

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007110.D
 Acq On : 28 Nov 2018 13:51
 Operator : VAY/AP
 Sample : J6080-03
 Misc : 9.19G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RCA-06

Quant Time: Nov 29 04:35:33 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	99890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	158354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	146983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61718	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	58230	59.54	ug/l	0.00
Spiked Amount			Recovery	=	119.08%	
35) Dibromofluoromethane	7.88	113	31594	35.33	ug/l	0.00
Spiked Amount			Recovery	=	70.66%	
50) Toluene-d8	10.33	98	191351	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.62	95	70718	45.51	ug/l	0.00
Spiked Amount			Recovery	=	91.02%	

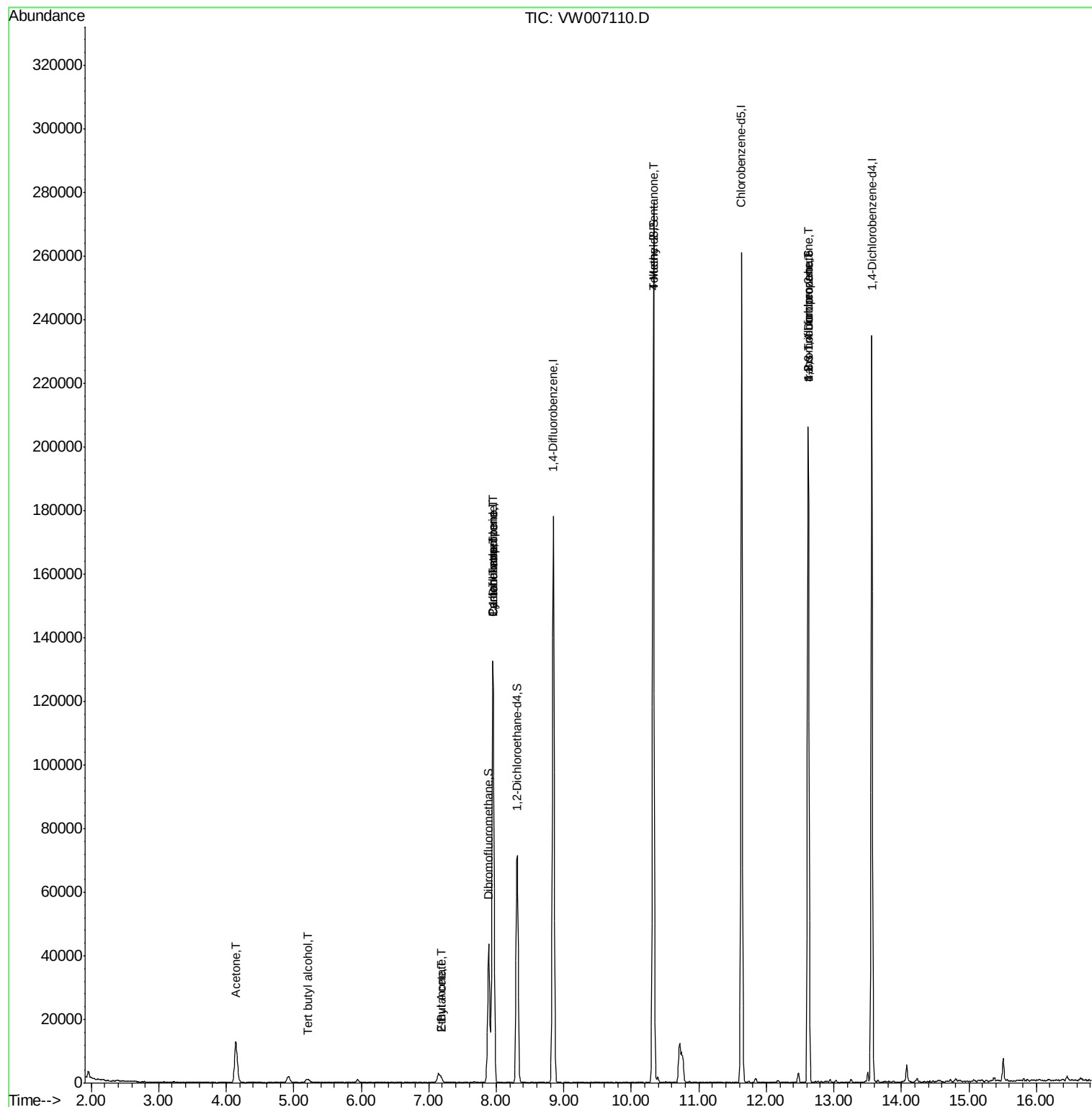
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	1412	22.179	ug/l #	88
16) Acetone	4.14	43	24228	170.636	ug/l	99
20) Methylene Chloride	4.91	84	894	Below Cal	#	85
25) 2-Butanone	7.19	43	2807	11.543	ug/l #	89
31) Cyclohexane	7.95	56	1914	1.016	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	7345	4.747	ug/l #	49
37) Ethyl Acetate	7.19	43	2807	5.006	ug/l #	69
38) Carbon Tetrachloride	7.95	117	10243	6.912	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	831	1.539	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	33901	69.903	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	33901	175.497	ug/l #	10

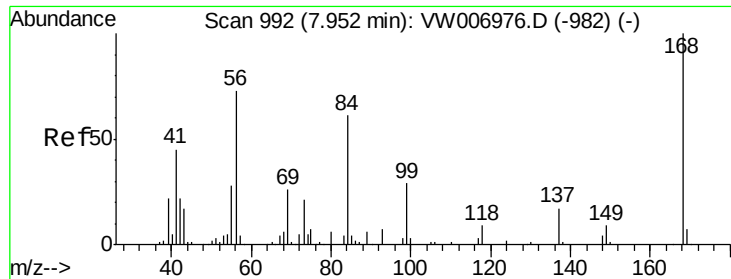
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112818\
Data File : VW007110.D
Acq On : 28 Nov 2018 13:51
Operator : VAY/AP
Sample : J6080-03
Misc : 9.19G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RCA-06

Quant Time: Nov 29 04:35:33 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: VW007110.D

Acq: 28 Nov 2018 13:51

Instrument :

MSVOA_W

ClientSampled :

