

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007019.D
 Acq On : 22 Nov 2018 01:36
 Operator : VAY/AP
 Sample : VW1122SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 04:41:23 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	106374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	169884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	163251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78381	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	59337	56.98	ug/l	0.00
Spiked Amount			Recovery	=	113.96%	
35) Dibromofluoromethane	7.88	113	51344	53.52	ug/l	0.00
Spiked Amount			Recovery	=	107.04%	
50) Toluene-d8	10.32	98	226473	53.46	ug/l	0.00
Spiked Amount			Recovery	=	106.92%	
62) 4-Bromofluorobenzene	12.62	95	87954	52.76	ug/l	0.00
Spiked Amount			Recovery	=	105.52%	

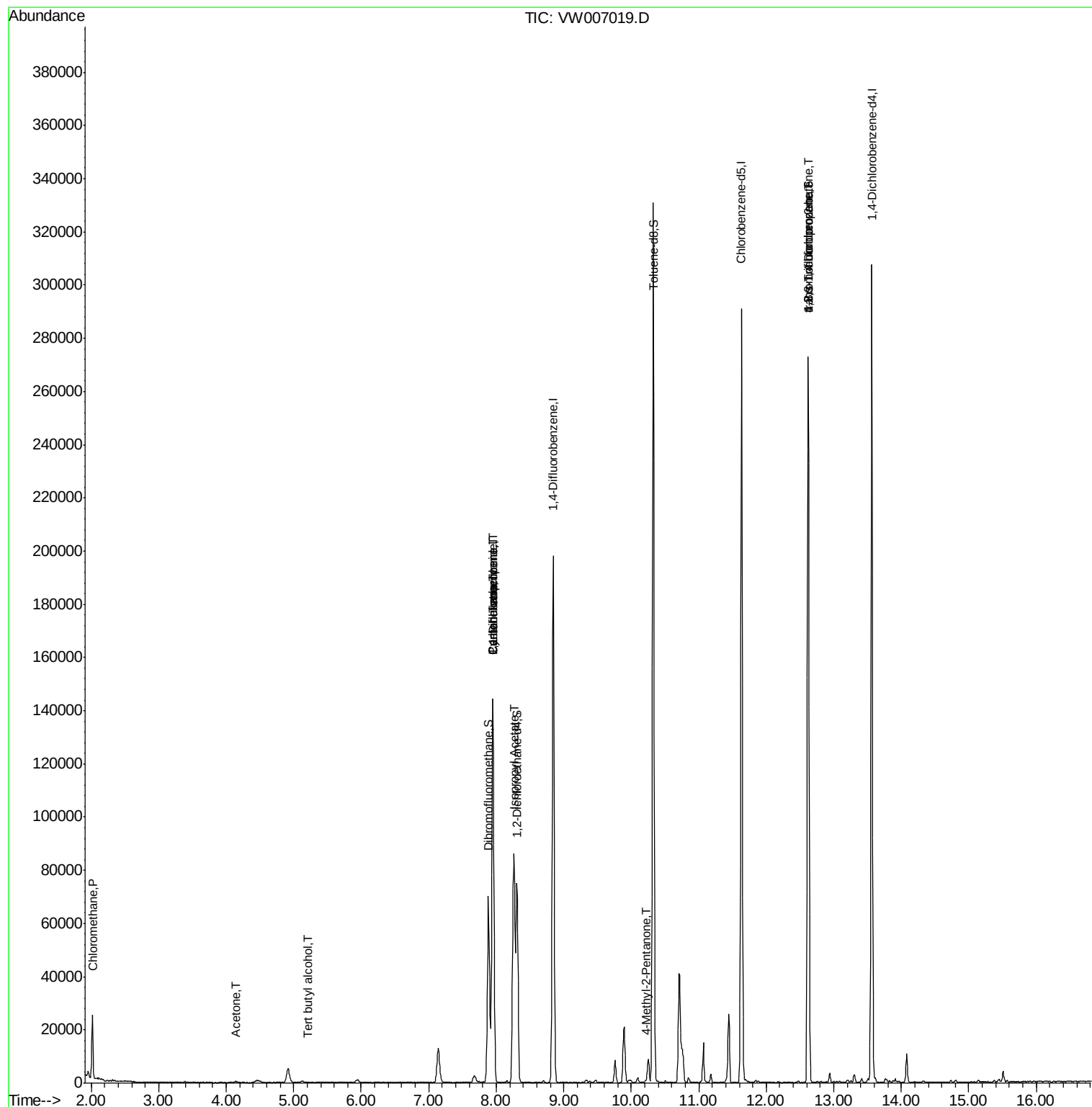
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.02	50	1377	1.573	ug/l #	73
11) Tert butyl alcohol	5.21	59	75	1.106	ug/l #	71
16) Acetone	4.14	43	987	6.528	ug/l #	84
20) Methylene Chloride	4.92	84	4179	Below Cal		95
31) Cyclohexane	7.95	56	2158	1.076	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8433	5.080	ug/l #	49
38) Carbon Tetrachloride	7.95	117	10729	6.749	ug/l #	18
43) Isopropyl Acetate	8.26	43	1921	1.676	ug/l #	29
51) 4-Methyl-2-Pentanone	10.22	43	638	1.101	ug/l	88
76) 1,2,3-Trichloropropane	12.62	75	43746	71.026	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	43746	178.318	ug/l #	10

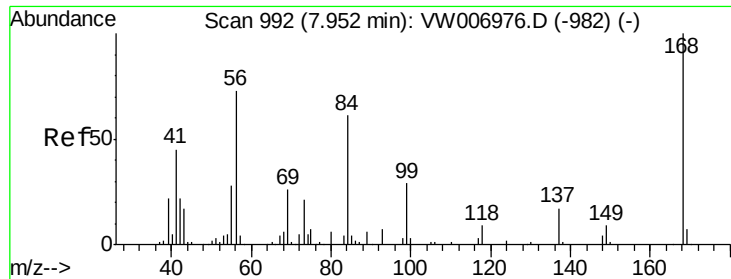
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112218\
Data File : VW007019.D
Acq On : 22 Nov 2018 01:36
Operator : VAY/AP
Sample : VW1122SBL02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 22 02:01:32 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: VW007019.D

Acq: 22 Nov 2018 01:36

Instrument :

MSVOA_W

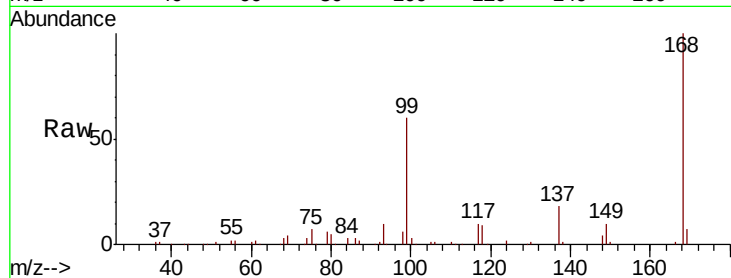
ClientSampleId :

