

Data File : VW012683.D
Acq On : 06 Sep 2019 11:31
Operator : SY/VA
Sample : VW0906SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBL01

Quant Time: Sep 07 04:35:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	226278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	338879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119474	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134938	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
35) Dibromofluoromethane	7.88	113	102759	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
50) Toluene-d8	10.32	98	408364	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.62	95	128565	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

Target Compounds

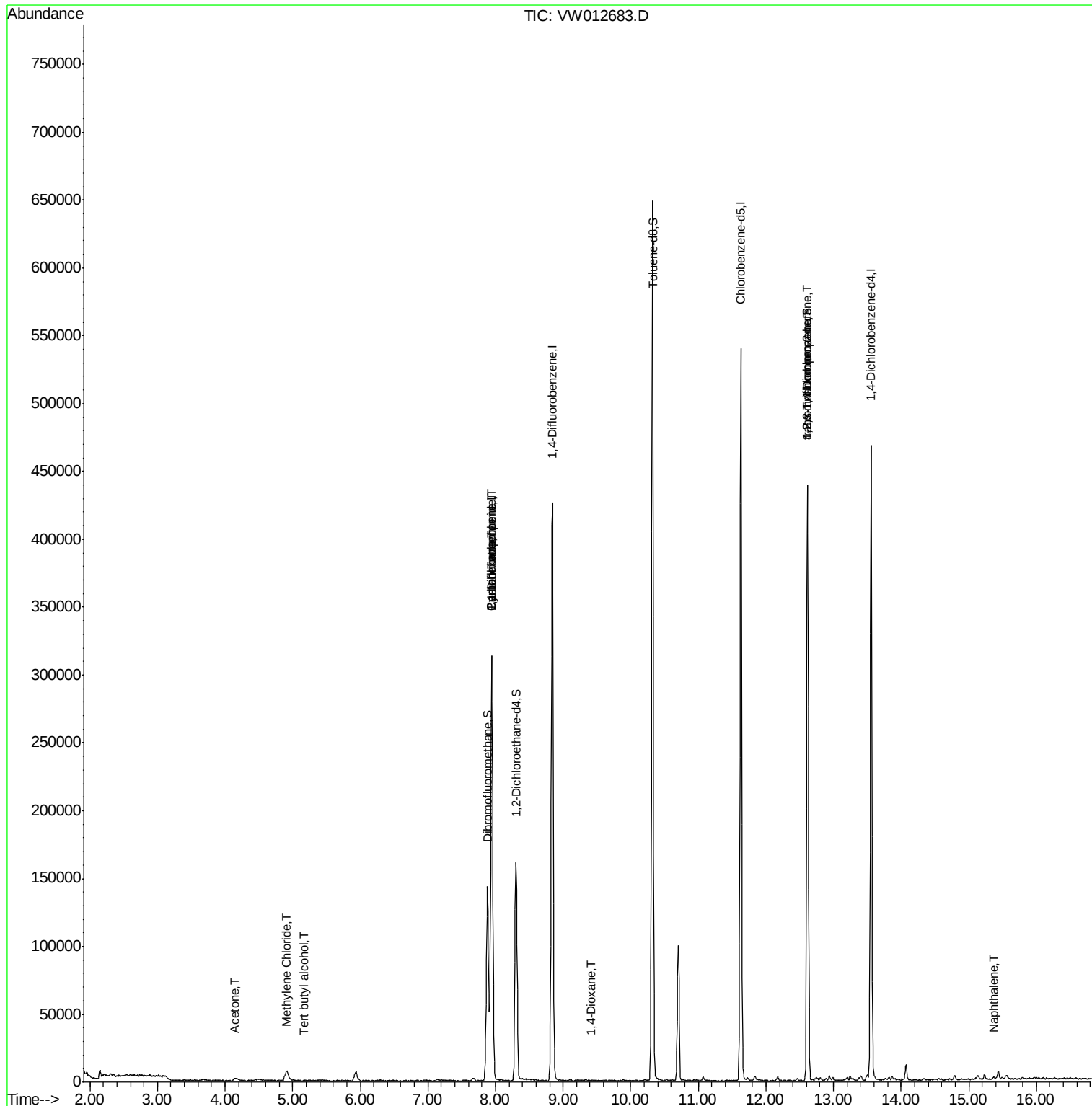
						Qvalue
11) Tert butyl alcohol	5.18	59	194	1.198	ug/l	94
16) Acetone	4.15	43	5067	7.369	ug/l #	73
20) Methylene Chloride	4.92	84	5356	2.060	ug/l #	83
31) Cyclohexane	7.95	56	5685	1.173	ug/l #	6
36) 1,1-Dichloropropene	7.94	75	18760	5.357	ug/l #	53
38) Carbon Tetrachloride	7.95	117	22516	7.429	ug/l #	15
49) 1,4-Dioxane	9.41	88	25	1.426	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	70761	60.813	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	70761	133.334	ug/l #	6
95) Naphthalene	15.37	128	1552	4.636	ug/l #	85

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Acq: 06 Sep 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

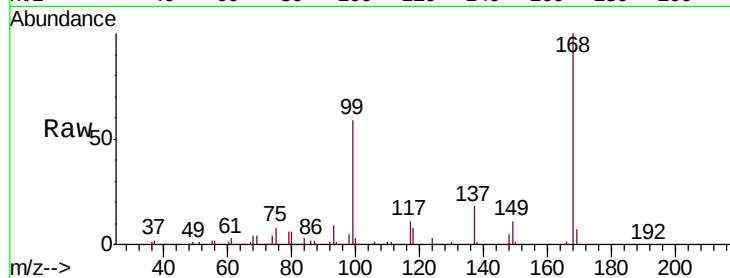
VW0906SBL01

Tgt Ion: 168 Resp: 226278

Ion Ratio Lower Upper

168 100

99 58.7 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

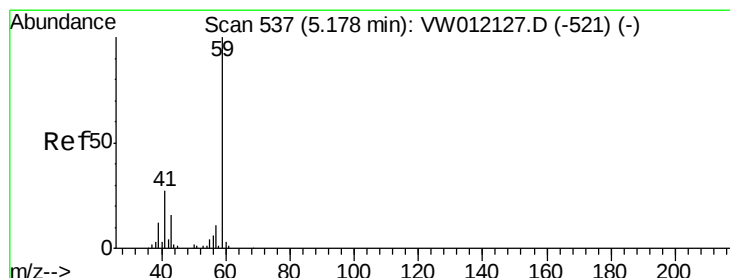
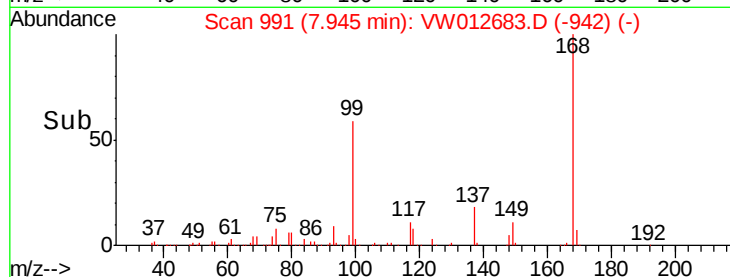
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.198 ug/l