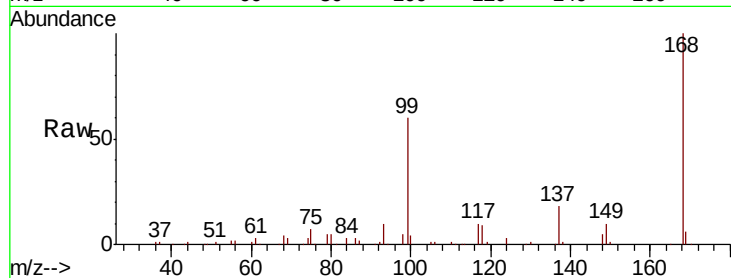
RCA-06

Tot Ion:168 Resp: 99890

Ion Ratio Lower Upper

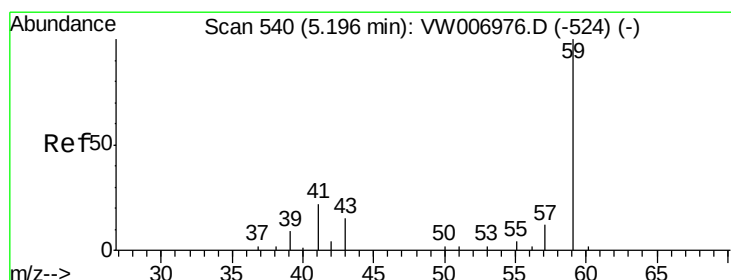
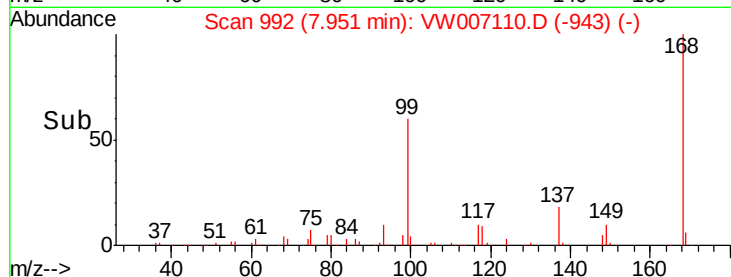
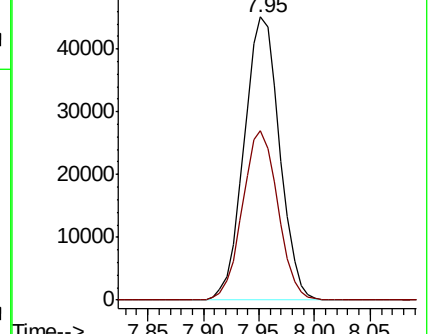
168 100

99 59.9 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: 22.179 ug/l

RT: 5.20 min Scan# 540

Delta R.T. -0.00 min

Lab File: VW007110.D

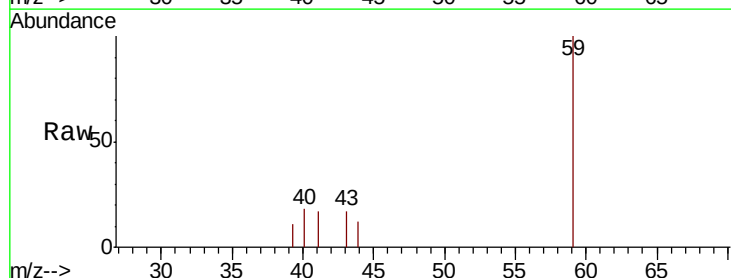
Acq: 28 Nov 2018 13:51

Tgt Ion: 59 Resp: 1412

Ion Ratio Lower Upper

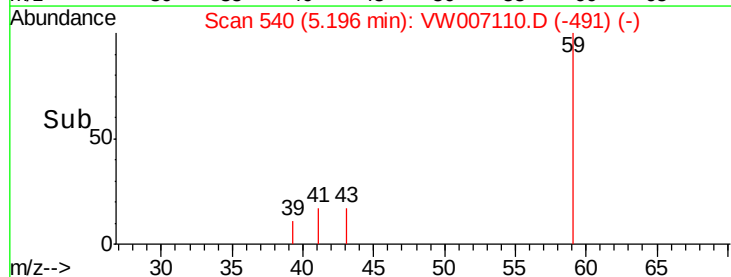
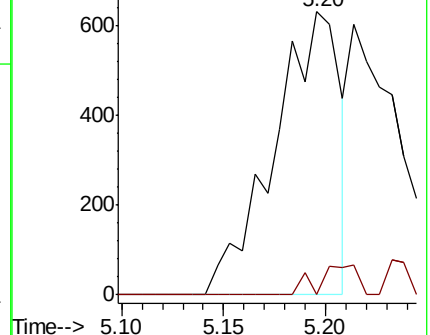
59 100

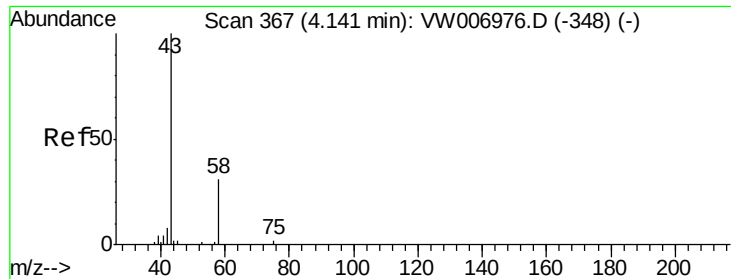
57 6.3 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

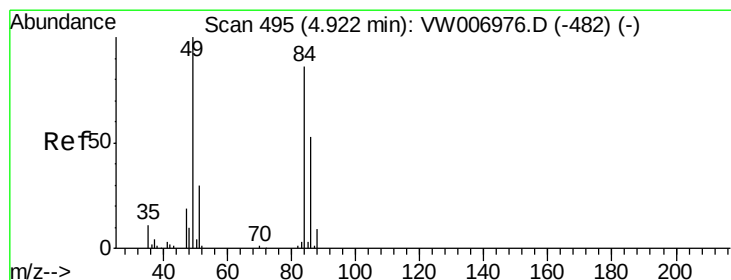
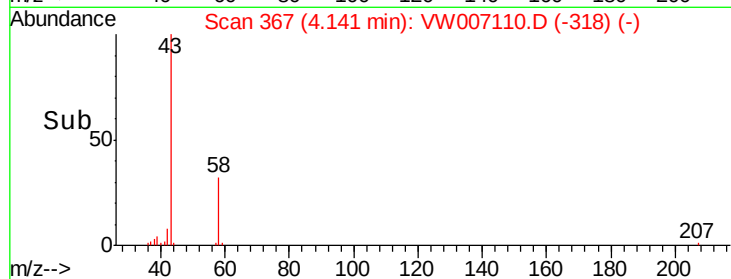
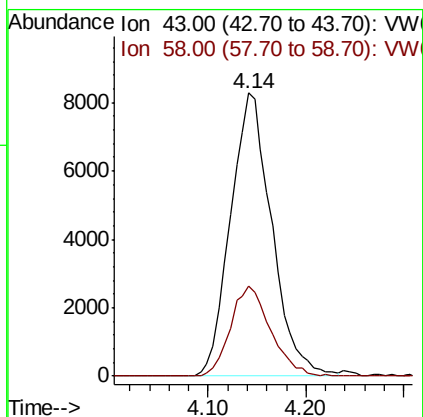
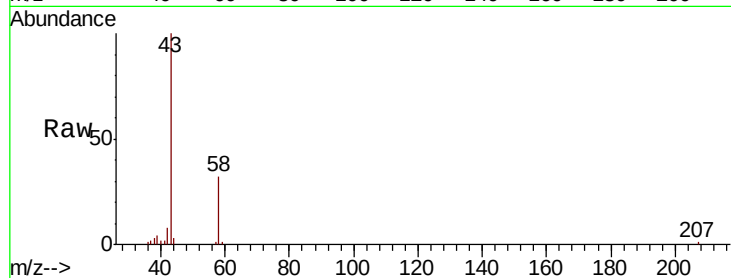




#16
Acetone
Concen: 170.636 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.00 min
Lab File: VW007110.D
Acq: 28 Nov 2018 13:51