Tot Ion:168 Resp: 106374

Ion Ratio Lower Upper

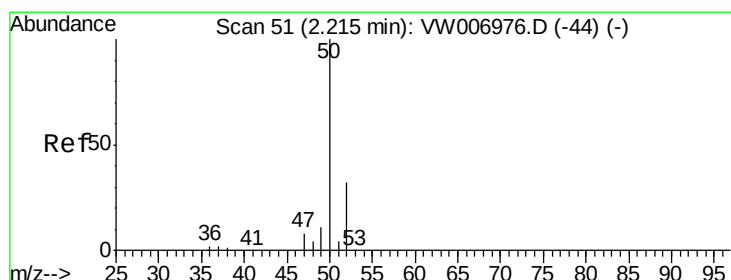
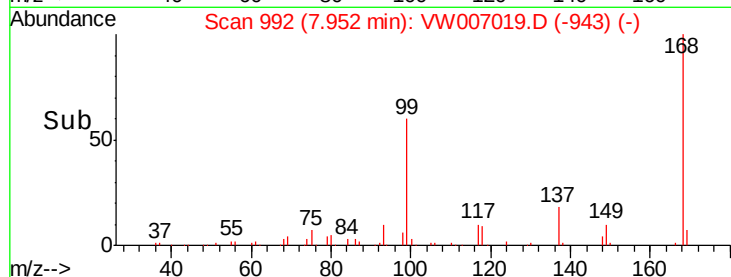
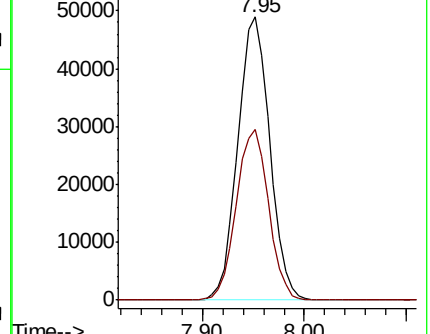
168 100

99 60.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 1.573 ug/l

RT: 2.02 min Scan# 19

Delta R.T. -0.20 min

Lab File: VW007019.D

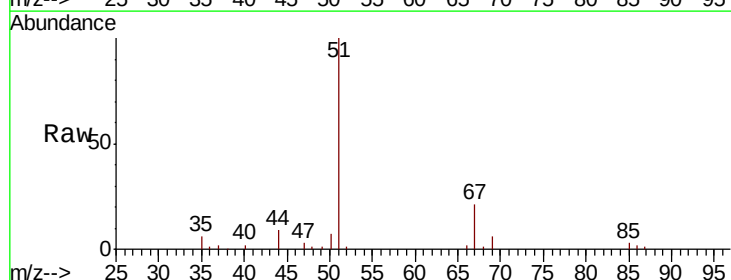
Acq: 22 Nov 2018 01:36

Tgt Ion: 50 Resp: 1377

Ion Ratio Lower Upper

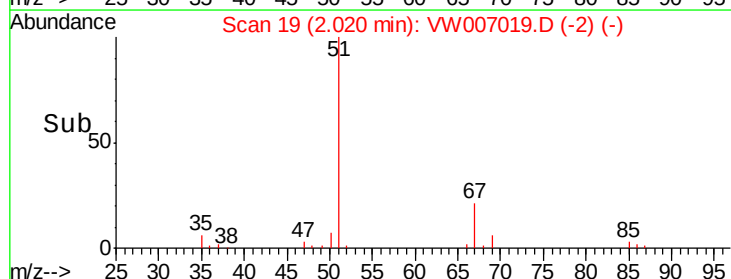
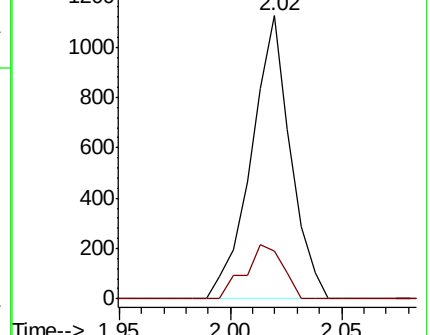
50 100

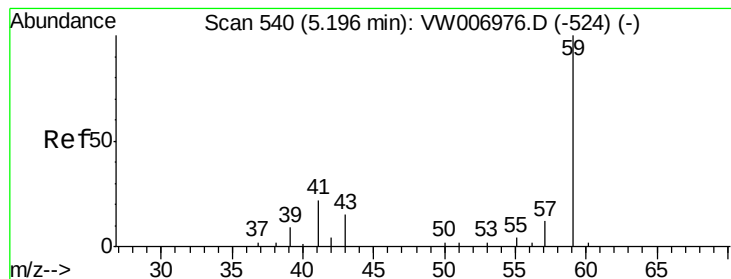
52 16.9 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#11

Tert butyl alcohol

Concen: 1.106 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.01 min

Lab File: VW007019.D

Acq: 22 Nov 2018 01:36

Instrument :

MSVOA_W

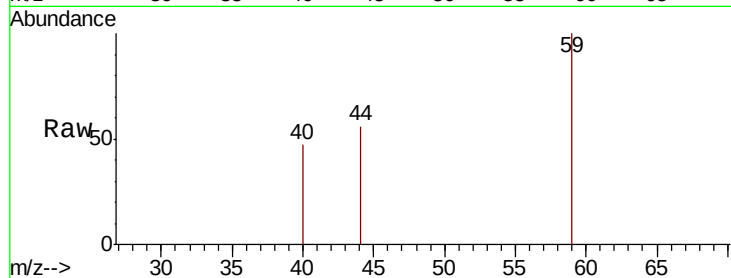
ClientSampled :

Tot Ion: 59 Resp: 75

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

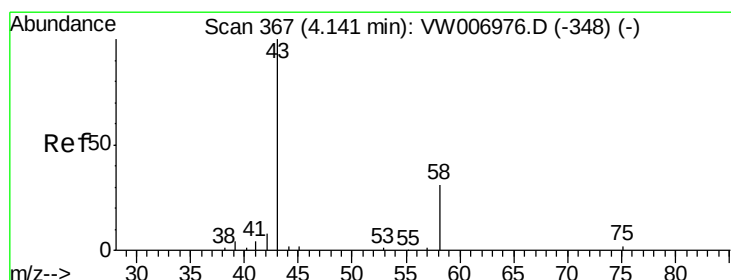
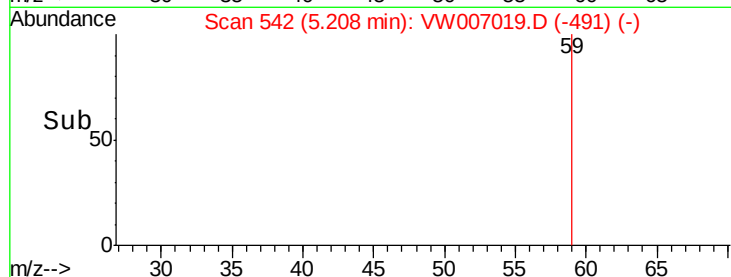
5.21