RT: 5.18 min Scan# 537

Delta R.T. -0.00 min

Lab File: VW012683.D

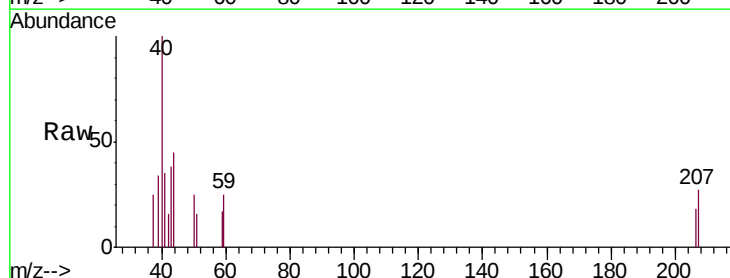
Acq: 06 Sep 2019 11:31

Tgt Ion: 59 Resp: 194

Ion Ratio Lower Upper

59 100

57 13.4 9.0 13.4



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

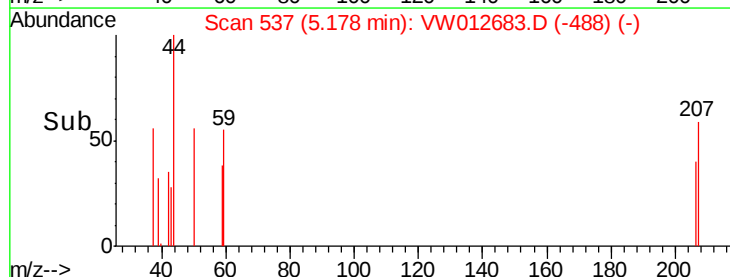
150

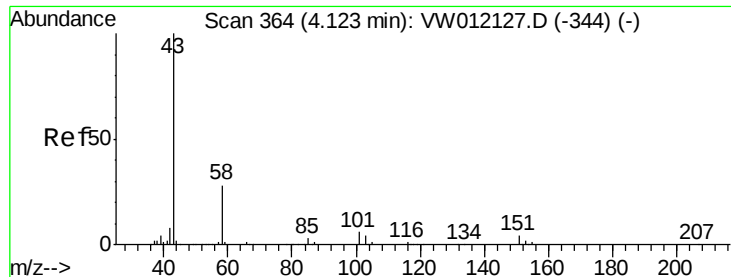
100

50

0

Time-->





#16

Acetone

Concen: 7.369 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW012683.D

Acq: 06 Sep 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

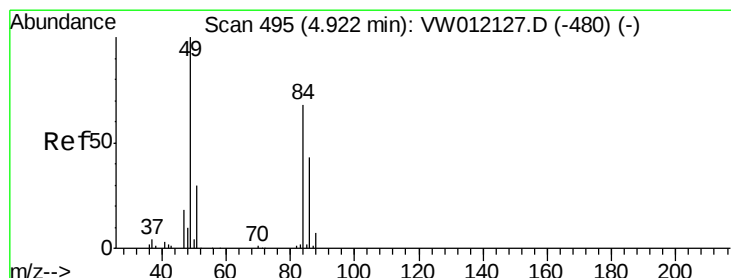
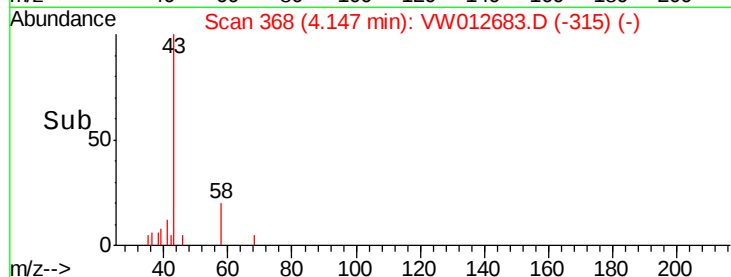
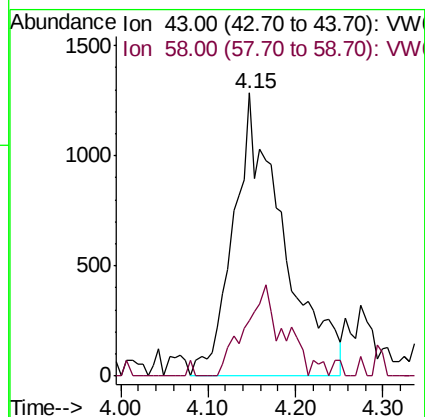
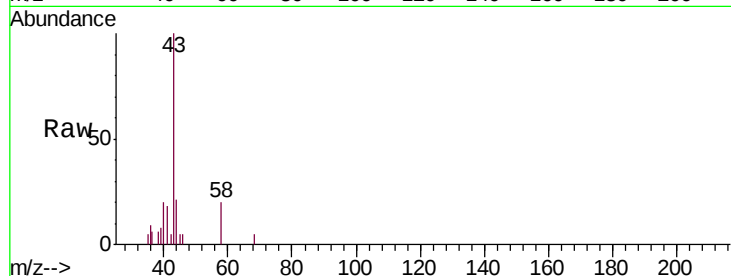
VW0906SBL01