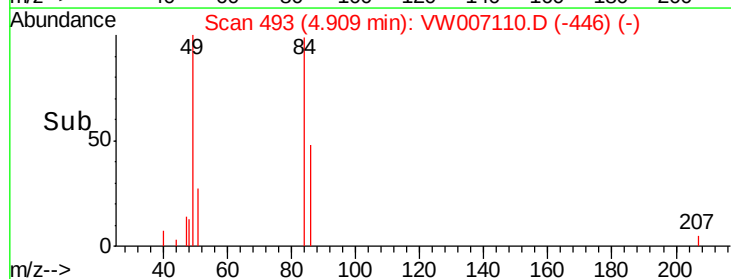
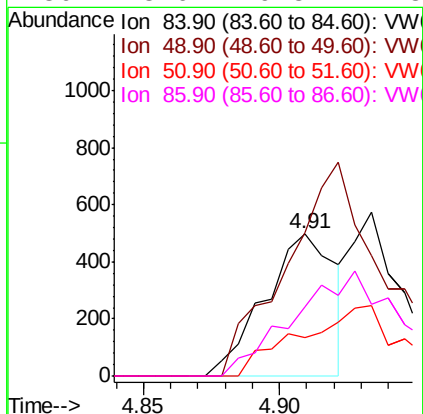
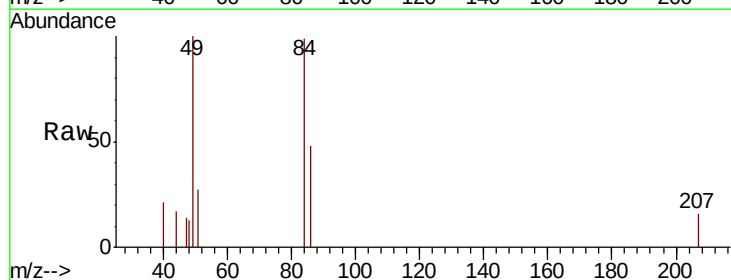
Instrument :
MSVOA_W
ClientSampleId :
RCA-06

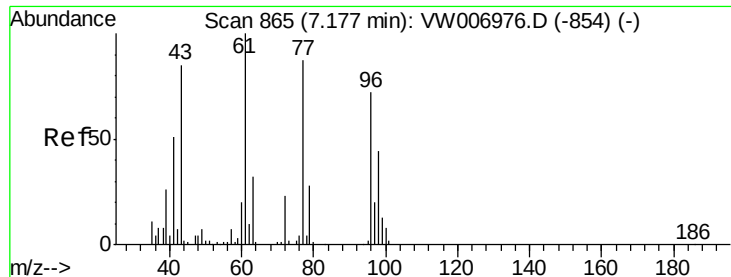
Tot Ion: 43 Resp: 24228
Ion Ratio Lower Upper
43 100
58 31.8 24.8 37.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW007110.D
Acq: 28 Nov 2018 13:51

Tgt Ion: 84 Resp: 894
Ion Ratio Lower Upper
84 100
49 101.0 93.4 140.0
51 27.5 28.4 42.6#
86 48.6 49.8 74.8#





#25

2-Butanone

Concen: 11.543 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW007110.D

Acq: 28 Nov 2018 13:51

Instrument :

MSVOA_W

ClientSampled :

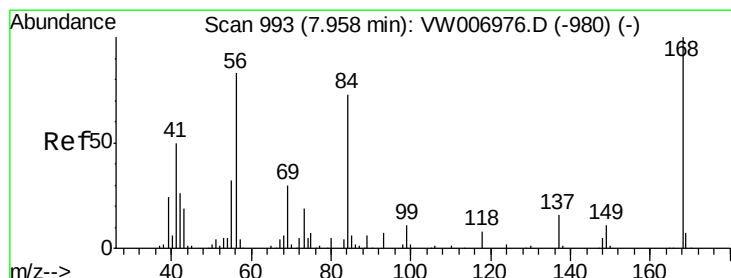
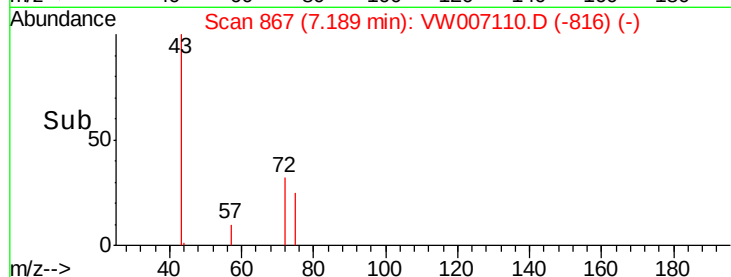
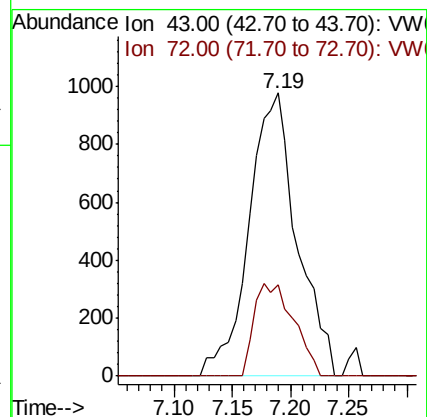
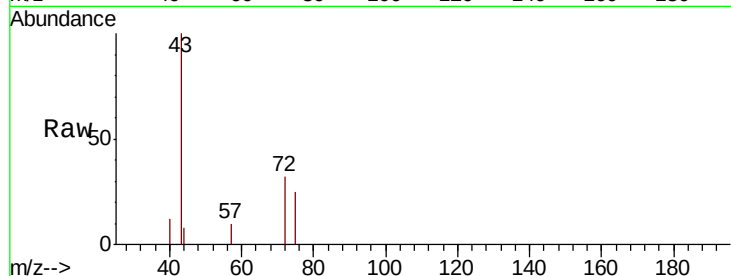
RCA-06

Tot Ion: 43 Resp: 2807

Ion Ratio Lower Upper

43 100

72 32.4 21.3 31.9#



#31

Cyclohexane

Concen: 1.016 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007110.D

Acq: 28 Nov 2018 13:51

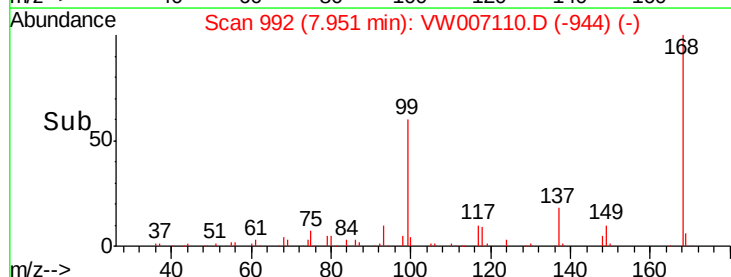
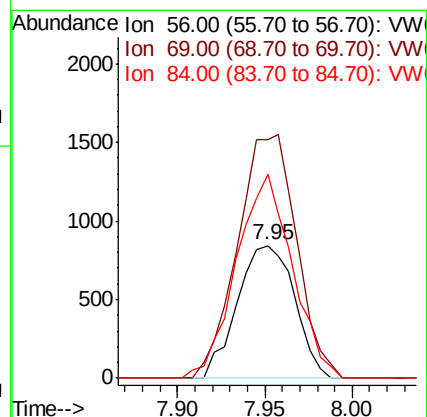
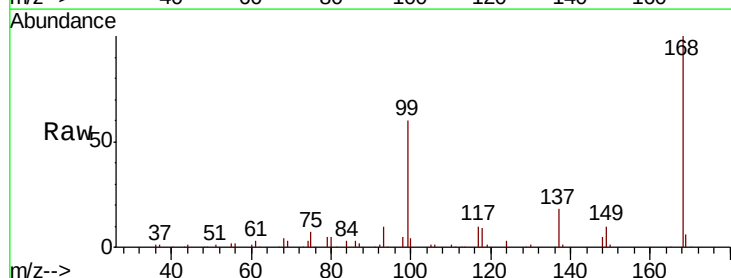
Tgt Ion: 56 Resp: 1914

