

Data File : VW011140.D
Acq On : 03 Jul 2019 15:15
Operator : SY/VA
Sample : VW0704SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0704SBL01

Quant Time: Jul 04 03:51:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration

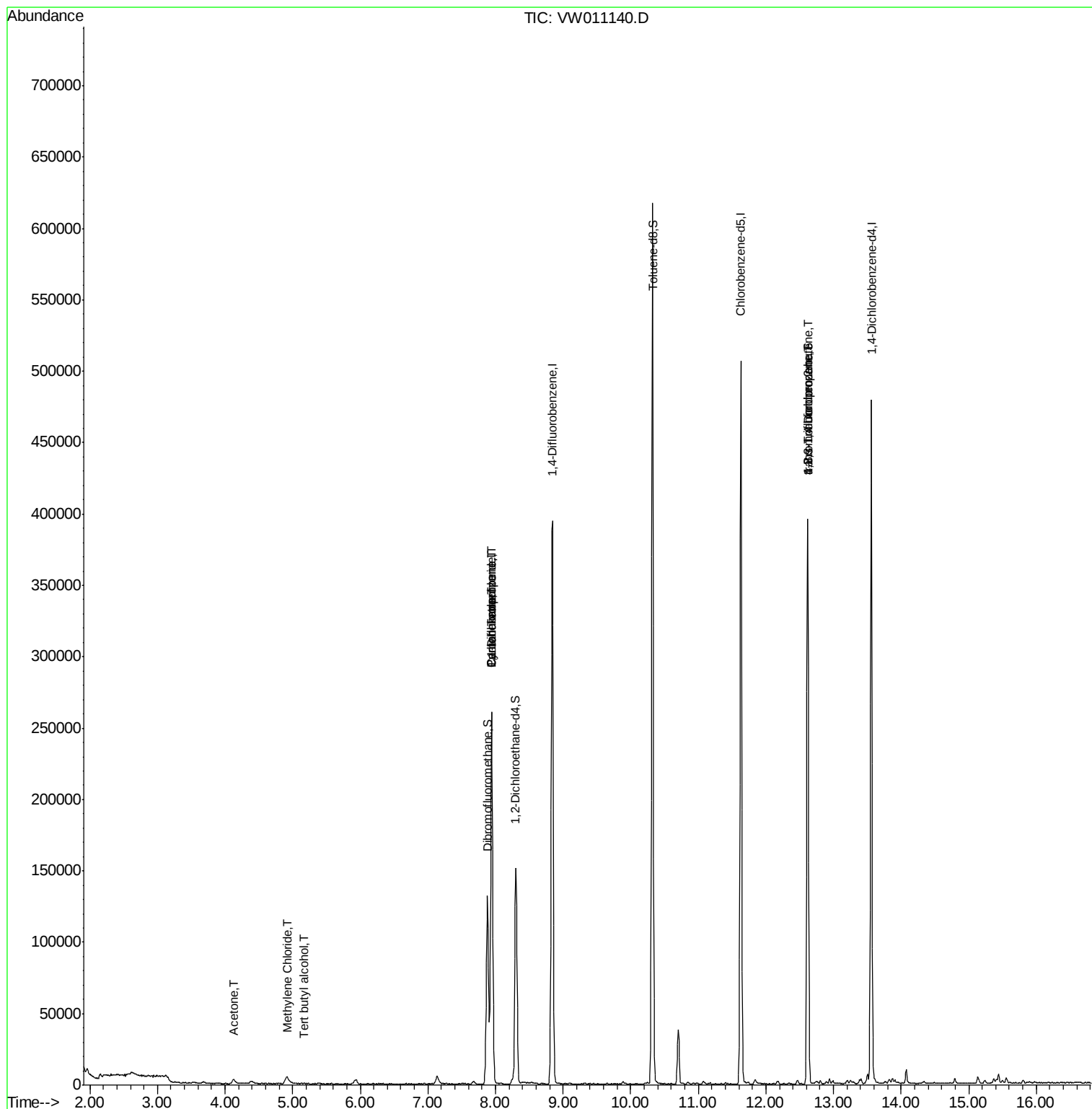
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	185799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	309389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	260999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	120873	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
35) Dibromofluoromethane	7.88	113	93546	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
50) Toluene-d8	10.32	98	382523	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.62	95	125568	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.30%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	421	2.387	ug/l #	71
16) Acetone	4.12	43	6624	11.173	ug/l	97
20) Methylene Chloride	4.91	84	3674	1.525	ug/l	95
31) Cyclohexane	7.94	56	4939	1.063	ug/l #	14
36) 1,1-Dichloropropene	7.94	75	16541	4.974	ug/l #	50
38) Carbon Tetrachloride	7.95	117	19137	6.988	ug/l #	15
76) 1,2,3-Trichloropropane	12.61	75	69084	57.157	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.61	75	69084	115.739	ug/l #	3

(#) = 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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Instrument :

MSVOA_W

ClientSampleId :

