

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
 Data File : VW005424.D
 Acq On : 17 Sep 2018 11:05
 Operator : SY/AP
 Sample : VW0917SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBL01

Quant Time: Sep 18 01:00:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	288266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	428421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	402323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	199502	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	128049	42.79	ug/l	0.00
Spiked Amount			Recovery	=	85.58%	
35) Dibromofluoromethane	7.89	113	111275	46.32	ug/l	0.00
Spiked Amount			Recovery	=	92.64%	
50) Toluene-d8	10.33	98	518976	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	12.62	95	181399	44.97	ug/l	0.00
Spiked Amount			Recovery	=	89.94%	

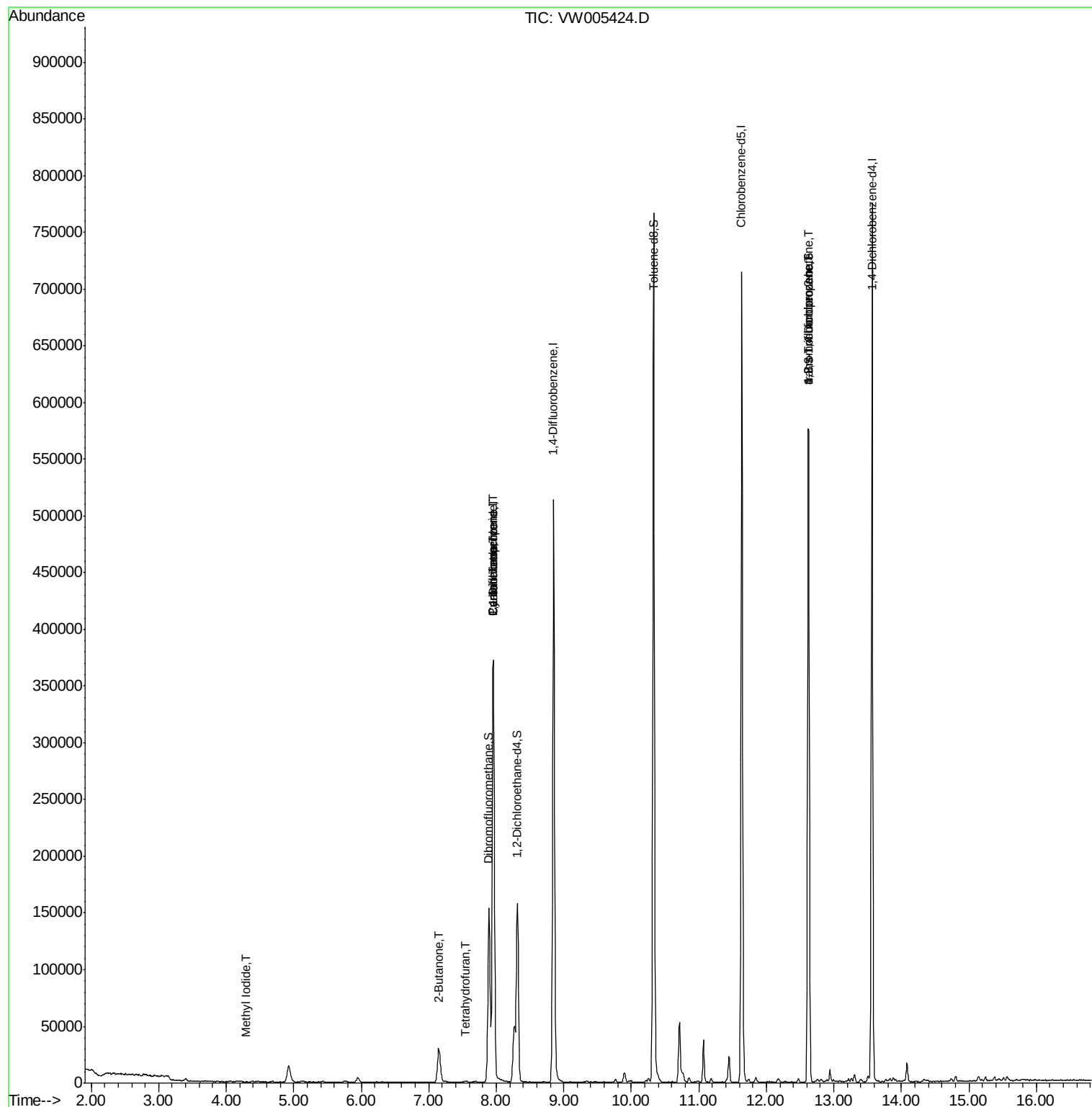
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	457	Below Cal		89
5) Bromomethane	2.79	94	583	Below Cal		98
10) Methyl Iodide	4.28	142	224	4.117 ug/l #		48
11) Tert butyl alcohol	5.22	59	160	Below Cal #		71
13) Acrolein	3.92	56	49	Below Cal #		12
16) Acetone	4.17	43	1598	Below Cal		93
20) Methylene Chloride	4.93	84	10743	Below Cal		94
25) 2-Butanone	7.15	43	2231	3.100 ug/l #		77
29) Tetrahydrofuran	7.55	42	858	1.871 ug/l #		90
31) Cyclohexane	7.95	56	6516	1.364 ug/l #		1
36) 1,1-Dichloropropene	7.95	75	21972	5.419 ug/l #		50
38) Carbon Tetrachloride	7.96	117	28268	6.691 ug/l #		17
76) 1,2,3-Trichloropropane	12.62	75	93559	57.018 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.62	75	93559	147.909 ug/l #		8

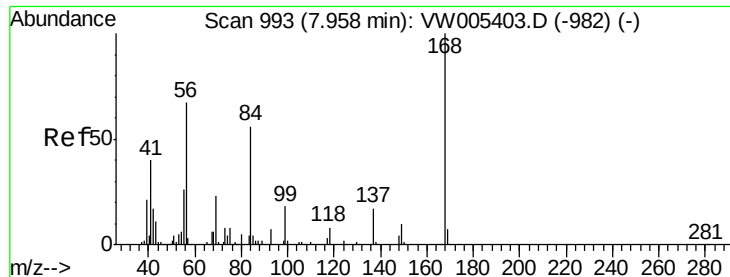
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
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Instrument :
MSVOA_W
ClientSampled :
VW0917SBL01

Quant Time: Sep 18 01:00:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005424.D

Acq: 17 Sep 2018 11:05

Instrument :

MSVOA_W

ClientSampleId :

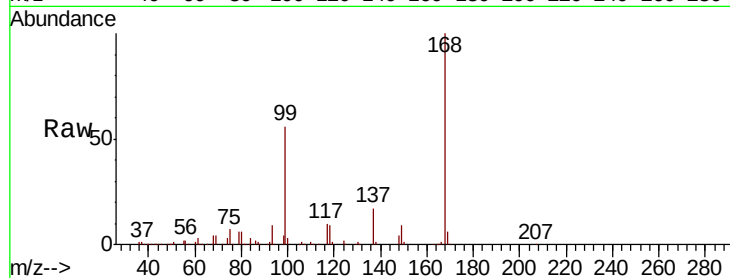
VW0917SBL01

Tgt Ion:168 Resp: 288266

Ion Ratio Lower Upper

168 100

99 56.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

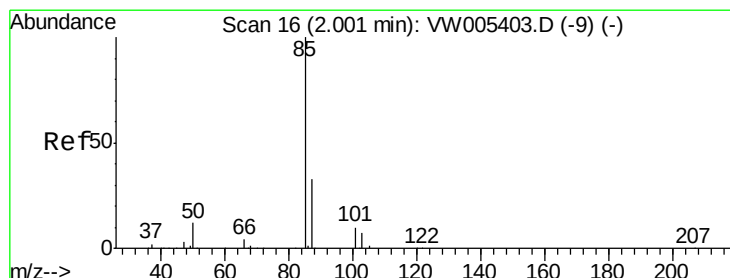
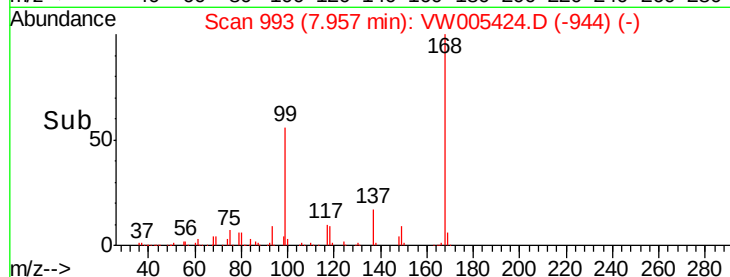
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005424.D