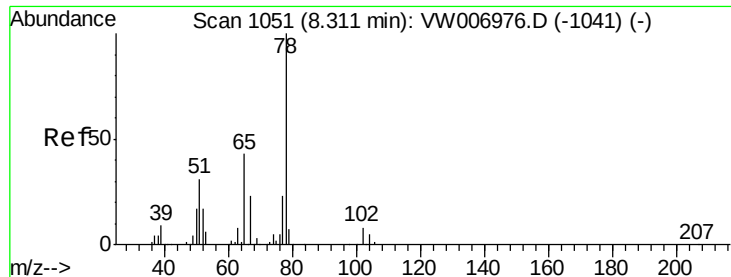
Ion Ratio Lower Upper

56 100

69 180.5 29.1 43.7#

84 153.8 70.6 105.8#

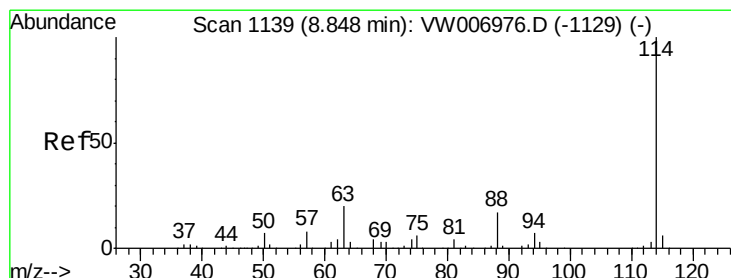
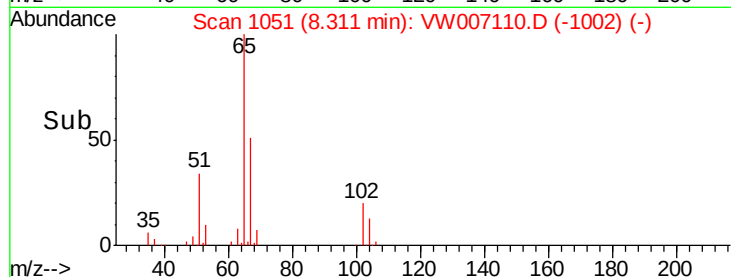
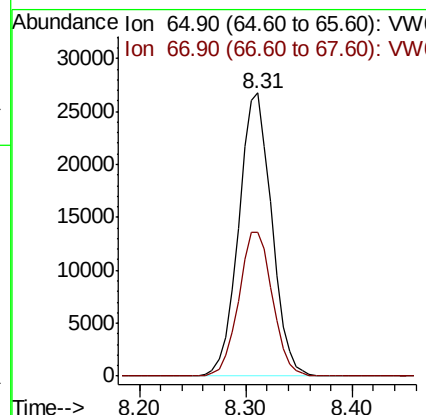
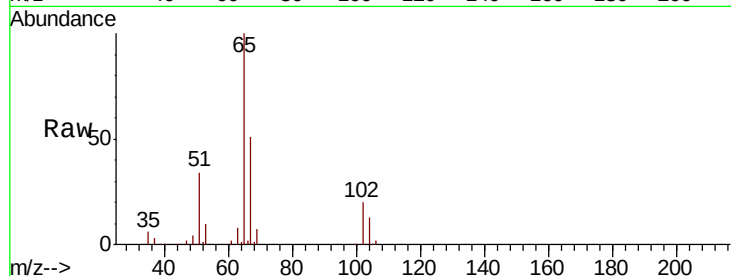




#33
 1,2-Dichloroethane-d4
 Concen: 59.543 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007110.D
 Acq: 28 Nov 2018 13:51

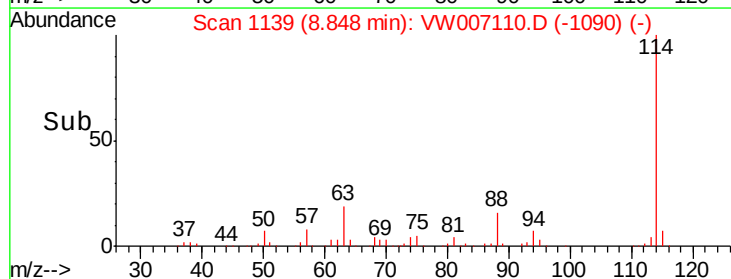
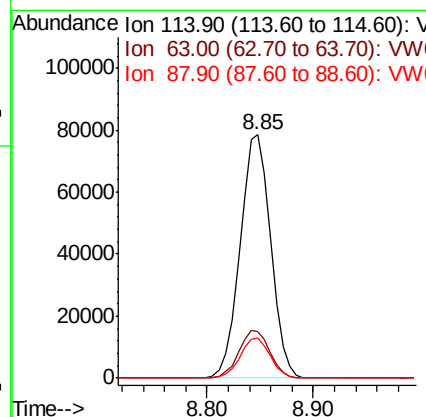
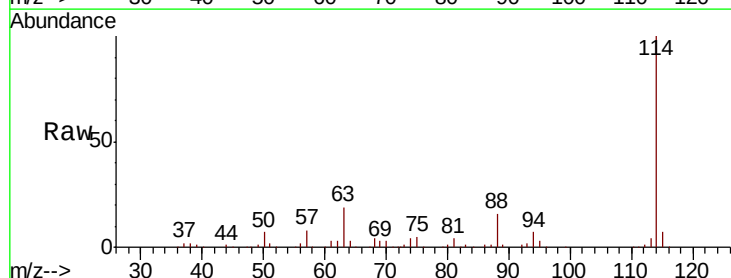
Instrument :
 MSVOA_W
 ClientSampleId :
 RCA-06

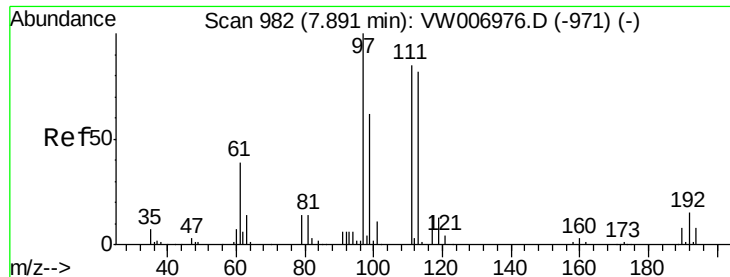
Tot Ion: 65 Resp: 58230
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007110.D
 Acq: 28 Nov 2018 13:51

Tgt Ion: 114 Resp: 158354
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.4
 88 16.3 0.0 34.2

