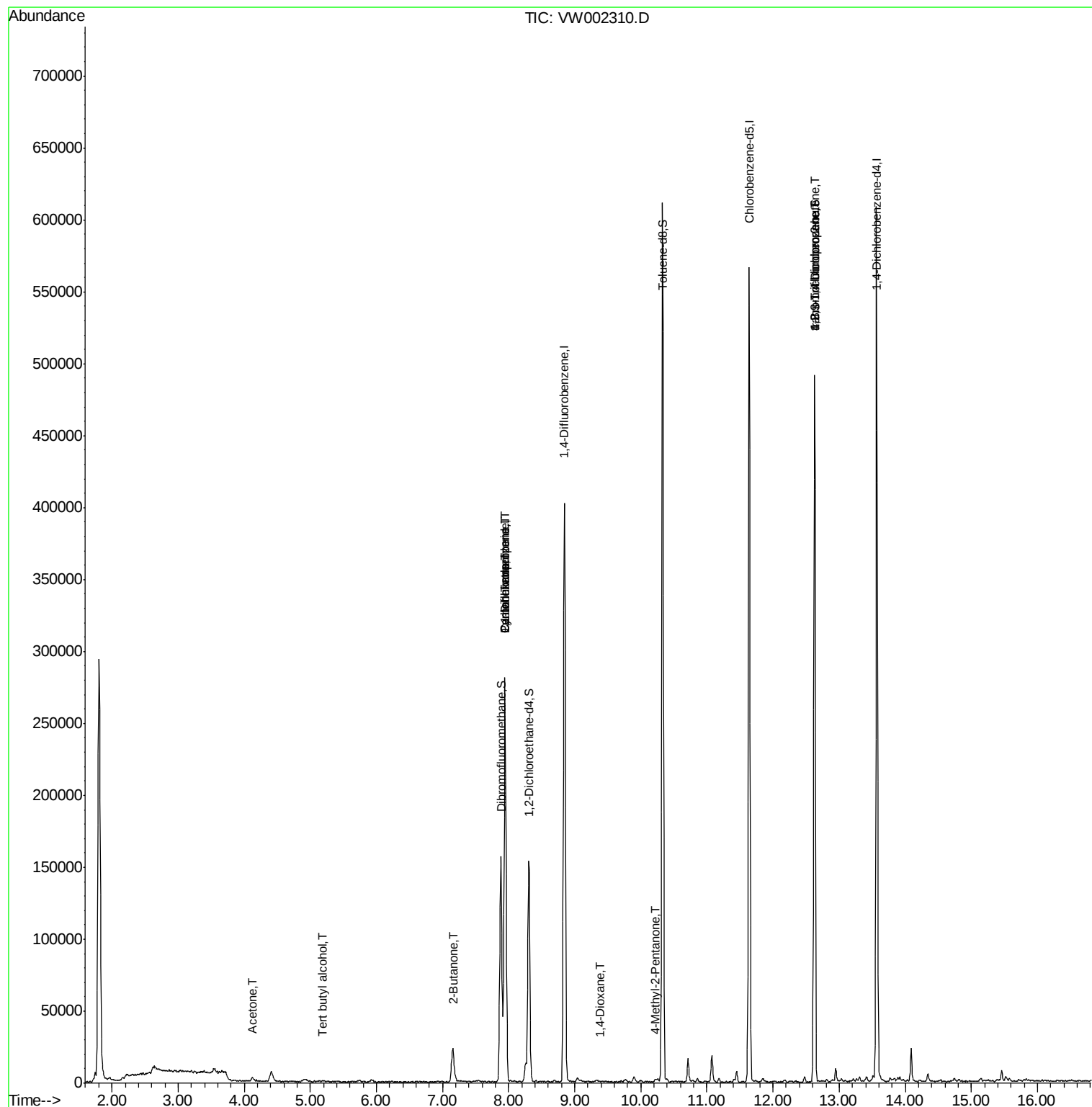
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	391	2.36	ug/l #	97
16) Acetone	4.13	43	5067	11.37	ug/l	99
25) 2-Butanone	7.16	43	2103	3.18	ug/l #	72
31) Cyclohexane	7.95	56	5096	1.50	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	15739	5.13	ug/l #	50
38) Carbon Tetrachloride	7.95	117	20592	6.94	ug/l #	16
49) 1,4-Dioxane	9.39	88	20	1.00	ug/l #	1
51) 4-Methyl-2-Pentanone	10.23	43	1651	1.06	ug/l	92
76) 1,2,3-Trichloropropane	12.63	75	73559	51.15	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	73559	134.74	ug/l #	10

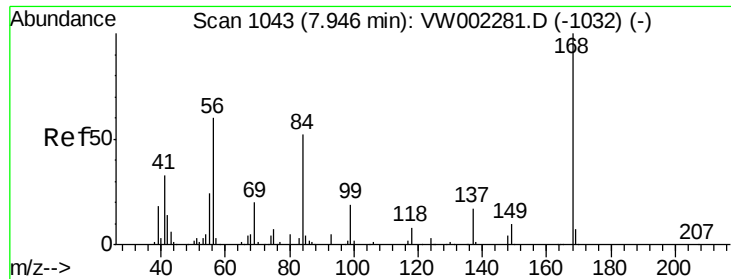
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW050818\
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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# 1043

Delta R.T. -0.00 min

Lab File: VW002310.D

Acq: 08 May 2018 23:34

Instrument :

MSVOA_W

ClientSampled :

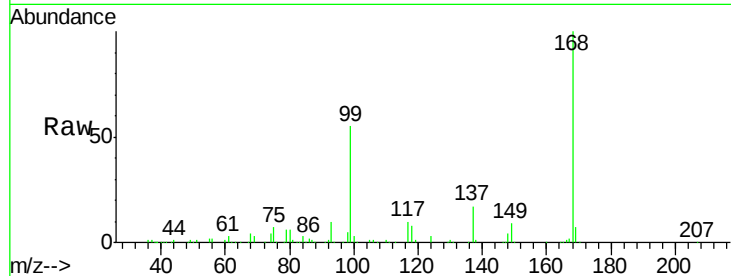
VW0508SBL02

Tgt Ion: 168 Resp: 214825

Ion Ratio Lower Upper

168 100

99 54.8 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

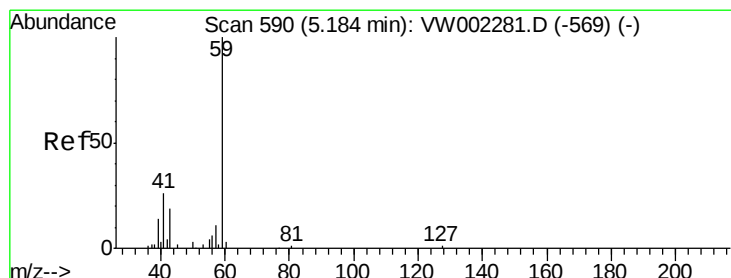
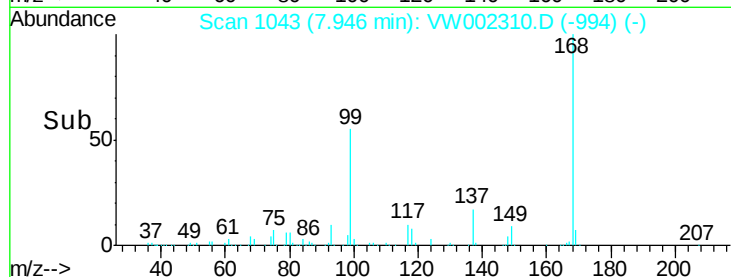
40000