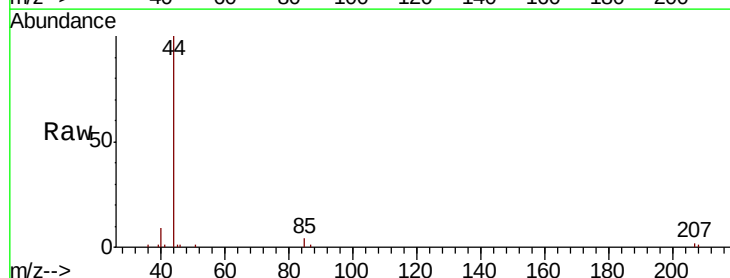
Acq: 17 Sep 2018 11:05

Tgt Ion: 85 Resp: 457

Ion Ratio Lower Upper

85 100

87 26.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

400

300

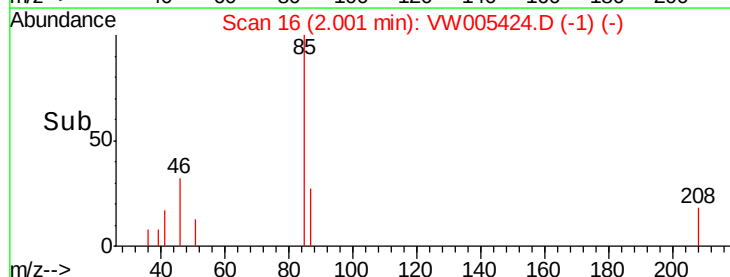
200

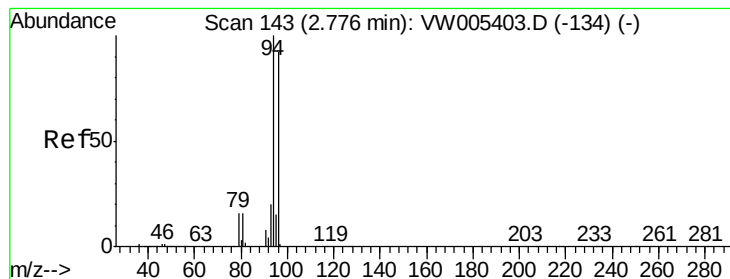
100

0

Time-->

1.95 2.00 2.05





#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 146

Delta R.T. 0.02 min

Lab File: VW005424.D

Acq: 17 Sep 2018 11:05

Instrument :

MSVOA_W

ClientSampleId :

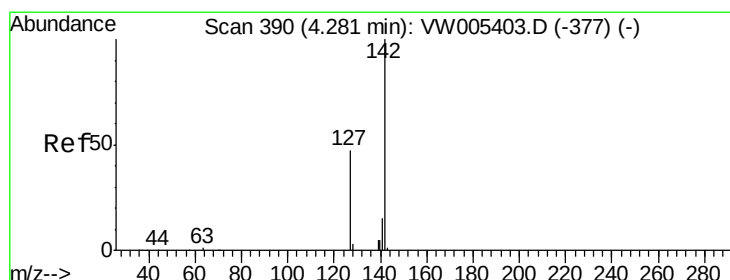
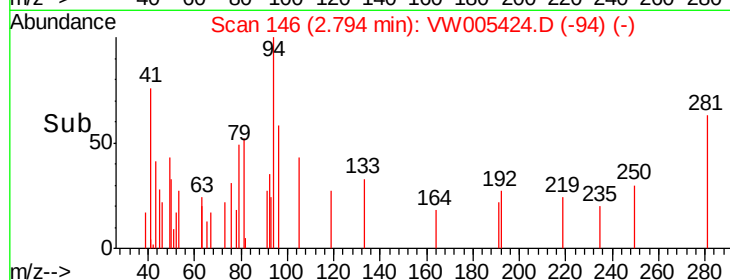
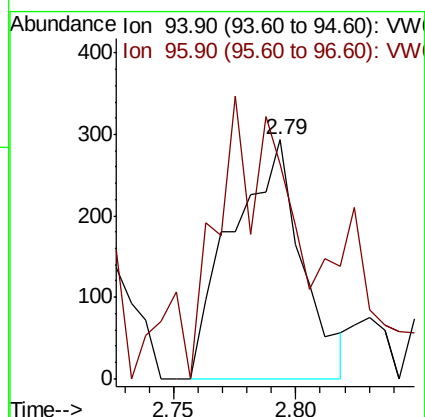
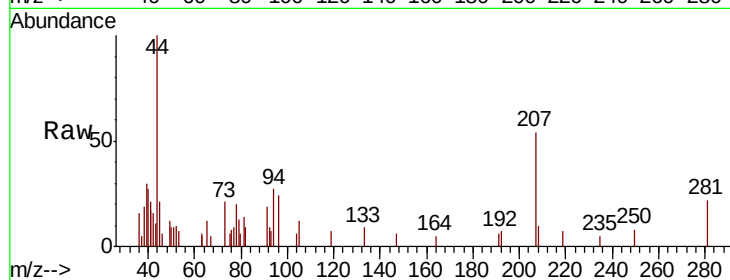
VW0917SBL01

Tgt Ion: 94 Resp: 583

Ion Ratio Lower Upper

94 100

96 90.1 73.7 110.5



#10

Methyl Iodide

Concen: 4.117 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.00 min

Lab File: VW005424.D

Acq: 17 Sep 2018 11:05

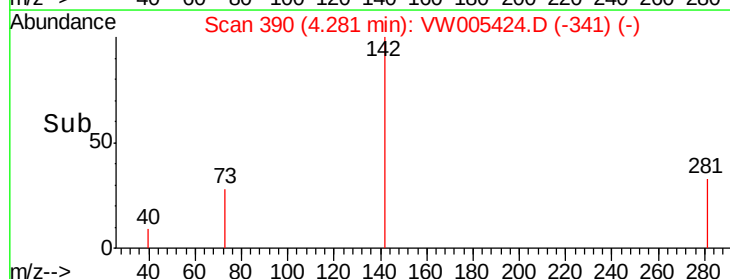
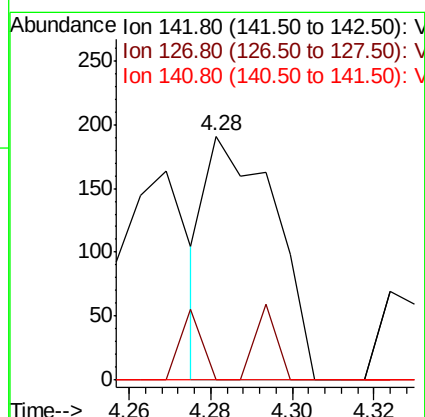
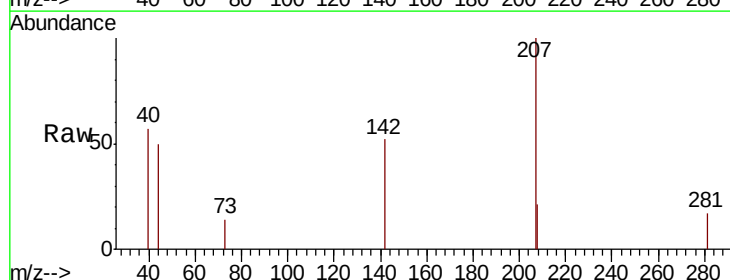
Tgt Ion: 142 Resp: 224