Tgt Ion: 43 Resp: 5067

Ion Ratio Lower Upper

43 100

58 14.0 22.4 33.6#



#20

Methylene Chloride

Concen: 2.060 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012683.D

Acq: 06 Sep 2019 11:31

Tgt Ion: 84 Resp: 5356

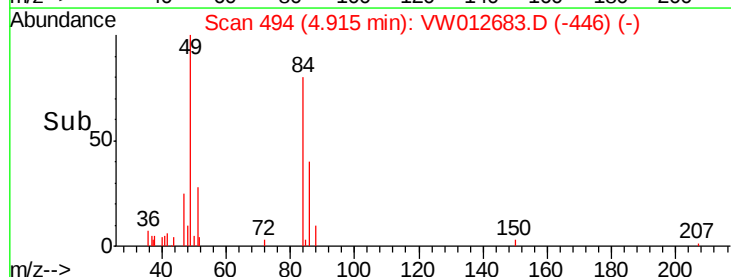
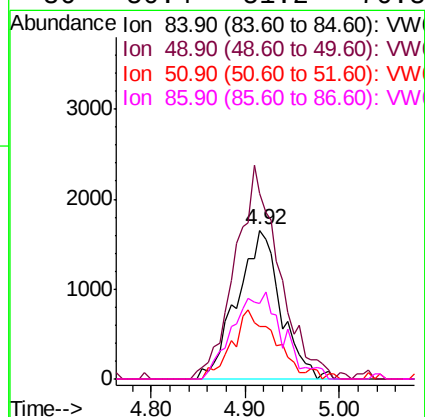
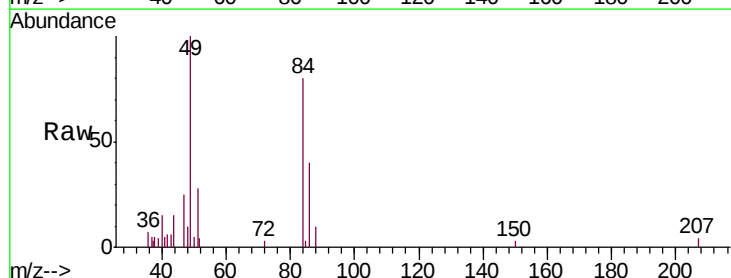
Ion Ratio Lower Upper

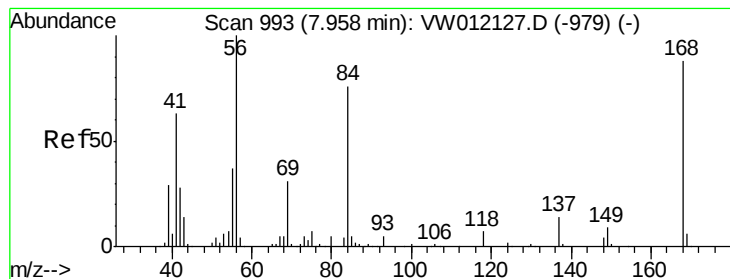
84 100

49 125.0 117.8 176.8

51 35.5 35.6 53.4#

86 50.4 51.2 76.8#





#31

Cyclohexane

Concen: 1.173 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012683.D

Acq: 06 Sep 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBL01

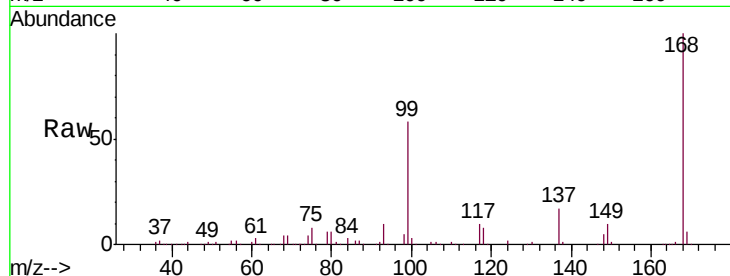
Tgt Ion: 56 Resp: 5685

Ion Ratio Lower Upper

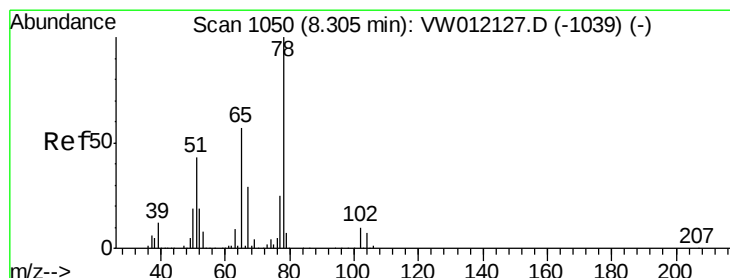
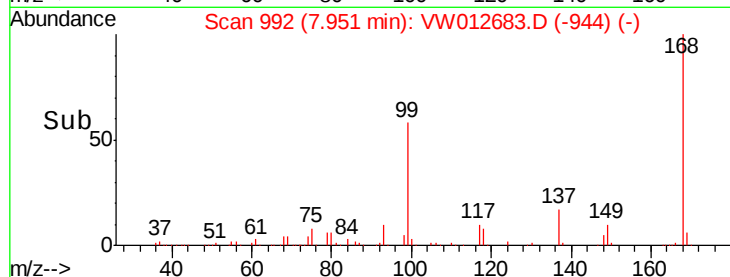
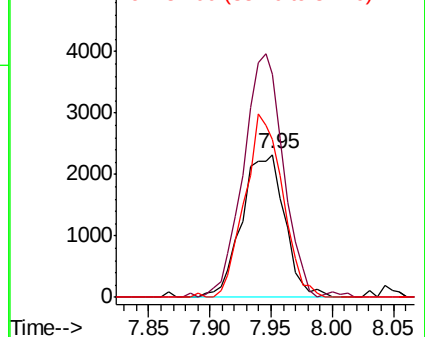
56 100

69 154.3 24.9 37.3#

84 111.0 60.6 90.8#



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: 50.165 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012683.D

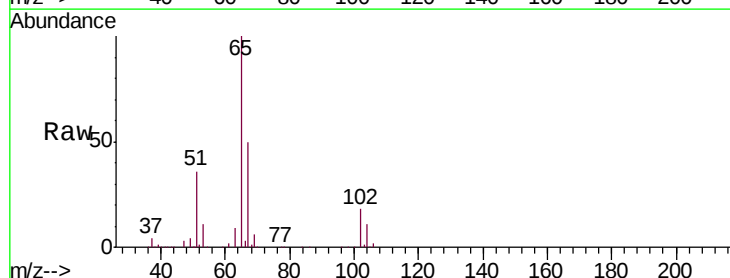
Acq: 06 Sep 2019 11:31

Tgt Ion: 65 Resp: 134938

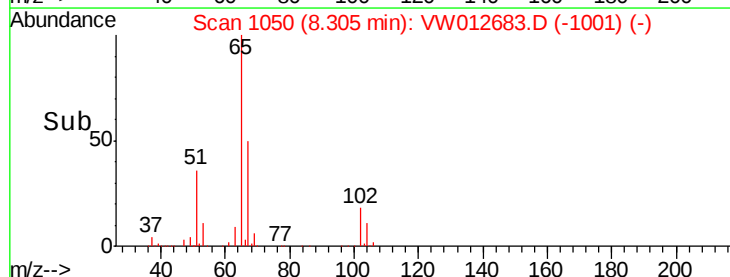
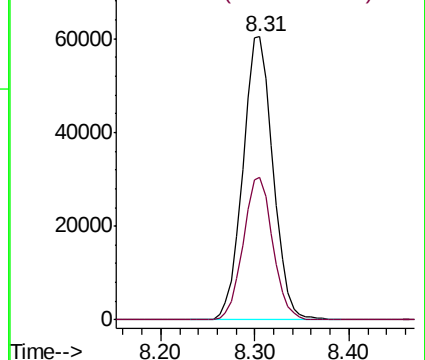
Ion Ratio Lower Upper

