

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
 Data File : VW006602.D
 Acq On : 02 Nov 2018 15:30
 Operator : SY/AP
 Sample : VW1103SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBL01

Quant Time: Nov 03 00:25:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	255648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	362440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175306	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	108027	49.16	ug/l	0.00
Spiked Amount	50.000			Recovery	=	98.32%	
35) Dibromofluoromethane		7.88	113	112495	49.46	ug/l	0.00
Spiked Amount	50.000			Recovery	=	98.92%	
50) Toluene-d8		10.33	98	433379	50.05	ug/l	0.00
Spiked Amount	50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene		12.62	95	146771	46.75	ug/l	0.00
Spiked Amount	50.000			Recovery	=	93.50%	

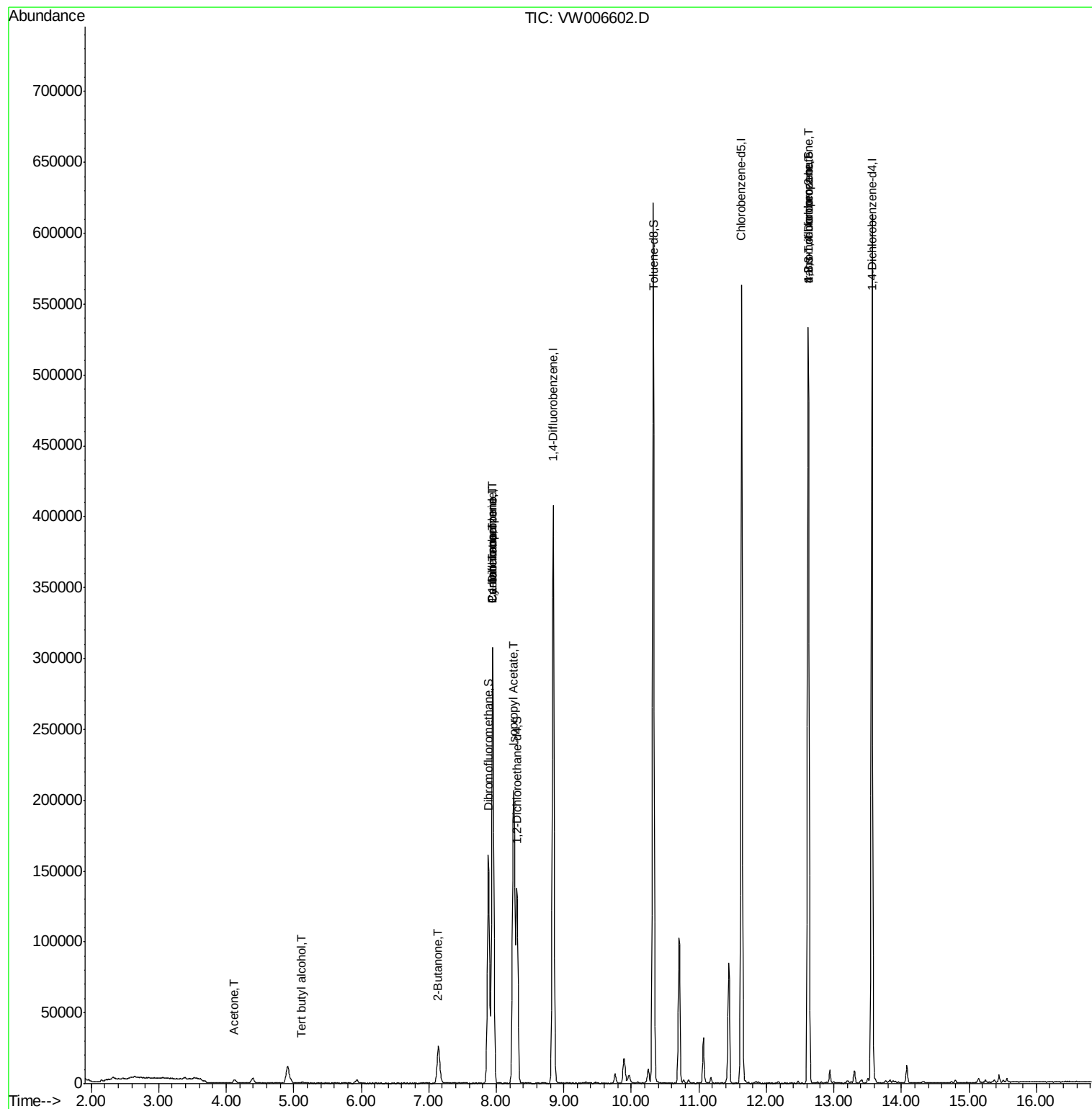
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	445	3.758	ug/l #	84
16) Acetone	4.12	43	4831	13.616	ug/l	98
20) Methylene Chloride	4.90	84	10942	Below Cal		97
25) 2-Butanone	7.14	43	1566	3.093	ug/l #	46
31) Cyclohexane	7.94	56	4454	1.272	ug/l #	29
36) 1,1-Dichloropropene	7.95	75	16289	5.111	ug/l #	49
38) Carbon Tetrachloride	7.95	117	22508	6.758	ug/l #	16
43) Isopropyl Acetate	8.26	43	4256	1.931	ug/l #	23
76) 1,2,3-Trichloropropane	12.62	75	72463	52.978	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72463	132.558	ug/l #	11