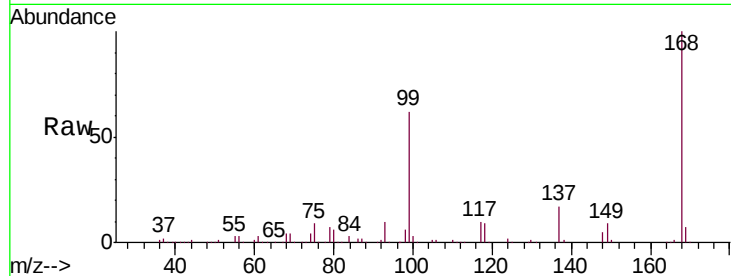
VW0704SBL01

Tgt Ion:168 Resp: 185799

Ion Ratio Lower Upper

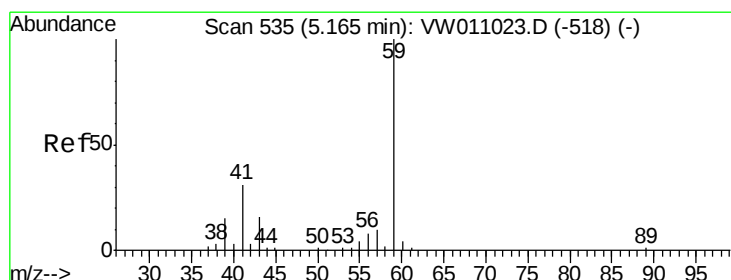
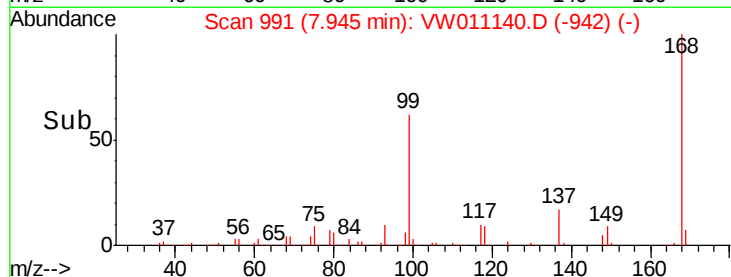
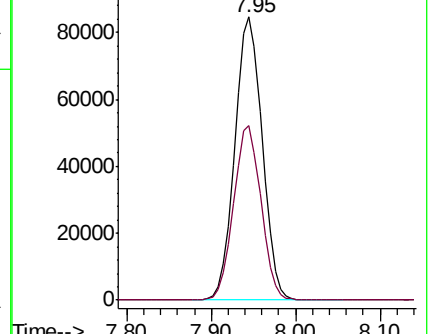
168 100

99 61.8 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.387 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW011140.D

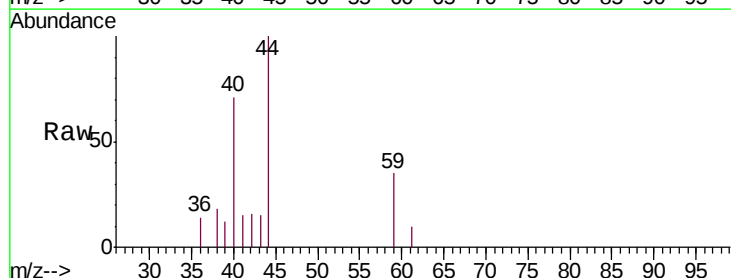
Acq: 03 Jul 2019 15:15

Tgt Ion: 59 Resp: 421

Ion Ratio Lower Upper

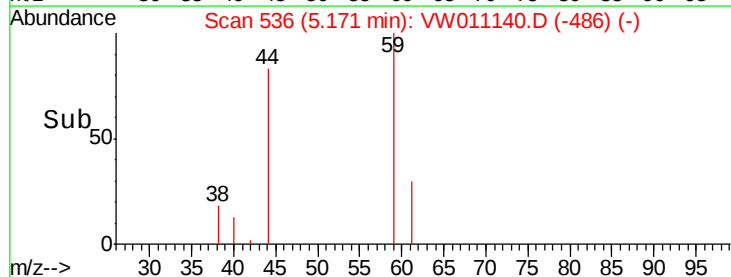
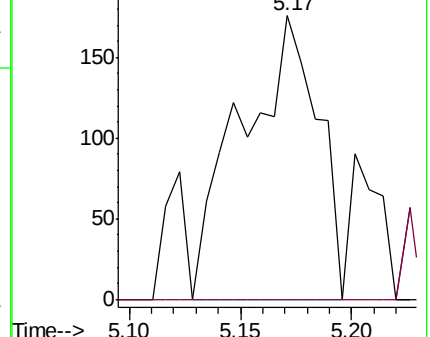
59 100

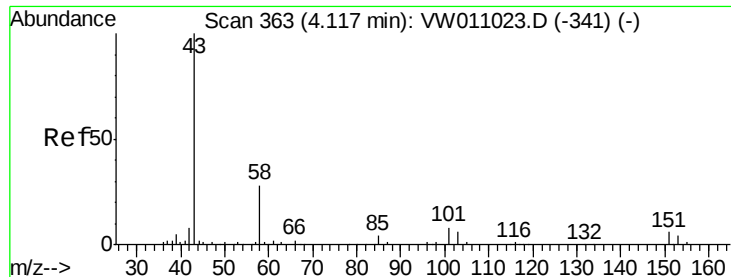
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 11.173 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011140.D

Acq: 03 Jul 2019 15:15

Instrument :

MSVOA_W

ClientSampleId :

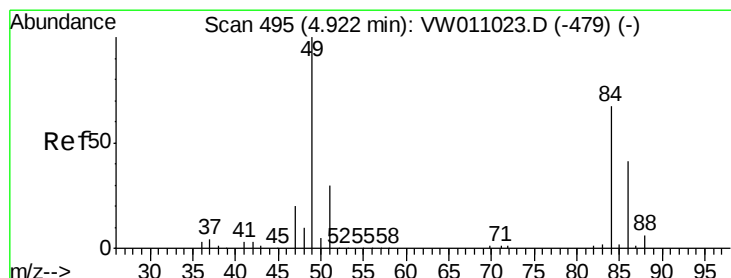
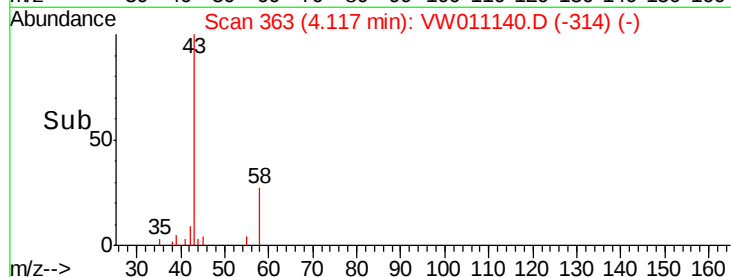
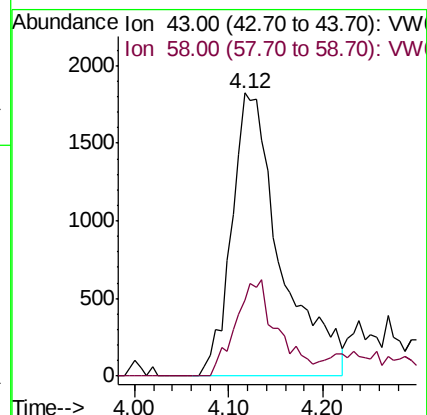
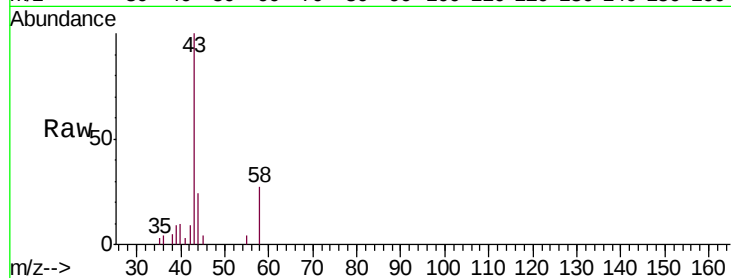
VW0704SBL01