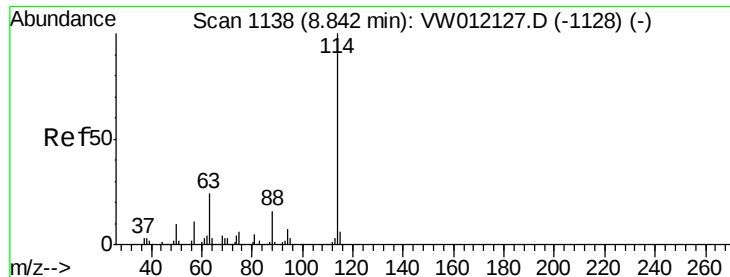
65 100

67 49.7 0.0 102.6



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

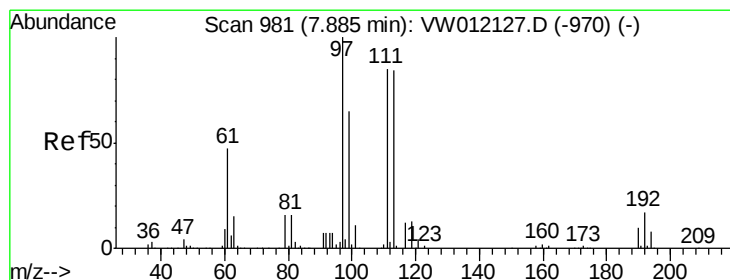
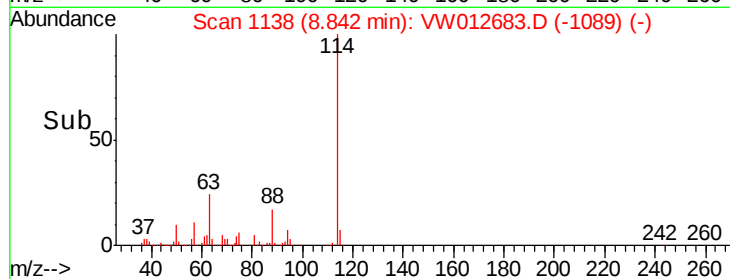
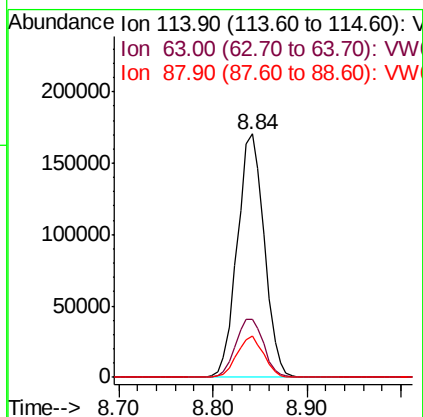
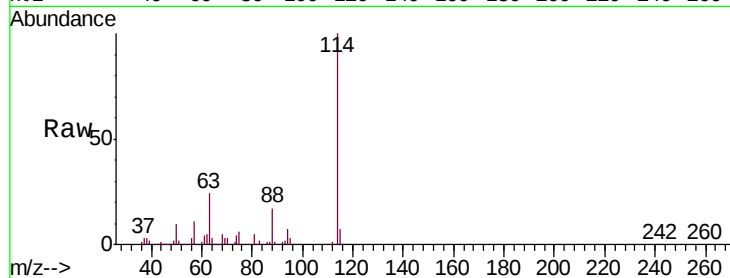




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012683.D
 Acq: 06 Sep 2019 11:31

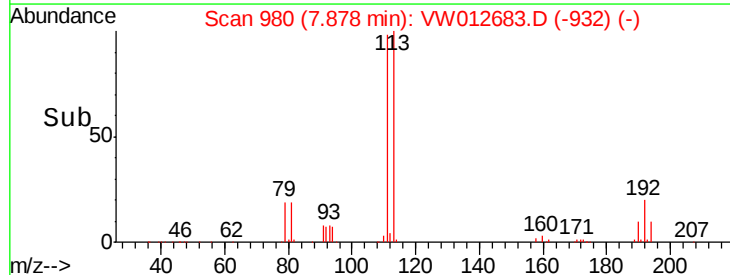
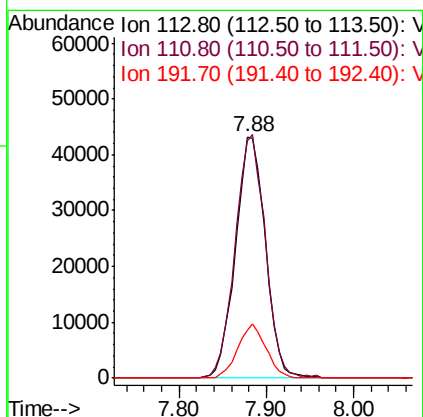
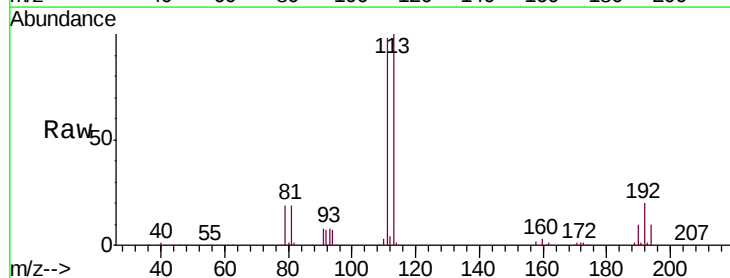
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBL01

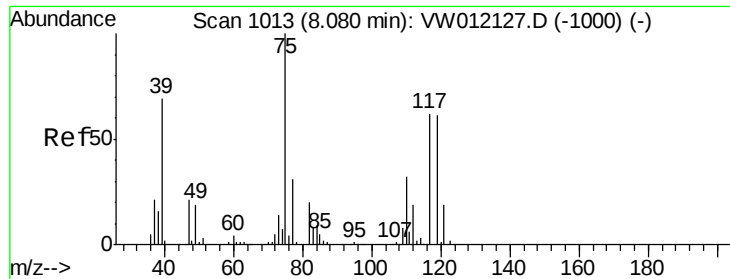
Tgt Ion:114 Resp: 338879
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 48.6
 88 16.8 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 50.801 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012683.D
 Acq: 06 Sep 2019 11:31