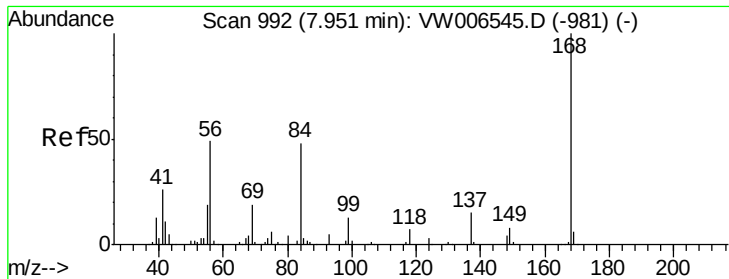
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
Data File : VW006602.D
Acq On : 02 Nov 2018 15:30
Operator : SY/AP
Sample : VW1103SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Nov 03 00:25:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 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: VW006602.D

Acq: 02 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

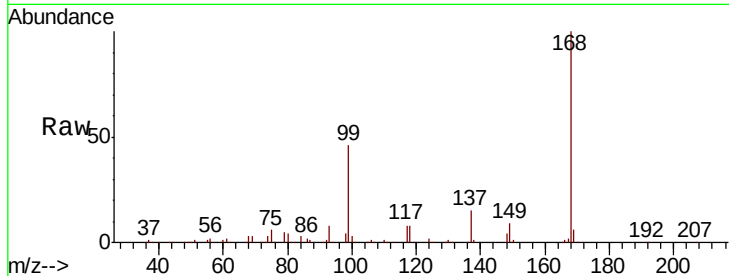
VW1104SBL01

Tgt Ion:168 Resp: 255648

Ion Ratio Lower Upper

168 100

99 45.9 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

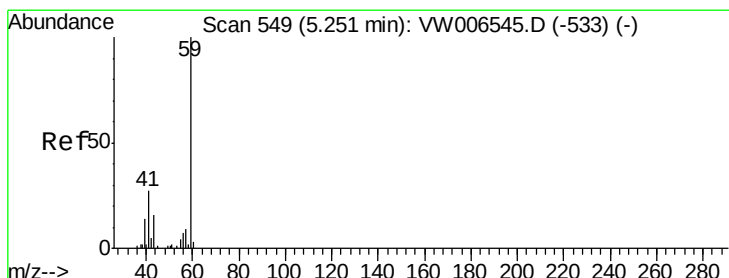
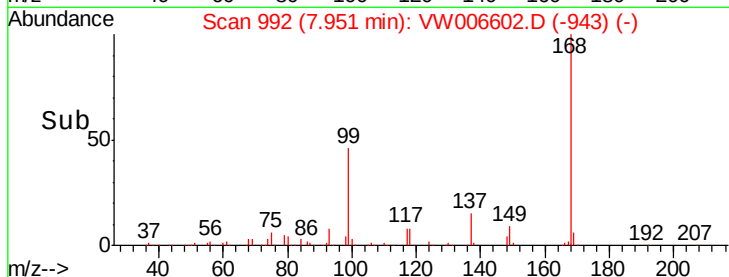
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.758 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.13 min