100

50

0

Time-->



#16

Acetone

Concen: 6.528 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW007019.D

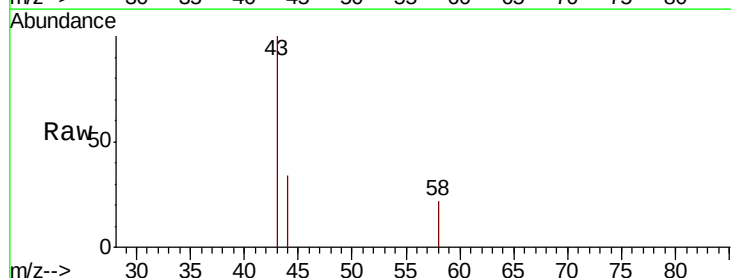
Acq: 22 Nov 2018 01:36

Tgt Ion: 43 Resp: 987

Ion Ratio Lower Upper

43 100

58 22.1 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

400

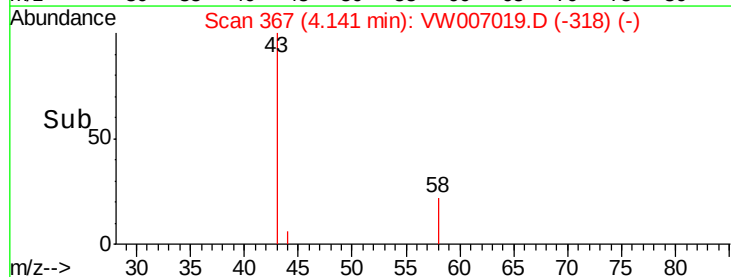
300

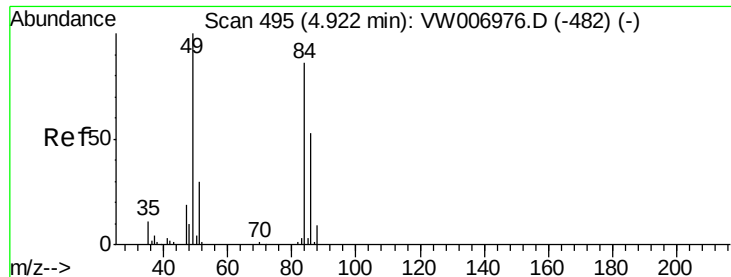
200

100

0

Time-->

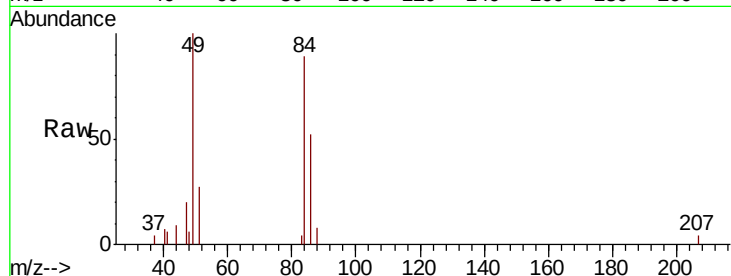




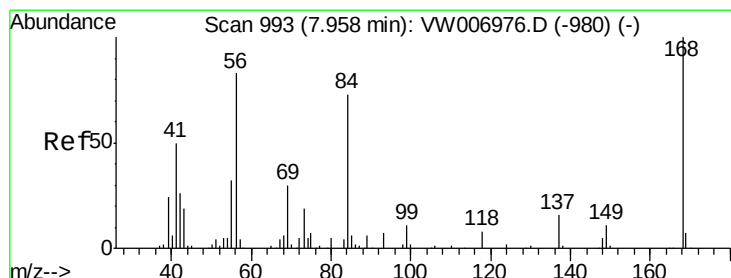
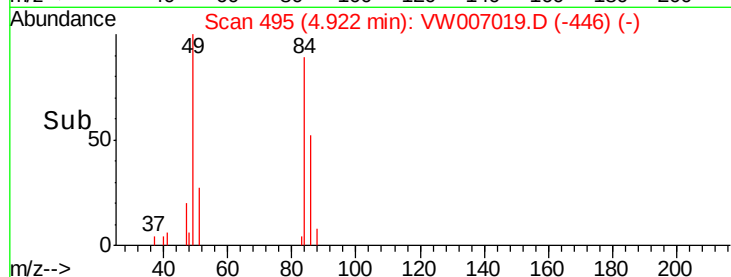
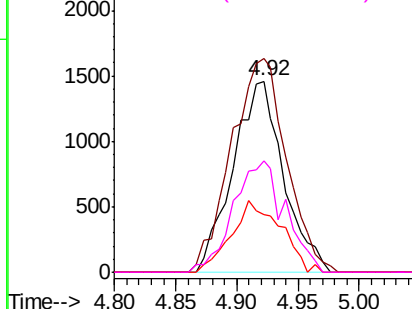
#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007019.D
Acq: 22 Nov 2018 01:36

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	84	Resp:	4179
Ion	Ratio	Lower	Upper
84	100		
49	111.9	93.4	140.0
51	30.2	28.4	42.6
86	58.2	49.8	74.8

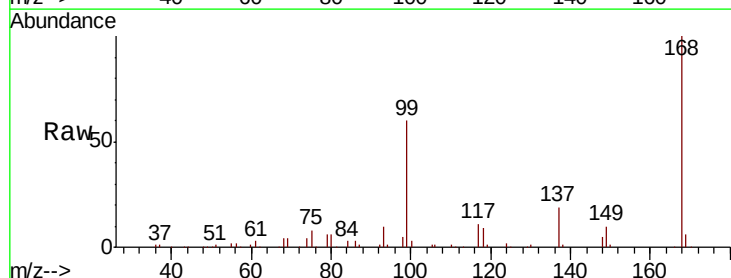


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

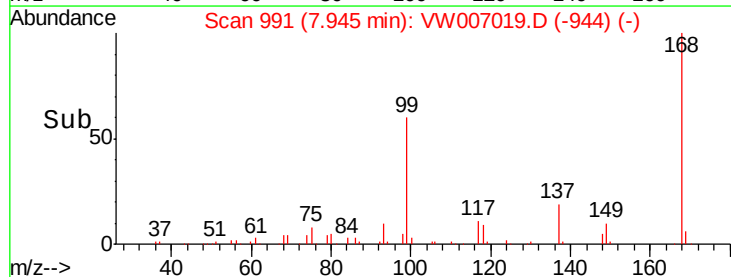
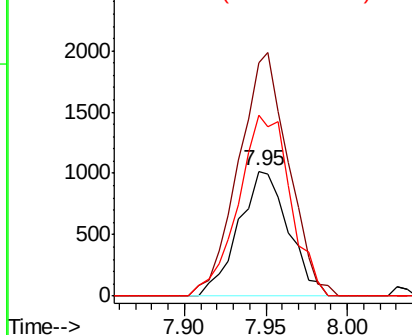