Tgt Ion: 43 Resp: 6624

Ion Ratio Lower Upper

43 100

58 26.8 22.5 33.7



#20

Methylene Chloride

Concen: 1.525 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011140.D

Acq: 03 Jul 2019 15:15

Tgt Ion: 84 Resp: 3674

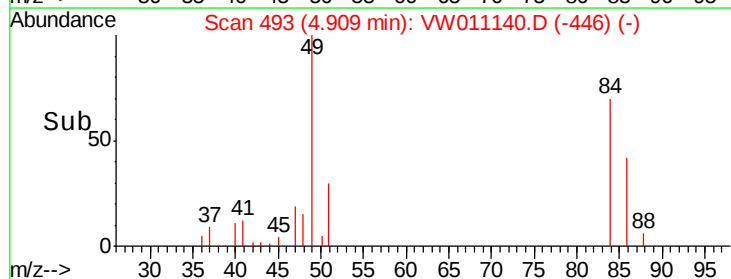
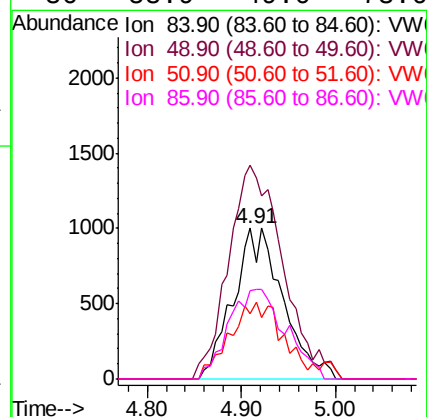
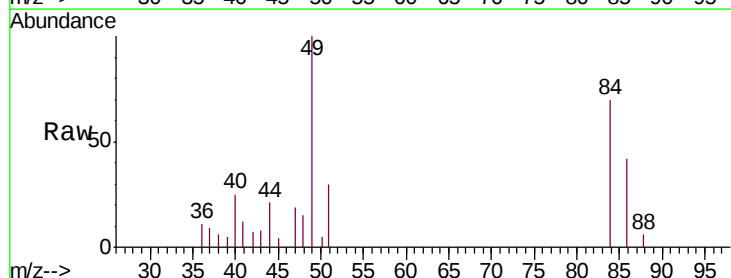
Ion Ratio Lower Upper