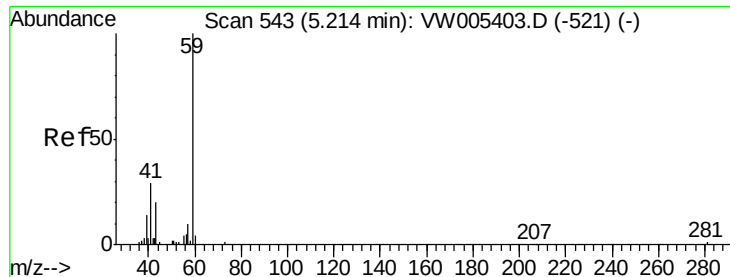
Ion Ratio Lower Upper

142 100

127 8.9 37.5 56.3#

141 0.0 12.4 18.6#

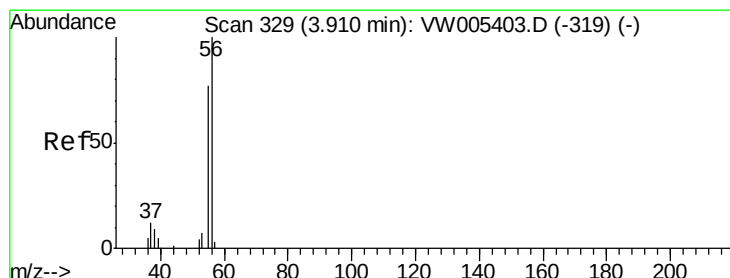
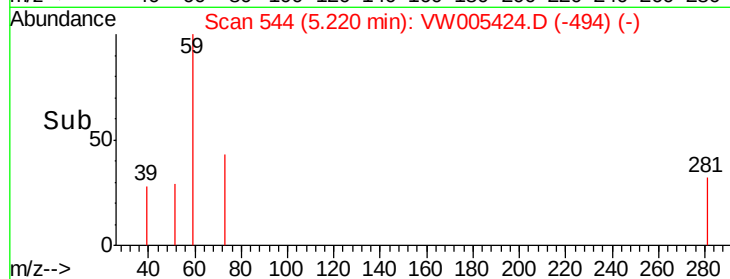
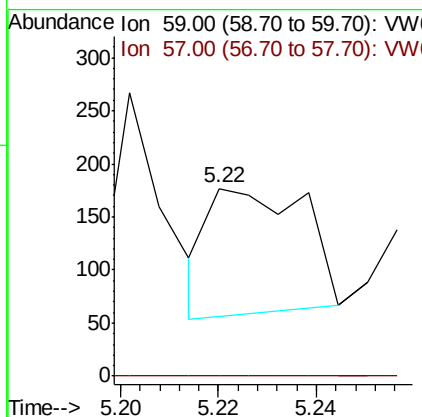
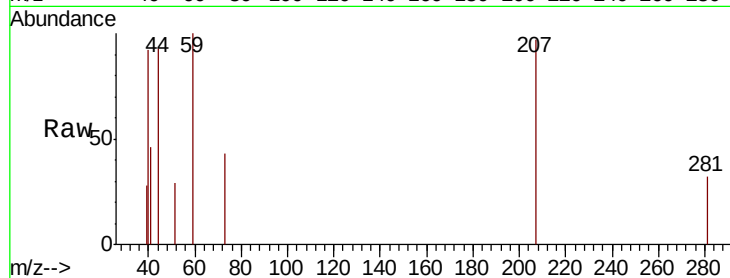




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW005424.D
Acq: 17 Sep 2018 11:05

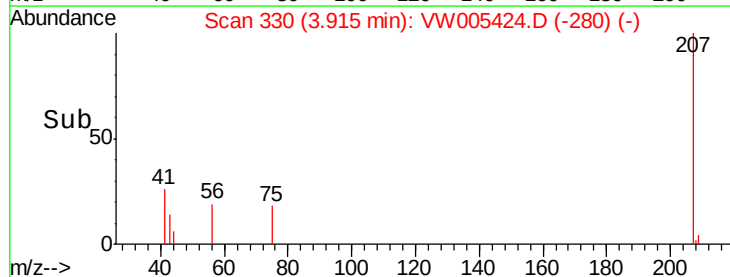
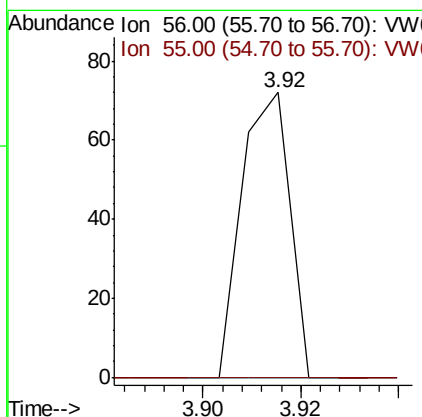
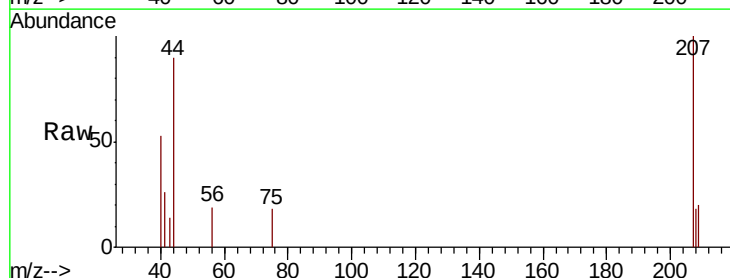
Instrument :
MSVOA_W
ClientSampleId :
VW0917SBL01

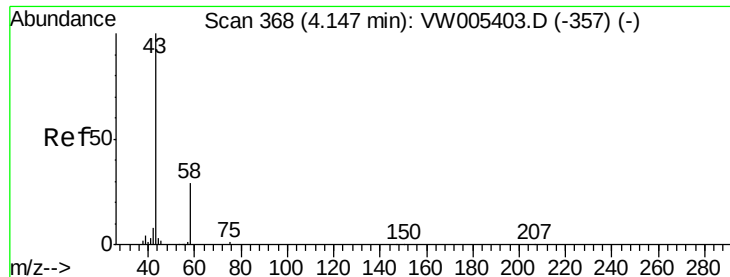
Tgt Ion: 59 Resp: 160
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: Below Cal
RT: 3.92 min Scan# 330
Delta R.T. 0.01 min
Lab File: VW005424.D
Acq: 17 Sep 2018 11:05

Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
55 0.0 59.8 89.8#





#16

Acetone

Concen: Below Cal

RT: 4.17 min Scan# 371

Delta R.T. 0.02 min

Lab File: VW005424.D

Acq: 17 Sep 2018 11:05

Instrument :

MSVOA_W

ClientSampleId :