Lab File: VW006602.D

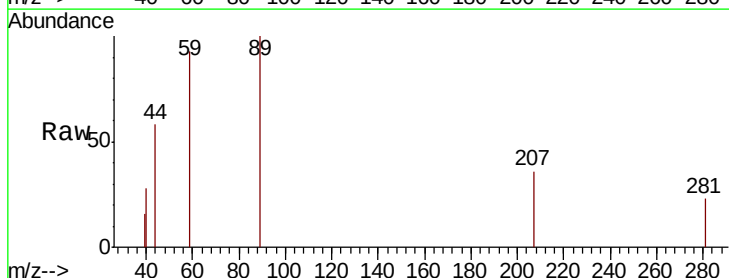
Acq: 02 Nov 2018 15:30

Tgt Ion: 59 Resp: 445

Ion Ratio Lower Upper

59 100

57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

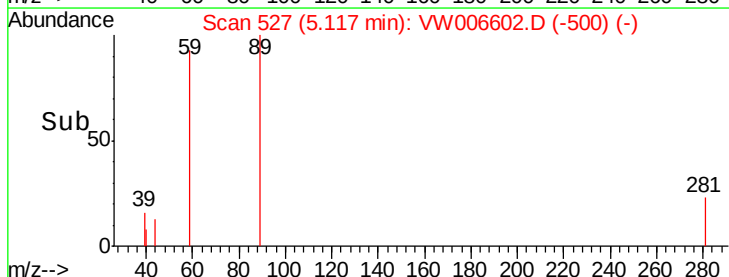
300

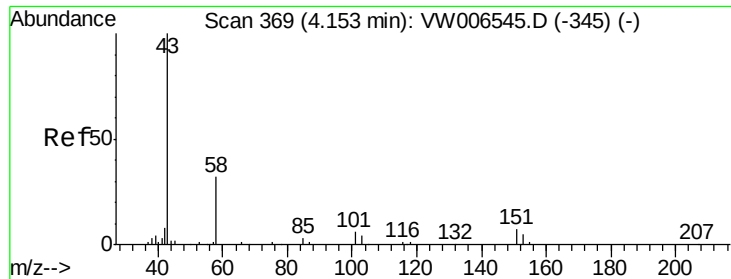
200

100

0

Time-->





#16

Acetone

Concen: 13.616 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.04 min

Lab File: VW006602.D

Acq: 02 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

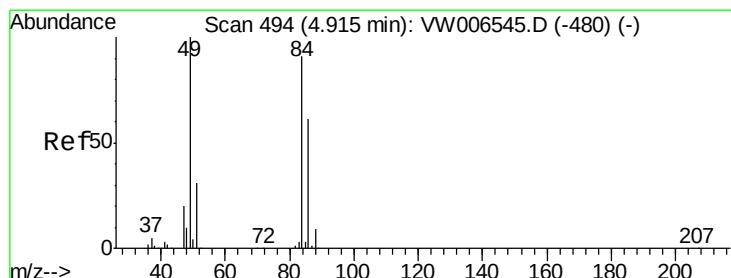
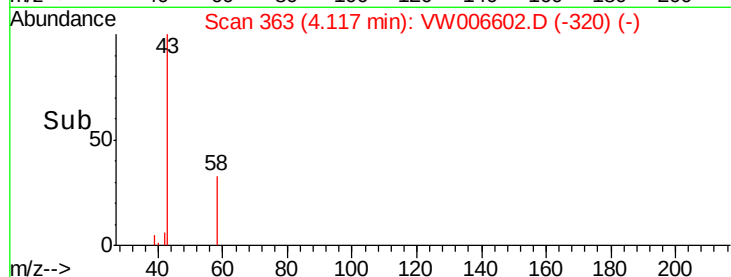
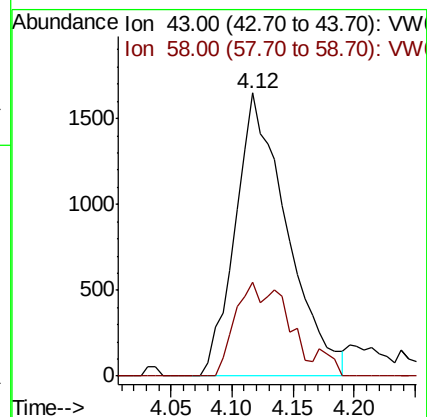
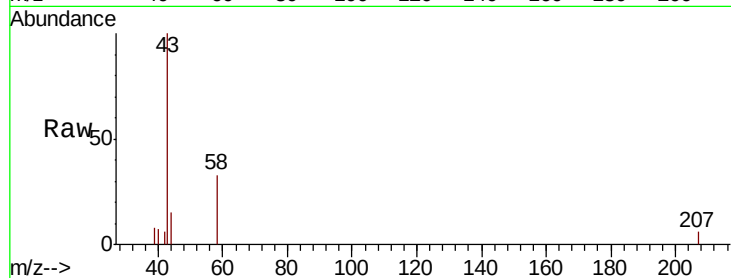
VW1104SBL01