20000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: 2.36 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.00 min

Lab File: VW002310.D

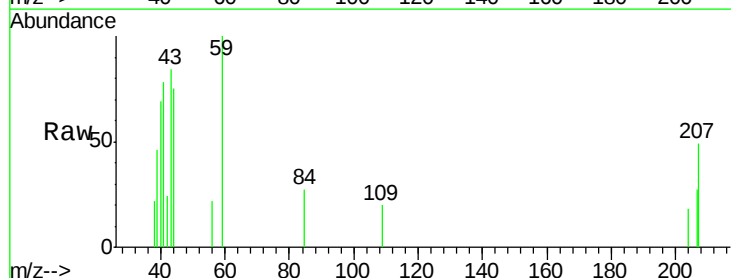
Acq: 08 May 2018 23:34

Tgt Ion: 59 Resp: 391

Ion Ratio Lower Upper

59 100

57 5.9 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

300

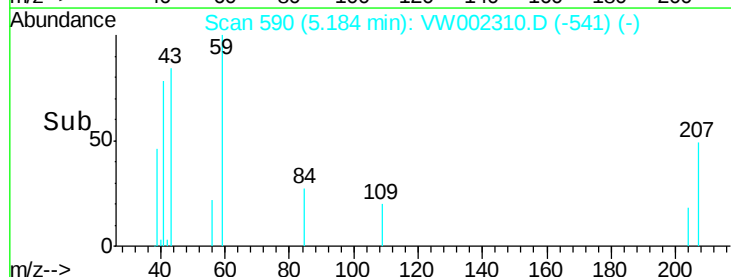
200

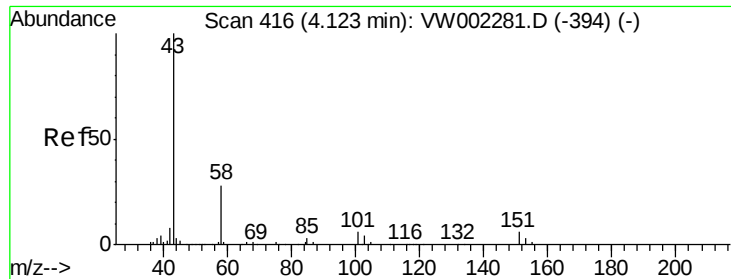
100

0

5.15 5.20

Time-->





#16

Acetone

Concen: 11.37 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW002310.D

Acq: 08 May 2018 23:34

Instrument :

MSVOA_W

ClientSampleId :

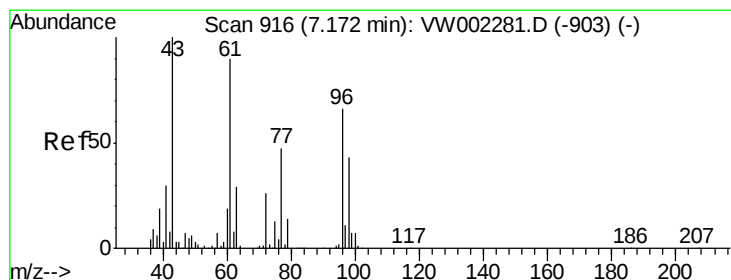
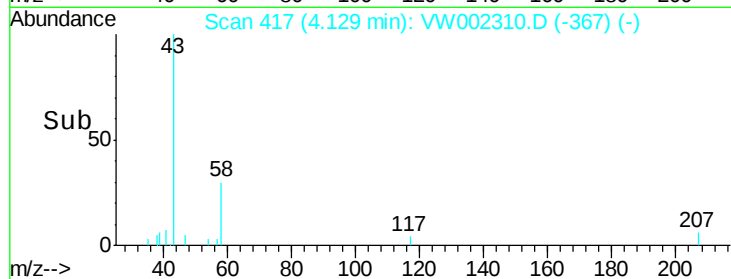
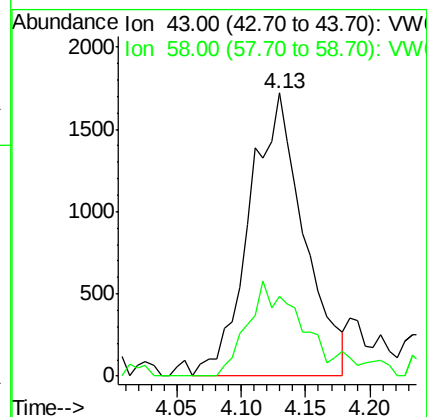
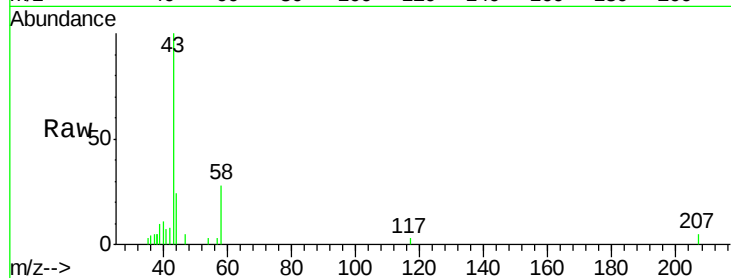
VW0508SBL02