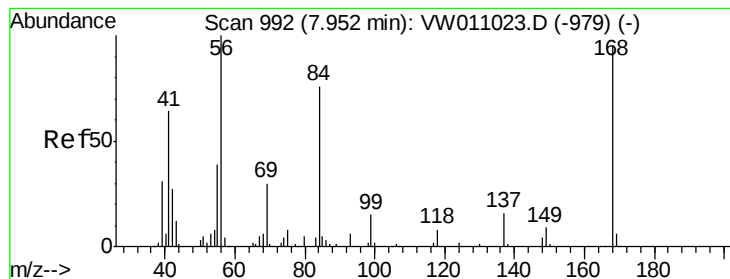
84 100

49 141.9 119.6 179.4

51 43.1 35.6 53.4

86 58.9 49.0 73.6





#31

Cyclohexane

Concen: 1.063 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011140.D

Acq: 03 Jul 2019 15:15

Instrument :
MSVOA_W
ClientSampleId :
VW0704SBL01

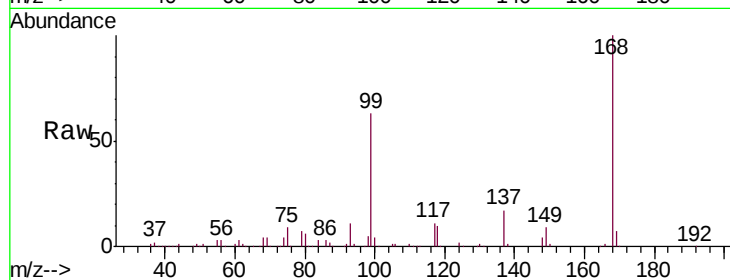
Tgt Ion: 56 Resp: 4939

Ion Ratio Lower Upper

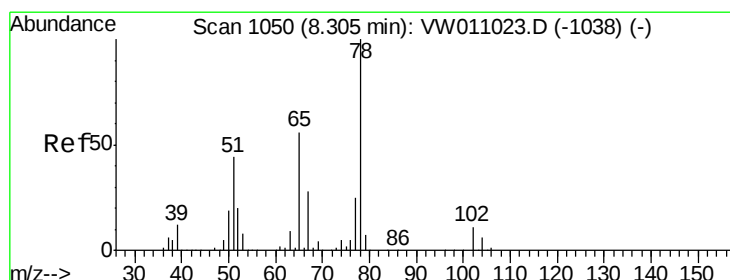
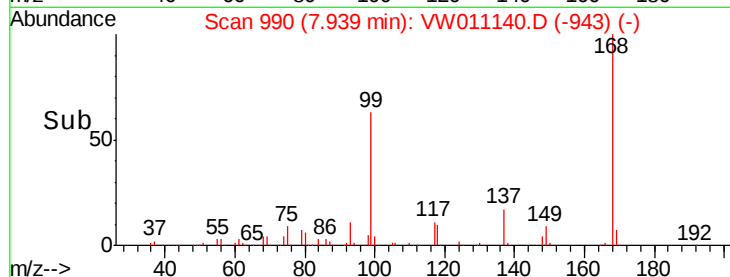
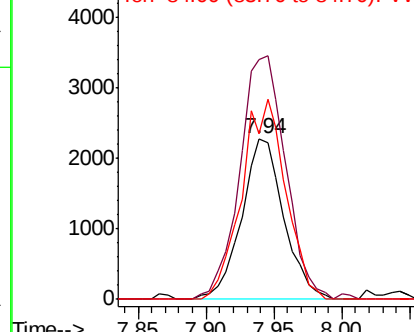
56 100

69 149.7 24.2 36.2#

84 103.1 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: 49.765 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011140.D

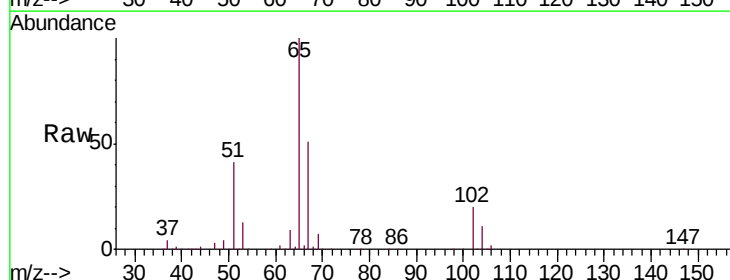
Acq: 03 Jul 2019 15:15

Tgt Ion: 65 Resp: 120873

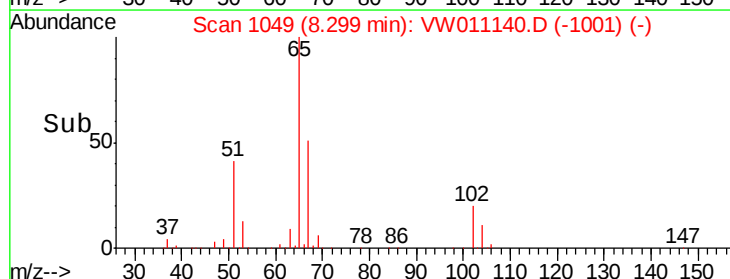
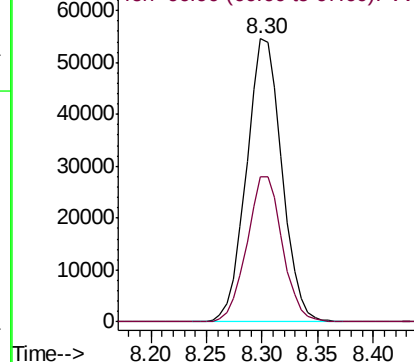
Ion Ratio Lower Upper

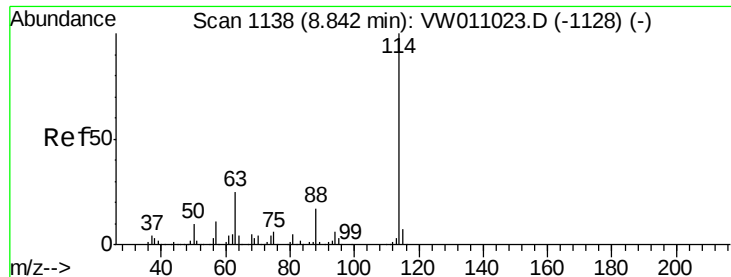
65 100

67 51.6 0.0 102.4



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: VW011140.D

Acq: 03 Jul 2019 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW0704SBL01

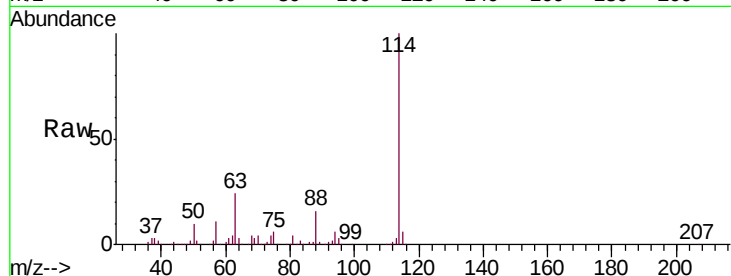
Tgt Ion:114 Resp: 309389

Ion Ratio Lower Upper

114 100

63 24.3 0.0 50.6

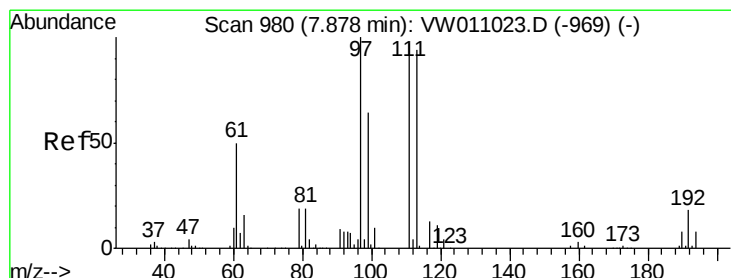
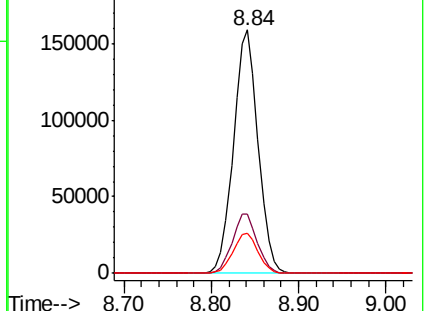
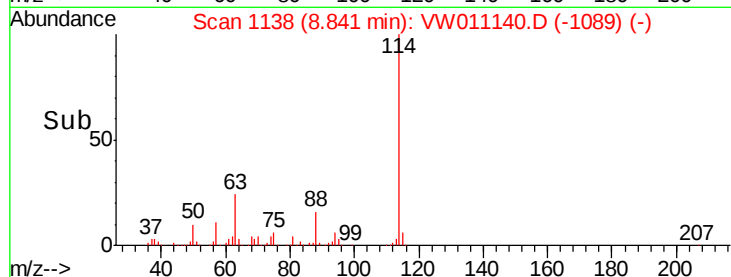
88 16.4 0.0 34.0