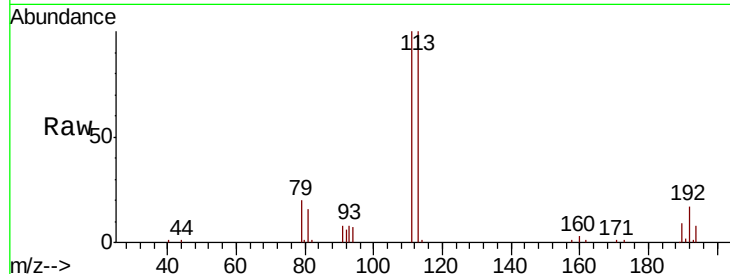




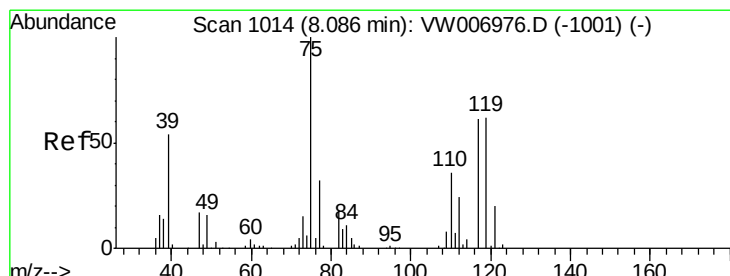
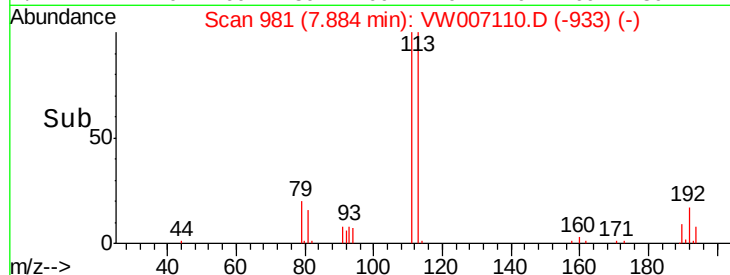
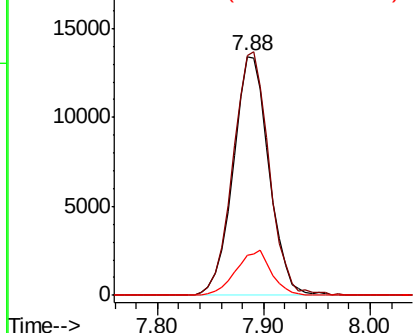
#35
 Dibromofluoromethane
 Concen: 35.330 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007110.D
 Acq: 28 Nov 2018 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 RCA-06

Tot Ion:113 Resp: 31594
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.0 121.6
 192 18.5 15.0 22.6

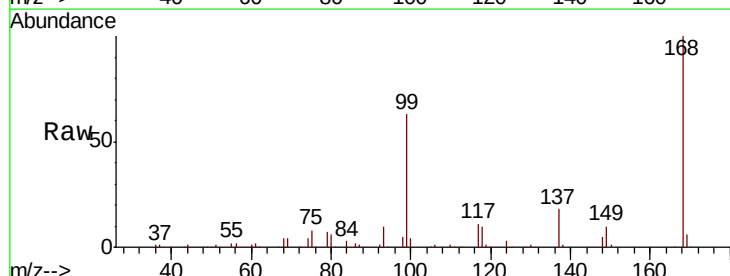


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

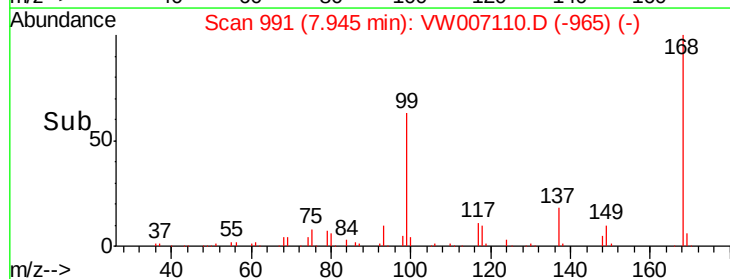
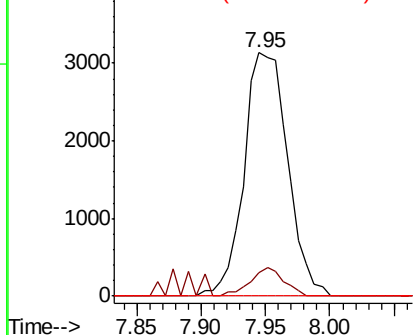


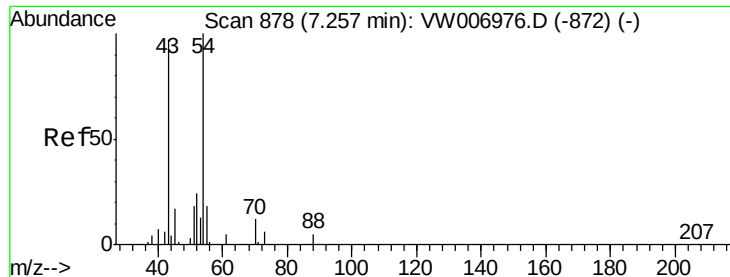
#36
 1,1-Dichloropropene
 Concen: 4.747 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW007110.D
 Acq: 28 Nov 2018 13:51

Tgt Ion: 75 Resp: 7345
 Ion Ratio Lower Upper
 75 100
 110 9.0 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

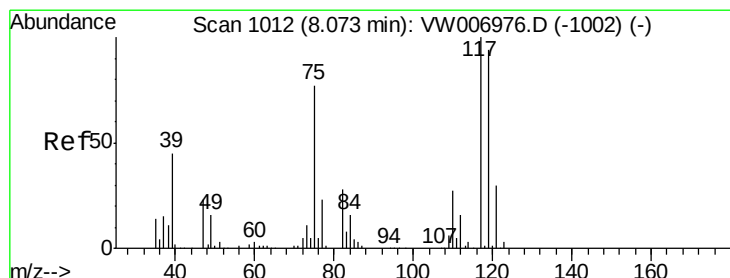
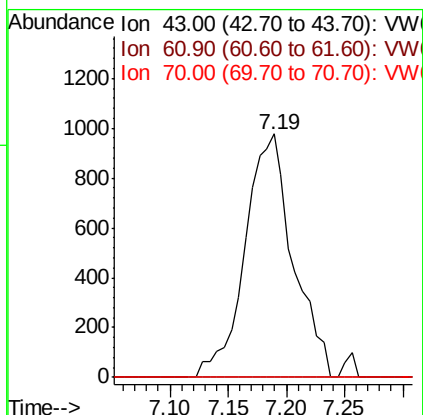
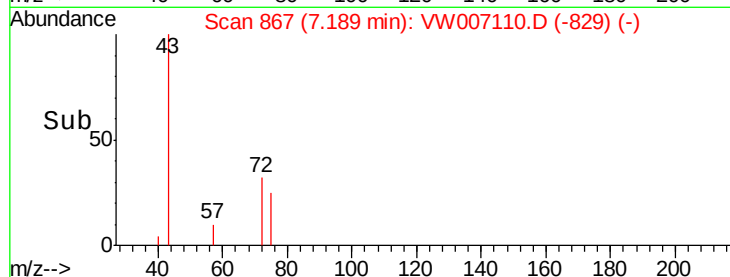
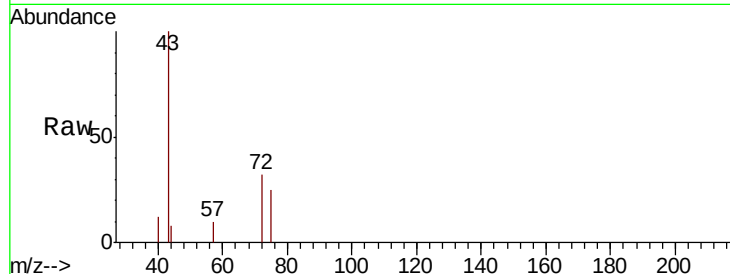