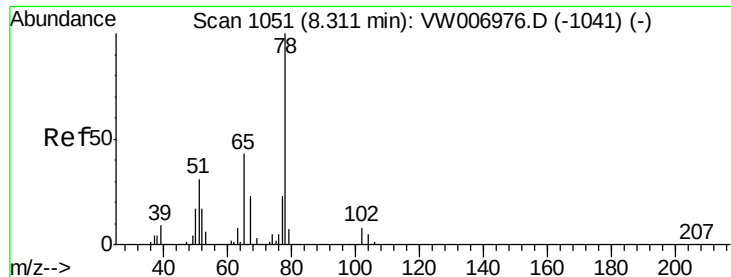
#31
Cyclohexane
Concen: 1.076 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007019.D
Acq: 22 Nov 2018 01:36

Tgt Ion:	56	Resp:	2158
Ion	Ratio	Lower	Upper
56	100		
69	186.8	29.1	43.7#
84	144.9	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

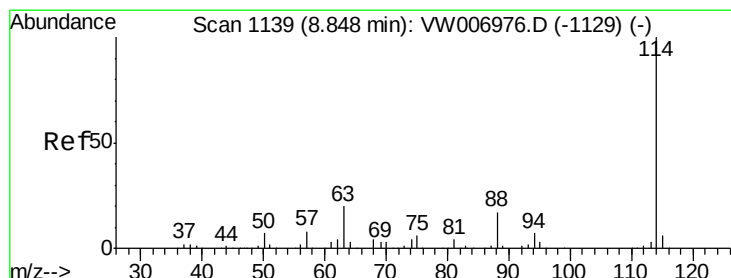
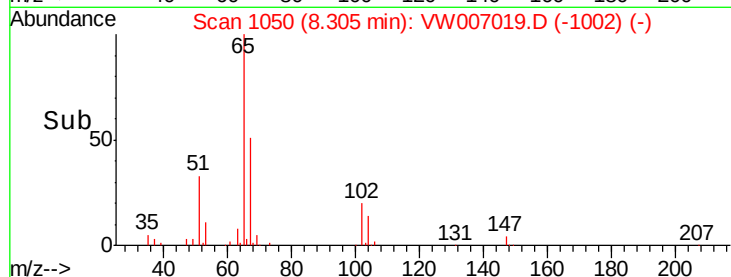
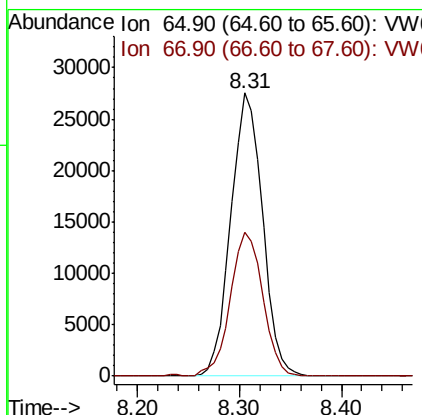
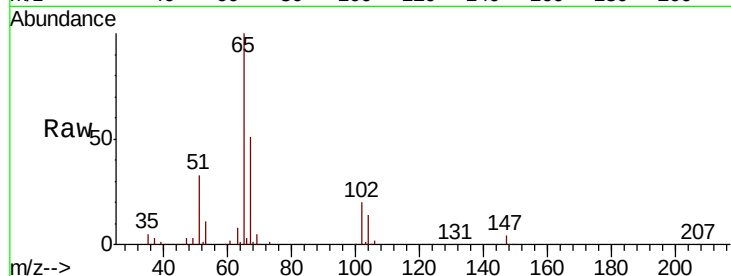




#33
 1,2-Dichloroethane-d4
 Concen: 56.977 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007019.D
 Acq: 22 Nov 2018 01:36

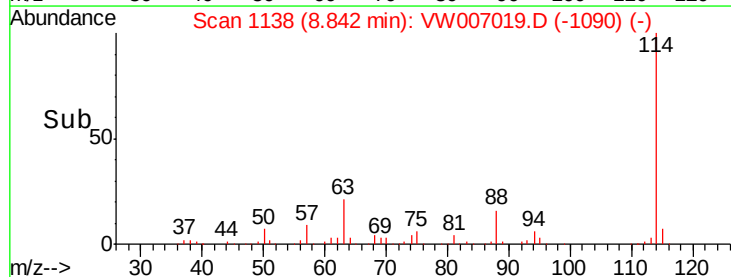
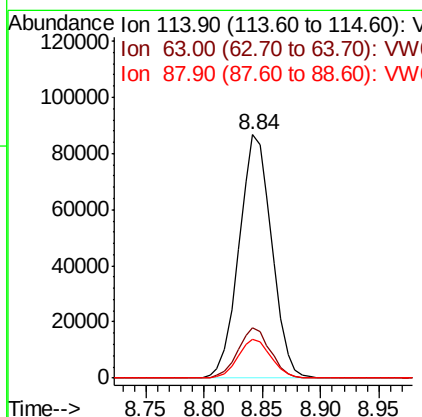
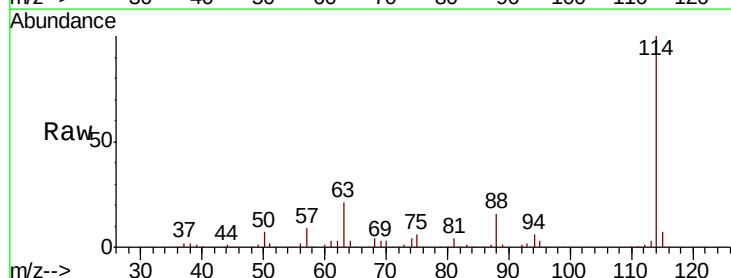
Instrument :
 MSVOA_W
 ClientSampleId :

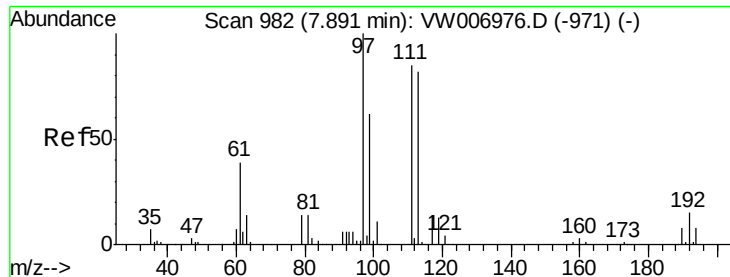
Tot Ion: 65 Resp: 59337
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007019.D
 Acq: 22 Nov 2018 01:36

Tgt Ion: 114 Resp: 169884
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.4
 88 16.0 0.0 34.2





#35

Dibromofluoromethane

Concen: 53.518 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007019.D

Acq: 22 Nov 2018 01:36

Instrument :
MSVOA_W
ClientSampleId :

