

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007114.D
 Acq On : 28 Nov 2018 15:33
 Operator : VAY/AP
 Sample : J6079-03
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 J-3

Quant Time: Nov 29 04:36:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

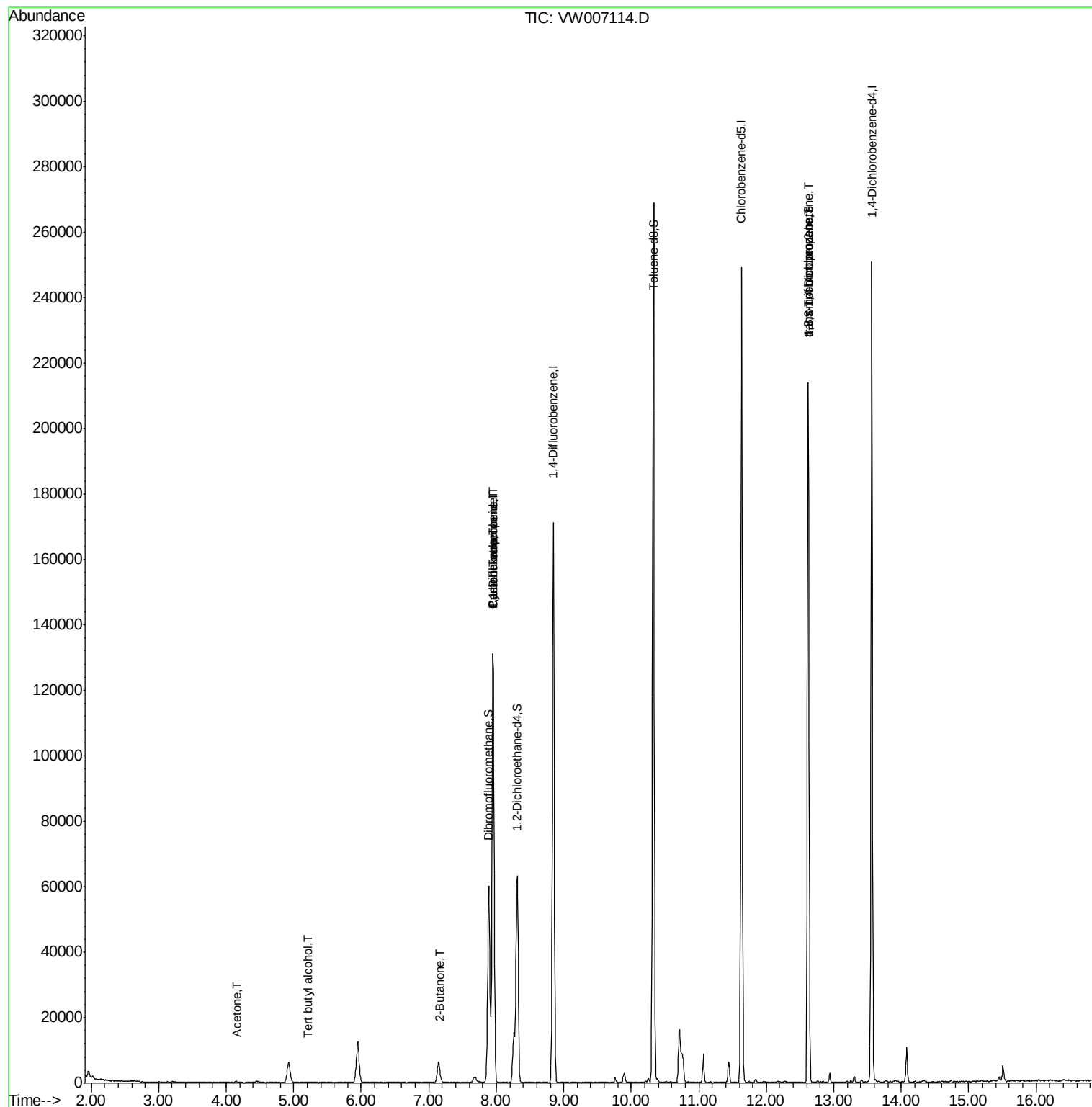
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	98466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	149117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	139279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	65262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	52863	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
35) Dibromofluoromethane	7.89	113	44640	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
50) Toluene-d8	10.33	98	187475	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.62	95	69263	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.20	59	85	1.354	ug/l #	71
16) Acetone	4.15	43	565	4.037	ug/l #	44
20) Methylene Chloride	4.93	84	5061	Below Cal		95
25) 2-Butanone	7.17	43	290	1.210	ug/l #	48
31) Cyclohexane	7.95	56	1987	1.070	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	7595	5.212	ug/l #	48
38) Carbon Tetrachloride	7.96	117	10278	7.366	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	33631	65.580	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	33631	164.645	ug/l #	10

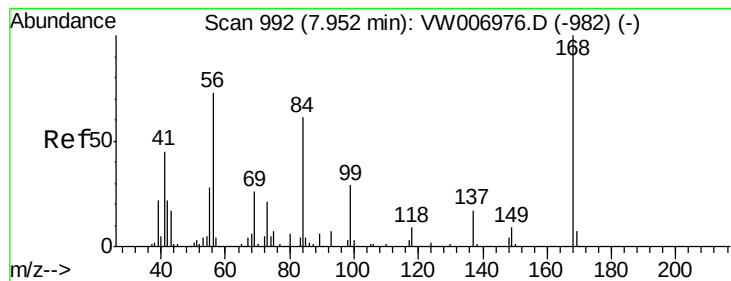
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
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Quant Time: Nov 29 04:36:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007114.D

Acq: 28 Nov 2018 15:33

Instrument :

MSVOA_W

ClientSampled :