#37
Ethyl Acetate
Concen: 5.006 ug/l
RT: 7.19 min Scan# 867
Delta R.T. -0.07 min
Lab File: VW007110.D
Acq: 28 Nov 2018 13:51

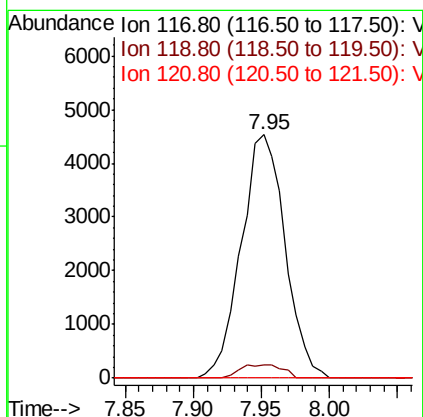
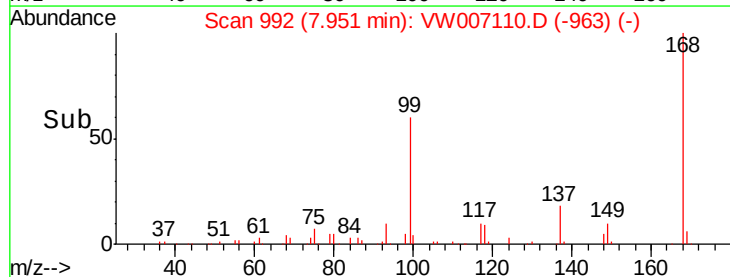
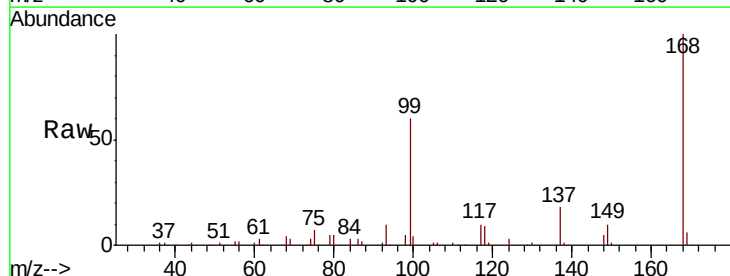
Instrument :
MSVOA_W
ClientSampled :
RCA-06

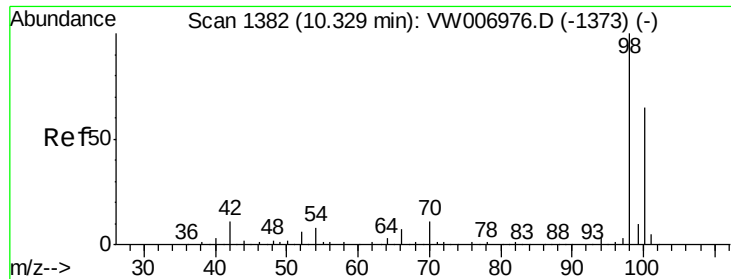
Tot Ion: 43 Resp: 2807
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 6.912 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007110.D
Acq: 28 Nov 2018 13:51

Tgt Ion: 117 Resp: 10243
Ion Ratio Lower Upper
117 100
119 5.4 74.9 112.3#
121 0.0 23.6 35.4#





#50

Toluene-d8

Concen: 48.456 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007110.D

Acq: 28 Nov 2018 13:51

Instrument :

MSVOA_W

ClientSampleId :

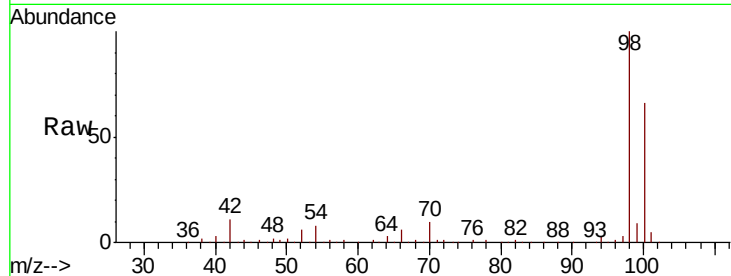
RCA-06

Tot Ion: 98 Resp: 191351

Ion Ratio Lower Upper

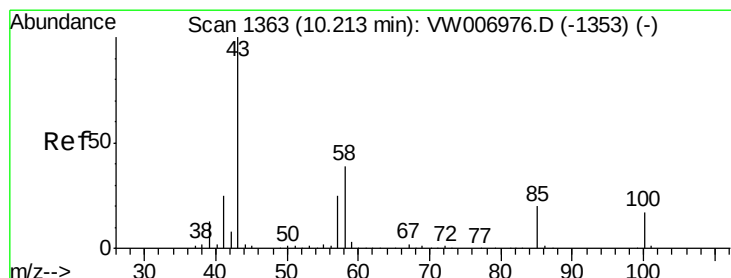
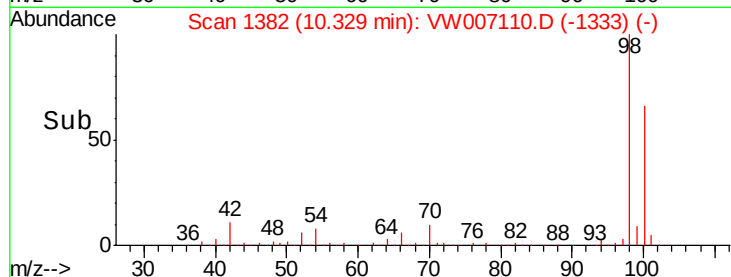
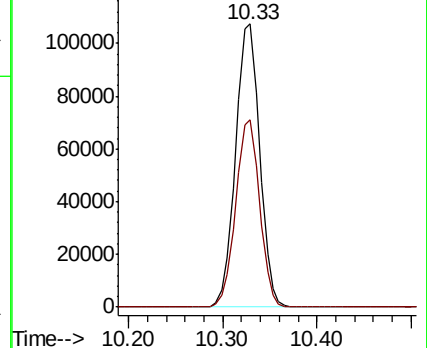
98 100

100 65.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.539 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.10 min