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: 49.515 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW011140.D

Acq: 03 Jul 2019 15:15

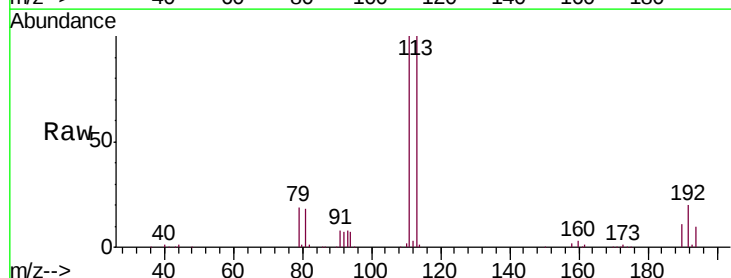
Tgt Ion:113 Resp: 93546

Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

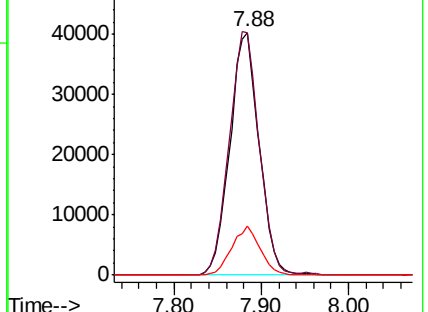
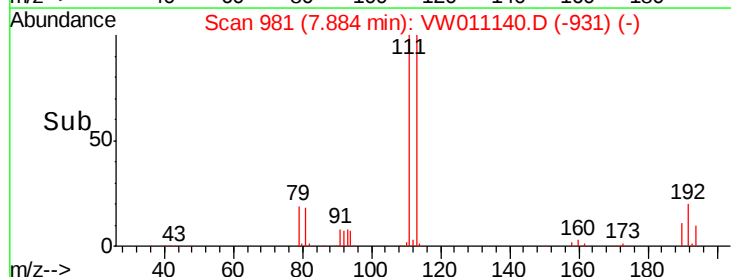
192 19.4 16.0 24.0

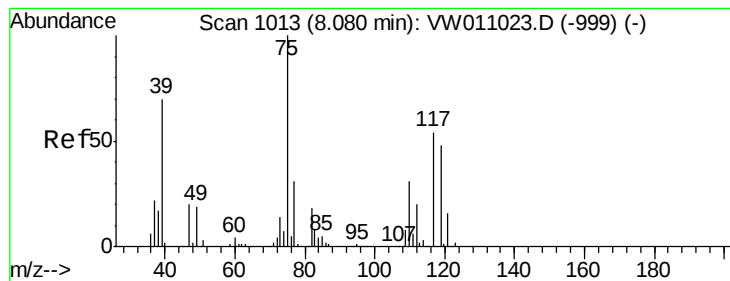


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.974 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW011140.D

Acq: 03 Jul 2019 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW0704SBL01

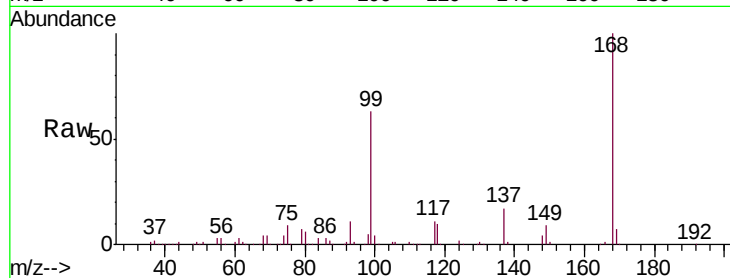
Tgt Ion: 75 Resp: 16541

Ion Ratio Lower Upper

75 100

110 7.1 15.5 46.5#

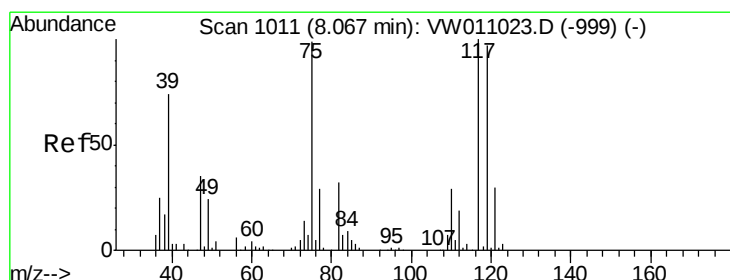
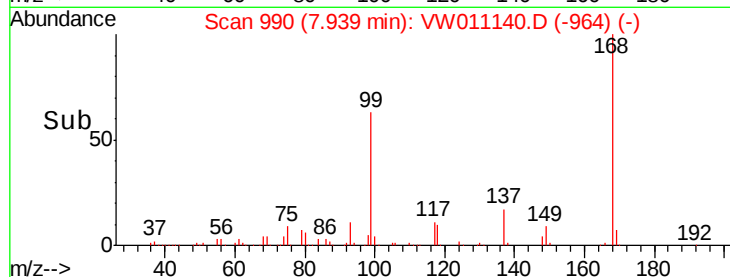
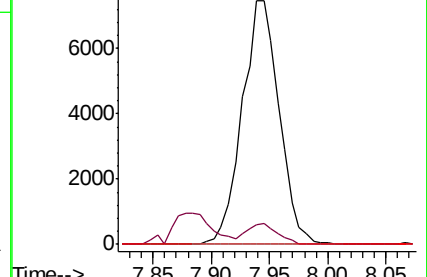
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 6.988 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011140.D