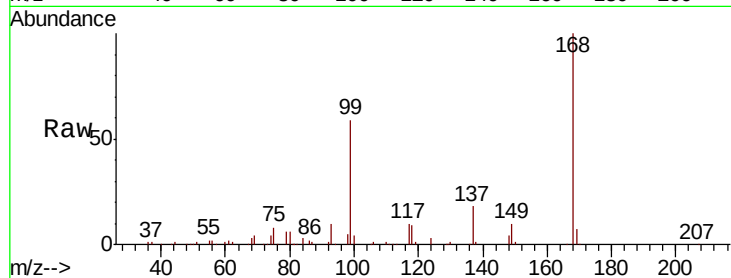
J-3

Tot Ion:168 Resp: 98466

Ion Ratio Lower Upper

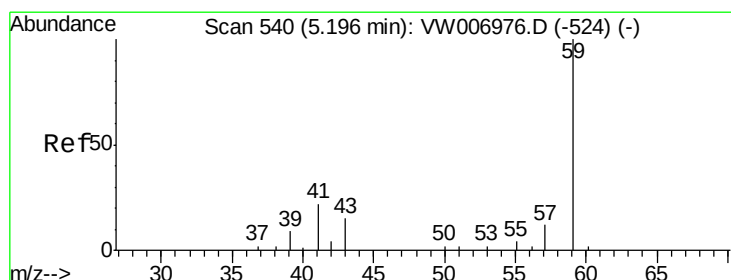
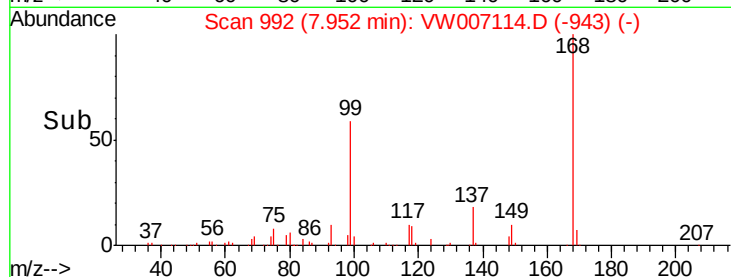
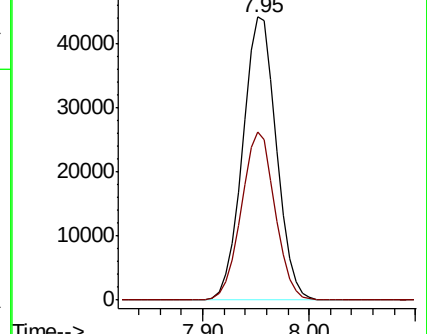
168 100

99 59.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.354 ug/l

RT: 5.20 min Scan# 541

Delta R.T. 0.01 min

Lab File: VW007114.D

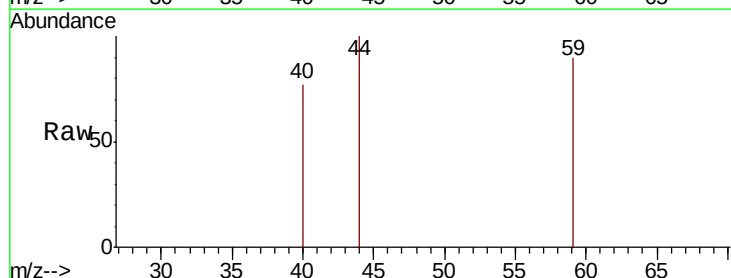
Acq: 28 Nov 2018 15:33

Tgt Ion: 59 Resp: 85

Ion Ratio Lower Upper

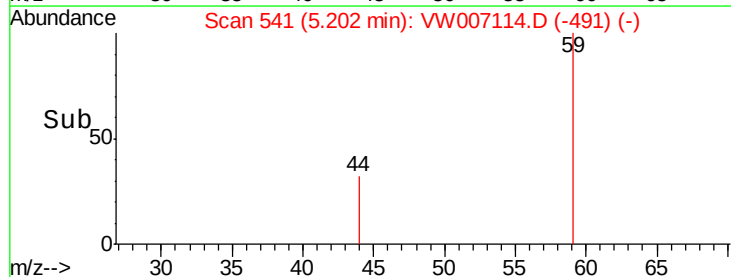
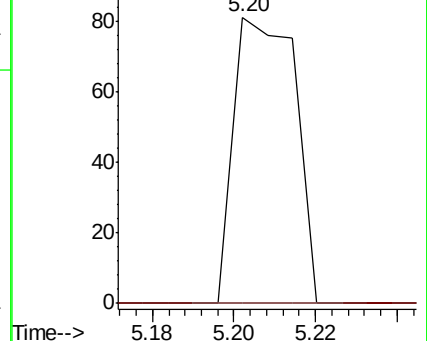
59 100

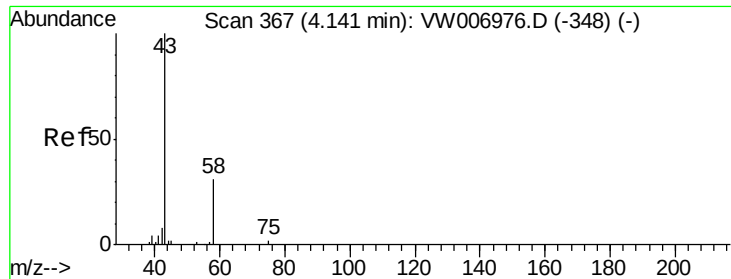
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 4.037 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007114.D

Acq: 28 Nov 2018 15:33

Instrument :

MSVOA_W

ClientSampled :