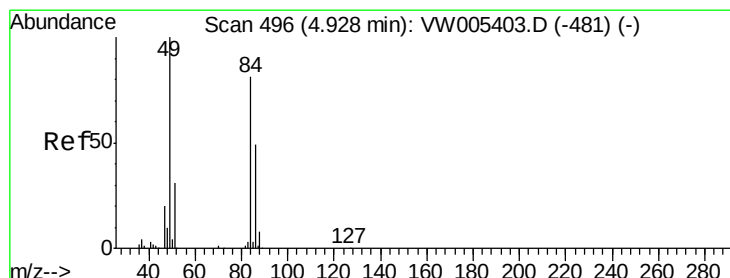
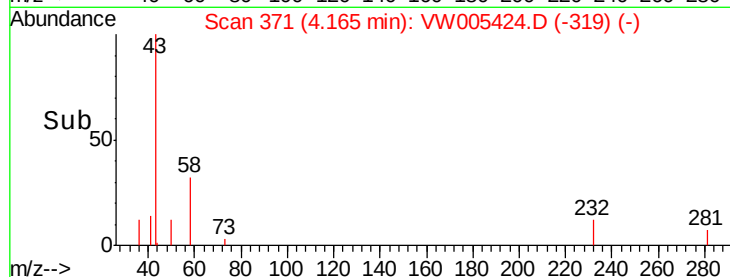
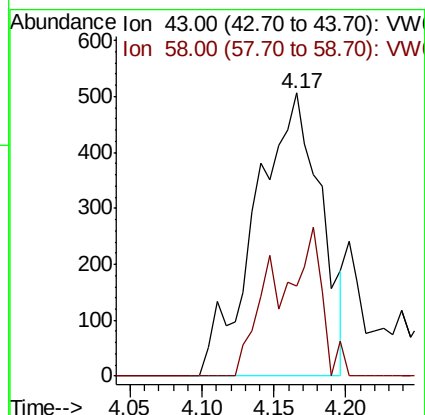
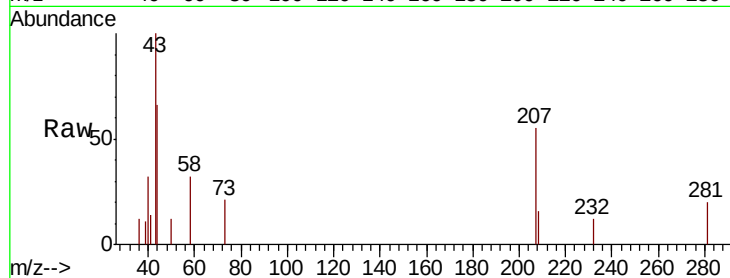
VW0917SBL01

Tgt Ion: 43 Resp: 1598

Ion Ratio Lower Upper

43 100

58 32.0 22.8 34.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW005424.D

Acq: 17 Sep 2018 11:05

Tgt Ion: 84 Resp: 10743

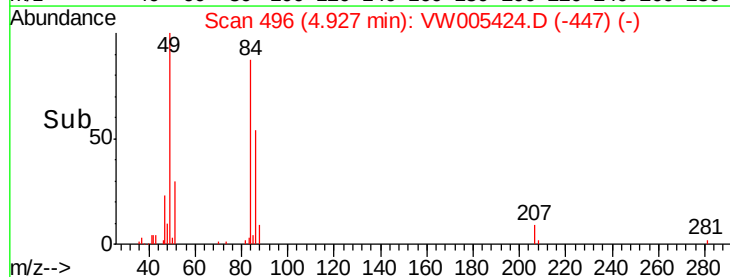
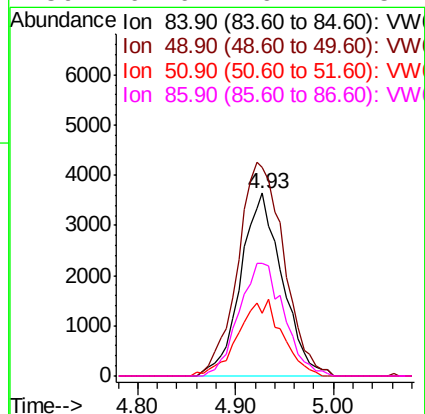
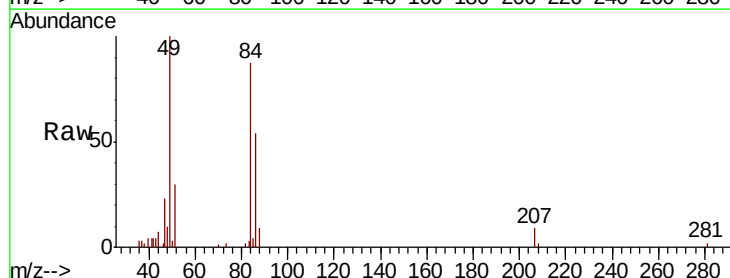
Ion Ratio Lower Upper

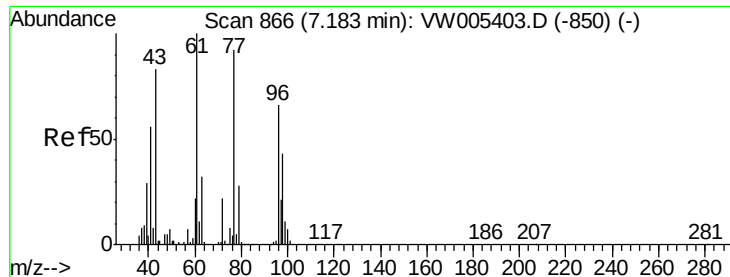
84 100

49 114.3 99.3 148.9

51 34.2 31.1 46.7

86 61.6 49.1 73.7





#25

2-Butanone

Concen: 3.100 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW005424.D

Acq: 17 Sep 2018 11:05

Instrument :

MSVOA_W

ClientSampleId :

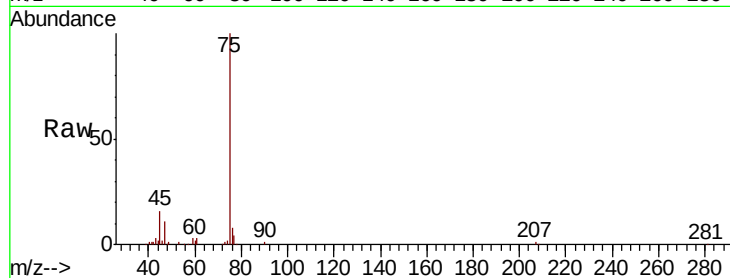
VW0917SBL01

Tgt Ion: 43 Resp: 2231

Ion Ratio Lower Upper

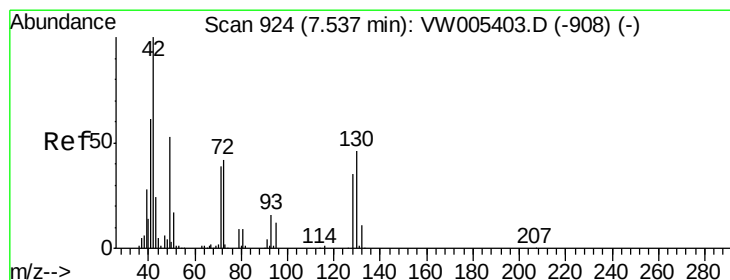
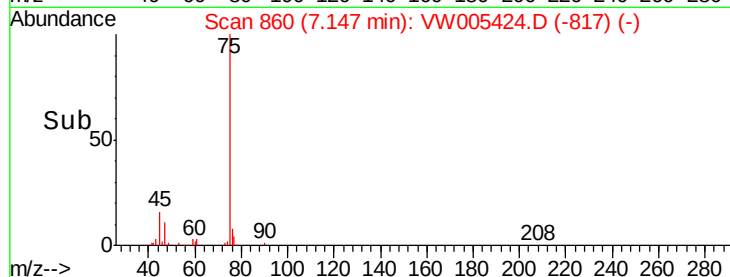
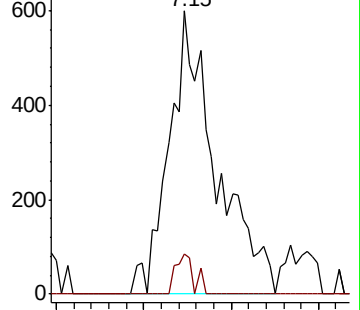
43 100

72 14.4 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.871 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW005424.D