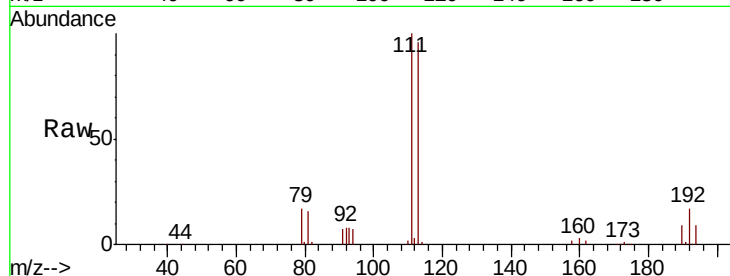
Tot Ion:113 Resp: 51344

Ion Ratio Lower Upper

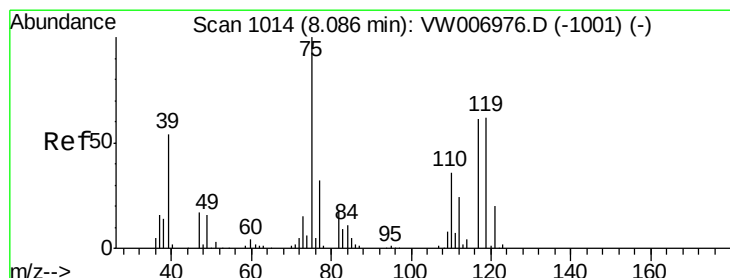
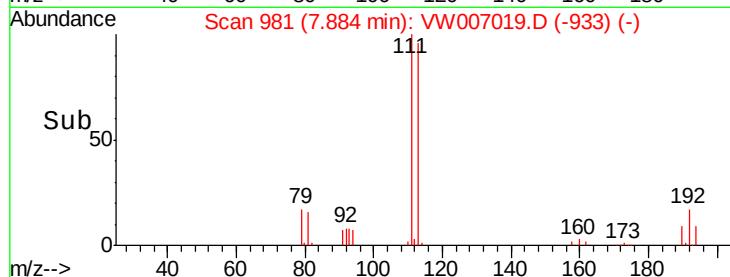
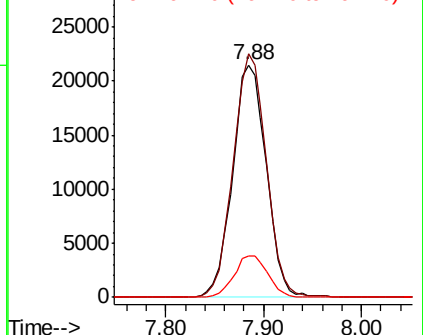
113 100

111 103.3 81.0 121.6

192 17.9 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: 5.080 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW007019.D

Acq: 22 Nov 2018 01:36

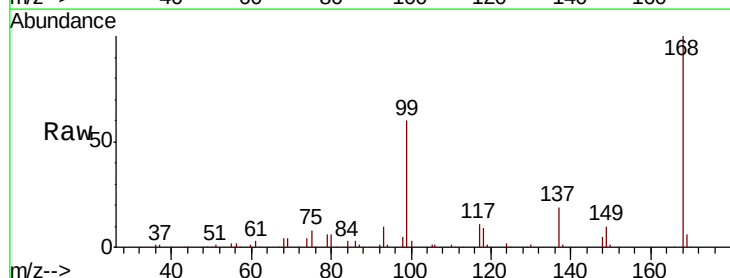
Tgt Ion: 75 Resp: 8433

Ion Ratio Lower Upper

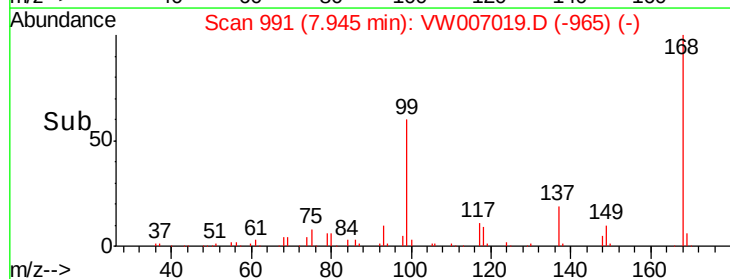
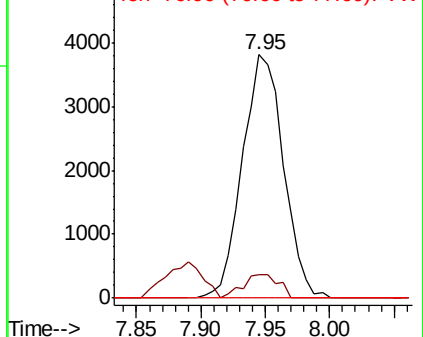
75 100

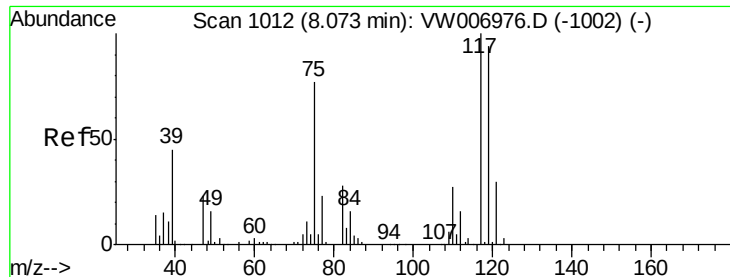
110 8.5 18.0 54.0#

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

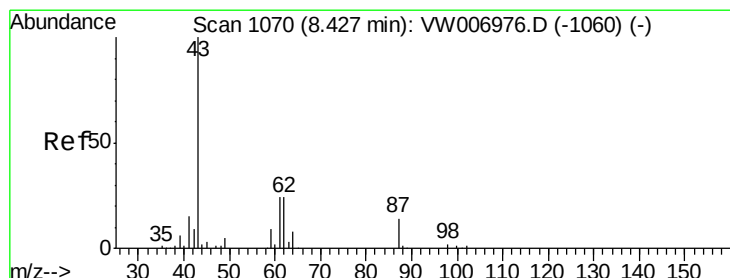
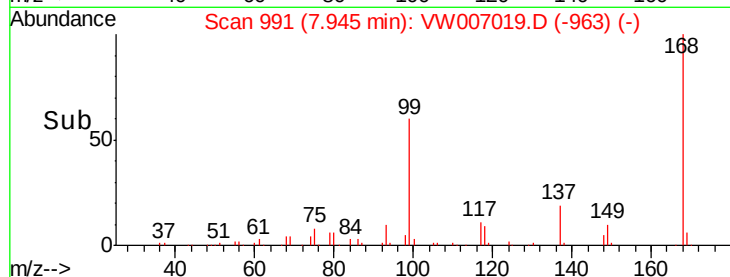
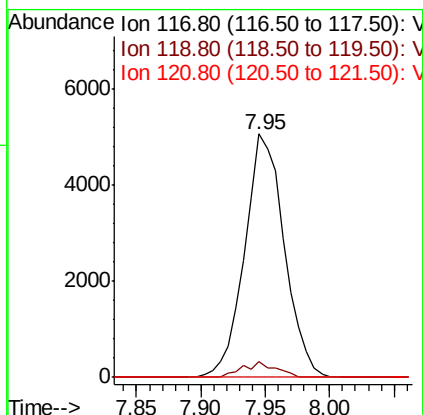
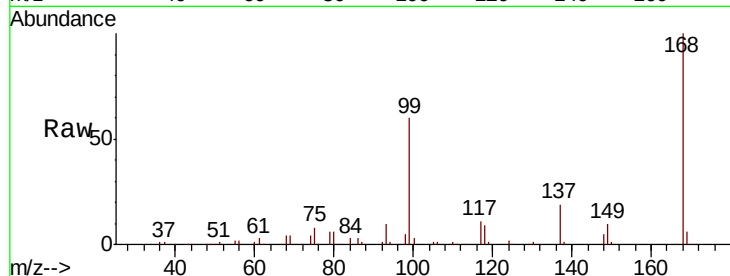