Tgt Ion: 43 Resp: 5067

Ion Ratio Lower Upper

43 100

58 28.1 22.2 33.4



#25

2-Butanone

Concen: 3.18 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW002310.D

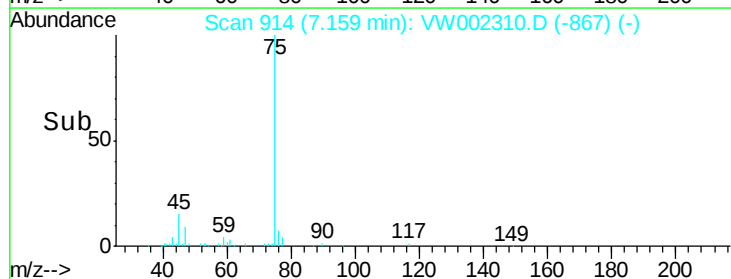
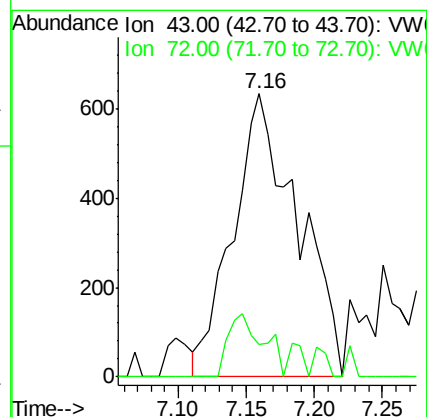
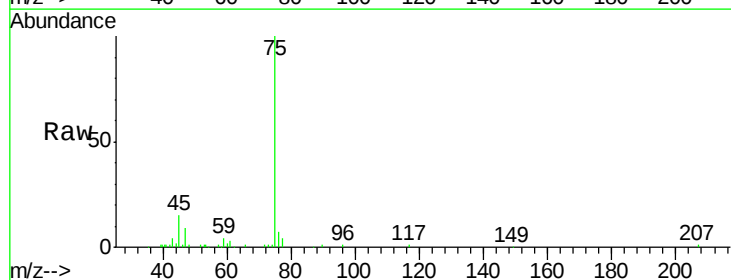
Acq: 08 May 2018 23:34

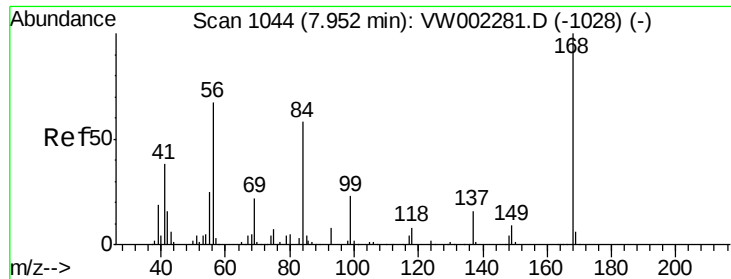
Tgt Ion: 43 Resp: 2103

Ion Ratio Lower Upper

43 100

72 11.7 20.6 31.0#

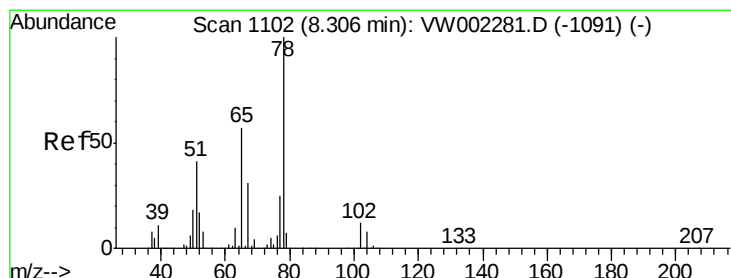
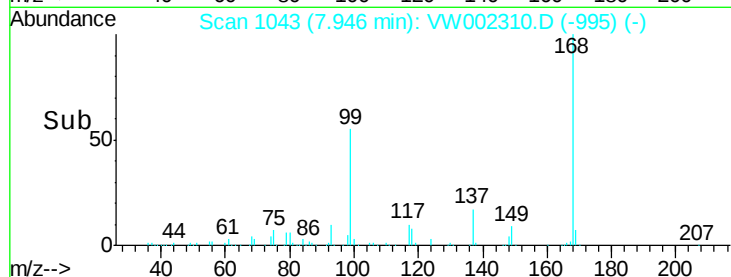
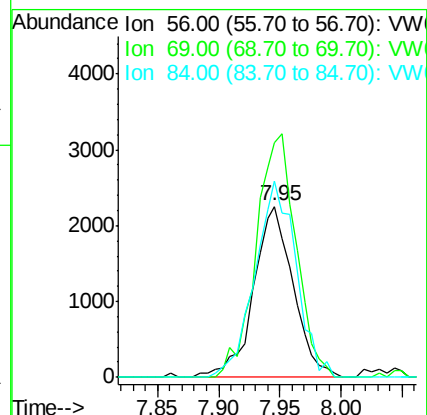
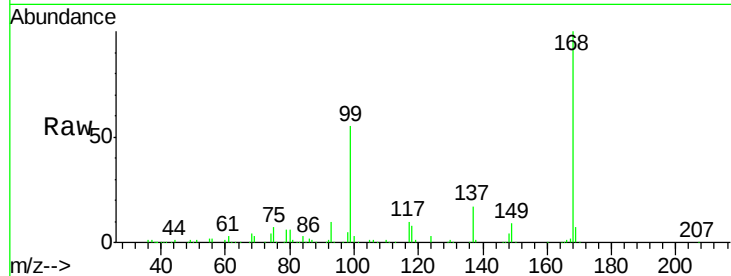




#31
Cyclohexane
Concen: 1.50 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW002310.D
Acq: 08 May 2018 23:34

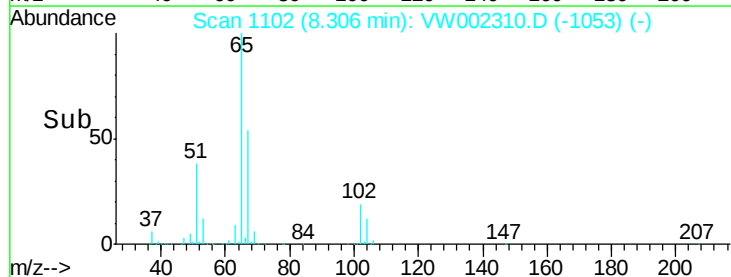
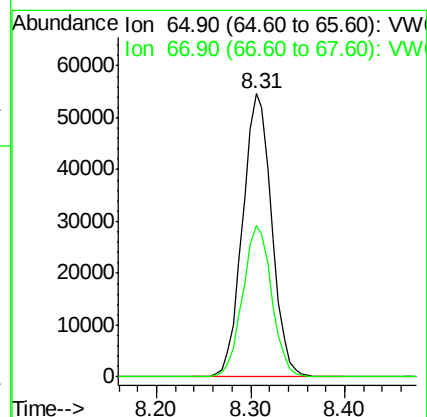
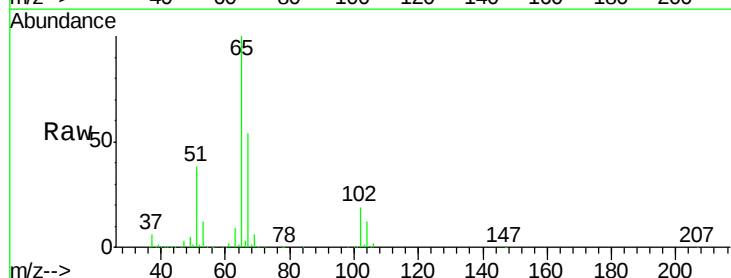
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBL02