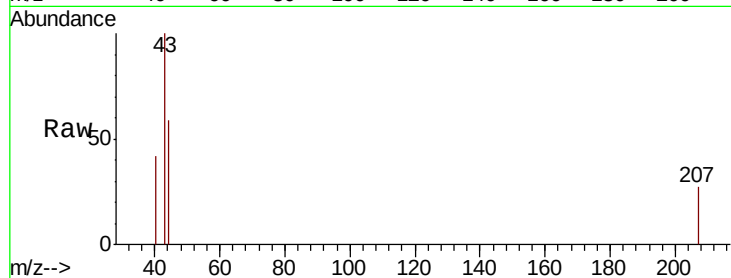
J-3

Tot Ion: 43 Resp: 565

Ion Ratio Lower Upper

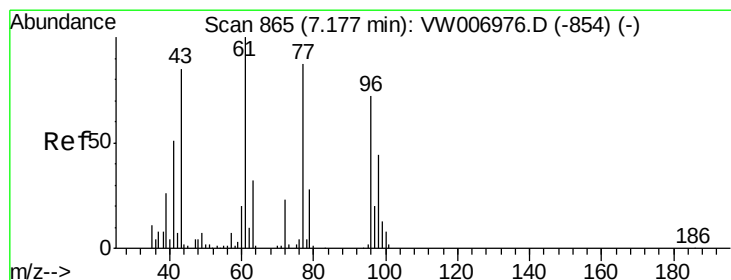
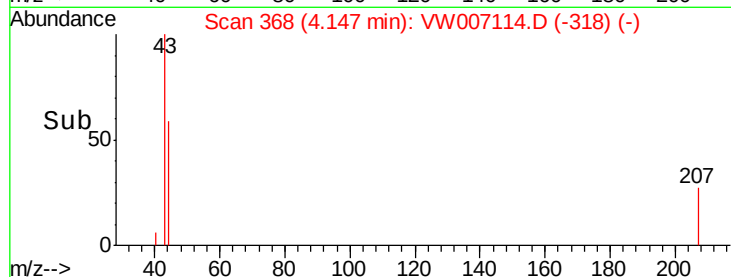
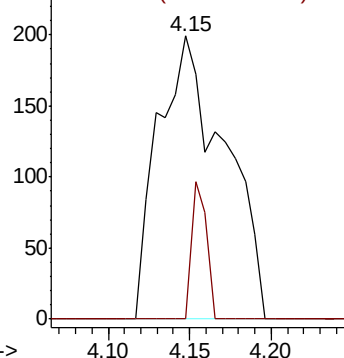
43 100

58 0.0 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

2-Butanone

Concen: 1.210 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW007114.D

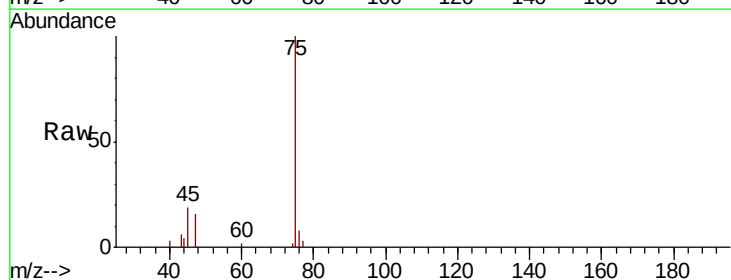
Acq: 28 Nov 2018 15:33

Tgt Ion: 43 Resp: 290

Ion Ratio Lower Upper

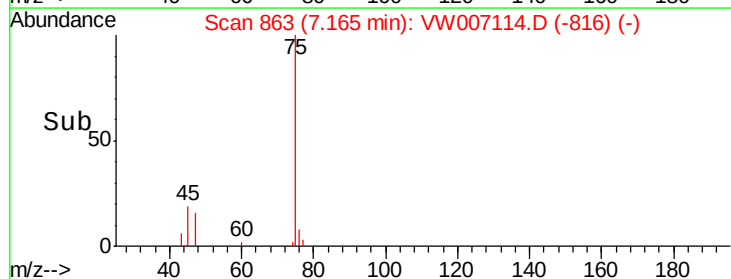
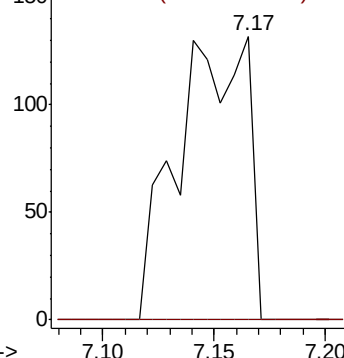
43 100

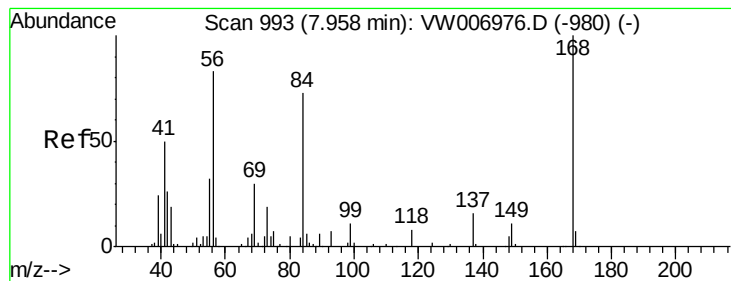
72 0.0 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.070 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007114.D

Acq: 28 Nov 2018 15:33

Instrument :

MSVOA_W

ClientSampleId :