#38
Carbon Tetrachloride
Concen: 6.749 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW007019.D
Acq: 22 Nov 2018 01:36

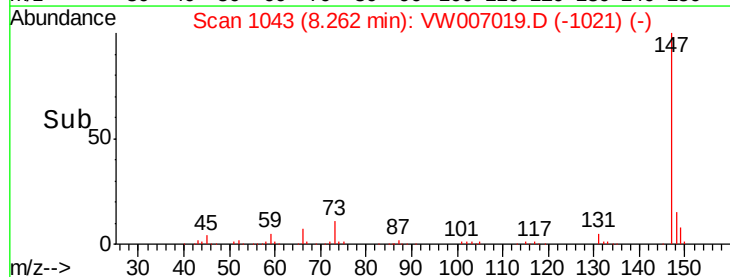
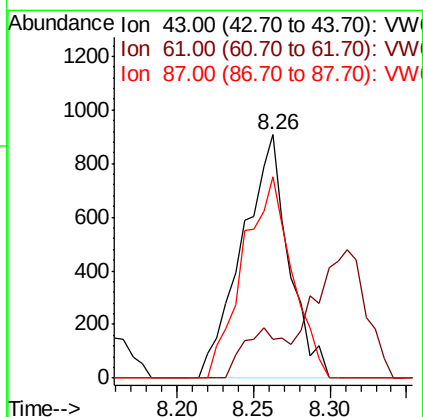
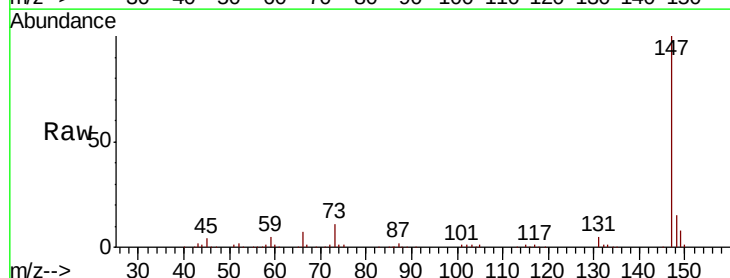
Instrument :
MSVOA_W
ClientSampleId :

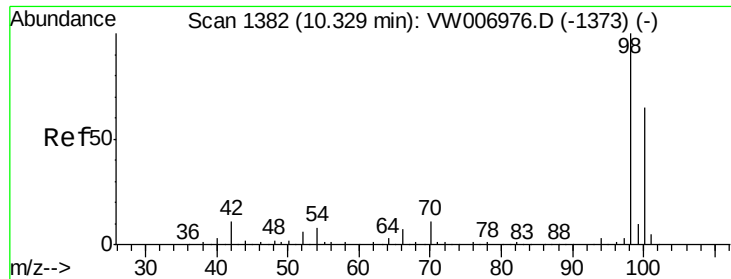
Tot Ion:117 Resp: 10729
Ion Ratio Lower Upper
117 100
119 6.2 74.9 112.3#
121 0.0 23.6 35.4#



#43
Isopropyl Acetate
Concen: 1.676 ug/l
RT: 8.26 min Scan# 1043
Delta R.T. -0.16 min
Lab File: VW007019.D
Acq: 22 Nov 2018 01:36

Tgt Ion: 43 Resp: 1921
Ion Ratio Lower Upper
43 100
61 18.8 26.1 39.1#
87 86.8 11.2 16.8#





#50

Toluene-d8

Concen: 53.458 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007019.D

Acq: 22 Nov 2018 01:36

Instrument :

MSVOA_W

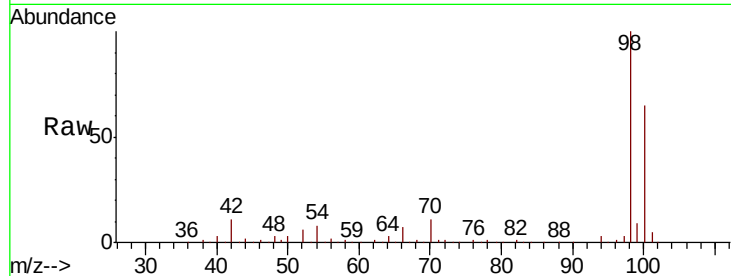
ClientSampleId :

Tot Ion: 98 Resp: 226473

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

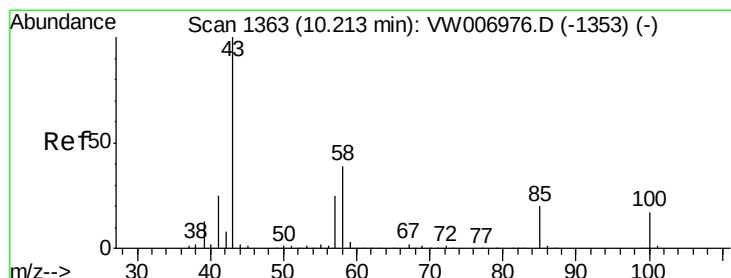
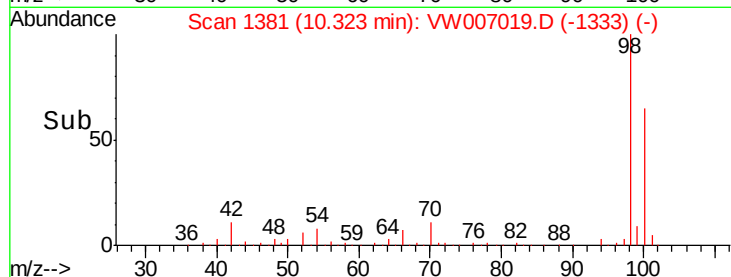
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.101 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW007019.D

