

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007870.D
 Acq On : 23 Dec 2018 04:50
 Operator : SY/AP
 Sample : VW1222SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBL02

Quant Time: Dec 23 23:59:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	76026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	130127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57947	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	46749	56.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.20%	
35) Dibromofluoromethane	7.88	113	41823	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
50) Toluene-d8	10.32	98	161017	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
62) 4-Bromofluorobenzene	12.62	95	61711	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	

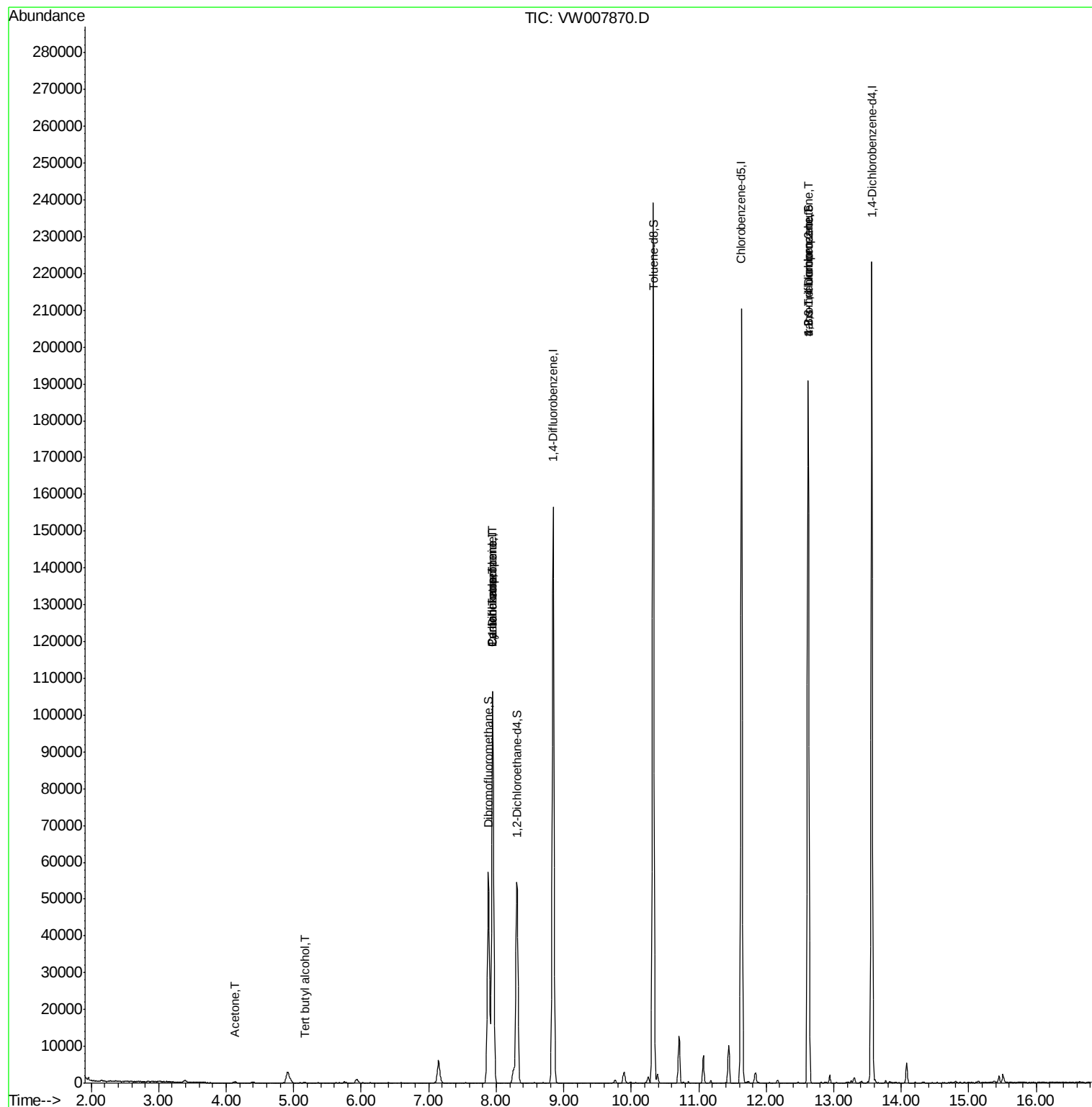
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	121	2.153	ug/l #	73
16) Acetone	4.14	43	668	4.281	ug/l	95
20) Methylene Chloride	4.92	84	2937	Below Cal		89
31) Cyclohexane	7.95	56	1572	1.267	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	5803	4.620	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8374	5.661	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	31608	70.573	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	31608	148.138	ug/l #	9

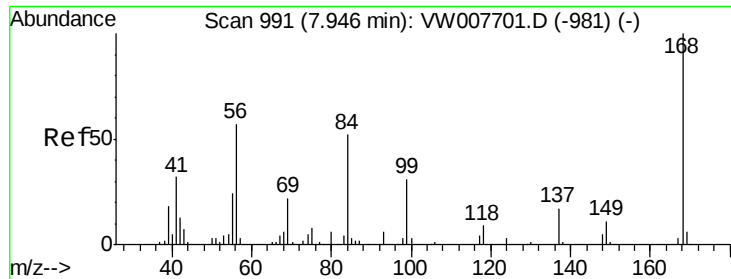
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
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Instrument :
MSVOA_W
ClientSampleId :
VW1224SBL02

Quant Time: Dec 23 23:59:28 2018
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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007870.D

Acq: 23 Dec 2018 04:50

Instrument :

MSVOA_W

ClientSampleId :