Tgt Ion: 43 Resp: 4831

Ion Ratio Lower Upper

43 100

58 33.4 25.8 38.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW006602.D

Acq: 02 Nov 2018 15:30

Tgt Ion: 84 Resp: 10942

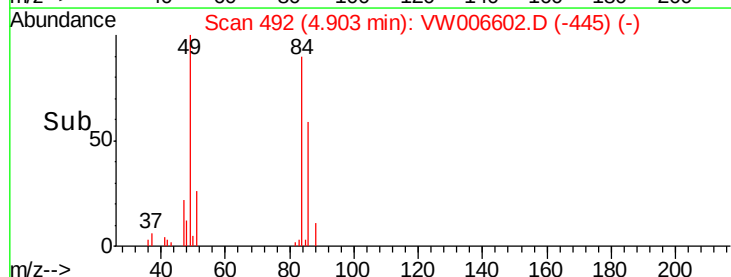
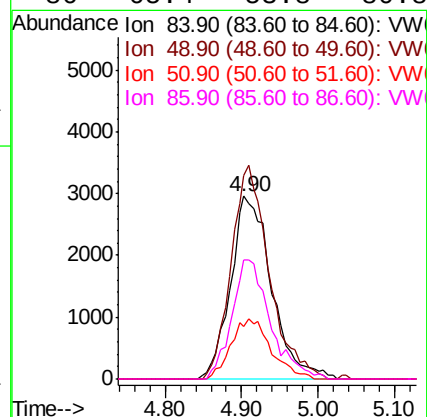
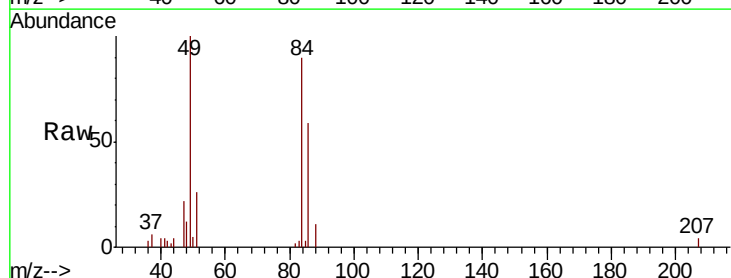
Ion Ratio Lower Upper