J-3

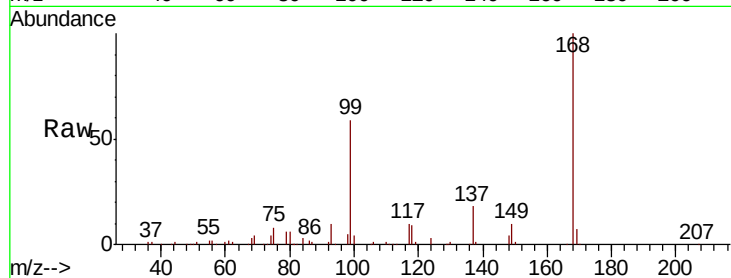
Tot Ion: 56 Resp: 1987

Ion Ratio Lower Upper

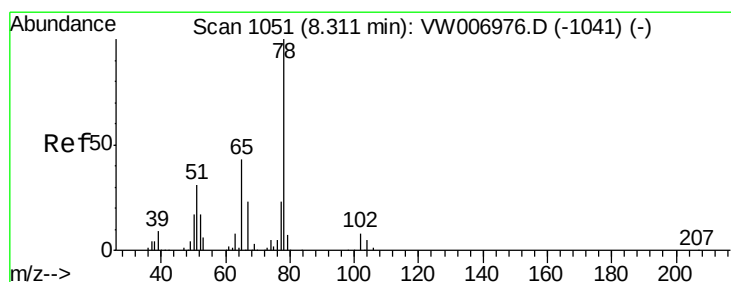
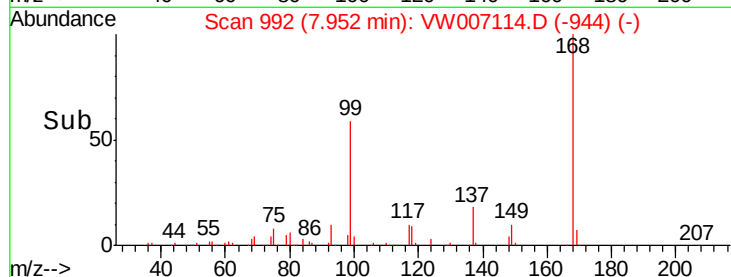
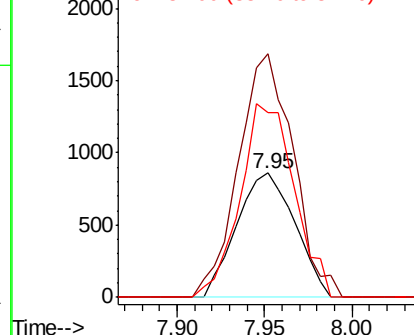
56 100

69 196.4 29.1 43.7#

84 149.3 70.6 105.8#



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: 54.837 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW007114.D

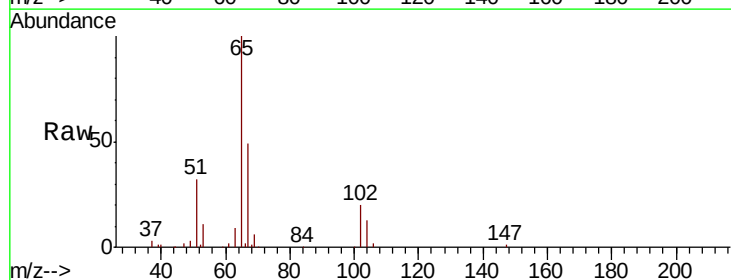
Acq: 28 Nov 2018 15:33

Tgt Ion: 65 Resp: 52863

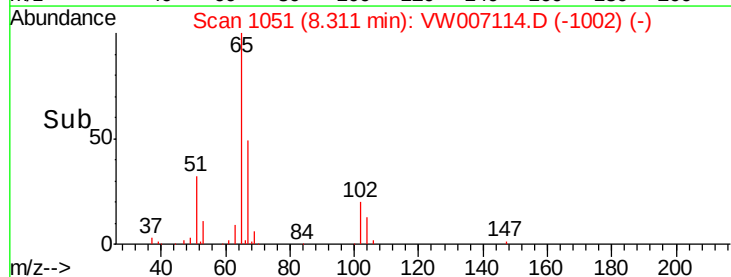
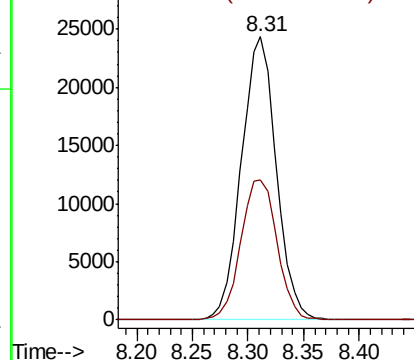
Ion Ratio Lower Upper

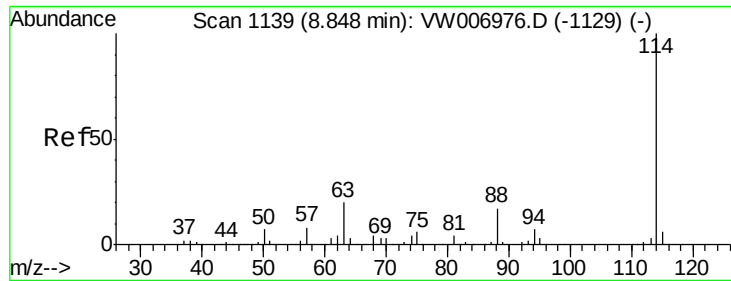
65 100

67 51.5 0.0 106.2



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

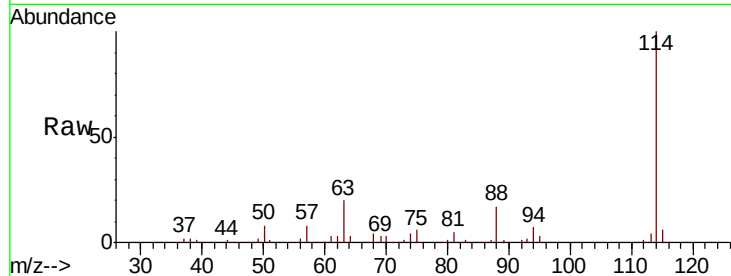




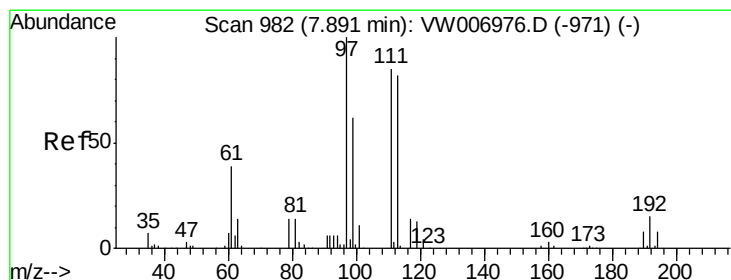
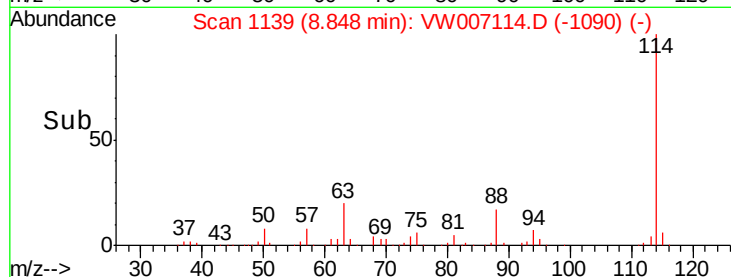
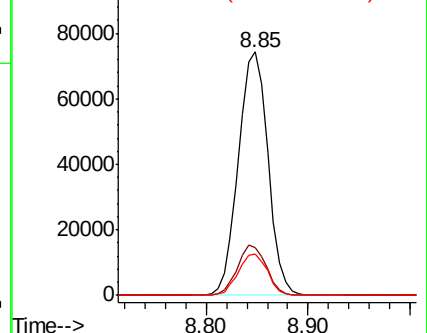
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007114.D
 Acq: 28 Nov 2018 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 J-3