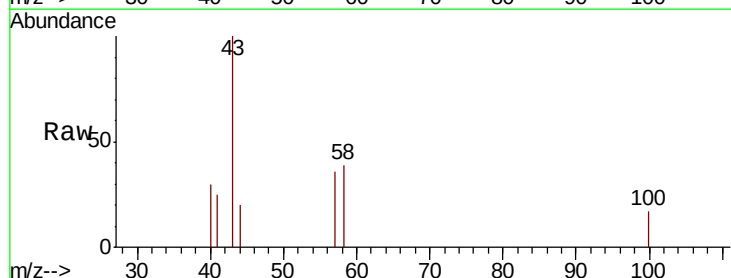
Acq: 22 Nov 2018 01:36

Tgt Ion: 43 Resp: 638

Ion Ratio Lower Upper

43 100

58 47.3 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

600

500

400

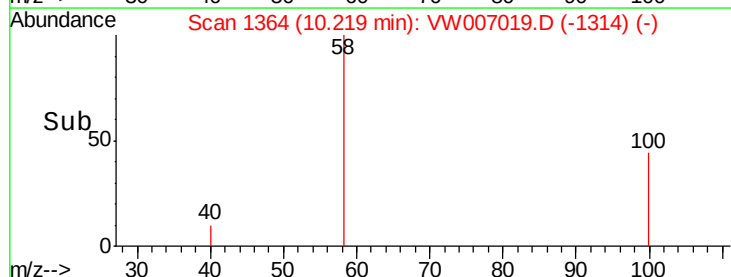
300

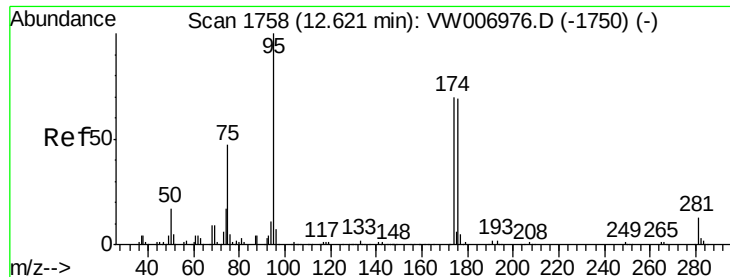
200

100

0

Time-->

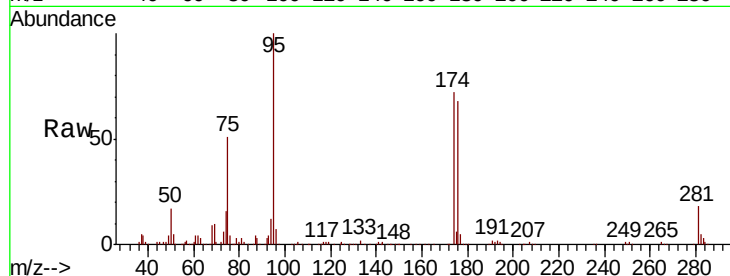




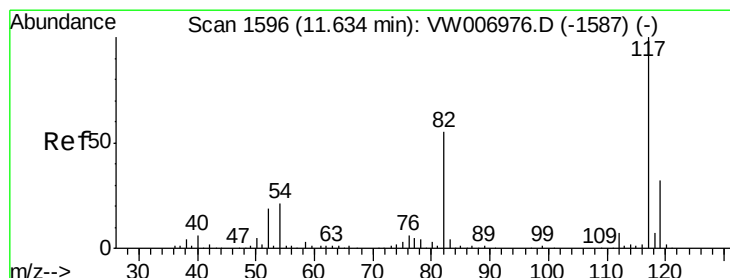
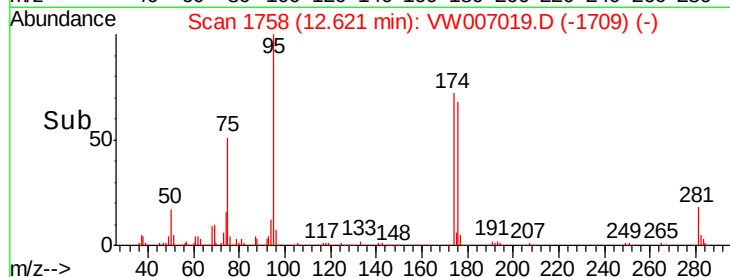
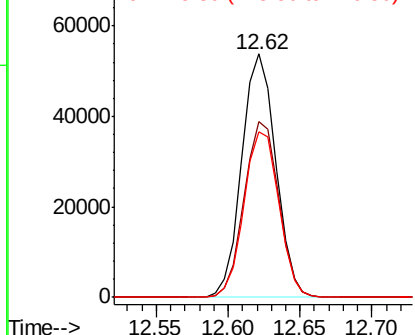
#62
4-Bromofluorobenzene
Concen: 52.758 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007019.D
Acq: 22 Nov 2018 01:36

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 95 Resp: 87954
Ion Ratio Lower Upper
95 100
174 73.3 0.0 143.6
176 69.7 0.0 140.4

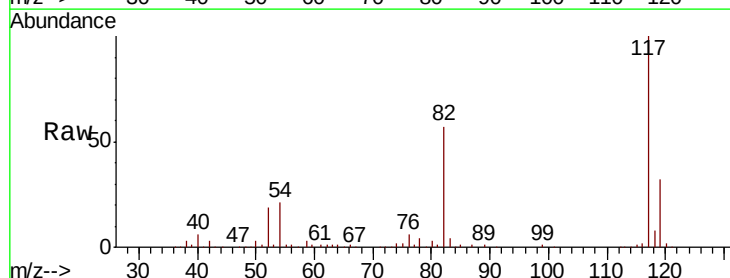


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

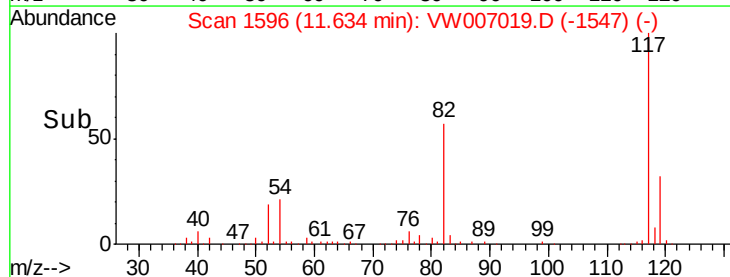
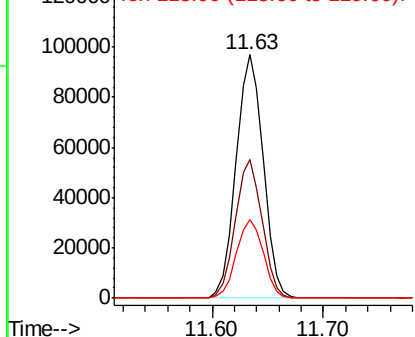


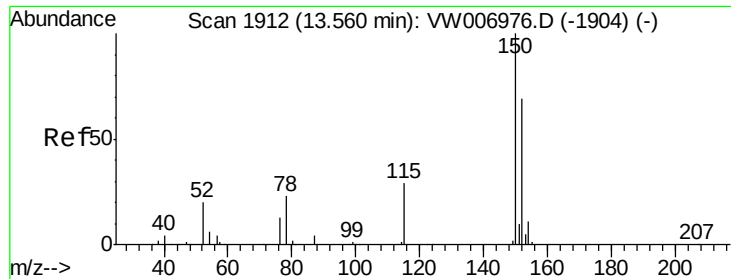
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007019.D
Acq: 22 Nov 2018 01:36