Tgt Ion:113 Resp: 102759
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.7 124.1
 192 21.2 16.2 24.2

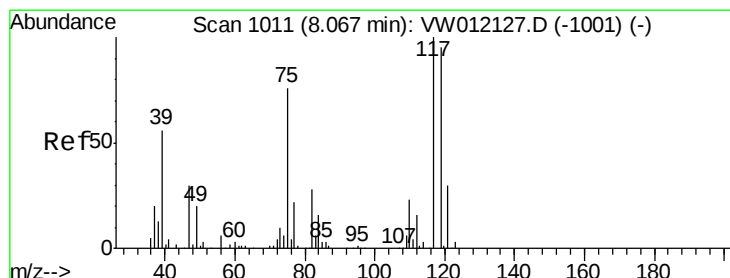
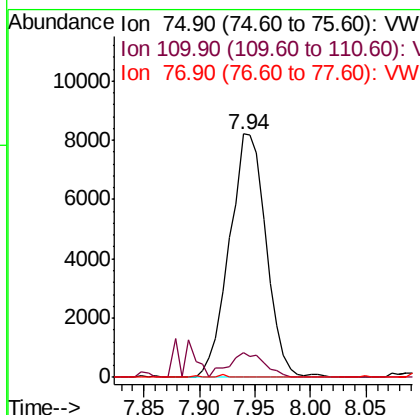
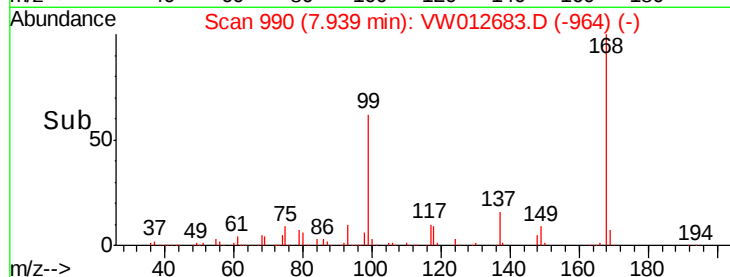
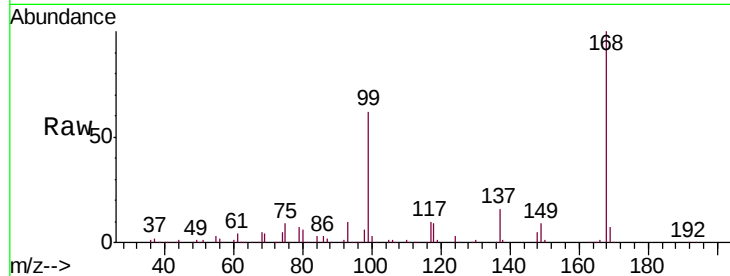




#36
 1,1-Dichloropropene
 Concen: 5.357 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012683.D
 Acq: 06 Sep 2019 11:31

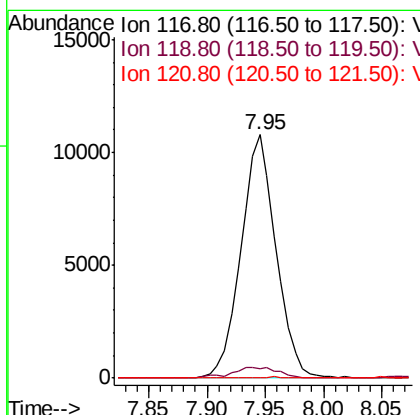
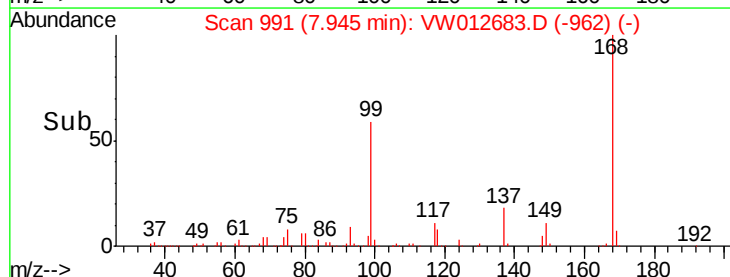
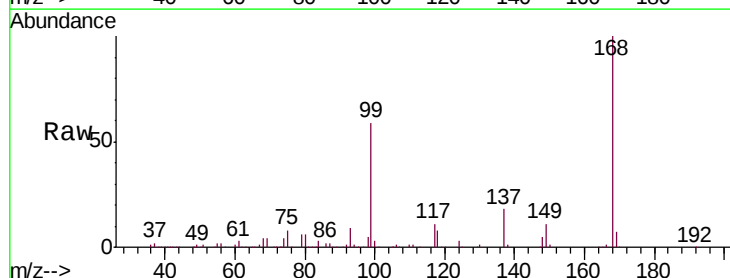
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBL01

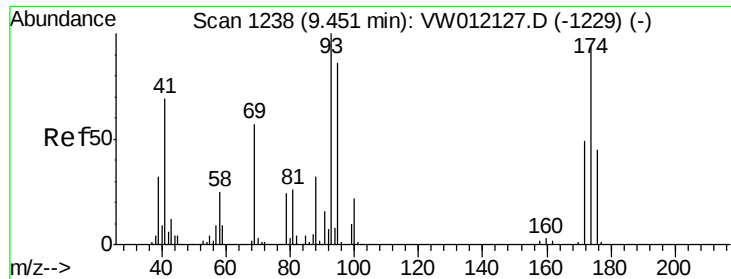
Tgt Ion: 75 Resp: 18760
 Ion Ratio Lower Upper
 75 100
 110 9.8 15.6 46.8#
 77 0.2 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 7.429 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012683.D
 Acq: 06 Sep 2019 11:31

Tgt Ion: 117 Resp: 22516
 Ion Ratio Lower Upper
 117 100
 119 3.7 76.2 114.2#
 121 0.0 23.8 35.8#