Acq: 03 Jul 2019 15:15

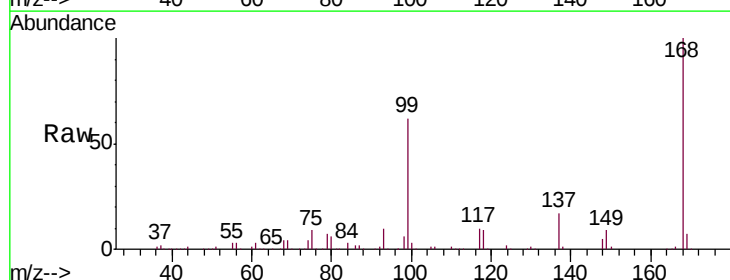
Tgt Ion: 117 Resp: 19137

Ion Ratio Lower Upper

117 100

119 4.8 77.7 116.5#

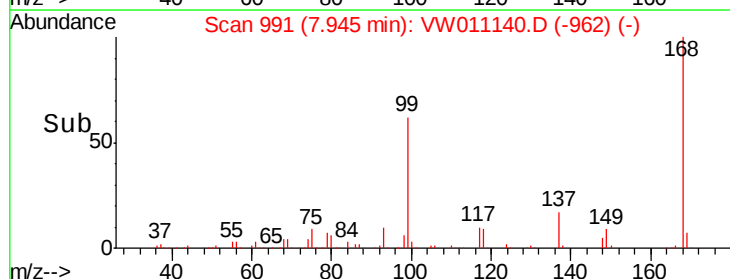
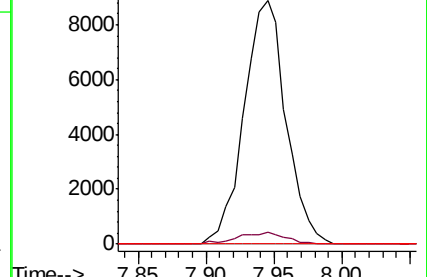
121 0.0 23.9 35.9#

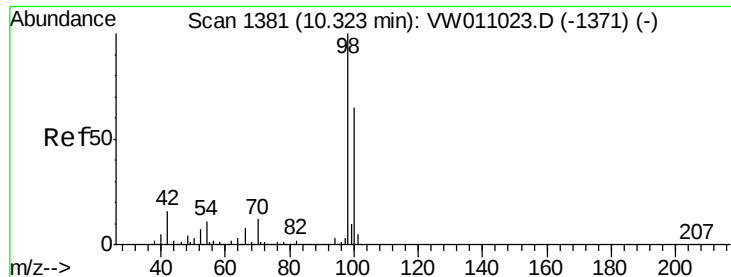


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 49.188 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011140.D

Acq: 03 Jul 2019 15:15

Instrument :

MSVOA_W

ClientSampleId :

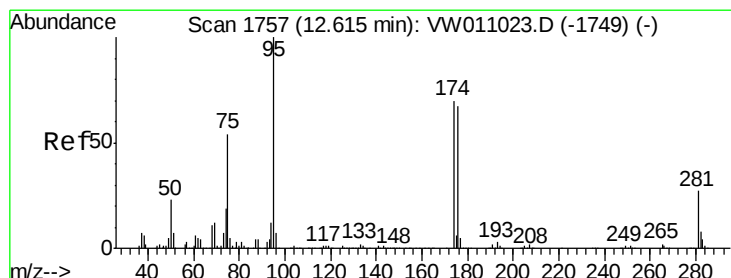
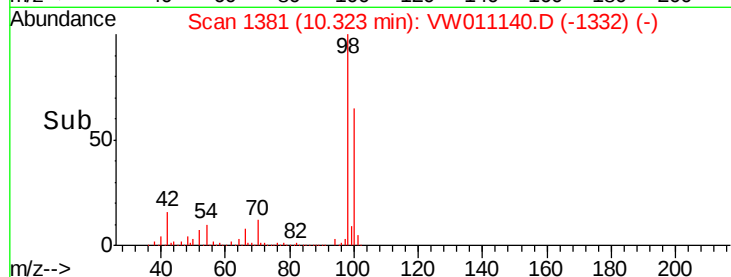
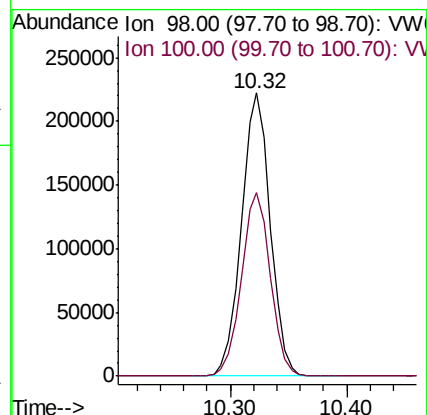
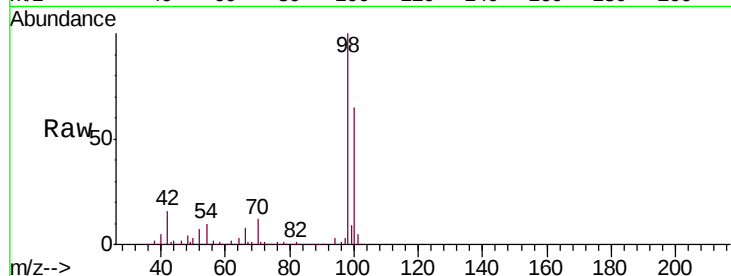
VW0704SBL01