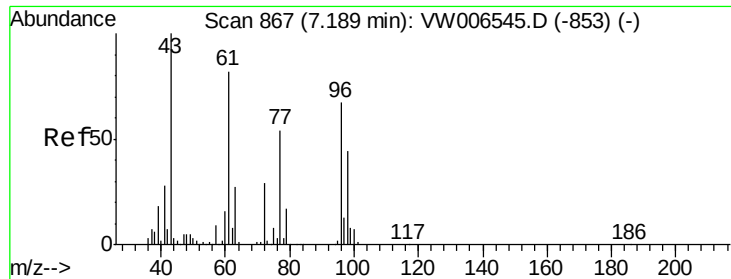
84 100

49 111.3 88.2 132.4

51 29.0 27.0 40.6

86 65.4 53.8 80.8

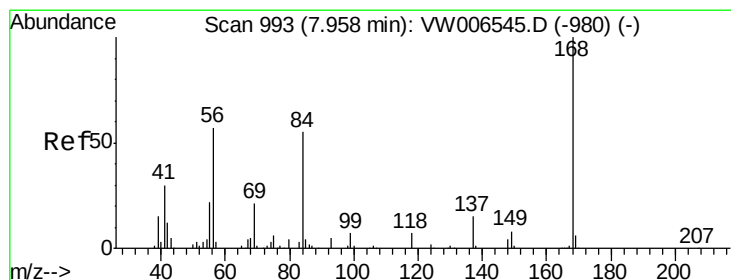
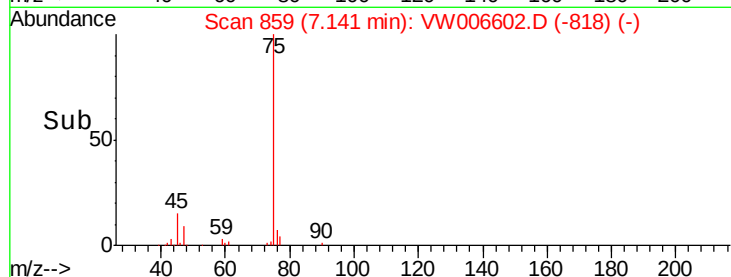
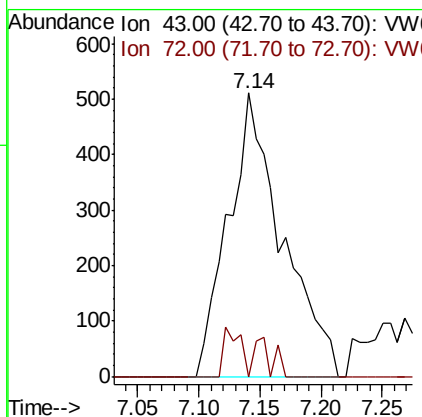
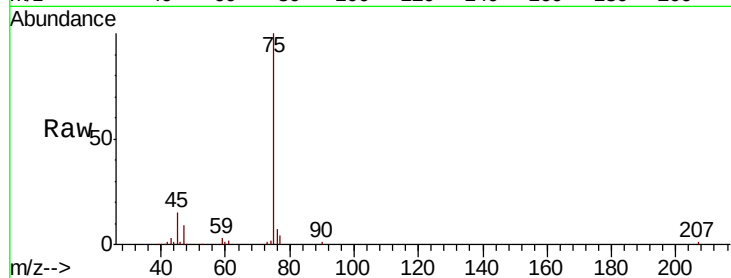




#25
2-Butanone
Concen: 3.093 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.05 min
Lab File: VW006602.D
Acq: 02 Nov 2018 15:30

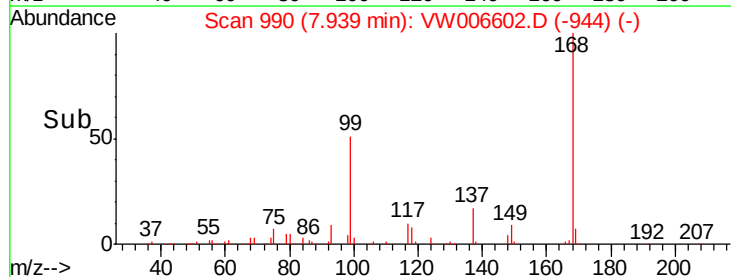
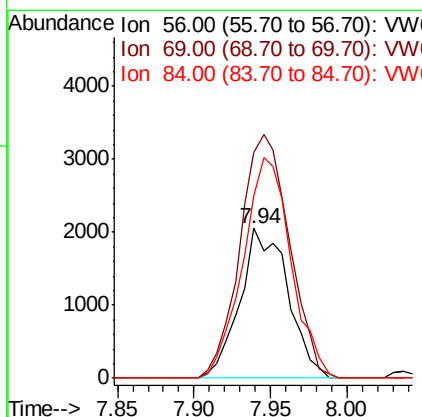
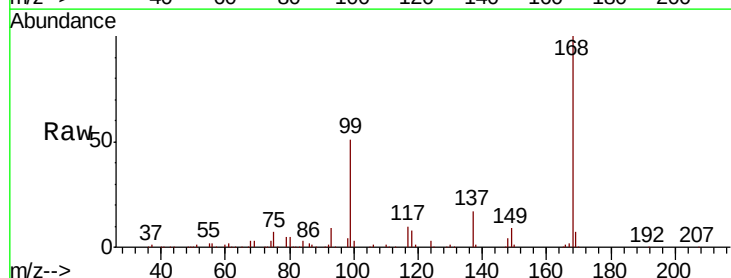
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBL01