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.4
88	16.9	0.0	34.2

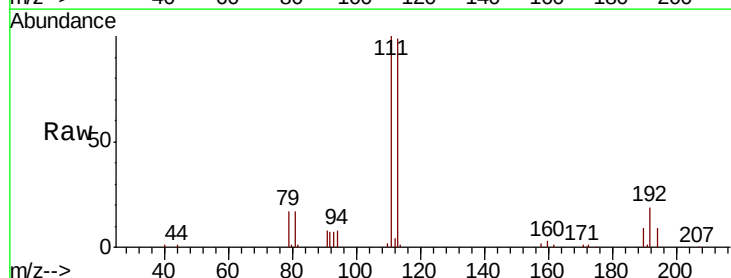


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

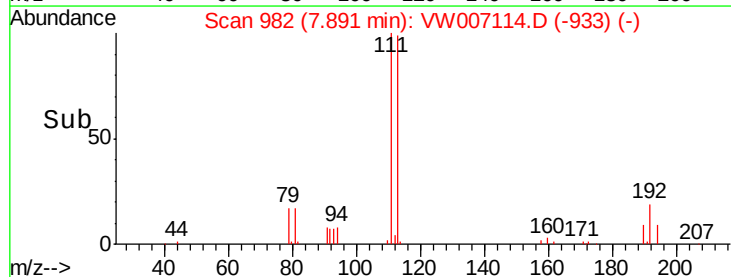
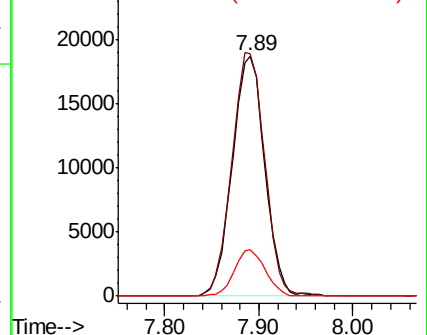


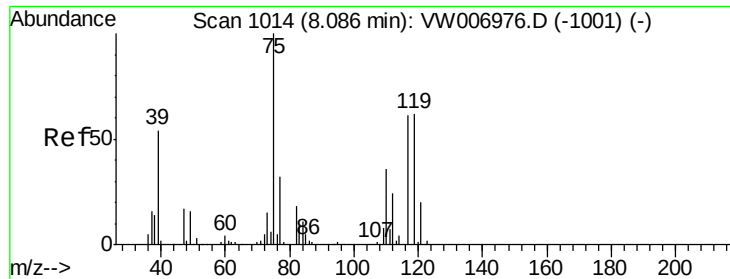
#35
 Dibromofluoromethane
 Concen: 53.010 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW007114.D
 Acq: 28 Nov 2018 15:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.0	121.6
192	18.5	15.0	22.6



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: 5.212 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007114.D

Acq: 28 Nov 2018 15:33

Instrument :

MSVOA_W

ClientSampled :

J-3

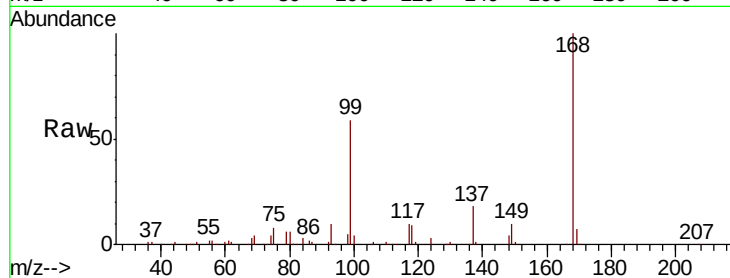
Tot Ion: 75 Resp: 7595

Ion Ratio Lower Upper

75 100

110 8.1 18.0 54.0#

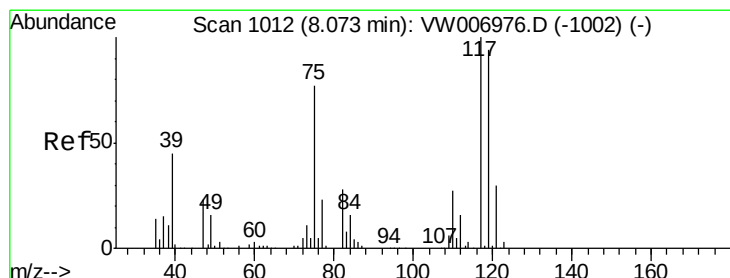
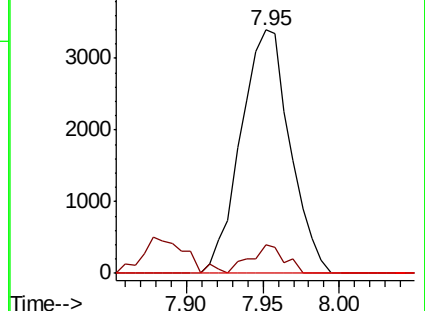
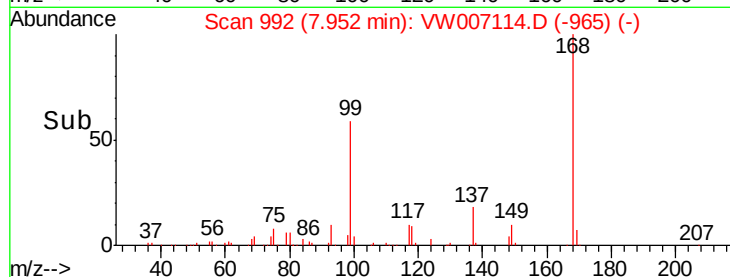
77 0.0 24.9 37.3#