Lab File: VW007110.D

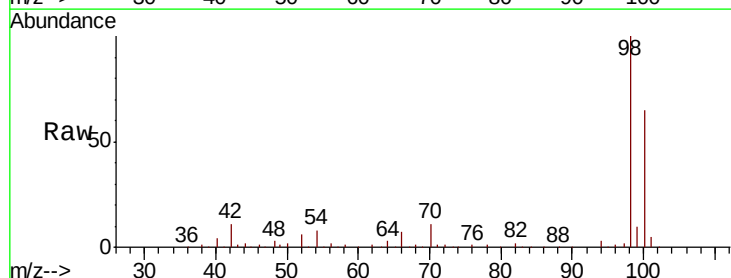
Acq: 28 Nov 2018 13:51

Tgt Ion: 43 Resp: 831

Ion Ratio Lower Upper

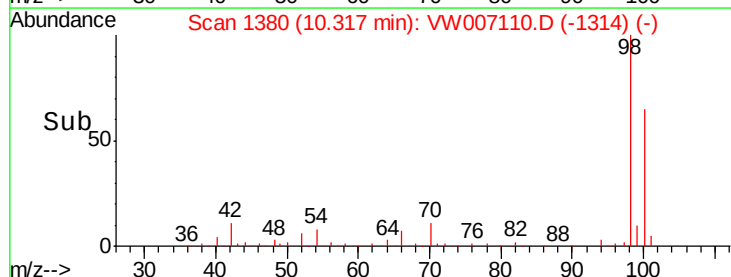
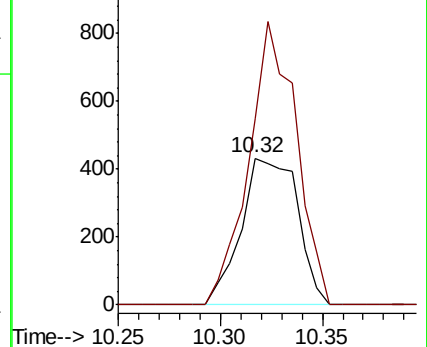
43 100

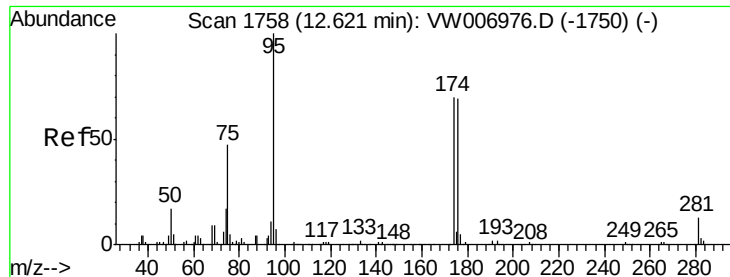
58 163.1 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

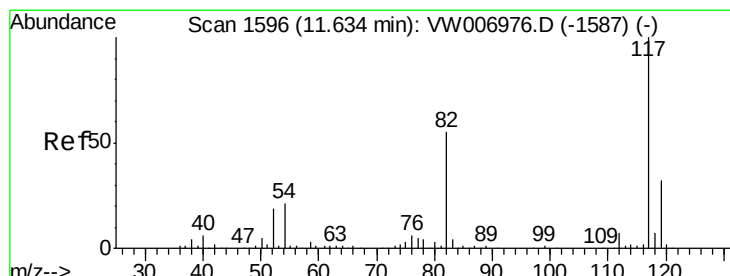
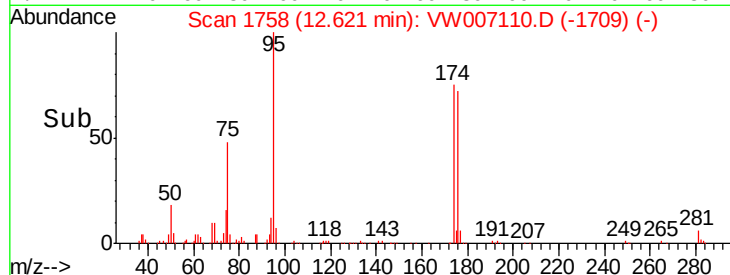
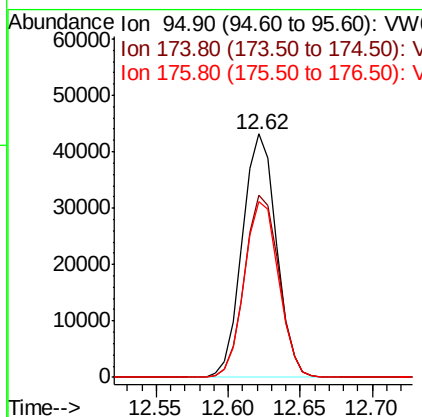
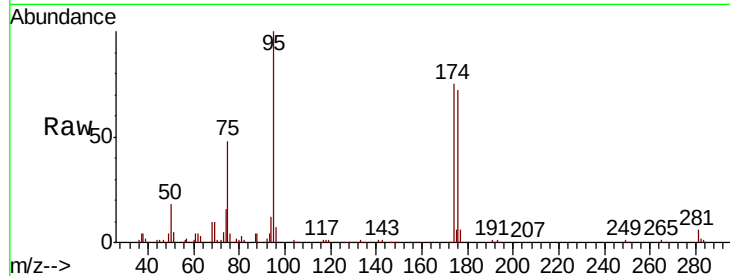




#62
4-Bromofluorobenzene
Concen: 45.508 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007110.D
Acq: 28 Nov 2018 13:51

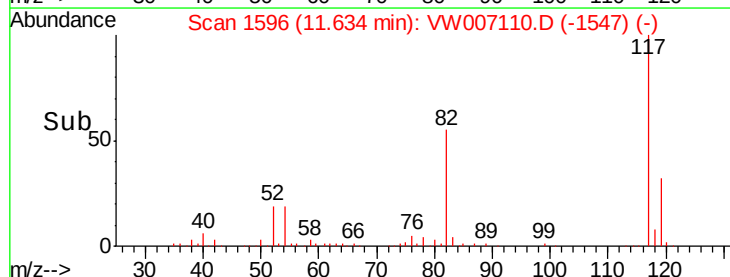
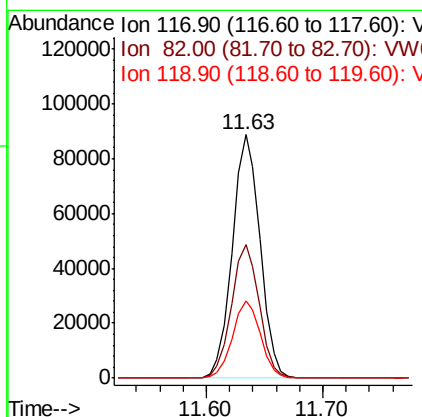
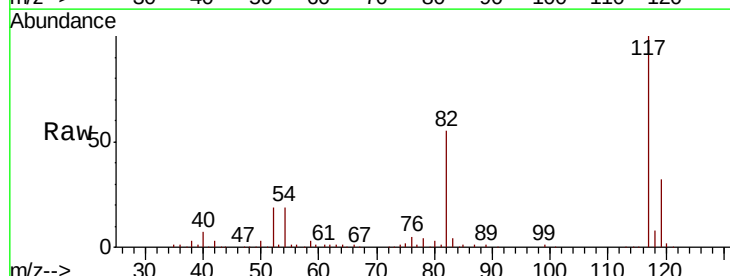
Instrument :
MSVOA_W
ClientSampleId :
RCA-06