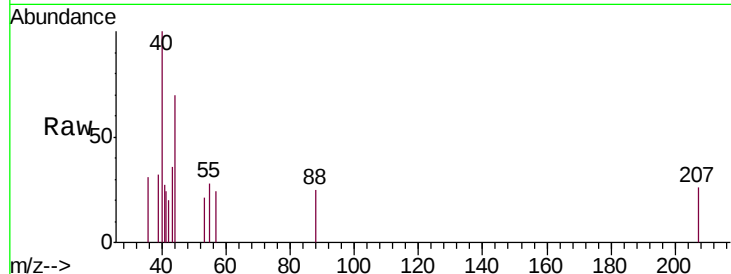




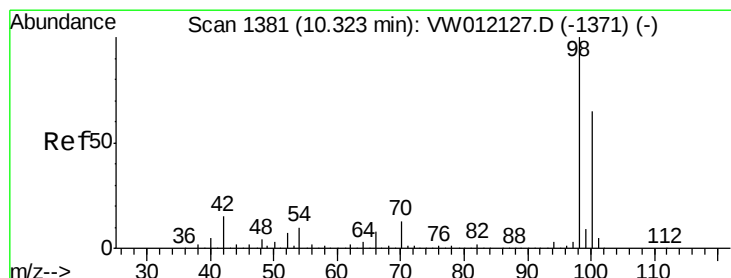
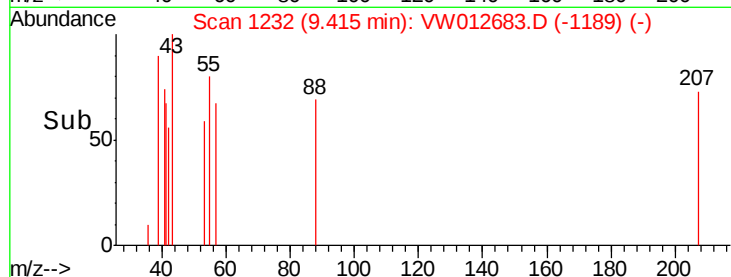
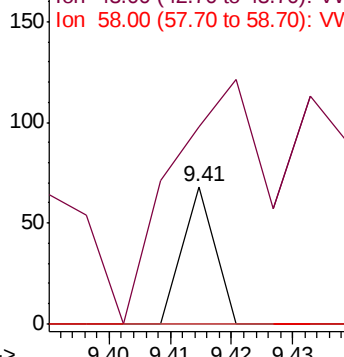
#49
1,4-Dioxane
Concen: 1.426 ug/l
RT: 9.41 min Scan# 1232
Delta R.T. -0.04 min
Lab File: VW012683.D
Acq: 06 Sep 2019 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBL01

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 508.0 32.9 49.3#
58 0.0 71.0 106.4#

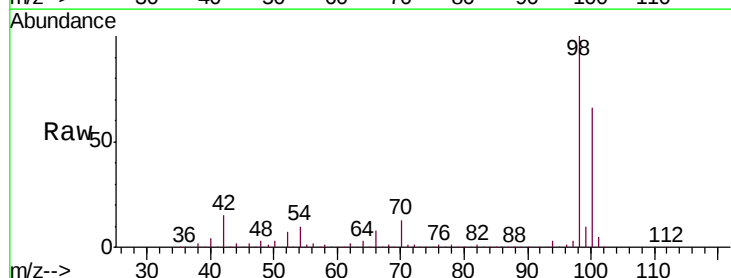


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

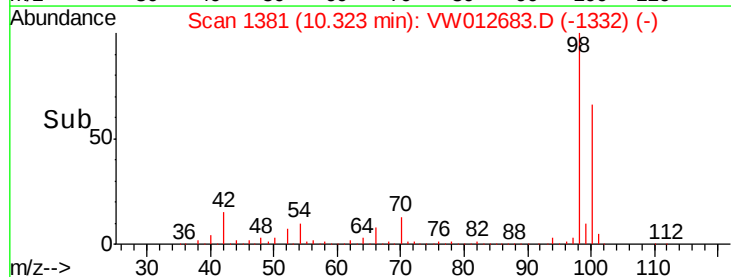
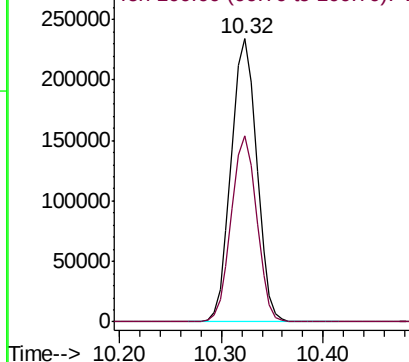


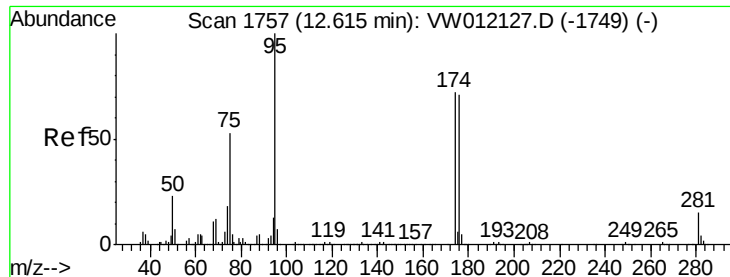
#50
Toluene-d8
Concen: 49.790 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012683.D
Acq: 06 Sep 2019 11:31

Tgt Ion: 98 Resp: 408364
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

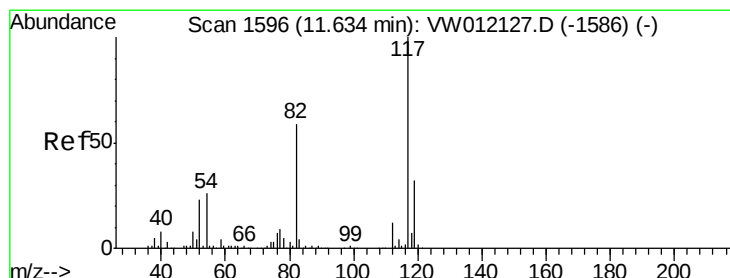
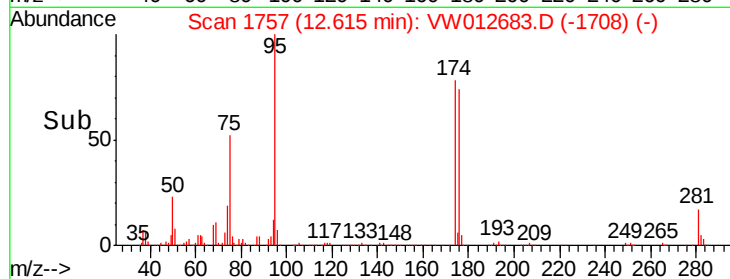
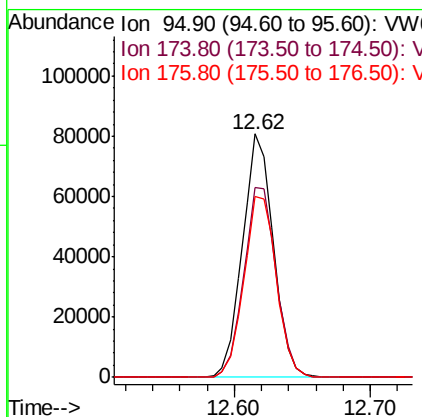
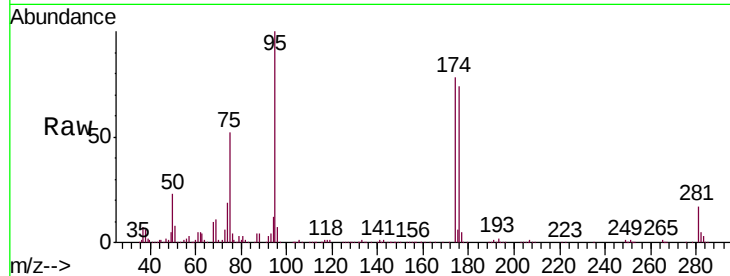