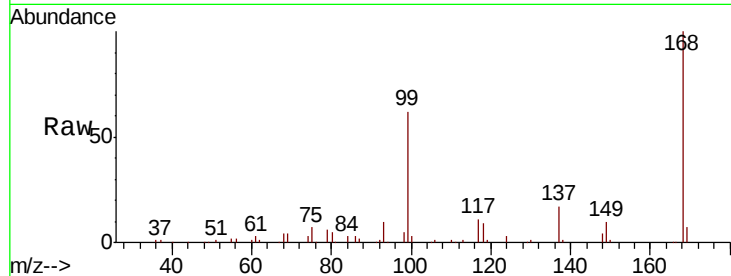
VW1224SBL02

Tgt Ion:168 Resp: 76026

Ion Ratio Lower Upper

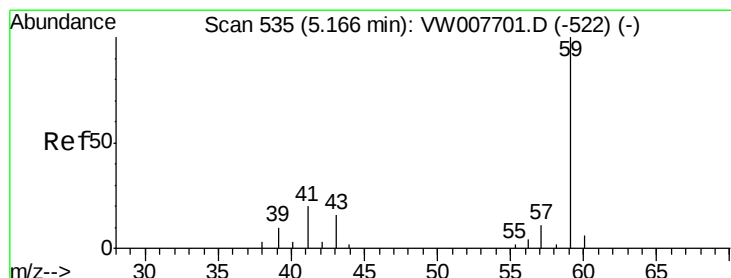
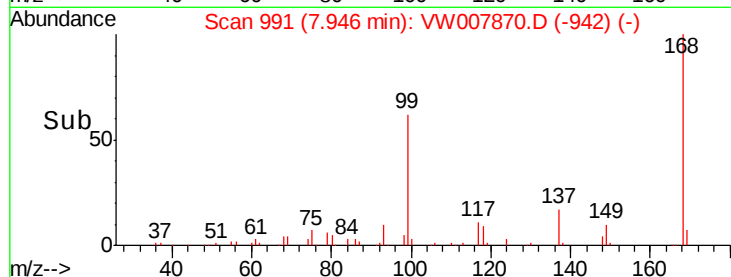
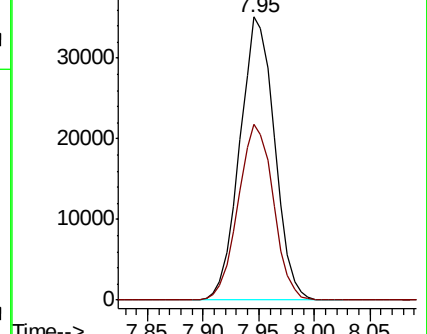
168 100

99 62.2 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.153 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW007870.D

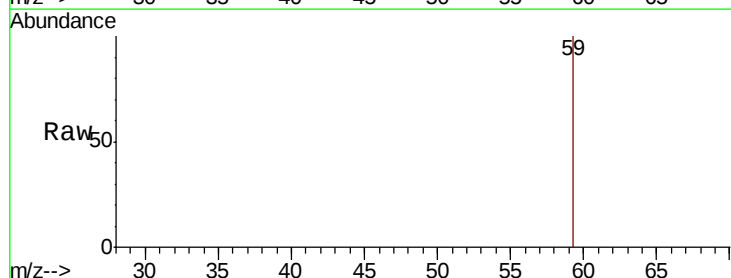
Acq: 23 Dec 2018 04:50

Tgt Ion: 59 Resp: 121

Ion Ratio Lower Upper

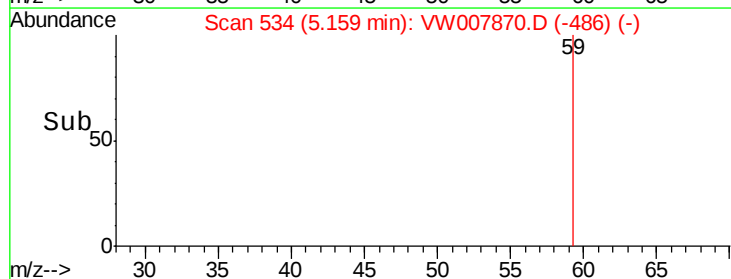
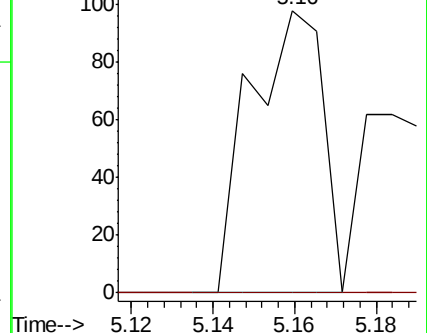
59 100

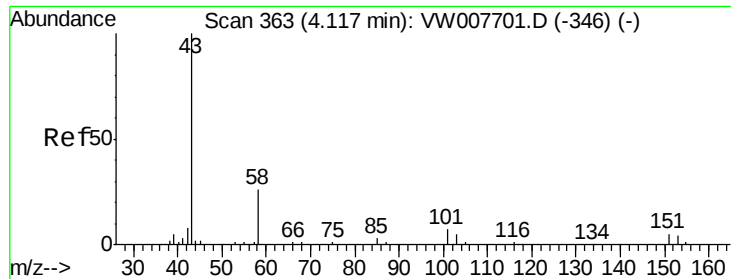
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 4.281 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW007870.D

Acq: 23 Dec 2018 04:50

Instrument :

MSVOA_W

ClientSampleId :