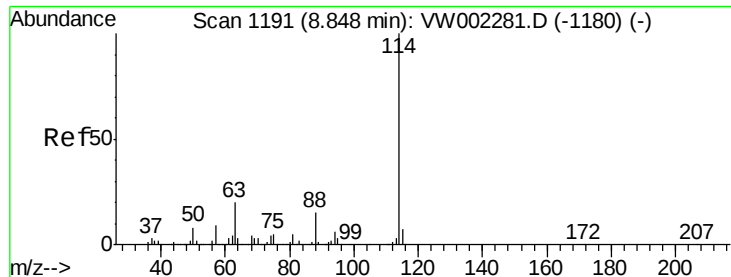
Tgt Ion: 56 Resp: 5096
Ion Ratio Lower Upper
56 100
69 136.7 26.2 39.4#
84 114.6 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 51.52 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW002310.D
Acq: 08 May 2018 23:34

Tgt Ion: 65 Resp: 117544
Ion Ratio Lower Upper
65 100
67 53.6 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: VW002310.D

Acq: 08 May 2018 23:34

Instrument :

MSVOA_W

ClientSampleId :

VW0508SBL02

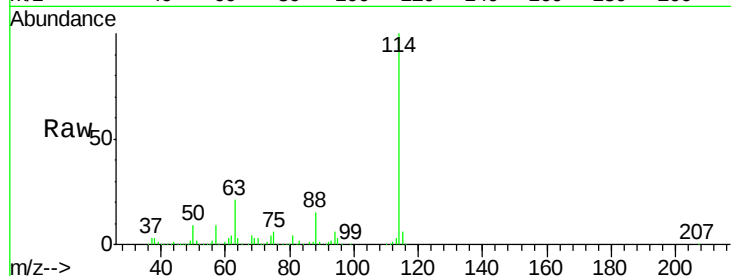
Tgt Ion:114 Resp: 339232

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

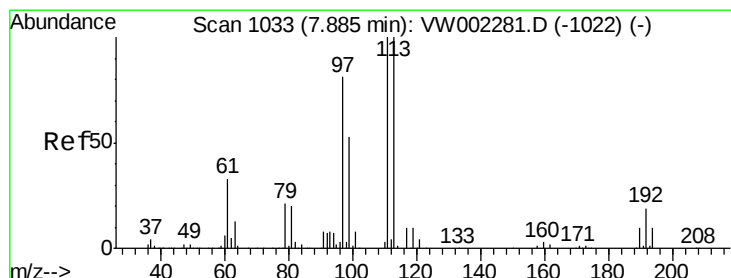
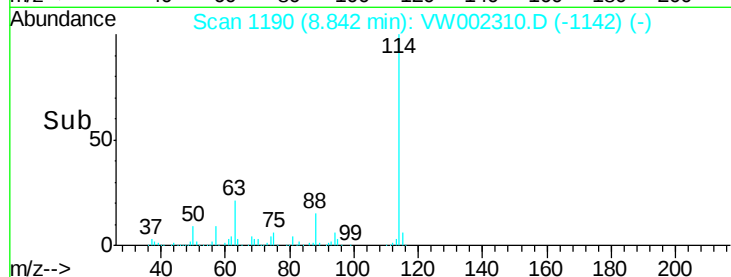
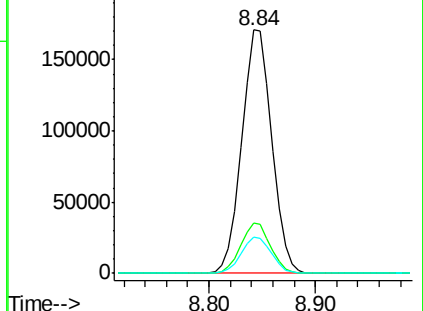
88 15.1 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 49.27 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002310.D

Acq: 08 May 2018 23:34

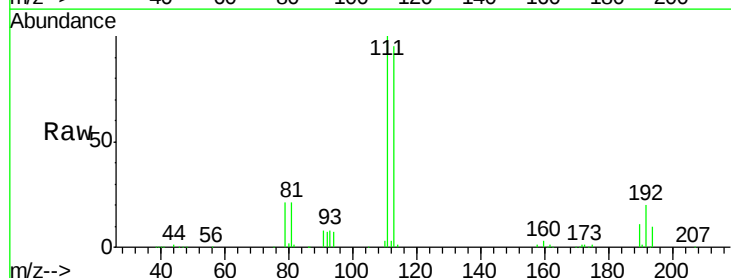
Tgt Ion:113 Resp: 107136

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

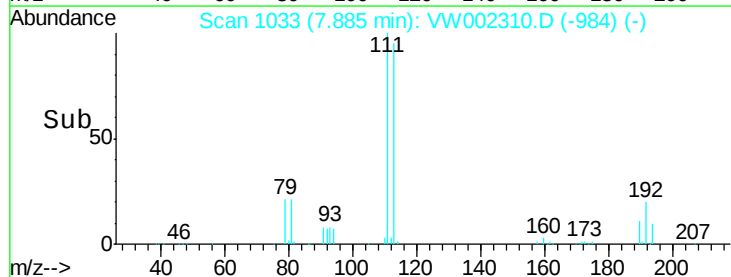
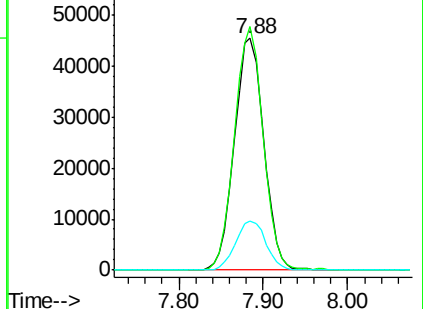
192 21.7 16.4 24.6