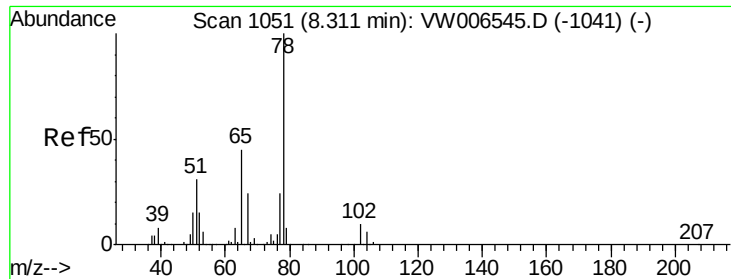
Tgt Ion: 43 Resp: 1566
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#



#31
Cyclohexane
Concen: 1.272 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW006602.D
Acq: 02 Nov 2018 15:30

Tgt Ion: 56 Resp: 4454
Ion Ratio Lower Upper
56 100
69 150.8 29.0 43.4#
84 121.5 77.8 116.6#

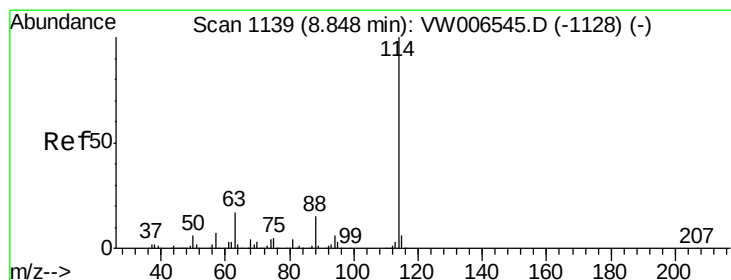
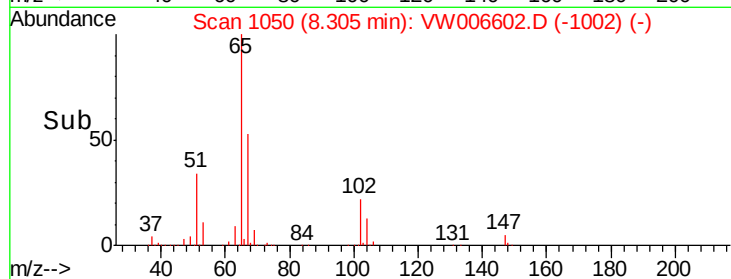
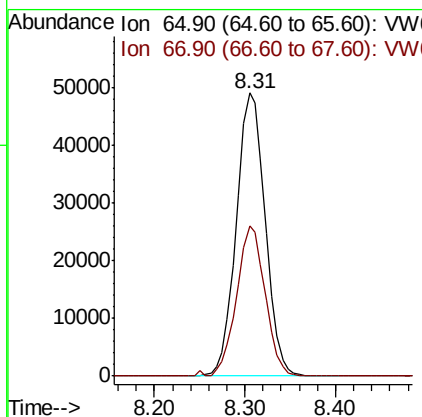
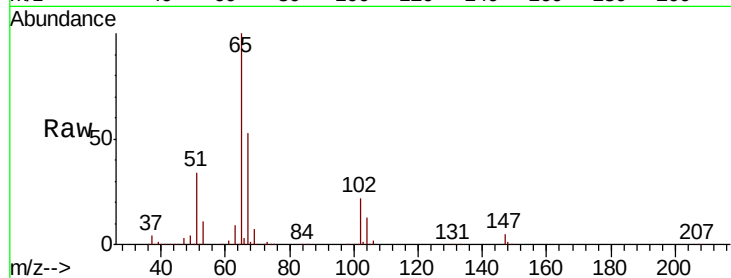




#33
 1,2-Dichloroethane-d4
 Concen: 49.158 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006602.D
 Acq: 02 Nov 2018 15:30