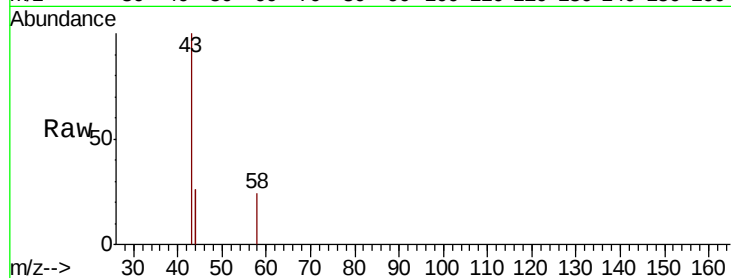
VW1224SBL02

Tgt Ion: 43 Resp: 668

Ion Ratio Lower Upper

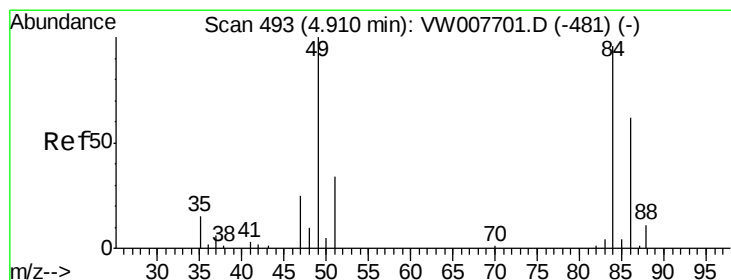
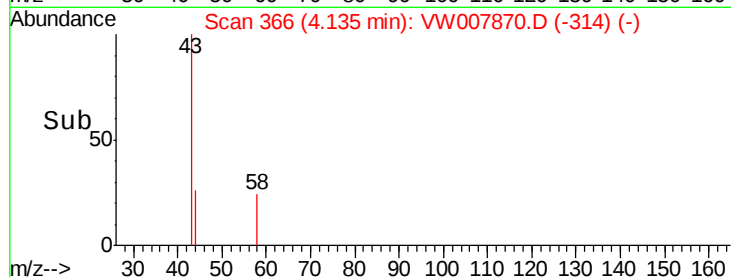
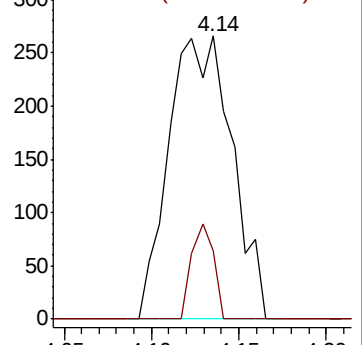
43 100

58 24.1 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007870.D

Acq: 23 Dec 2018 04:50

Tgt Ion: 84 Resp: 2937

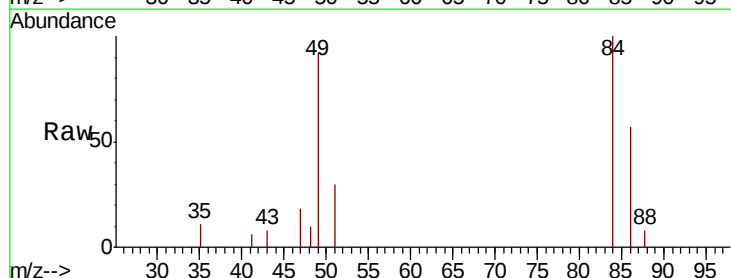
Ion Ratio Lower Upper

84 100

49 91.5 83.7 125.5

51 30.0 28.2 42.2

86 57.4 52.2 78.2

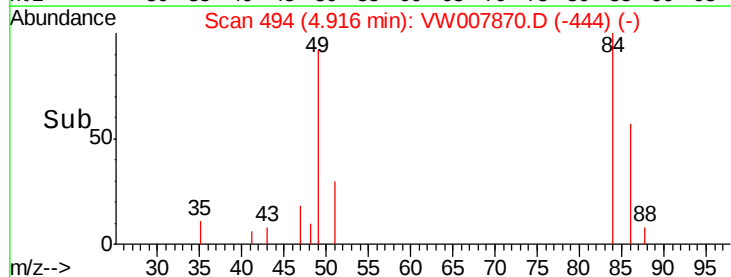
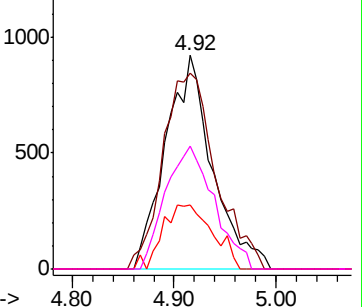


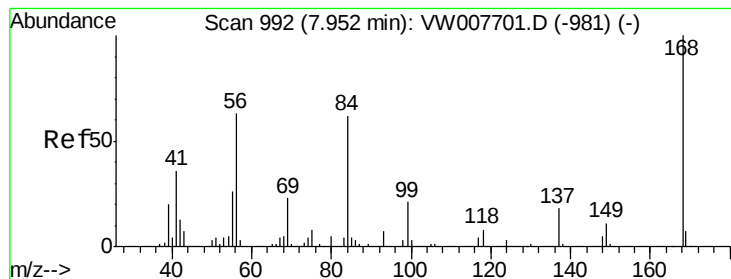
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#31