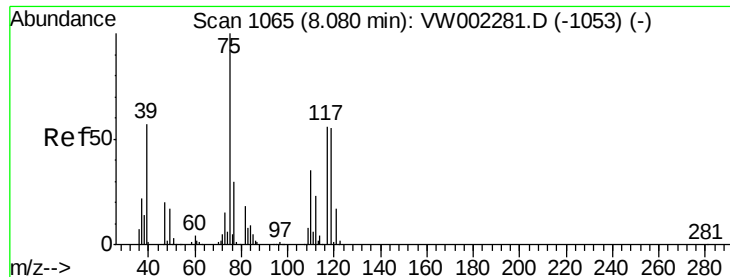


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

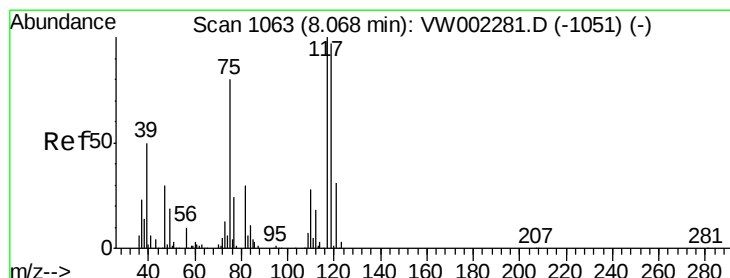
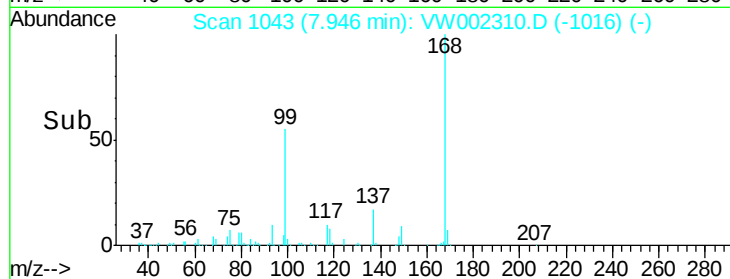
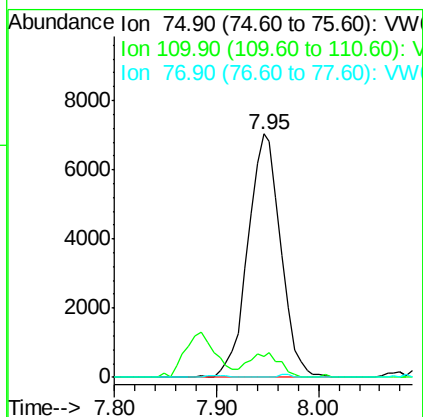
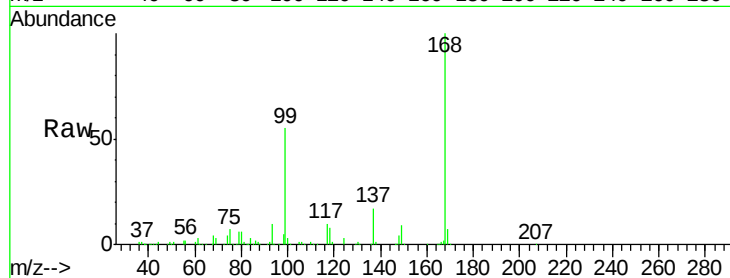




#36
 1,1-Dichloropropene
 Concen: 5.13 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002310.D
 Acq: 08 May 2018 23:34

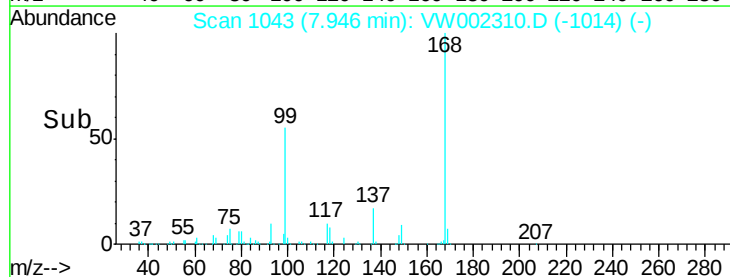
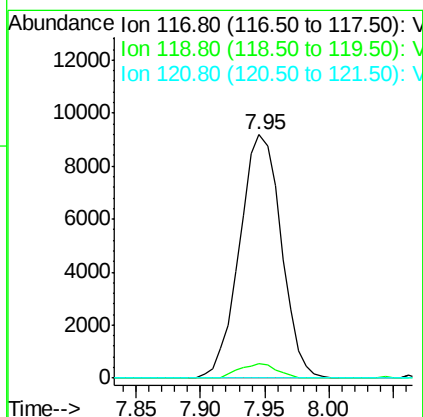
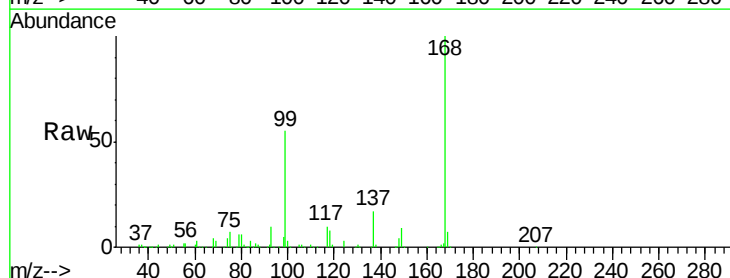
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBL02

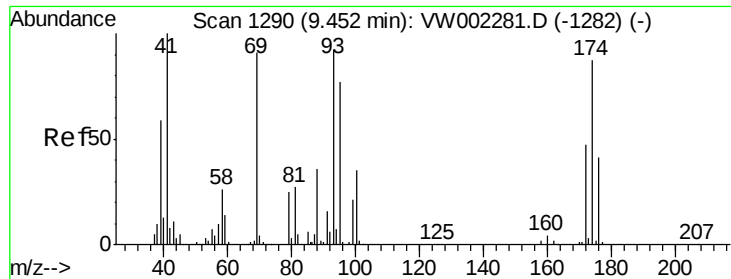
Tgt Ion: 75 Resp: 15739
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.1 54.1#
 77 0.3 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.94 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.12 min
 Lab File: VW002310.D
 Acq: 08 May 2018 23:34

Tgt Ion: 117 Resp: 20592
 Ion Ratio Lower Upper
 117 100
 119 5.8 77.5 116.3#
 121 0.0 24.4 36.6#