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: 7.366 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW007114.D

Acq: 28 Nov 2018 15:33

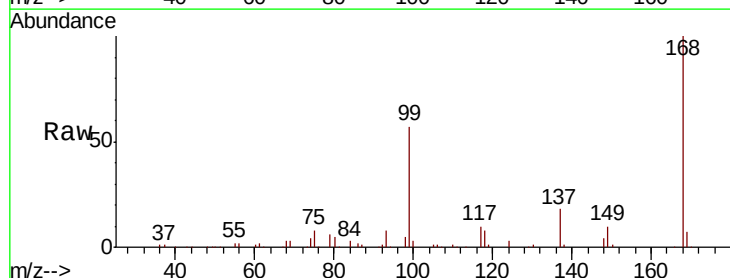
Tgt Ion: 117 Resp: 10278

Ion Ratio Lower Upper

117 100

119 6.2 74.9 112.3#

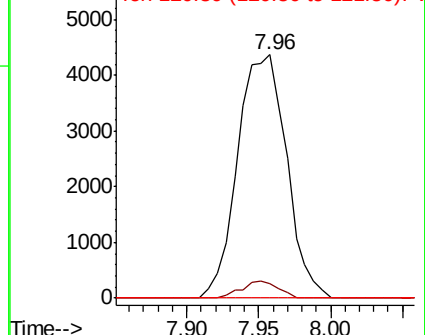
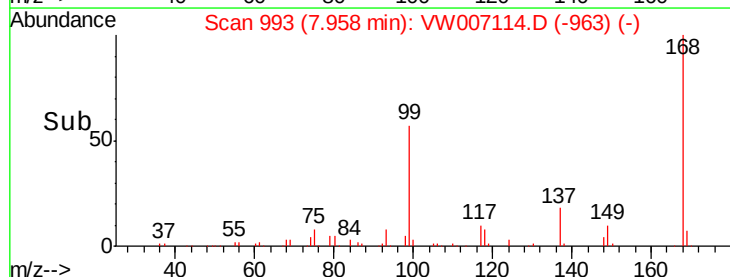
121 0.0 23.6 35.4#

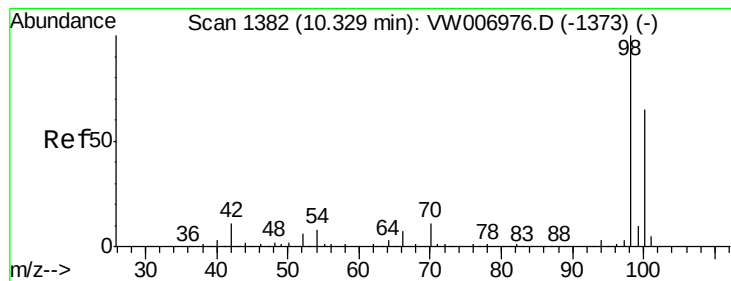


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 50.415 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW007114.D

Acq: 28 Nov 2018 15:33

Instrument :

MSVOA_W

ClientSampleId :

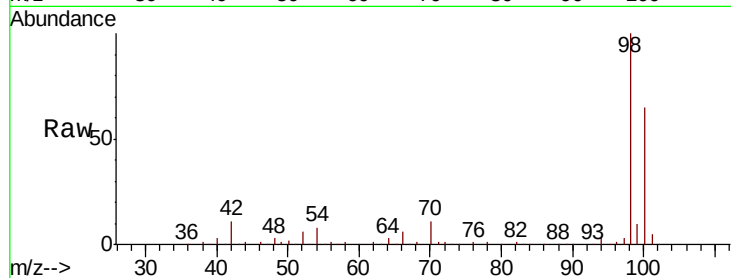
J-3

Tot Ion: 98 Resp: 187475

Ion Ratio Lower Upper

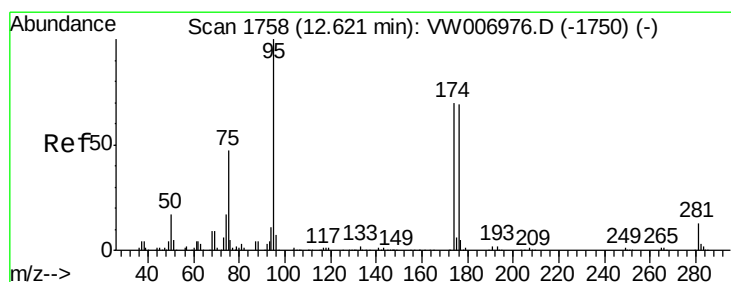
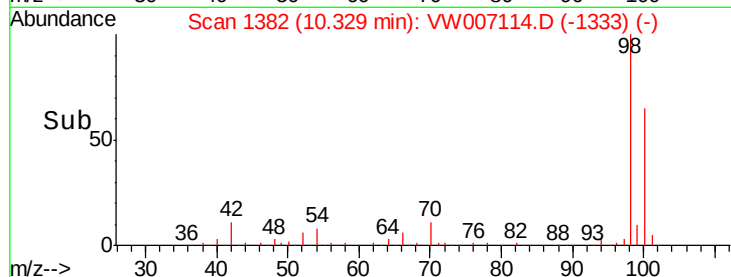
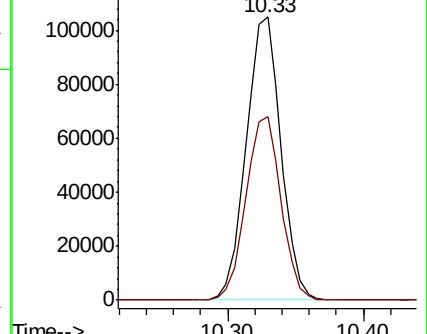
98 100

100 65.4 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: 47.332 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007114.D