Cyclohexane

Concen: 1.267 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007870.D

Acq: 23 Dec 2018 04:50

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBL02

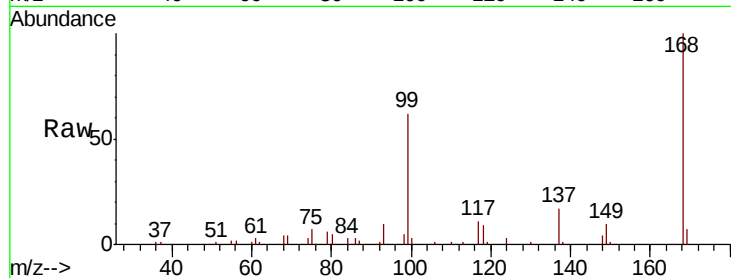
Tgt Ion: 56 Resp: 1572

Ion Ratio Lower Upper

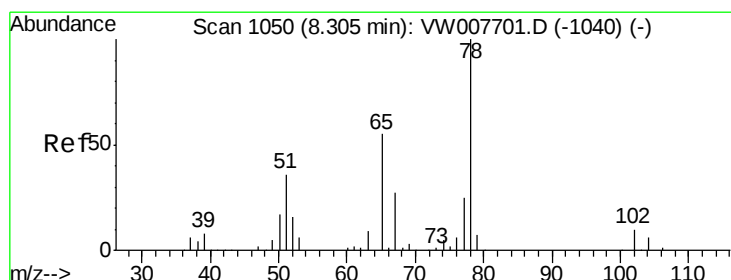
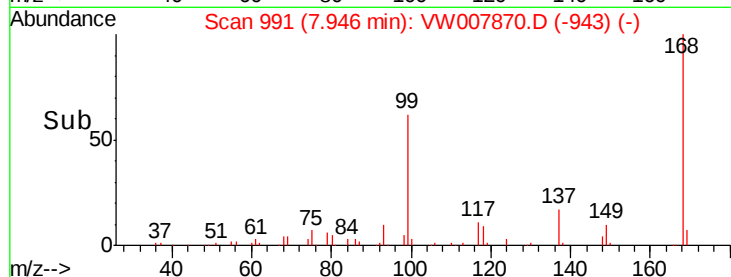
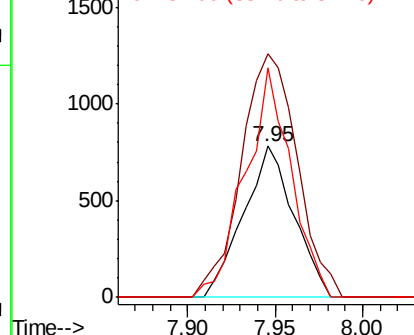
56 100

69 161.2 29.7 44.5#

84 151.6 78.9 118.3#



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: 56.102 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007870.D

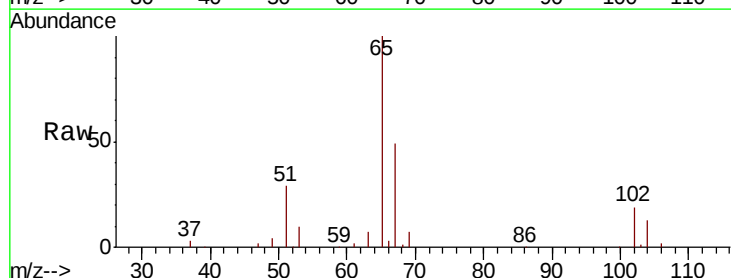
Acq: 23 Dec 2018 04:50

Tgt Ion: 65 Resp: 46749

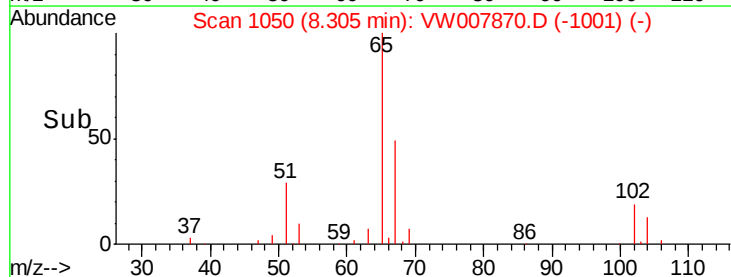
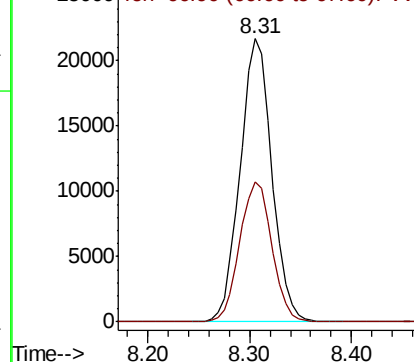
Ion Ratio Lower Upper

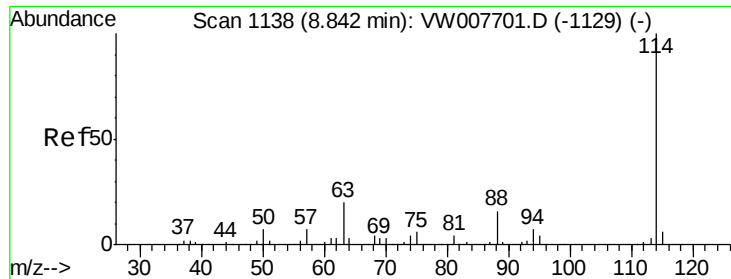
65 100

67 50.2 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: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007870.D

Acq: 23 Dec 2018 04:50

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBL02

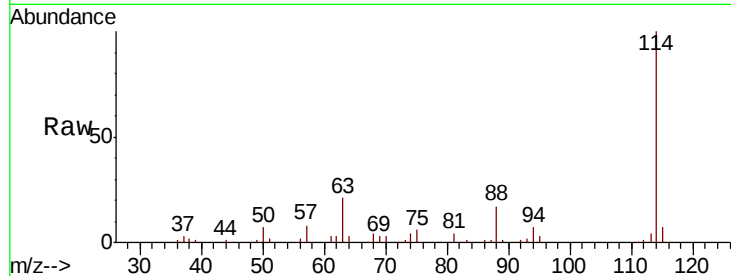
Tgt Ion:114 Resp: 130127

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

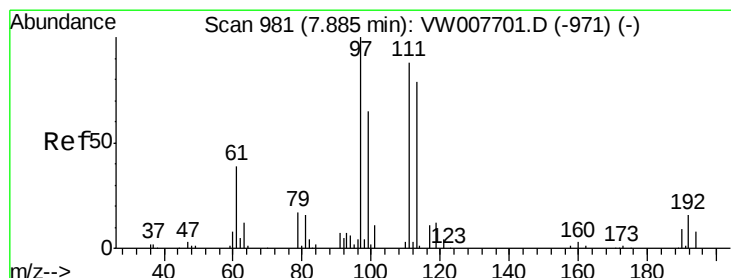
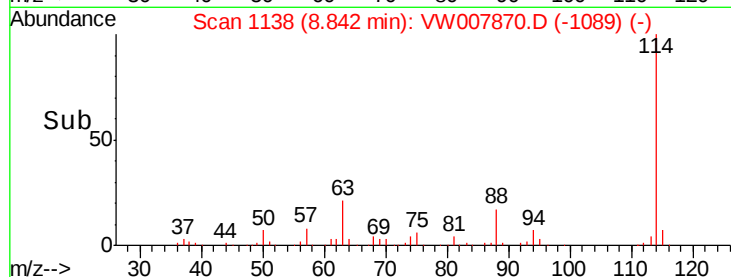
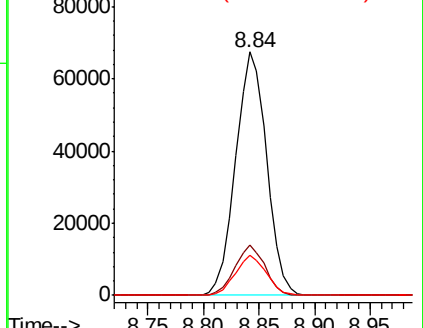
88 16.6 0.0 32.6