Acq: 17 Sep 2018 11:05

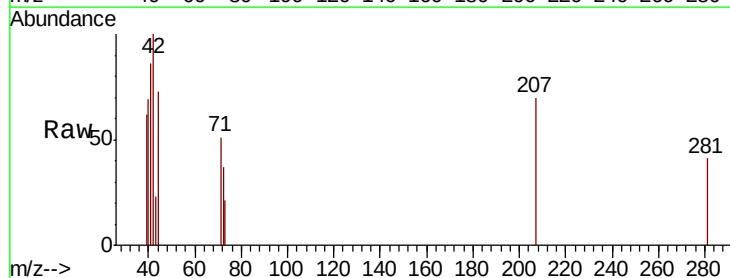
Tgt Ion: 42 Resp: 858

Ion Ratio Lower Upper

42 100

72 29.7 33.2 49.8#

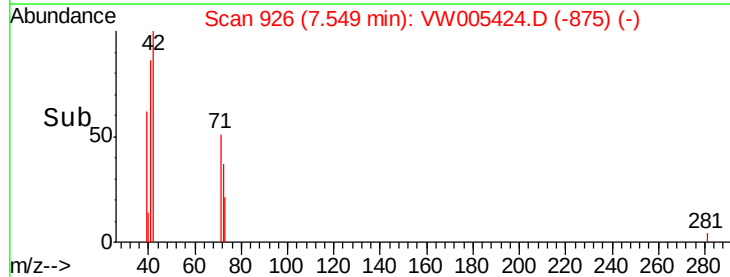
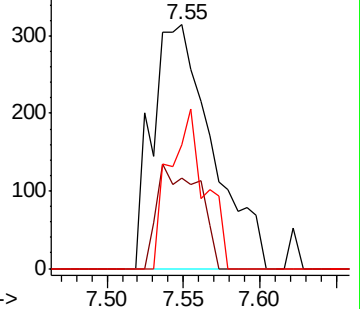
71 38.9 31.0 46.6

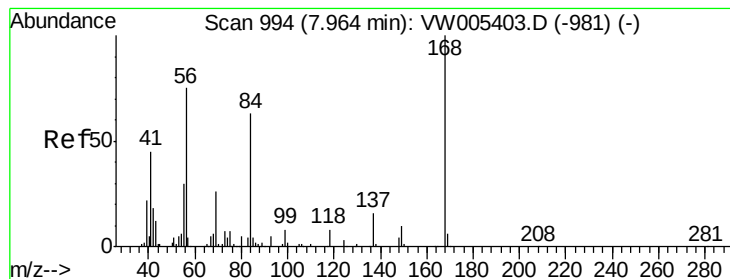


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.364 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005424.D

Acq: 17 Sep 2018 11:05

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBL01

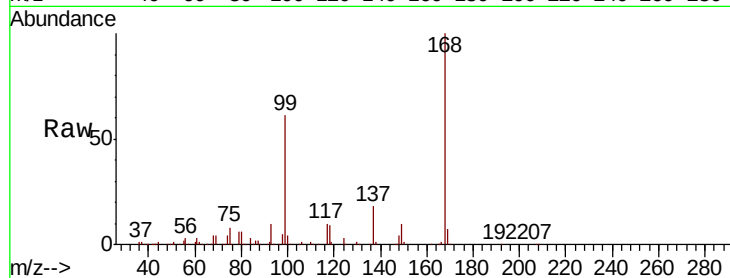
Tgt Ion: 56 Resp: 6516

Ion Ratio Lower Upper

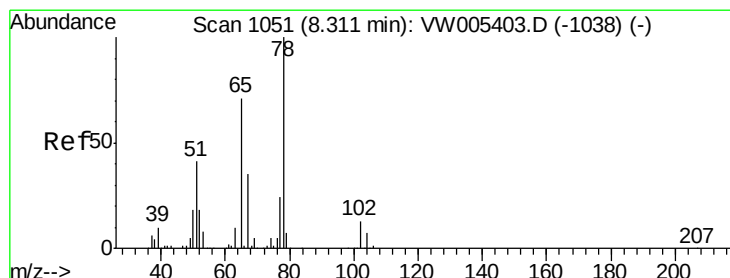
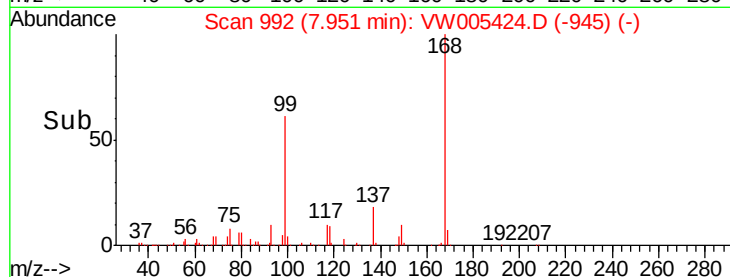
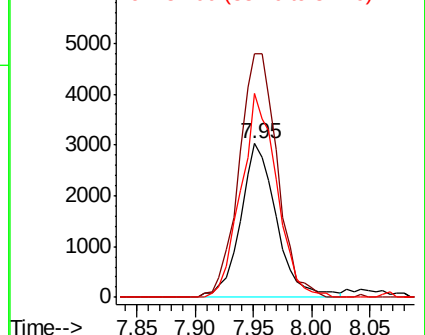
56 100

69 158.2 27.2 40.8#

84 132.5 66.7 100.1#



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: 42.794 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005424.D

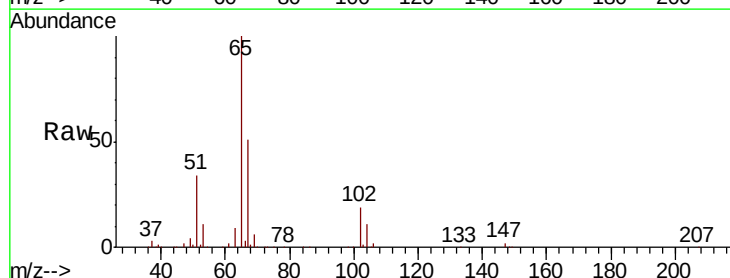
Acq: 17 Sep 2018 11:05

Tgt Ion: 65 Resp: 128049

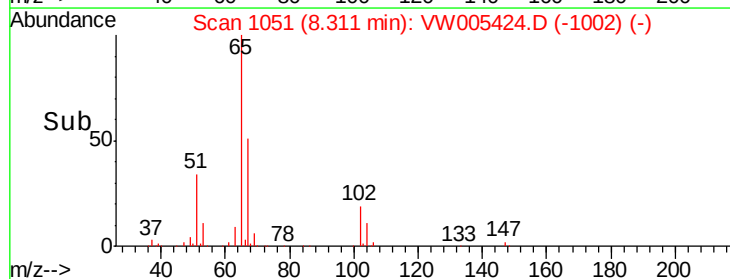
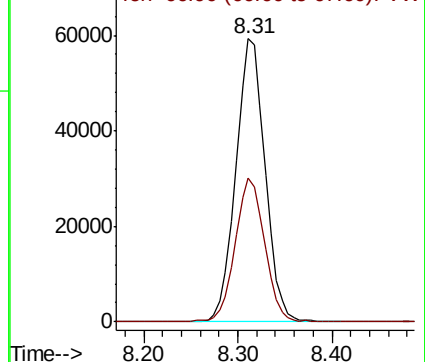
Ion Ratio Lower Upper