Acq: 28 Nov 2018 15:33

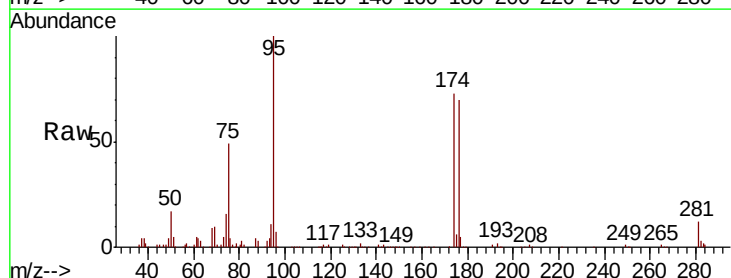
Tgt Ion: 95 Resp: 69263

Ion Ratio Lower Upper

95 100

174 74.7 0.0 143.6

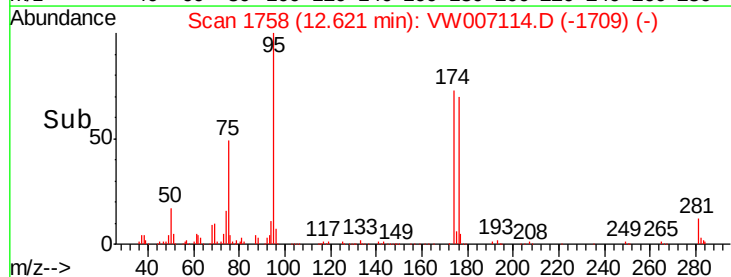
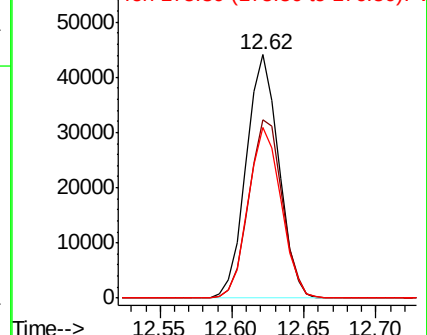
176 70.7 0.0 140.4

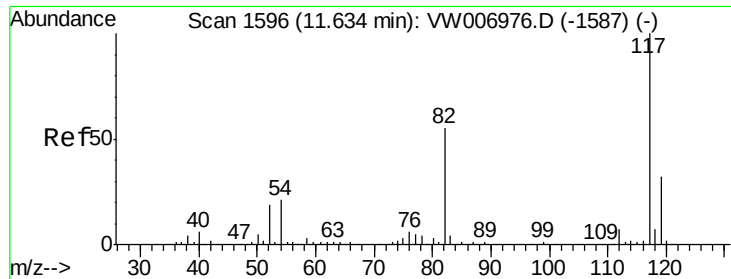


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

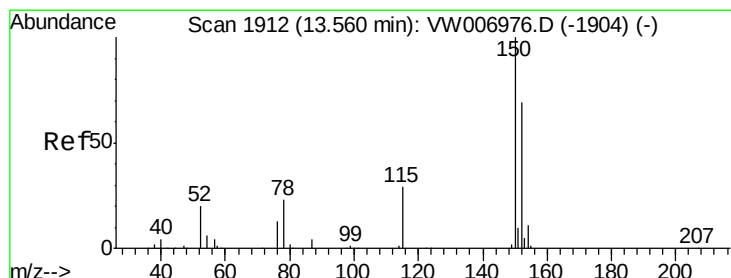
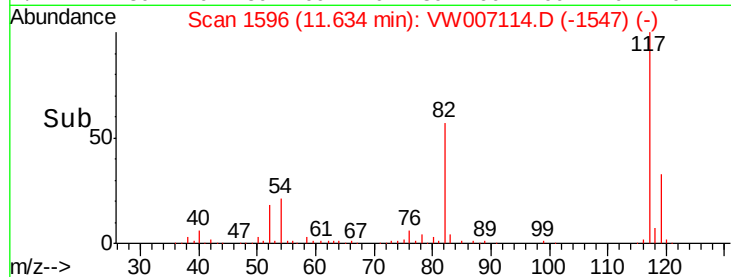
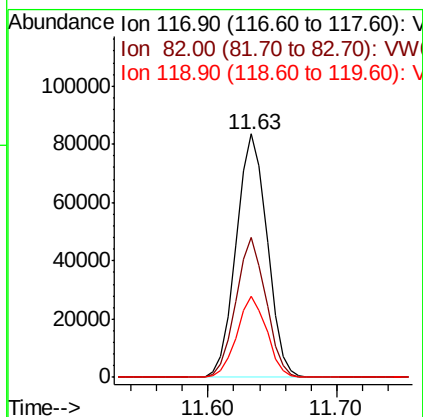
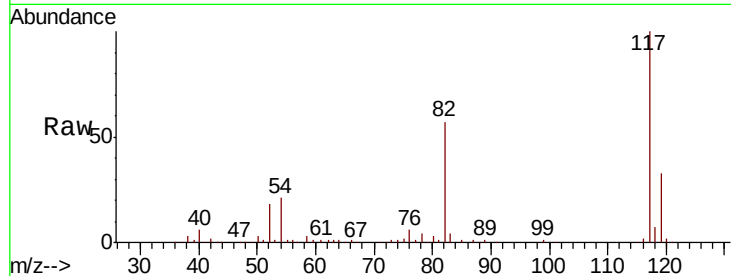




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007114.D
Acq: 28 Nov 2018 15:33