Tgt Ion: 98 Resp: 382523

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 44.147 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011140.D

Acq: 03 Jul 2019 15:15

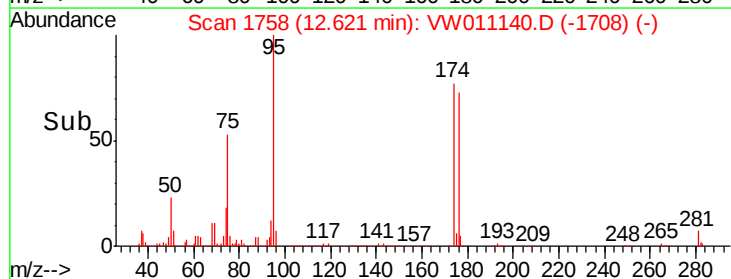
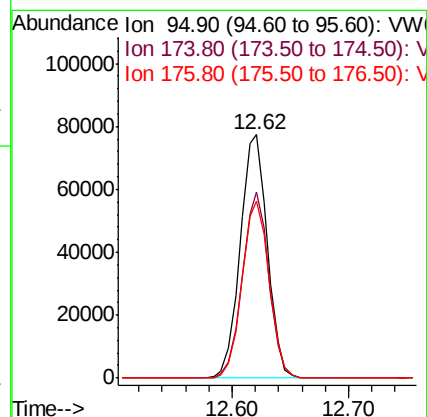
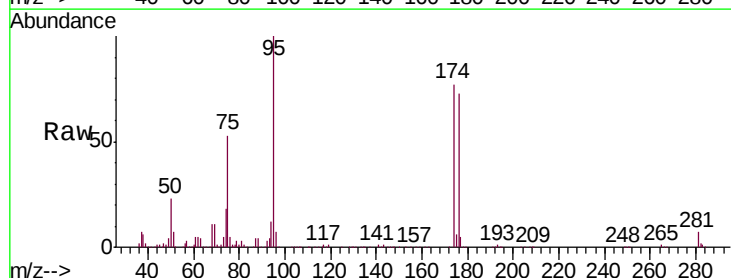
Tgt Ion: 95 Resp: 125568

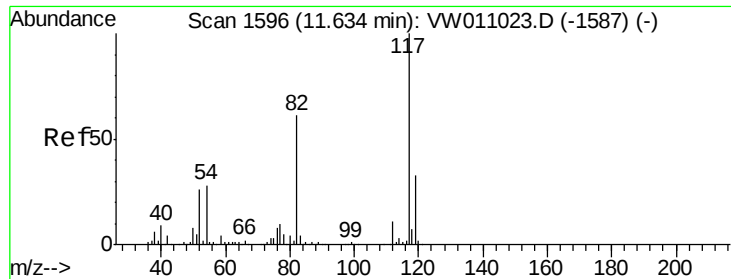
Ion Ratio Lower Upper

95 100

174 74.3 0.0 149.2

176 72.6 0.0 143.6

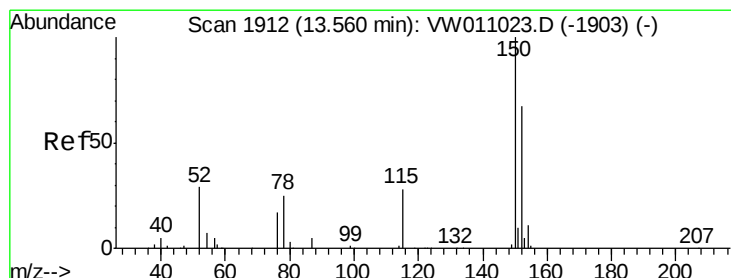
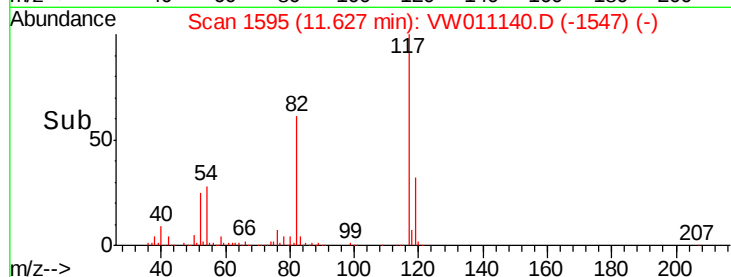
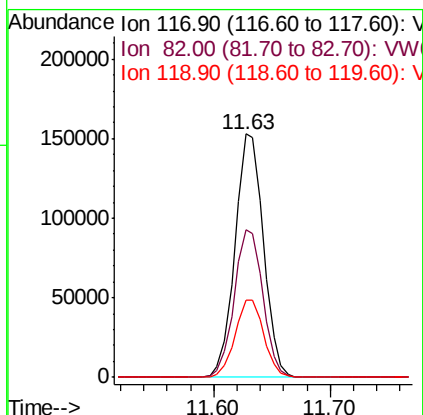
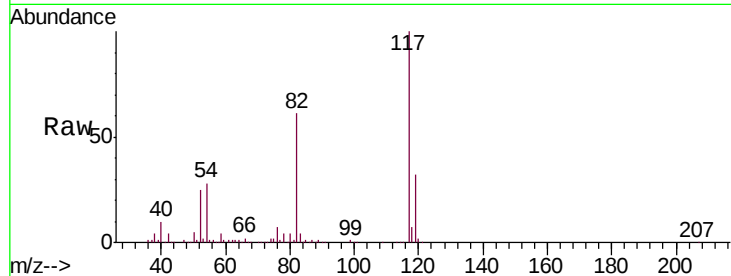




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011140.D
Acq: 03 Jul 2019 15:15