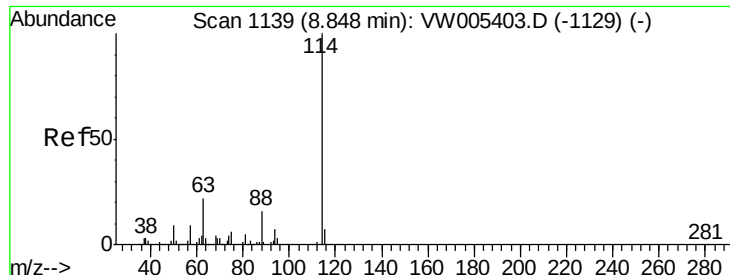
65 100

67 51.3 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

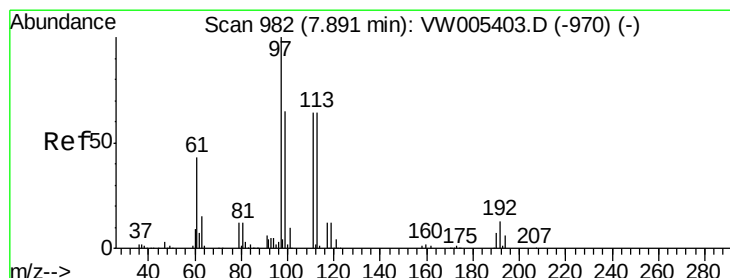
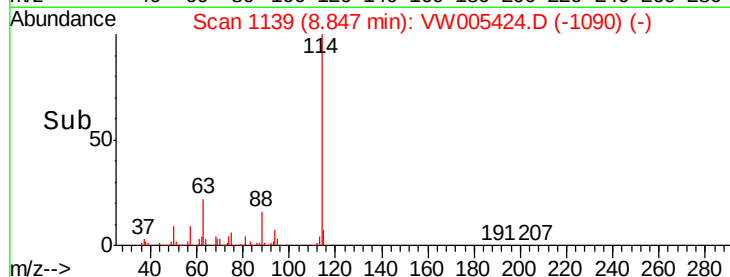
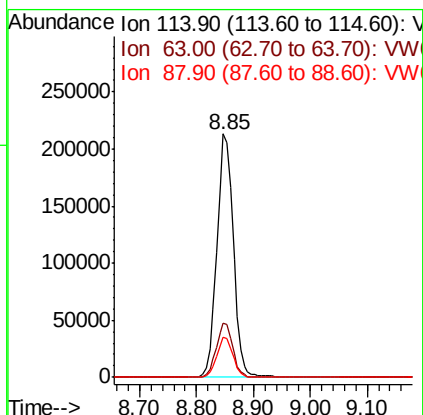
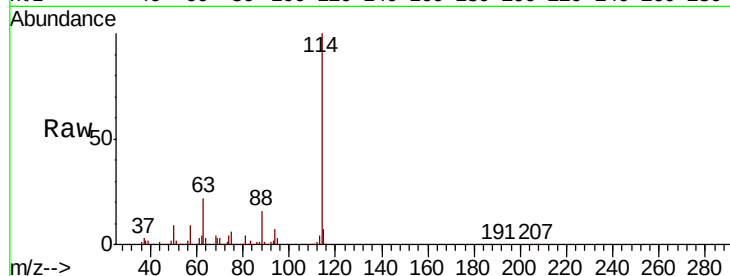




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005424.D
 Acq: 17 Sep 2018 11:05

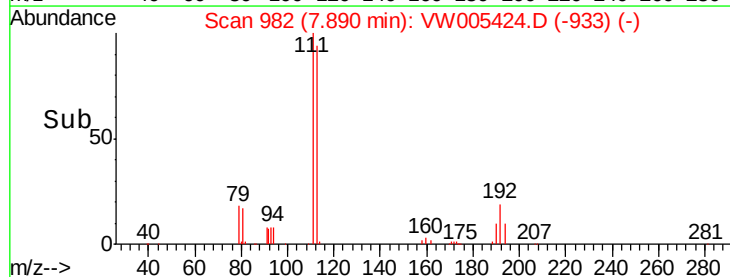
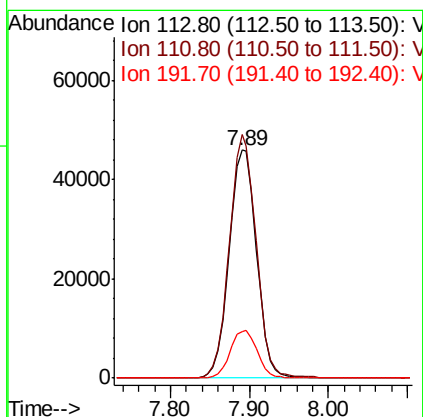
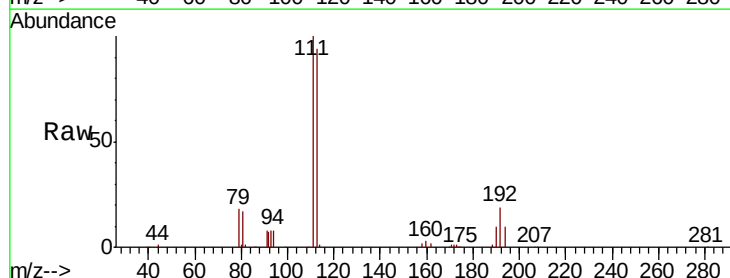
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBL01

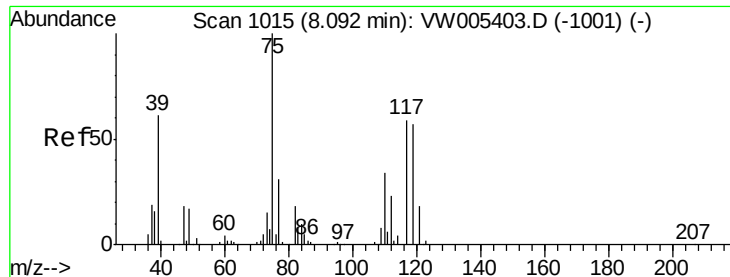
Tgt Ion:114 Resp: 428421
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.4
 88 16.2 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 46.324 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005424.D
 Acq: 17 Sep 2018 11:05

Tgt Ion:113 Resp: 111275
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.3 123.5
 192 20.5 16.5 24.7

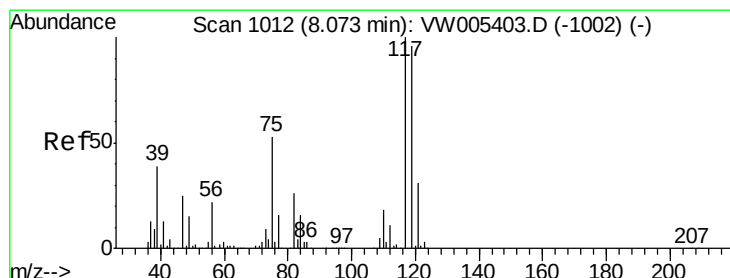
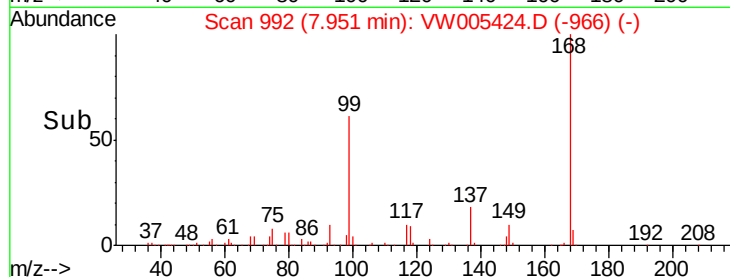
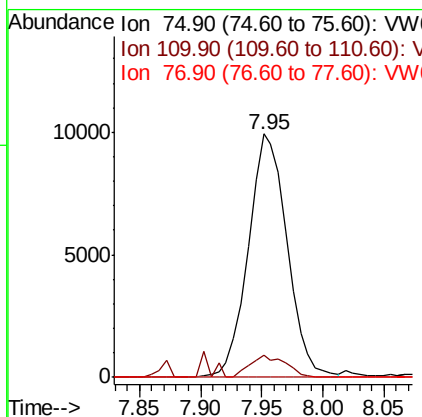
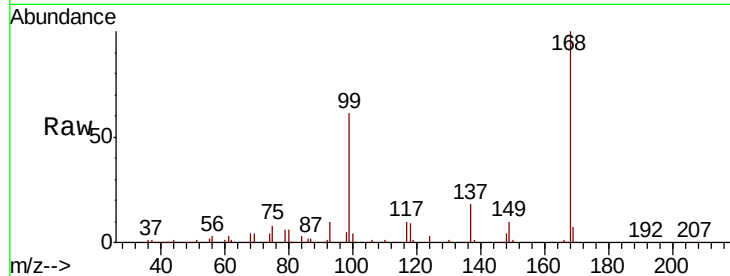




#36
 1,1-Dichloropropene
 Concen: 5.419 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.14 min
 Lab File: VW005424.D
 Acq: 17 Sep 2018 11:05