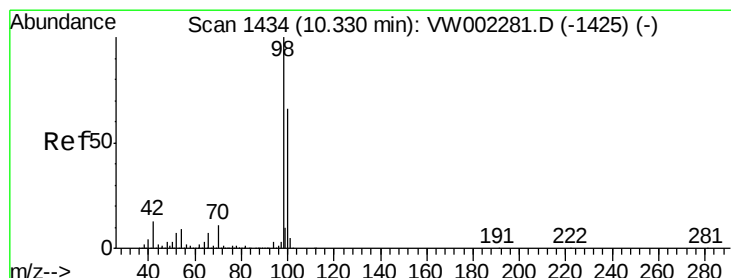
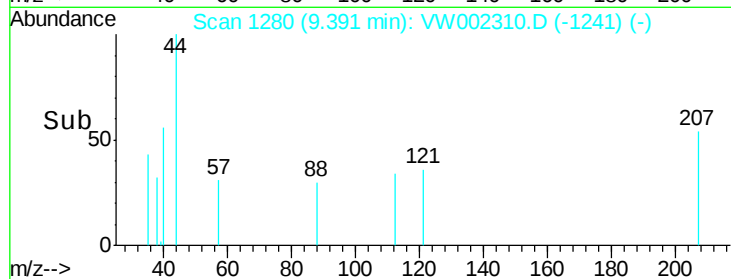
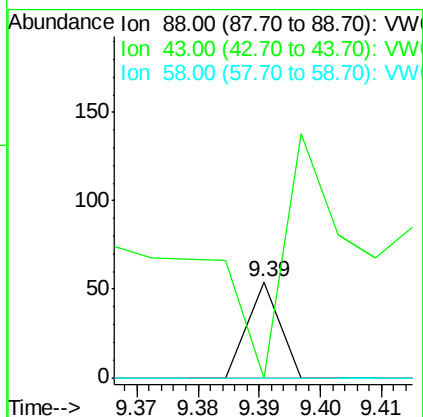
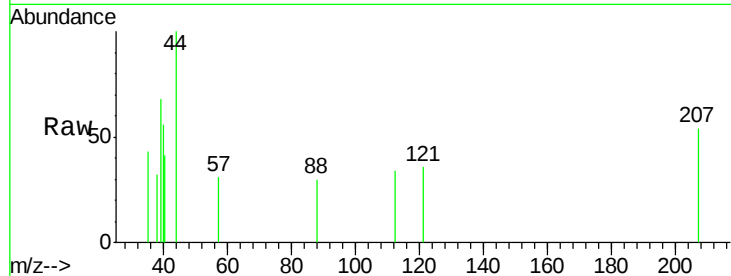




#49
1,4-Dioxane
Concen: 1.00 ug/l
RT: 9.39 min Scan# 1280
Delta R.T. -0.06 min
Lab File: VW002310.D
Acq: 08 May 2018 23:34

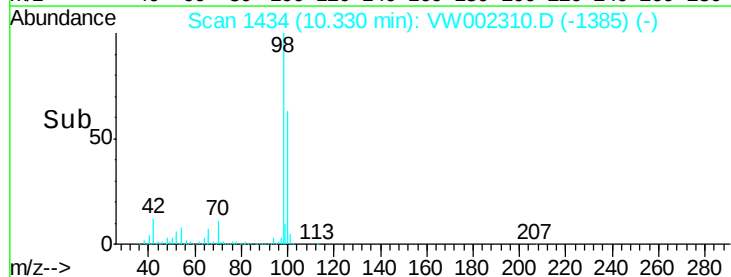
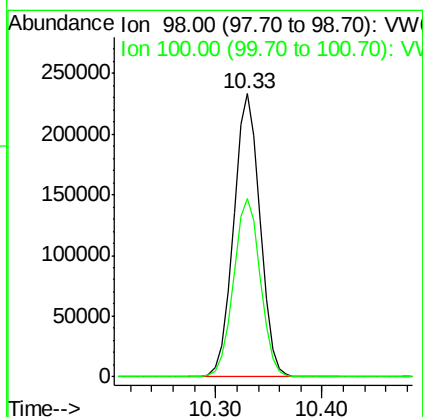
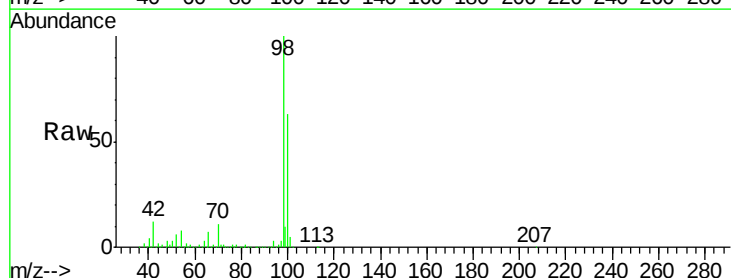
Instrument :
MSVOA_W
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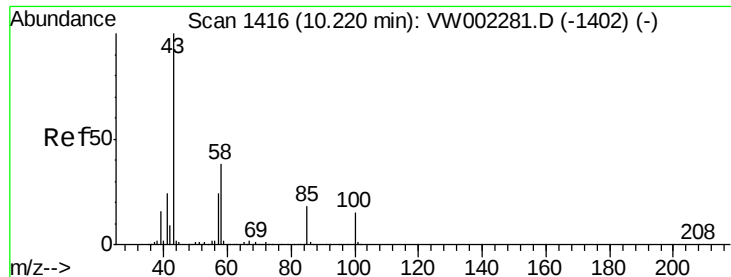
Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 785.0 26.3 39.5#
58 0.0 56.0 84.0#



#50
Toluene-d8
Concen: 48.72 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW002310.D
Acq: 08 May 2018 23:34

Tgt Ion: 98 Resp: 403995
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 1.06 ug/l

RT: 10.23 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VW002310.D

Acq: 08 May 2018 23:34

Instrument :

MSVOA_W

ClientSampleId :