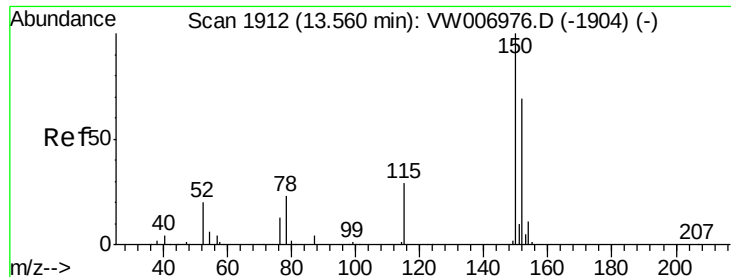
Tot Ion: 95 Resp: 70718
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.6
176 72.8 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007110.D
Acq: 28 Nov 2018 13:51

Tgt Ion: 117 Resp: 146983
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 31.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007110.D

Acq: 28 Nov 2018 13:51

Instrument :

MSVOA_W

ClientSampleId :

RCA-06

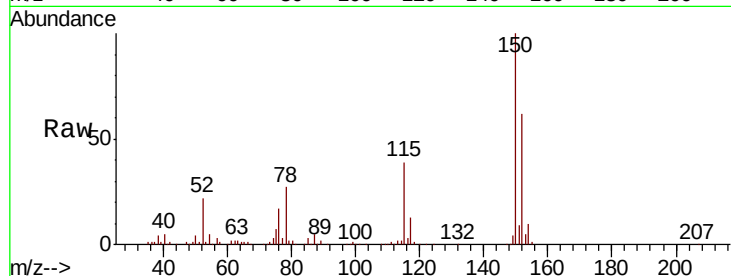
Tot Ion:152 Resp: 61718

Ion Ratio Lower Upper

152 100

115 62.7 31.4 94.2

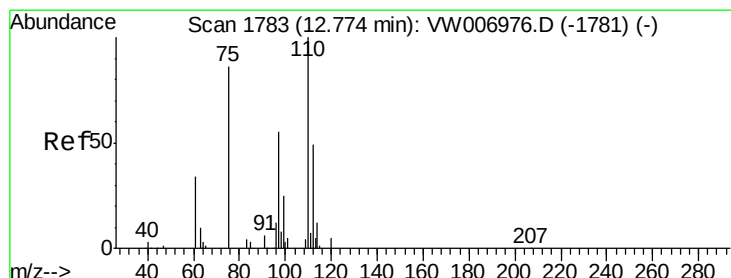
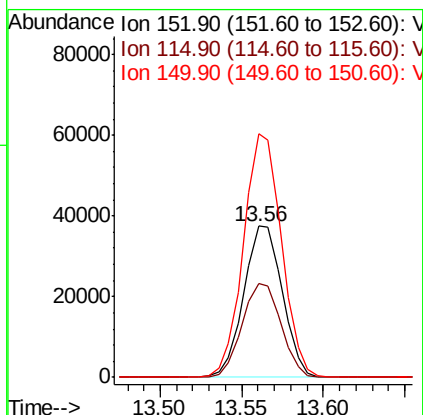
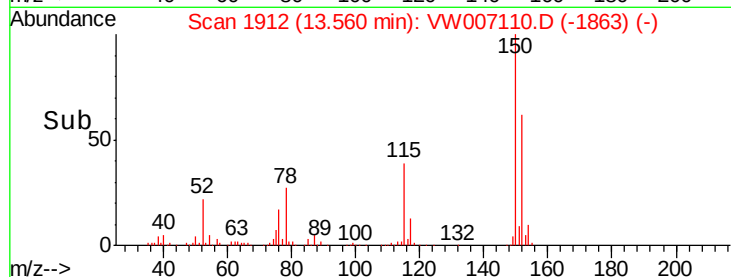
150 158.9 0.0 353.4



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: 69.903 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007110.D

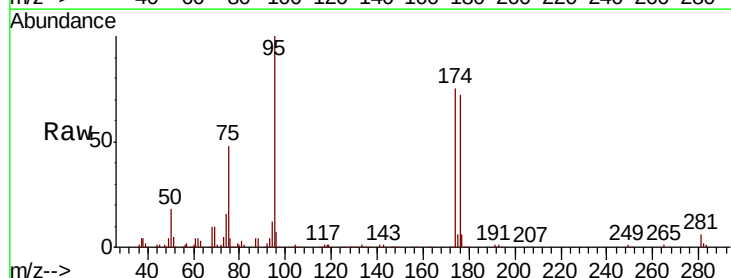
Acq: 28 Nov 2018 13:51

Tgt Ion: 75 Resp: 33901

Ion Ratio Lower Upper

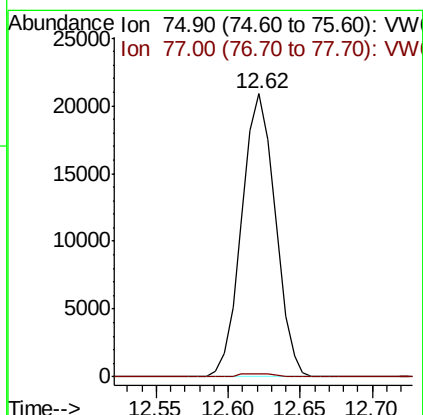
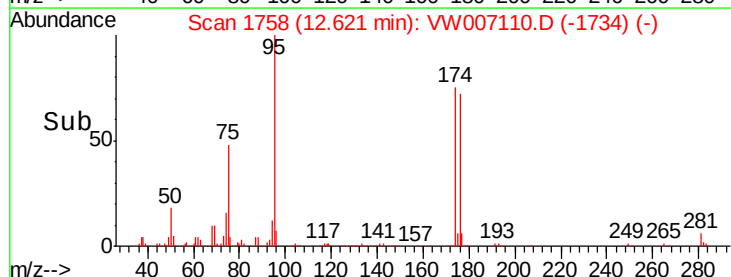
75 100

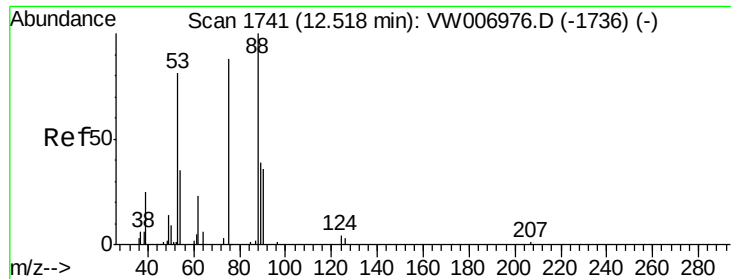
77 1.2 0.0 0.0#



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: 175.497 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007110.D

Acq: 28 Nov 2018 13:51

Instrument :

MSVOA_W

ClientSampleId :

RCA-06

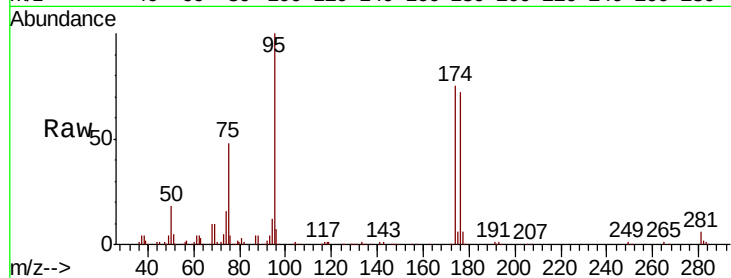
Tot Ion: 75 Resp: 33901

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 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