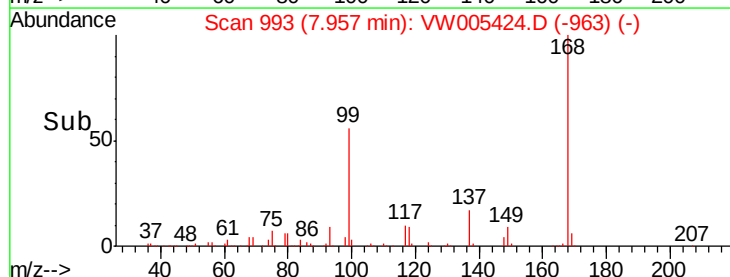
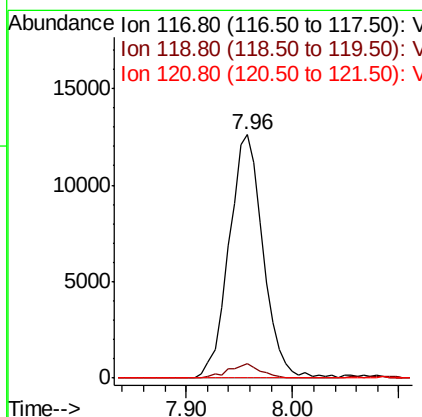
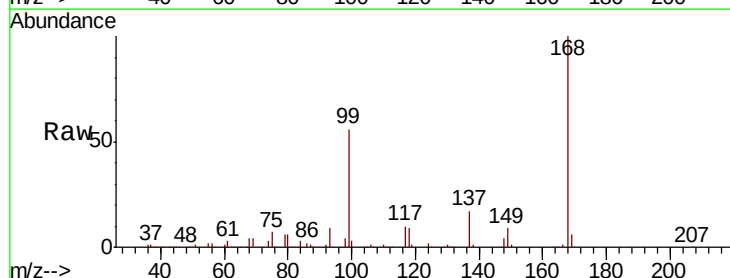
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBL01

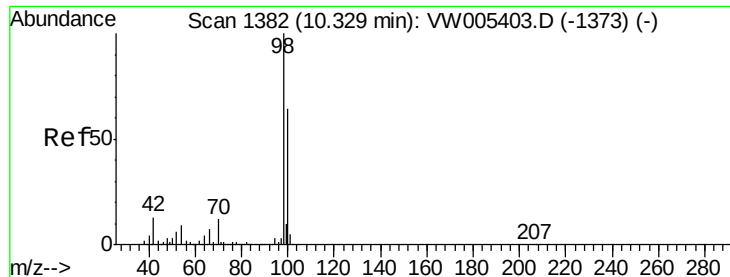
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.8	50.4#
77	0.0	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 6.691 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW005424.D
 Acq: 17 Sep 2018 11:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	76.8	115.2#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 47.177 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005424.D

Acq: 17 Sep 2018 11:05

Instrument :

MSVOA_W

ClientSampleId :

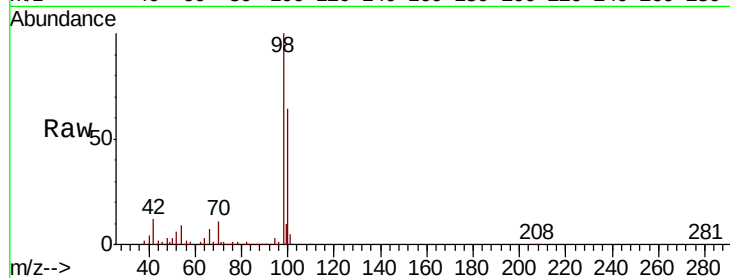
VW0917SBL01

Tgt Ion: 98 Resp: 518976

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

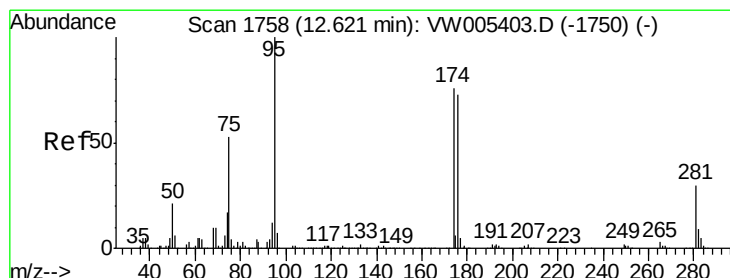
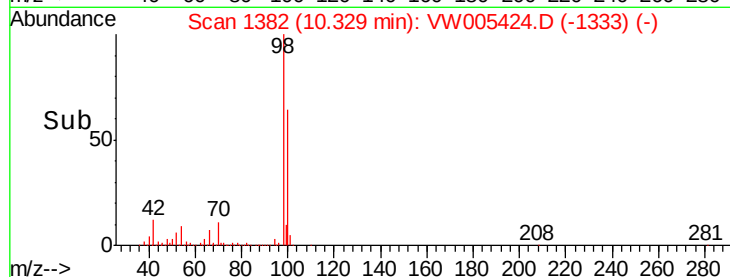
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 44.973 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005424.D