#62
4-Bromofluorobenzene
Concen: 44.469 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012683.D
Acq: 06 Sep 2019 11:31

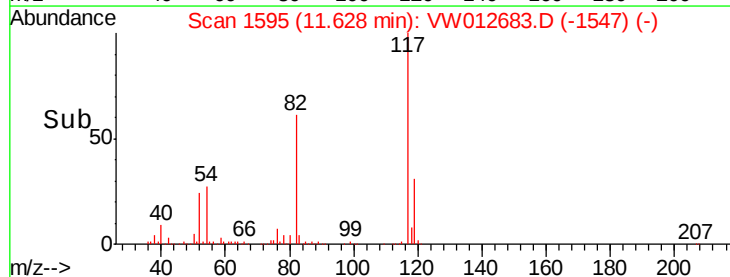
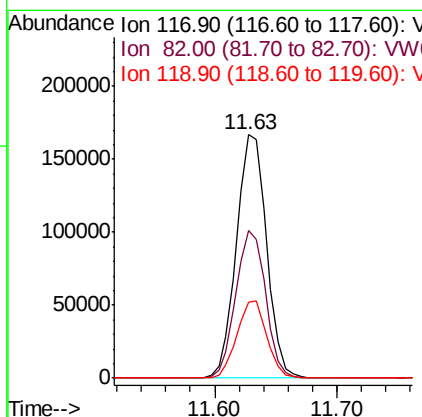
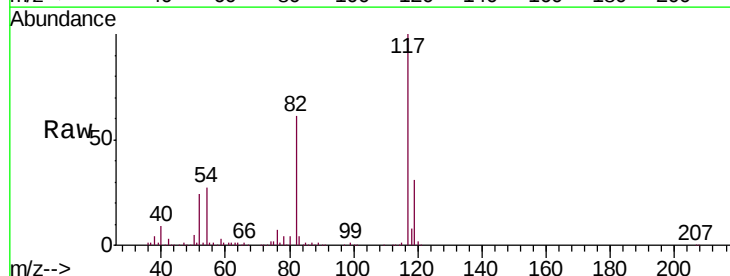
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBL01

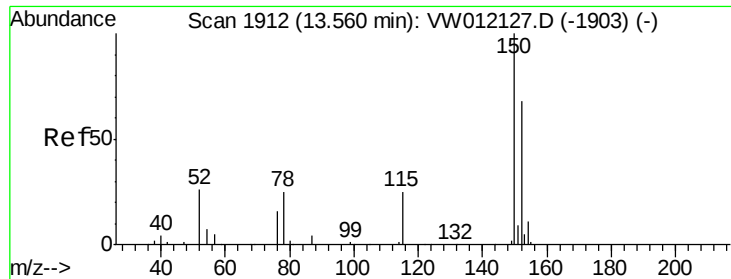
Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	150.8
176	78.0	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012683.D
Acq: 06 Sep 2019 11:31

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.6	47.4	71.2
119	31.1	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012683.D

Acq: 06 Sep 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBL01

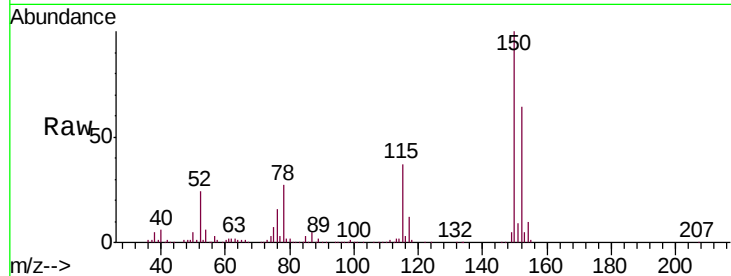
Tgt Ion:152 Resp: 119474

Ion Ratio Lower Upper

152 100

115 59.2 30.1 90.3

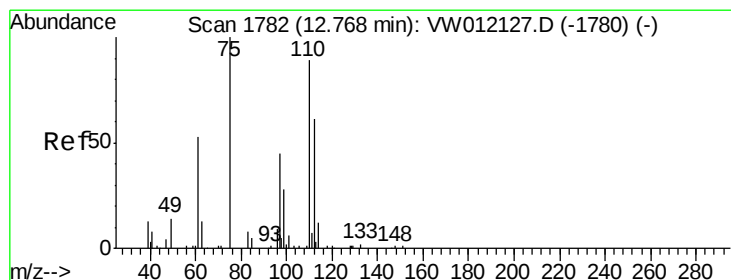
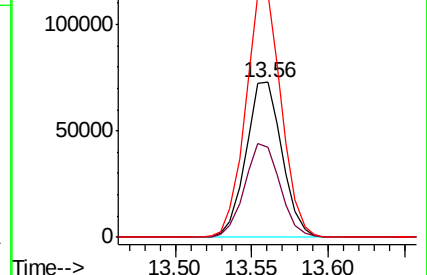
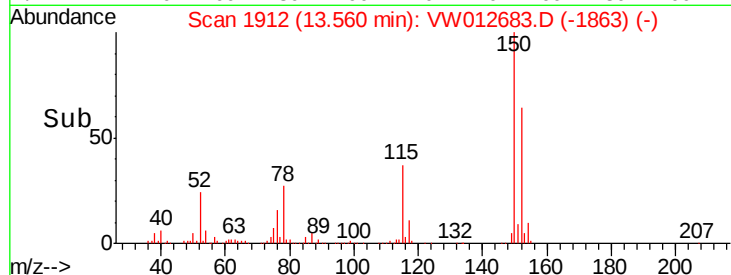
150 156.1 0.0 345.8