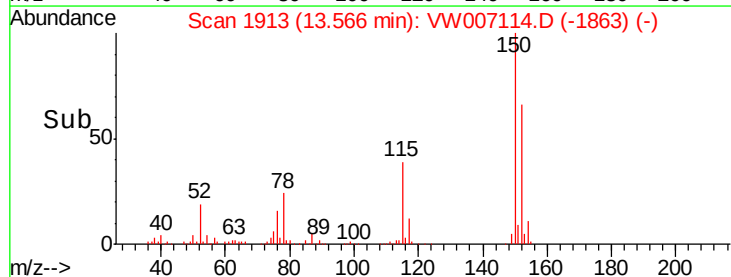
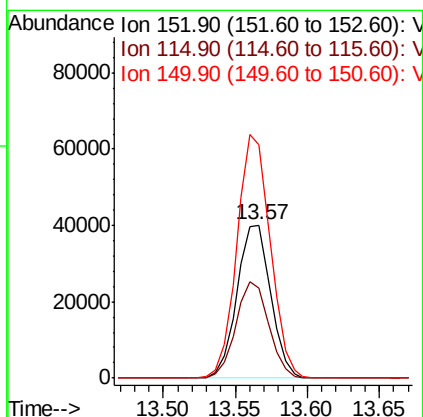
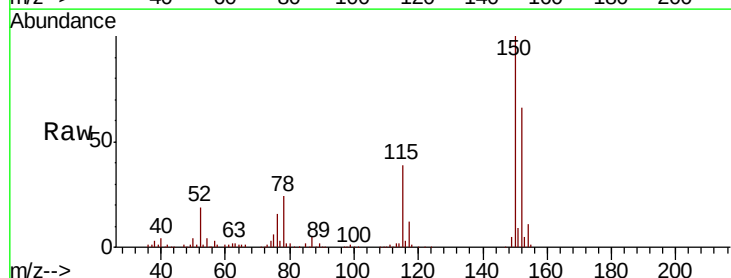
Instrument :
MSVOA_W
ClientSampled :
J-3

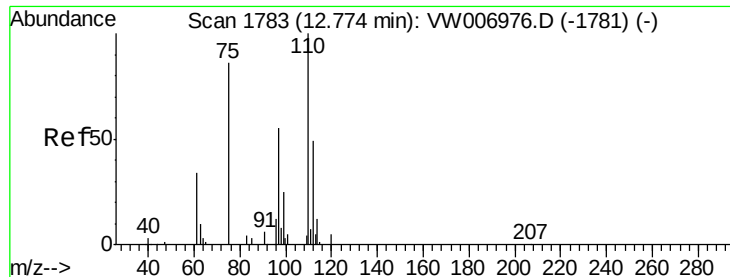
Tot Ion:117 Resp: 139279
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 33.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007114.D
Acq: 28 Nov 2018 15:33

Tgt Ion:152 Resp: 65262
Ion Ratio Lower Upper
152 100
115 61.4 31.4 94.2
150 157.2 0.0 353.4





#76

1,2,3-Trichloropropane

Concen: 65.580 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007114.D

Acq: 28 Nov 2018 15:33

Instrument :

MSVOA_W

ClientSampleId :

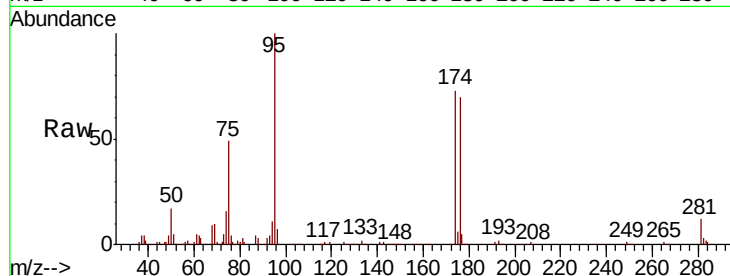
J-3

Tot Ion: 75 Resp: 33631

Ion Ratio Lower Upper

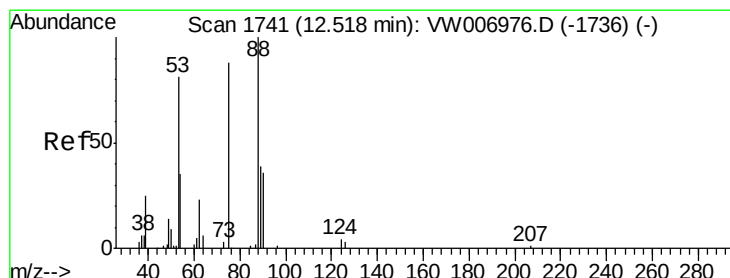
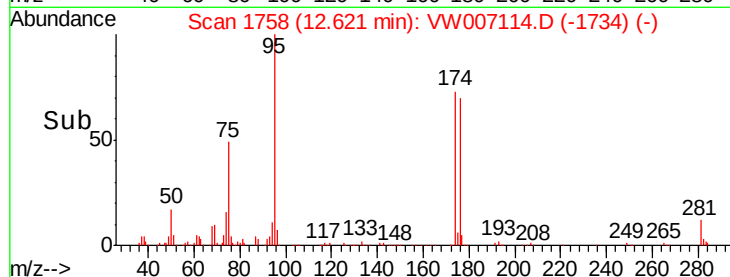
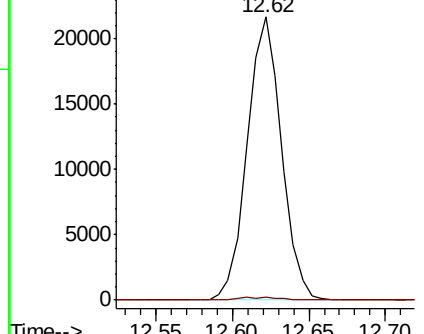
75 100

77 1.1 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: 164.645 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007114.D

Acq: 28 Nov 2018 15:33

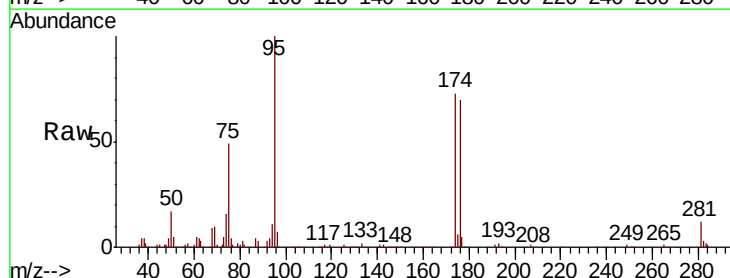
Tgt Ion: 75 Resp: 33631

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.1 39.3 58.9#



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