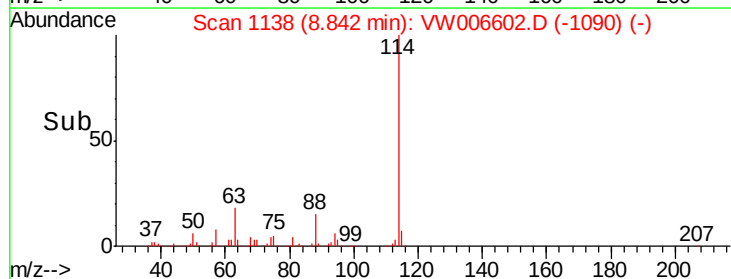
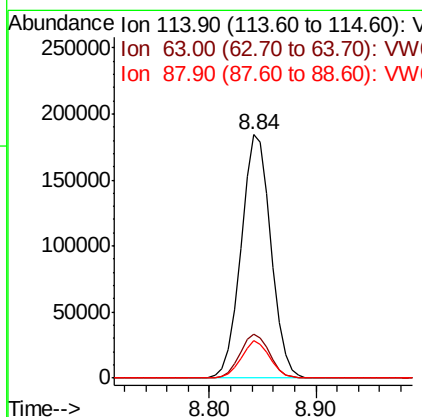
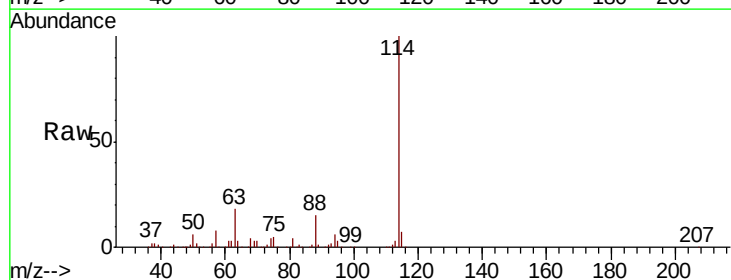
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBL01

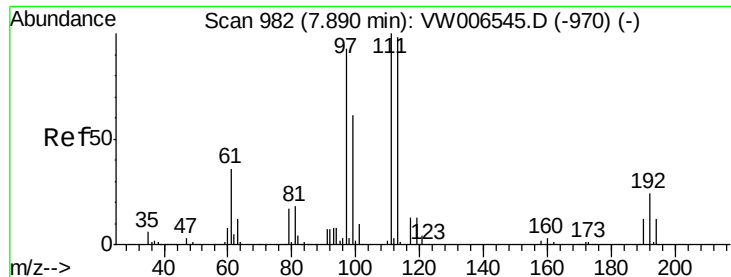
Tgt Ion: 65 Resp: 108027
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006602.D
 Acq: 02 Nov 2018 15:30

Tgt Ion: 114 Resp: 362440
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.4
 88 15.2 0.0 29.0

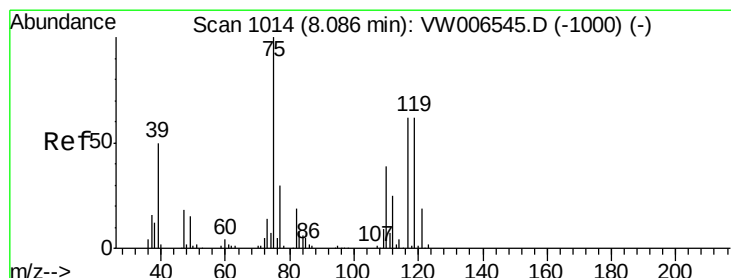
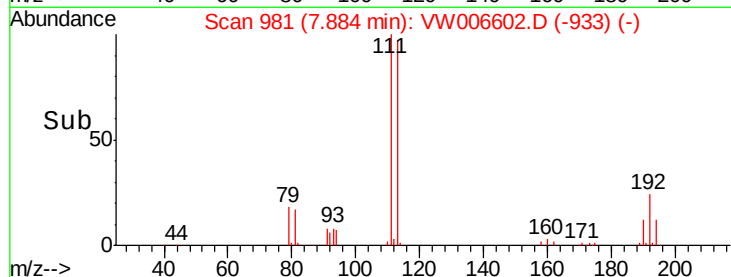
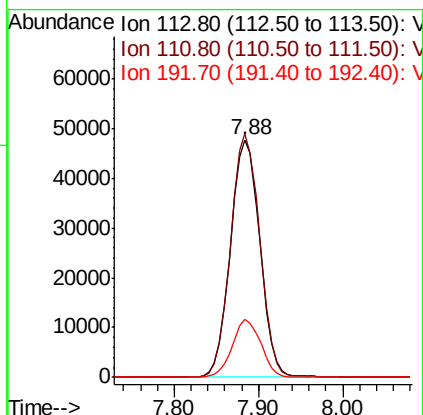
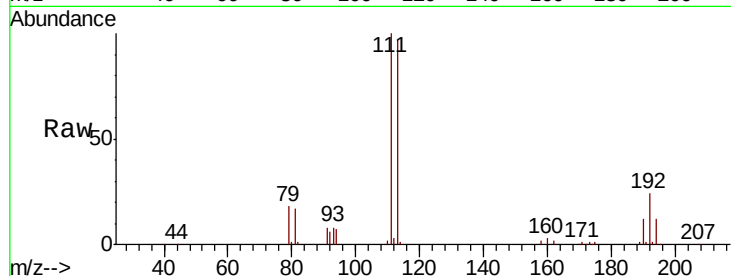