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: 60.813 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012683.D

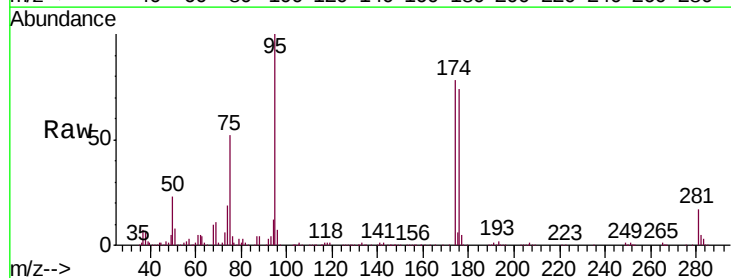
Acq: 06 Sep 2019 11:31

Tgt Ion: 75 Resp: 70761

Ion Ratio Lower Upper

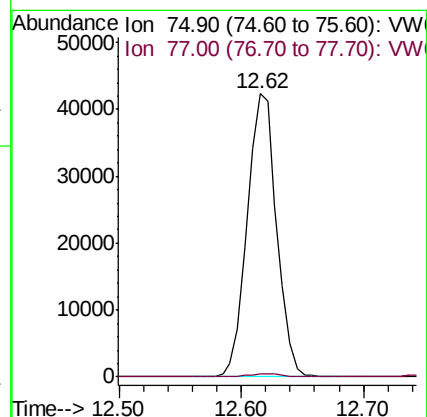
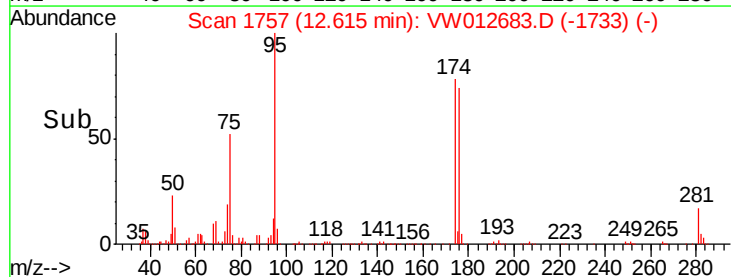
75 100

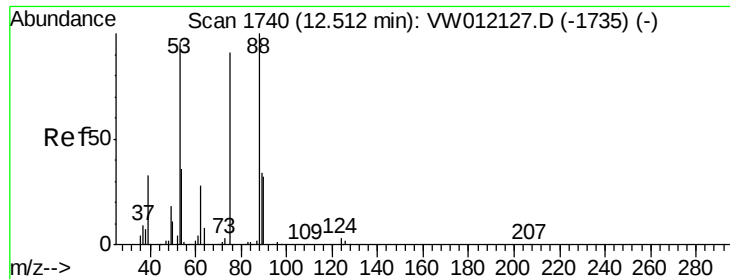
77 1.3 0.0 0.0#



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: 133.334 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012683.D

Acq: 06 Sep 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBL01

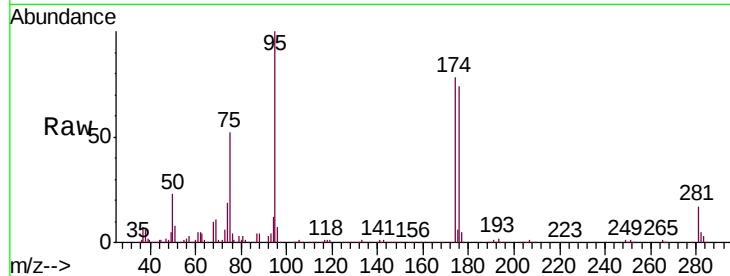
Tgt Ion: 75 Resp: 70761

Ion Ratio Lower Upper

75 100

53 0.3 89.4 134.0#

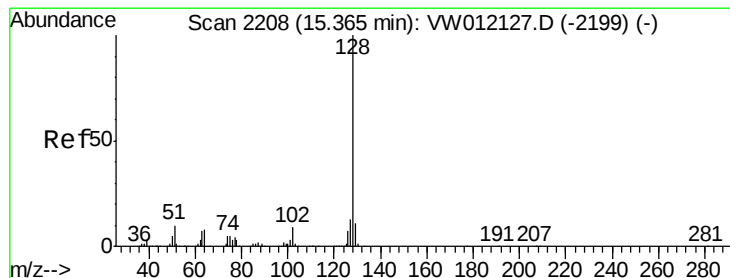
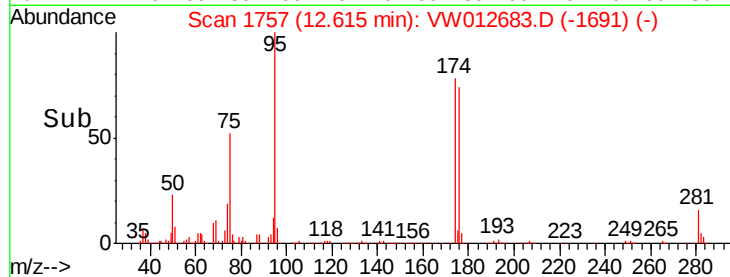
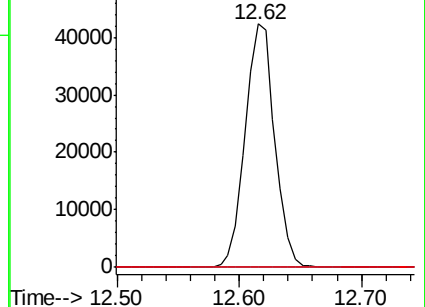
89 0.1 34.5 51.7#



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



#95

Naphthalene

Concen: 4.636 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW012683.D

Acq: 06 Sep 2019 11:31

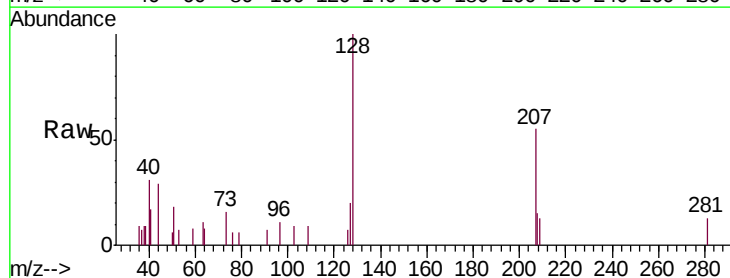
Tgt Ion: 128 Resp: 1552

Ion Ratio Lower Upper

128 100

127 14.8 10.7 16.1

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