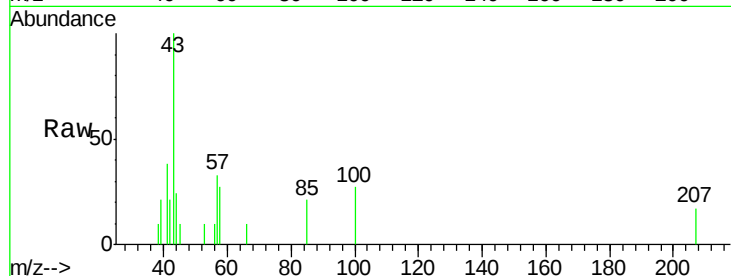
VW0508SBL02

Tgt Ion: 43 Resp: 1651

Ion Ratio Lower Upper

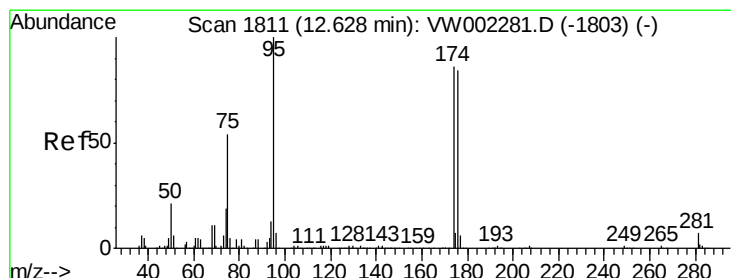
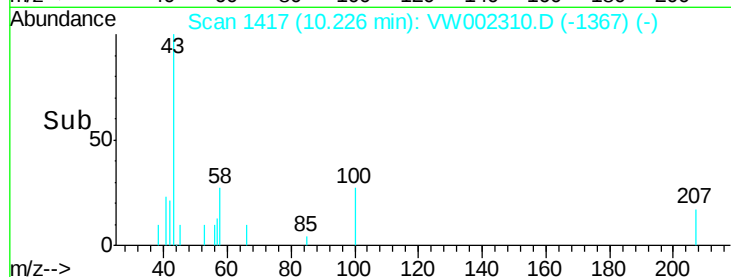
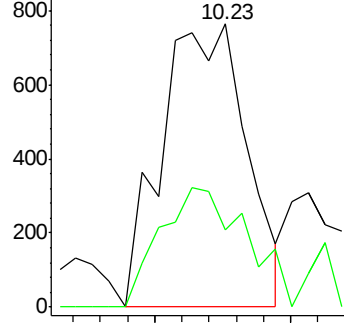
43 100

58 42.6 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 47.57 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002310.D

Acq: 08 May 2018 23:34

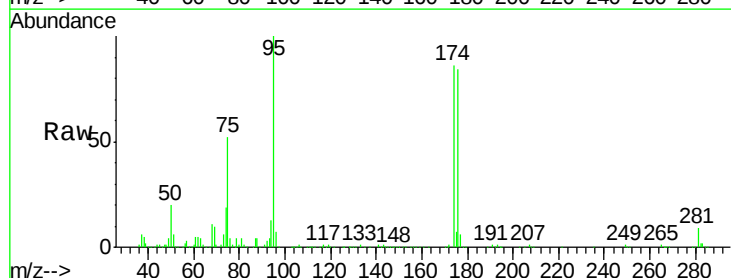
Tgt Ion: 95 Resp: 142527

Ion Ratio Lower Upper

95 100

174 88.9 0.0 176.8

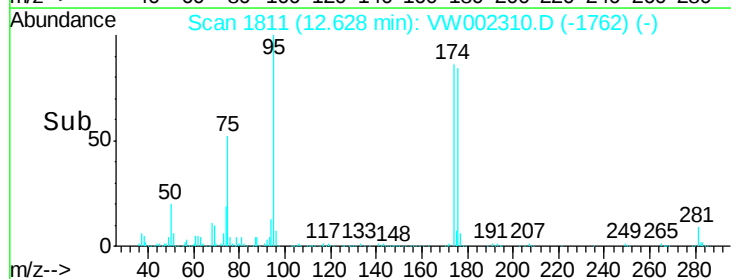
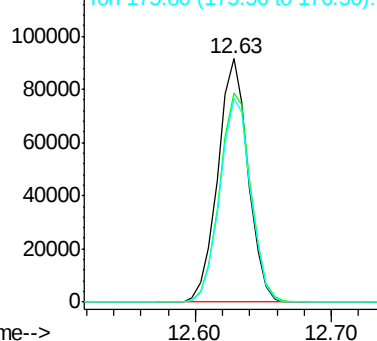
176 85.7 0.0 170.4

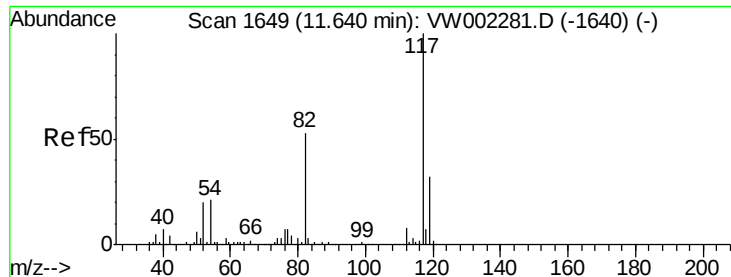


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

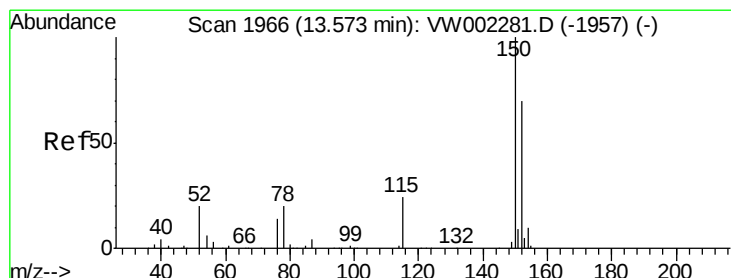
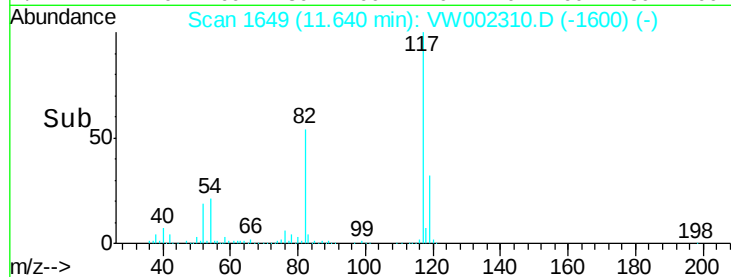
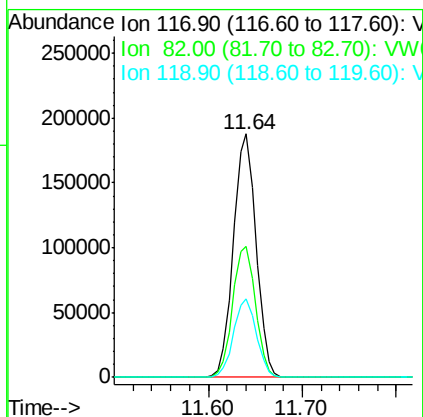
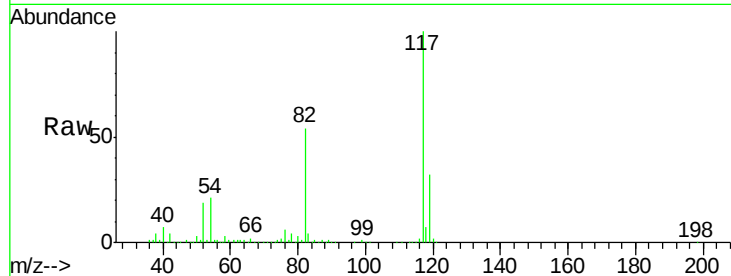




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002310.D
Acq: 08 May 2018 23:34