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: 52.684 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007870.D

Acq: 23 Dec 2018 04:50

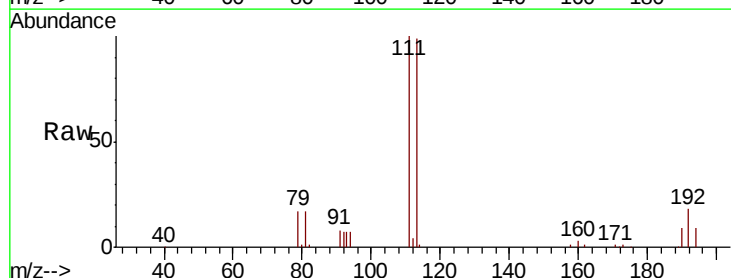
Tgt Ion:113 Resp: 41823

Ion Ratio Lower Upper

113 100

111 100.8 82.6 124.0

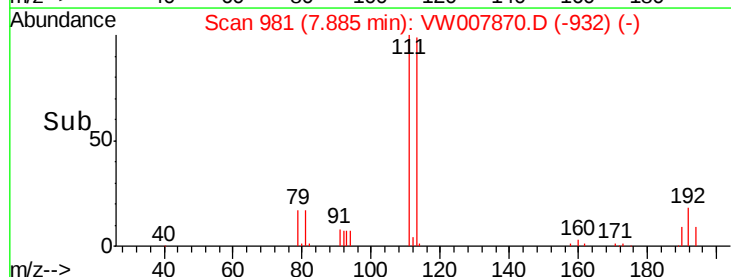
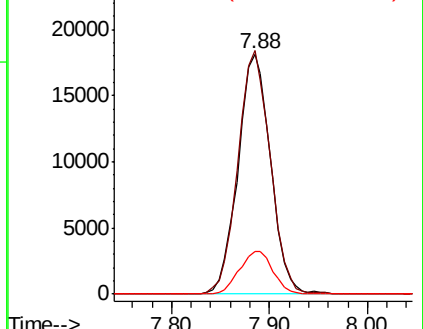
192 18.4 15.5 23.3

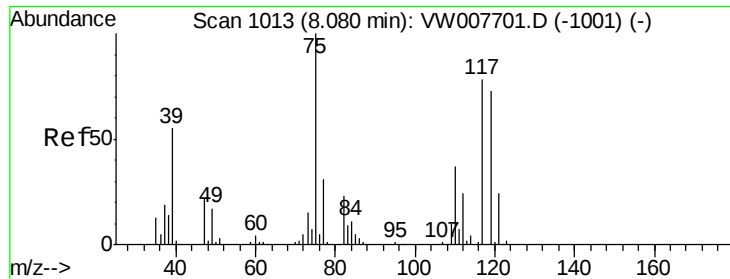


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.620 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007870.D

Acq: 23 Dec 2018 04:50

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBL02

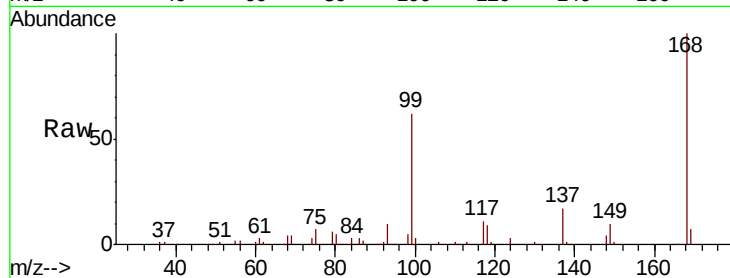
Tgt Ion: 75 Resp: 5803

Ion Ratio Lower Upper

75 100

110 9.6 18.6 55.8#

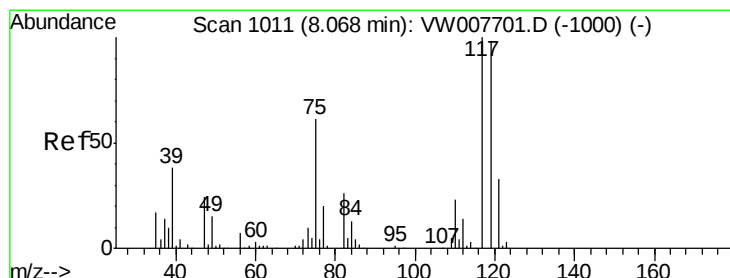
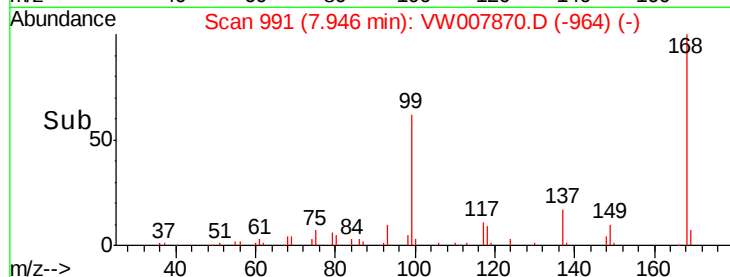
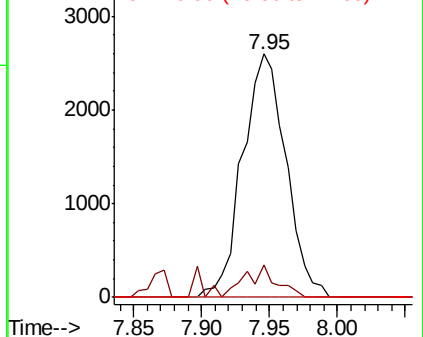
77 0.0 25.0 37.4#