Acq: 17 Sep 2018 11:05

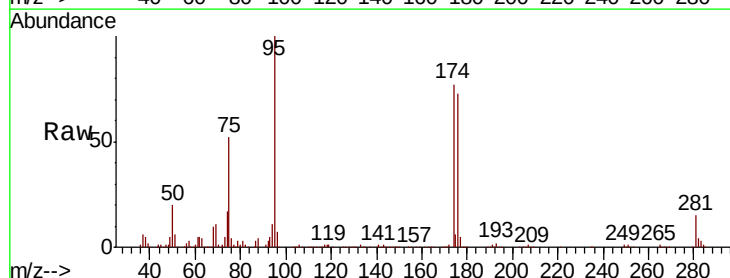
Tgt Ion: 95 Resp: 181399

Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.2

176 78.0 0.0 156.6



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

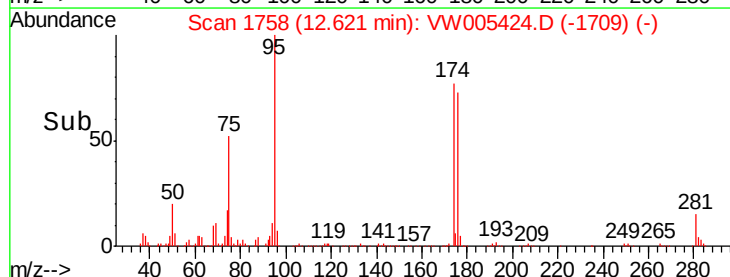
150000

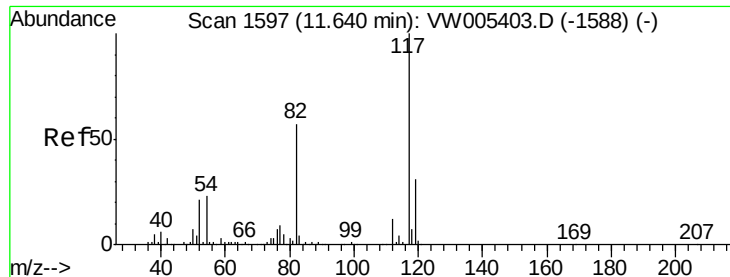
100000

50000

0

Time--> 12.60 12.70

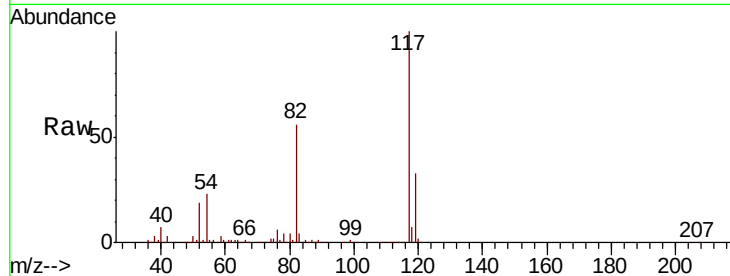




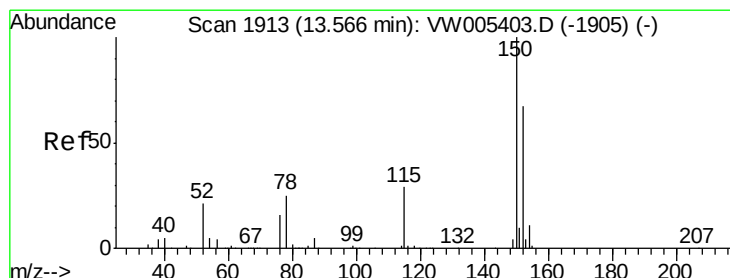
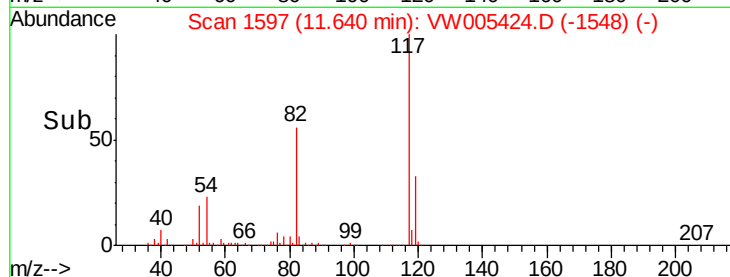
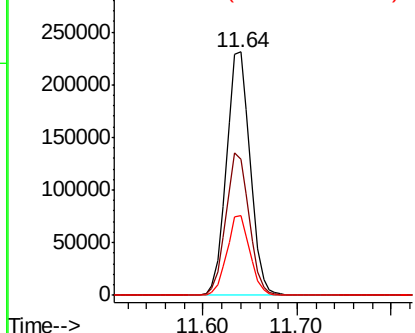
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005424.D
Acq: 17 Sep 2018 11:05

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBL01

Tgt Ion:117 Resp: 402323
Ion Ratio Lower Upper
117 100
82 55.8 45.9 68.9
119 32.6 24.8 37.2

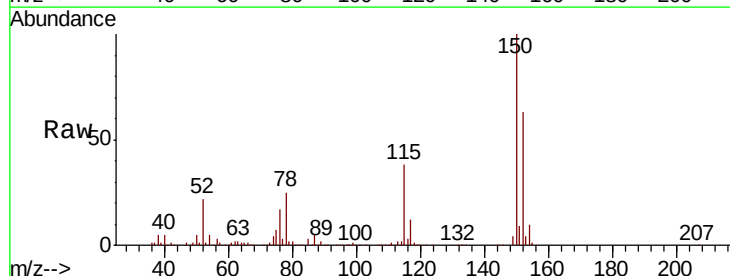


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

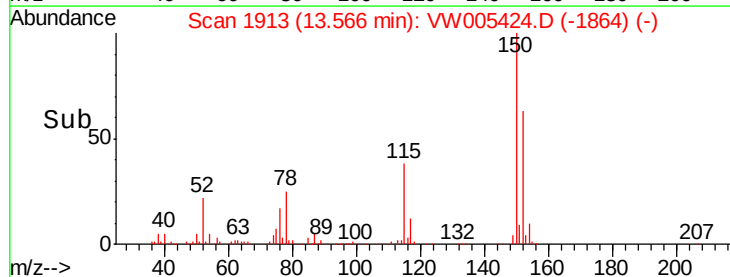
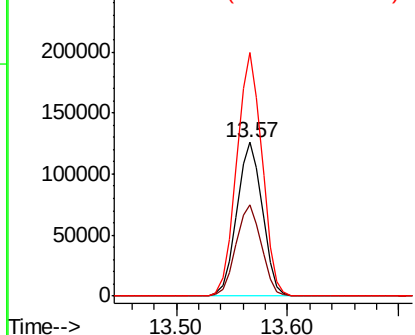


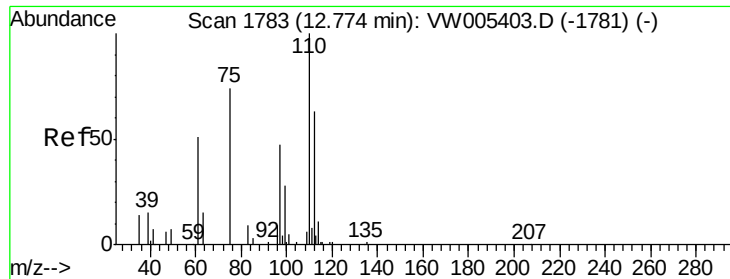
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005424.D
Acq: 17 Sep 2018 11:05

Tgt Ion:152 Resp: 199502
Ion Ratio Lower Upper
152 100
115 59.3 29.5 88.5
150 156.9 0.0 345.6



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

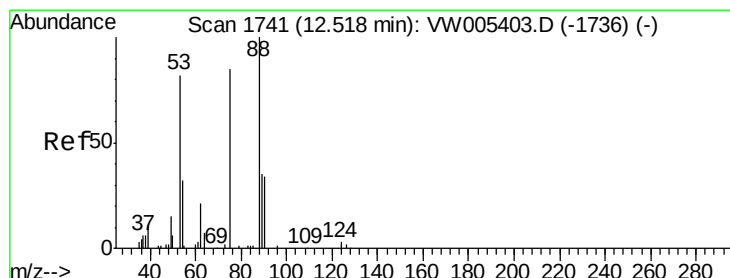
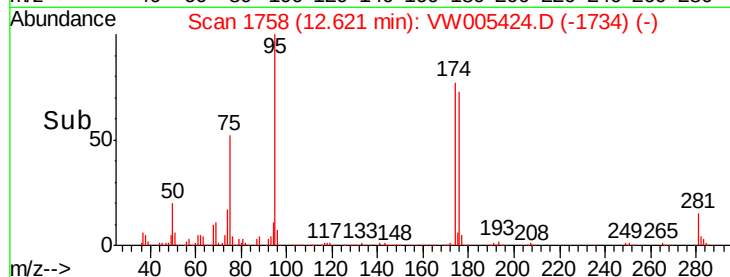
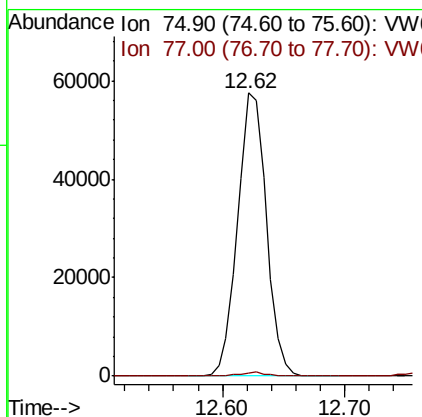
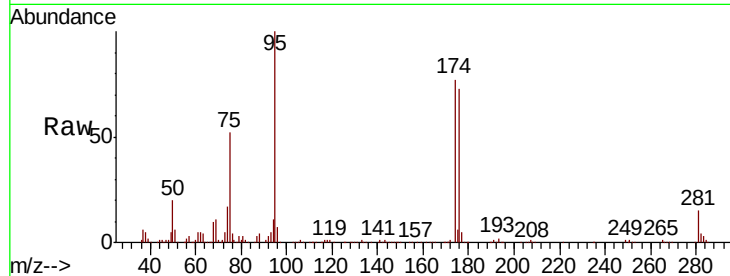




#76
 1,2,3-Trichloropropane
 Concen: 57.018 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005424.D
 Acq: 17 Sep 2018 11:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBL01

Tgt Ion: 75 Resp: 93559
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.909 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005424.D
 Acq: 17 Sep 2018 11:05

Tgt Ion: 75 Resp: 93559
 Ion Ratio Lower Upper
 75 100
 53 0.1 83.2 124.8#
 89 0.1 36.6 54.8#