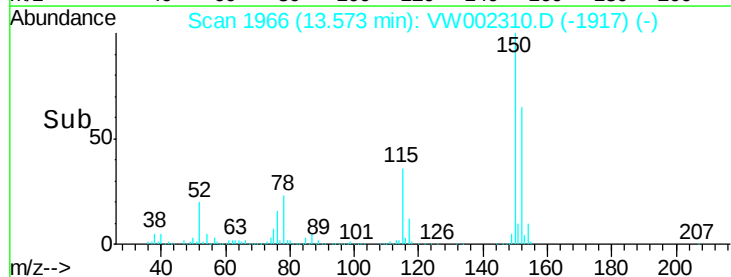
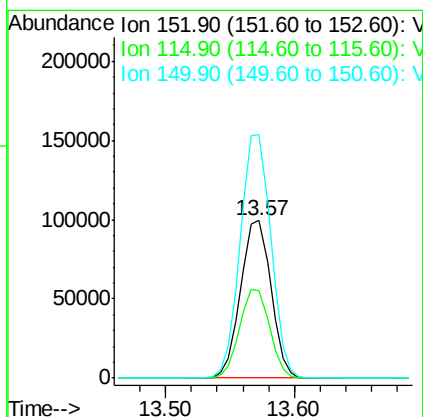
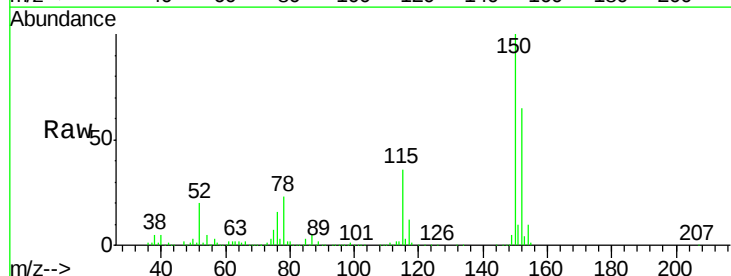
Instrument :
MSVOA_W
ClientSampleId :
VW0508SBL02

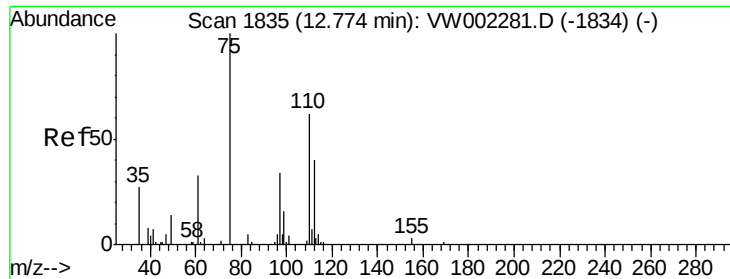
Tgt Ion:117 Resp: 313450
Ion Ratio Lower Upper
117 100
82 53.6 42.6 63.8
119 32.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002310.D
Acq: 08 May 2018 23:34

Tgt Ion:152 Resp: 162168
Ion Ratio Lower Upper
152 100
115 56.4 28.5 85.5
150 156.5 0.0 342.6





#76

1,2,3-Trichloropropane

Concen: 51.15 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002310.D

Acq: 08 May 2018 23:34

Instrument :

MSVOA_W

ClientSampled :

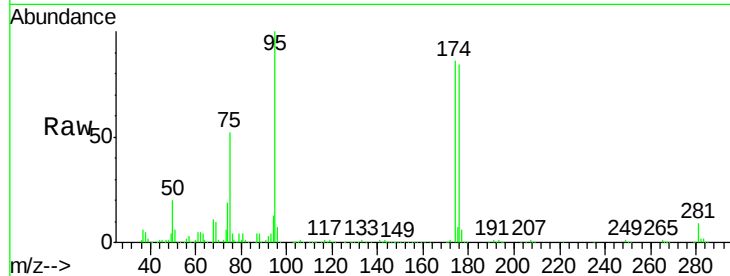
VW0508SBL02

Tgt Ion: 75 Resp: 73559

Ion Ratio Lower Upper

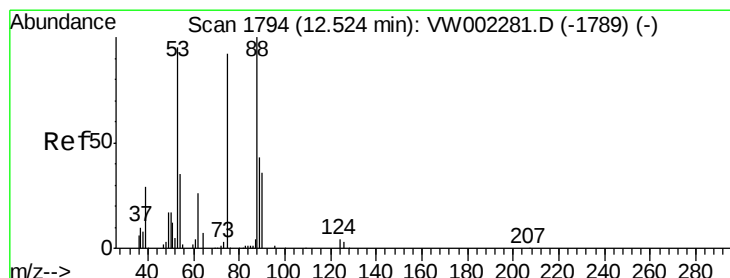
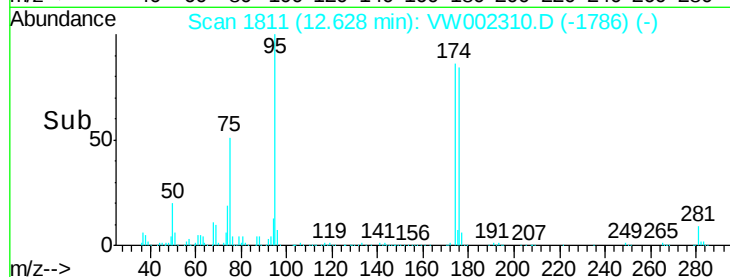
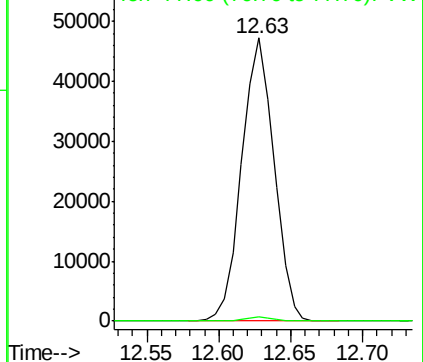
75 100

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: 134.74 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002310.D

Acq: 08 May 2018 23:34

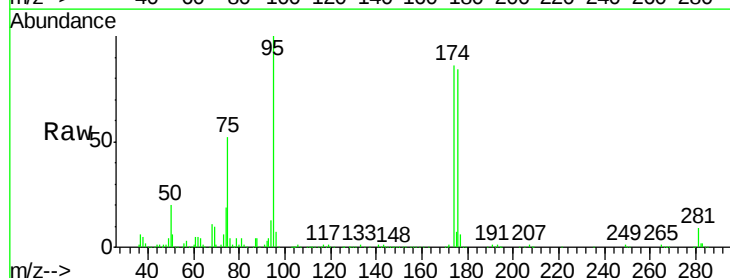
Tgt Ion: 75 Resp: 73559

Ion Ratio Lower Upper

75 100

53 0.0 79.9 119.9#

89 0.2 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