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: 5.661 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007870.D

Acq: 23 Dec 2018 04:50

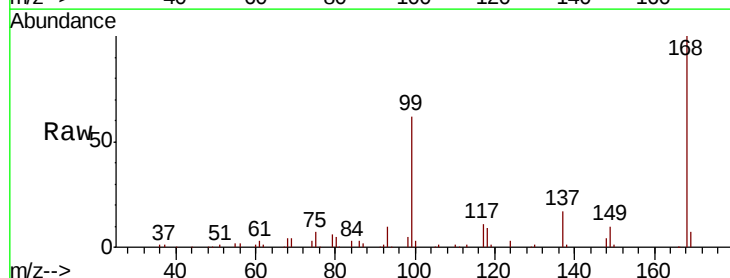
Tgt Ion: 117 Resp: 8374

Ion Ratio Lower Upper

117 100

119 5.1 78.2 117.2#

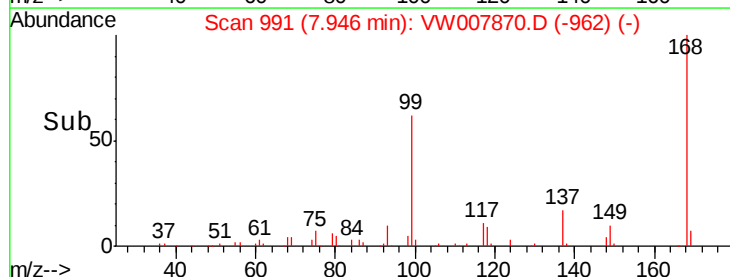
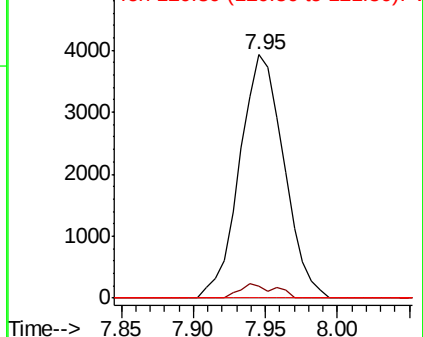
121 0.0 26.1 39.1#

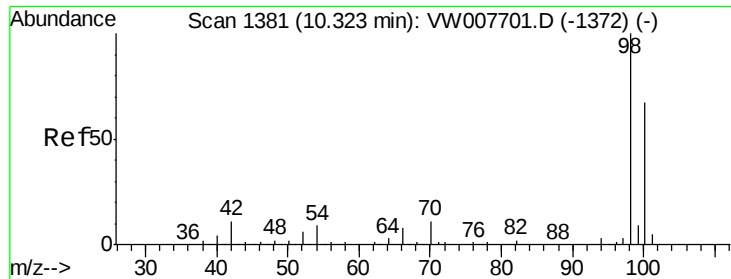


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 53.804 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007870.D

Acq: 23 Dec 2018 04:50

Instrument :

MSVOA_W

ClientSampleId :

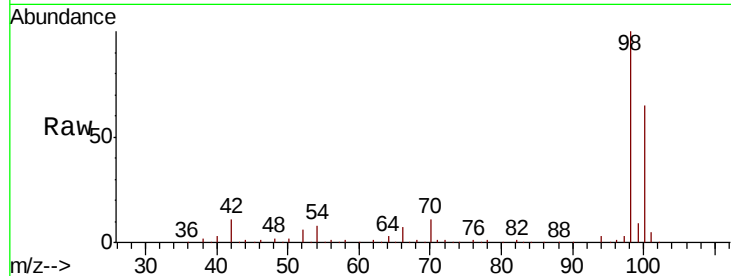
VW1224SBL02

Tgt Ion: 98 Resp: 161017

Ion Ratio Lower Upper

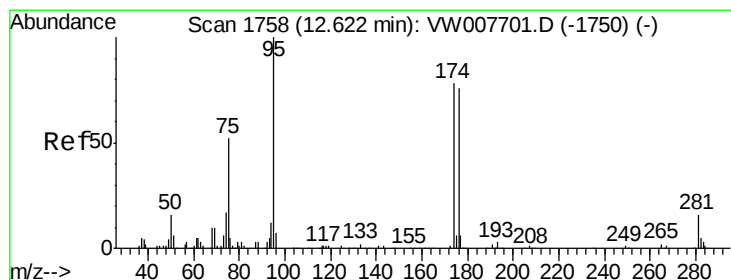
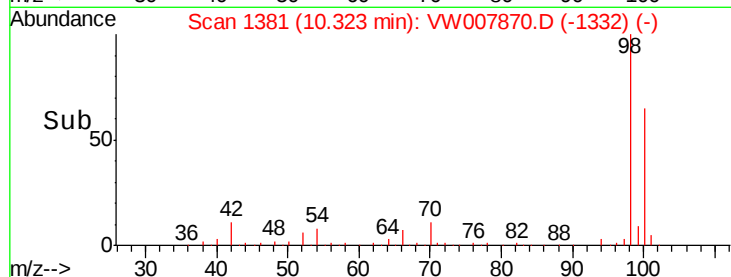
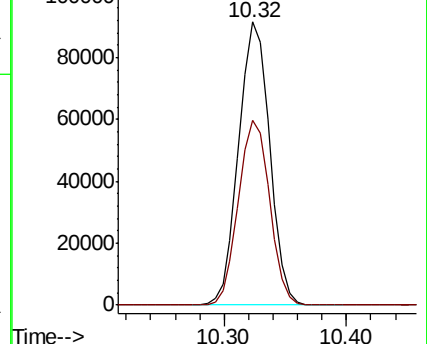
98 100

100 65.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 53.377 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007870.D