Tgt Ion: 117 Resp: 163251
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 32.1 25.9 38.9



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007019.D

Acq: 22 Nov 2018 01:36

Instrument :

MSVOA_W

ClientSampleId :

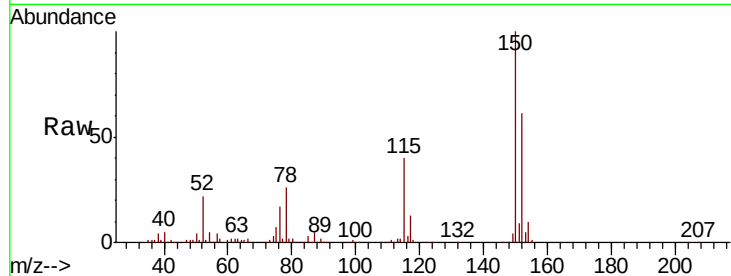
Tot Ion:152 Resp: 78381

Ion Ratio Lower Upper

152 100

115 62.6 31.4 94.2

150 158.3 0.0 353.4

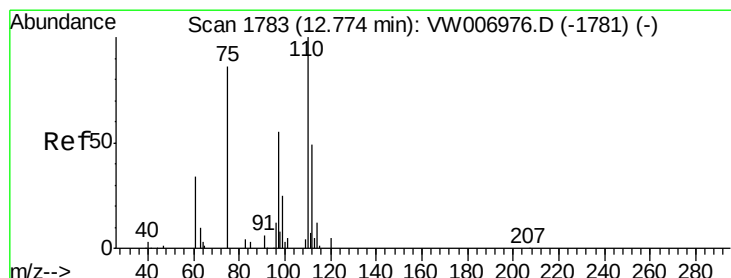
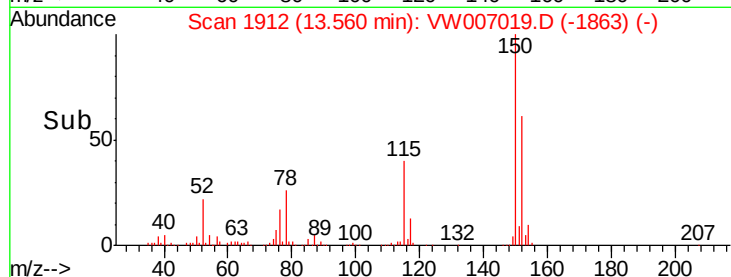
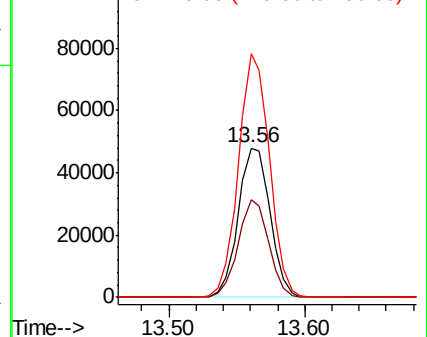


Abundance

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: 71.026 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007019.D

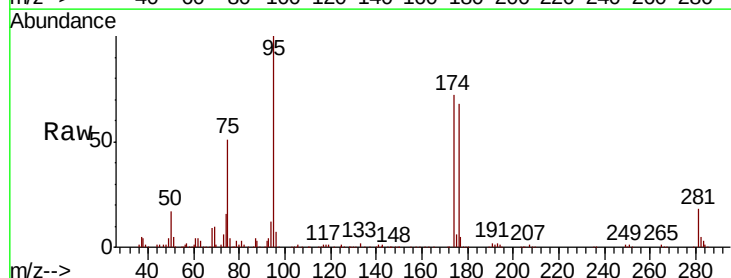
Acq: 22 Nov 2018 01:36

Tgt Ion: 75 Resp: 43746

Ion Ratio Lower Upper

75 100

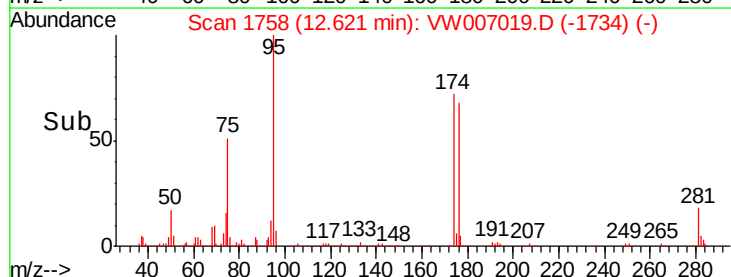
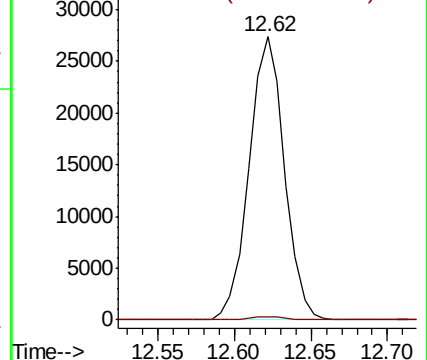
77 1.2 0.0 0.0#

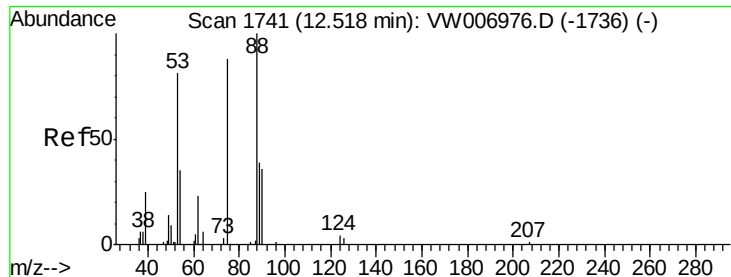


Abundance

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: 178.318 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007019.D

Acq: 22 Nov 2018 01:36

Instrument :

MSVOA_W

ClientSampleId :

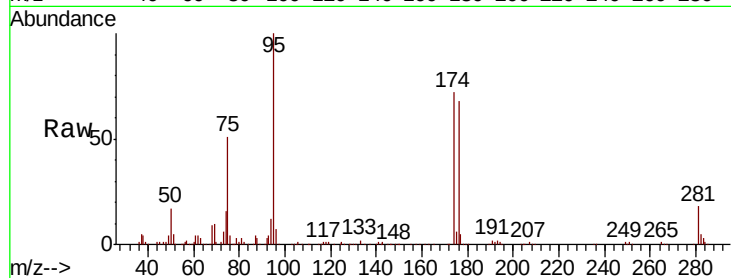
Tot Ion: 75 Resp: 43746

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.2 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