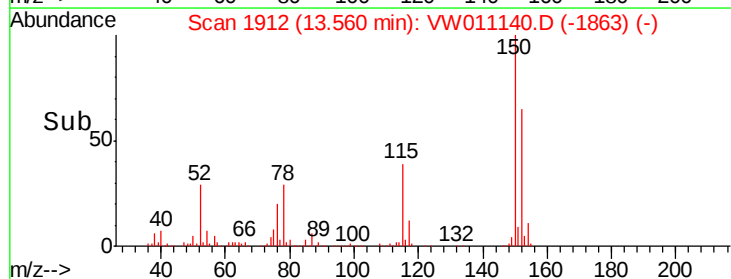
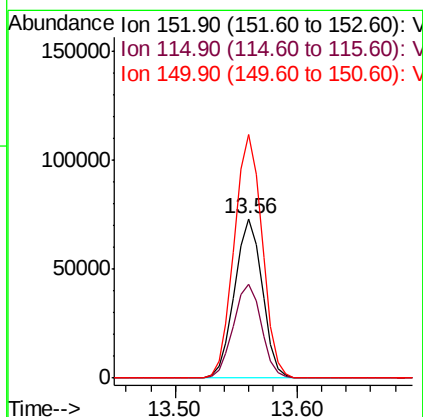
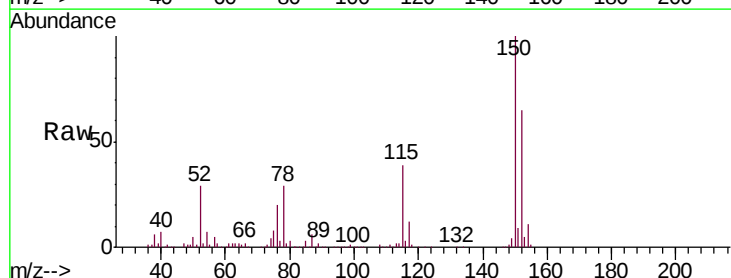
Instrument :
MSVOA_W
ClientSampleId :
VW0704SBL01

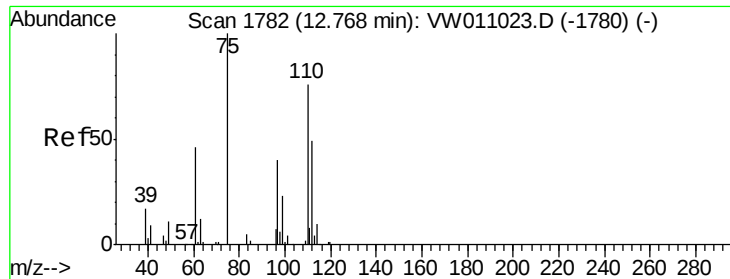
Tgt Ion:117 Resp: 260999
Ion Ratio Lower Upper
117 100
82 60.7 48.6 73.0
119 31.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011140.D
Acq: 03 Jul 2019 15:15

Tgt Ion:152 Resp: 114486
Ion Ratio Lower Upper
152 100
115 59.8 30.7 92.1
150 154.6 0.0 341.8

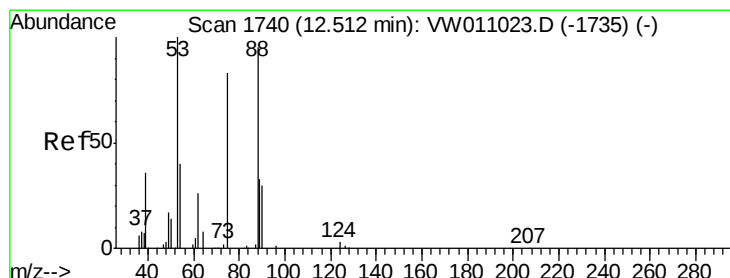
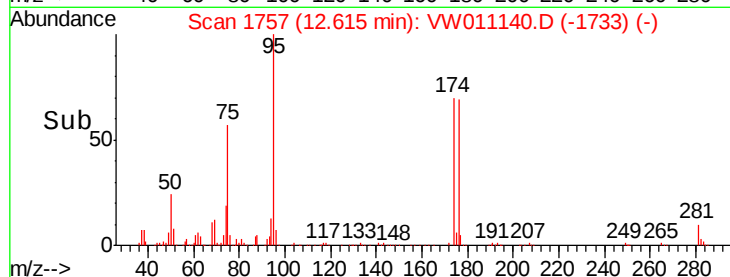
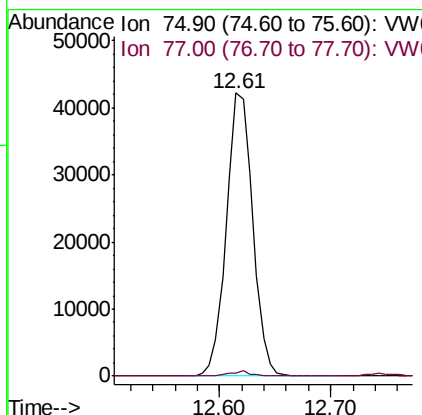
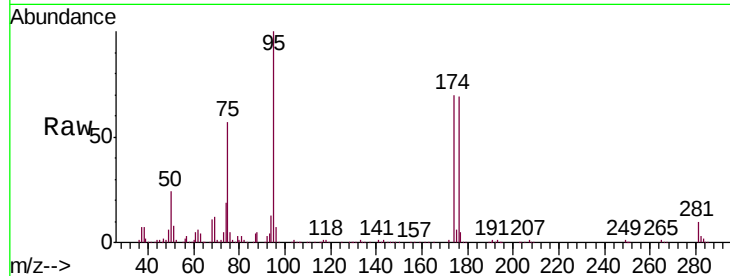




#76
 1,2,3-Trichloropropane
 Concen: 57.157 ug/l
 RT: 12.61 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011140.D
 Acq: 03 Jul 2019 15:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0704SBL01

Tgt Ion: 75 Resp: 69084
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.739 ug/l
 RT: 12.61 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011140.D
 Acq: 03 Jul 2019 15:15

Tgt Ion: 75 Resp: 69084
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.6 143.4#
 89 0.0 34.4 51.6#