Acq: 23 Dec 2018 04:50

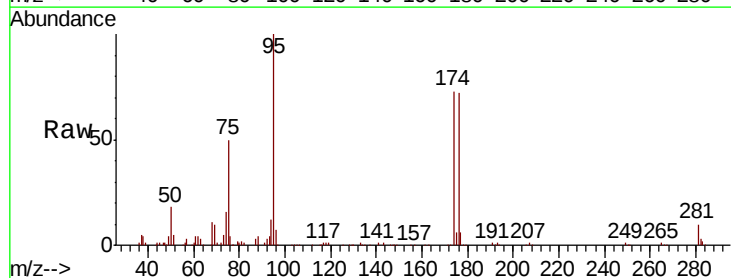
Tgt Ion: 95 Resp: 61711

Ion Ratio Lower Upper

95 100

174 74.2 0.0 152.2

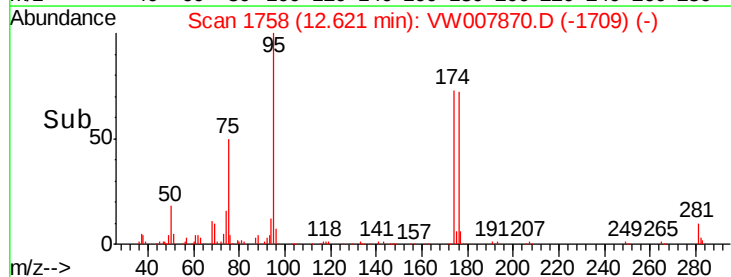
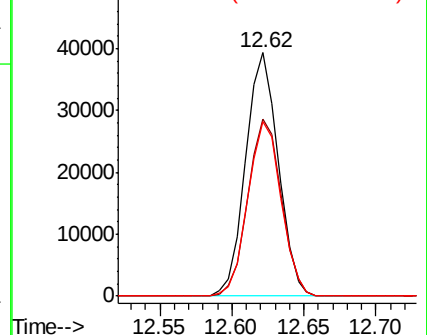
176 72.9 0.0 146.8

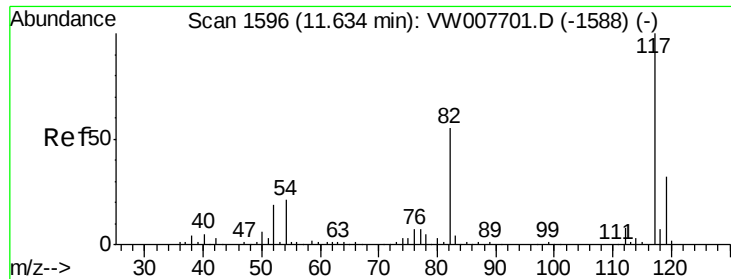


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

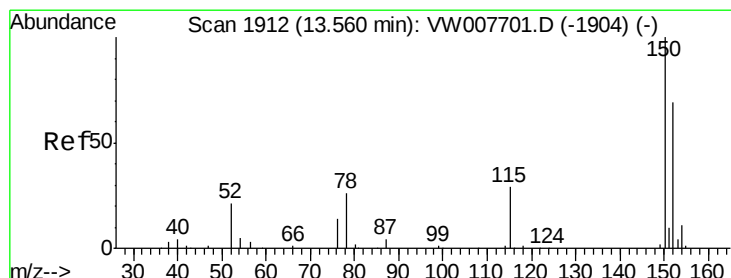
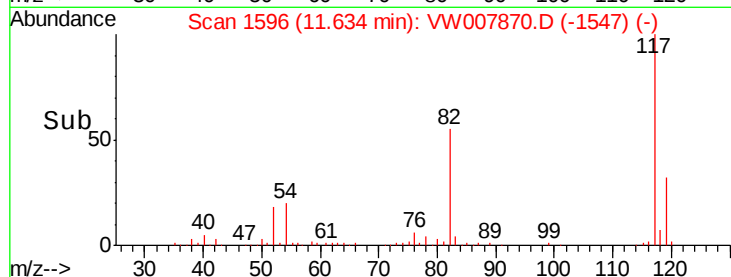
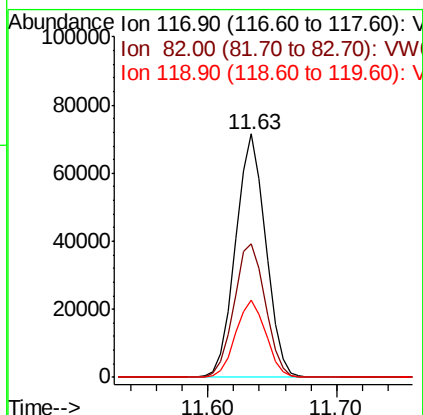
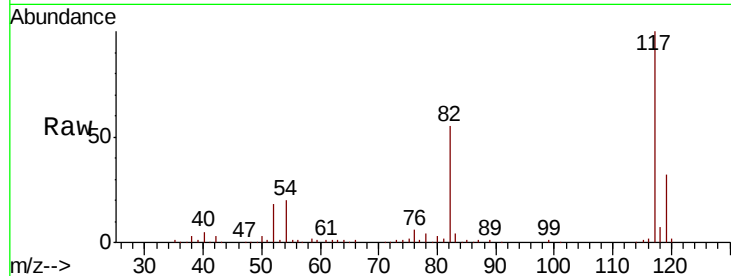




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007870.D
Acq: 23 Dec 2018 04:50

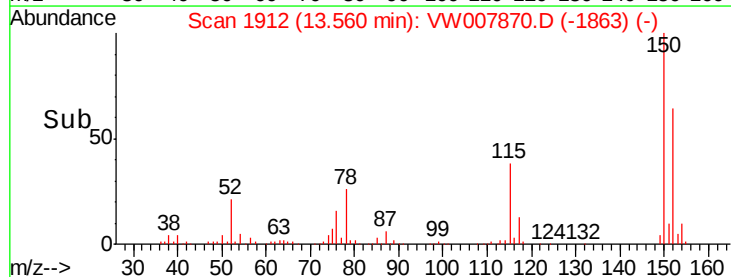
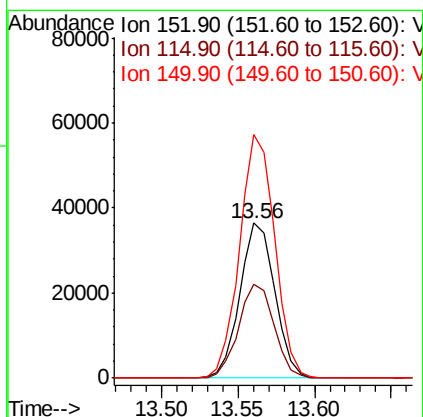
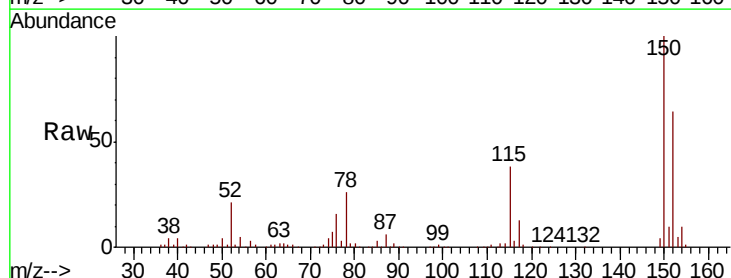
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBL02

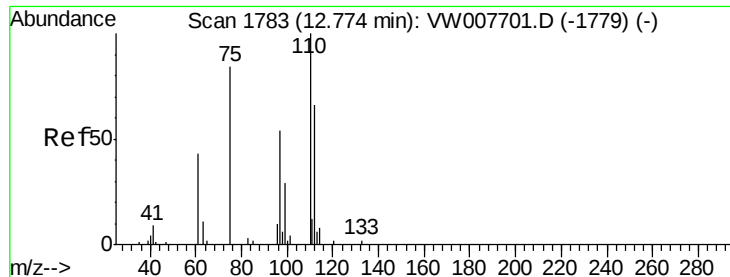
Tgt Ion:117 Resp: 115964
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007870.D
Acq: 23 Dec 2018 04:50

Tgt Ion:152 Resp: 57947
Ion Ratio Lower Upper
152 100
115 61.5 31.8 95.4
150 157.7 0.0 350.8





#76

1,2,3-Trichloropropane

Concen: 70.573 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007870.D

Acq: 23 Dec 2018 04:50

Instrument :

MSVOA_W

ClientSampleId :

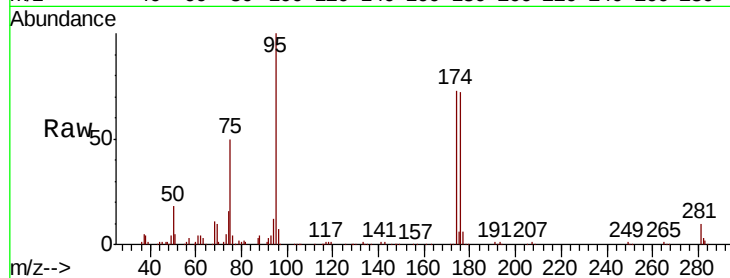
VW1224SBL02

Tgt Ion: 75 Resp: 31608

Ion Ratio Lower Upper

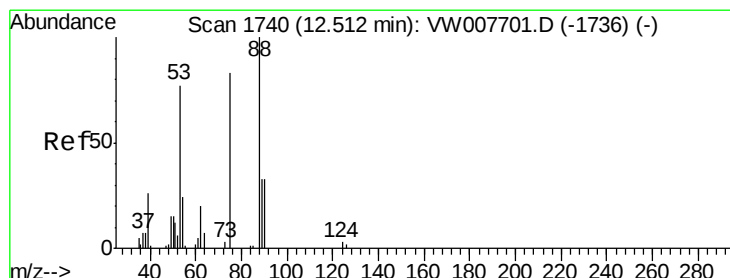
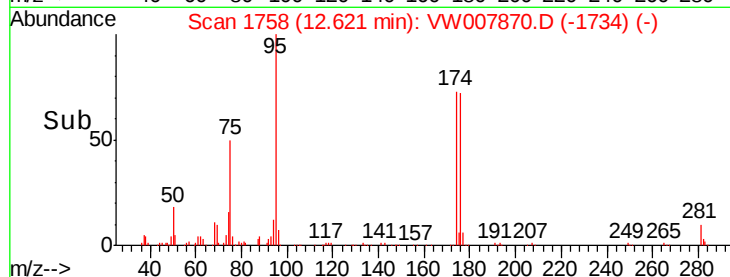
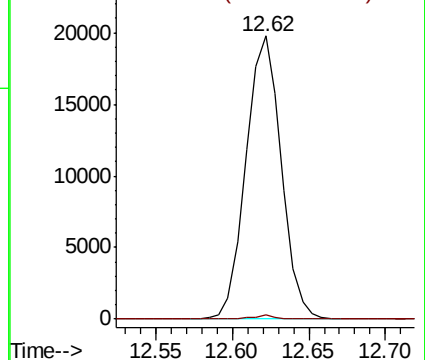
75 100

77 1.0 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: 148.138 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007870.D

Acq: 23 Dec 2018 04:50

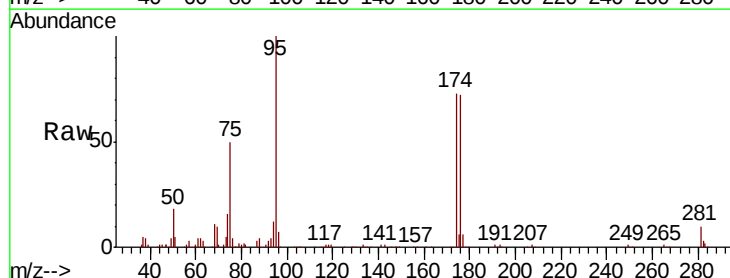
Tgt Ion: 75 Resp: 31608

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.1 39.2 58.8#



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