#35
 Dibromofluoromethane
 Concen: 49.457 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006602.D
 Acq: 02 Nov 2018 15:30

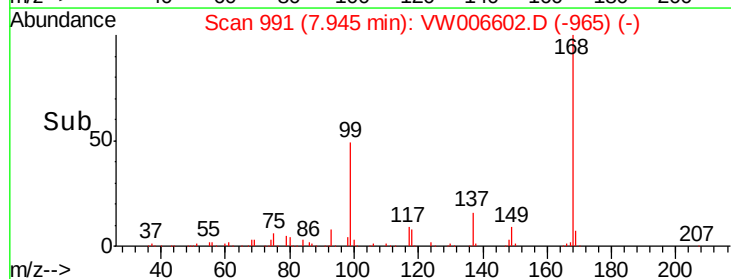
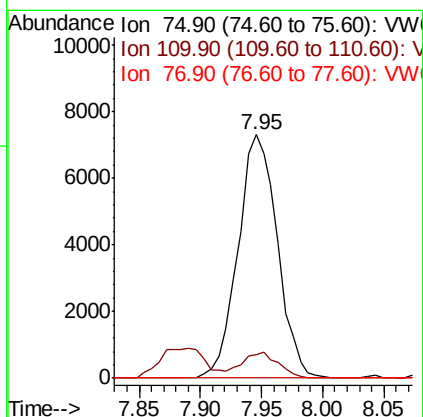
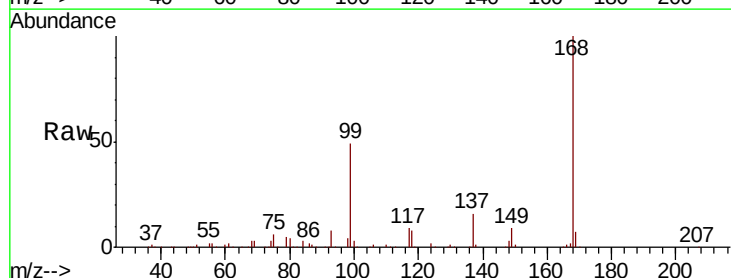
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBL01

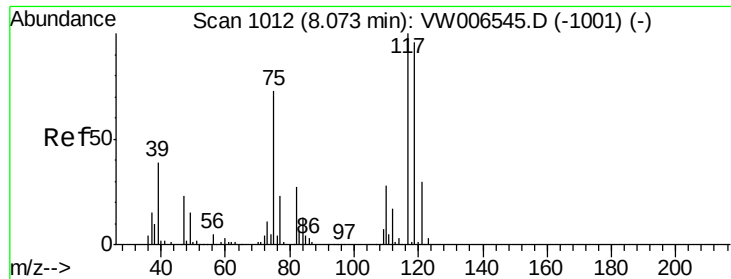
Tgt Ion: 113 Resp: 112495
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.2
 192 23.8 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 5.111 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006602.D
 Acq: 02 Nov 2018 15:30

Tgt Ion: 75 Resp: 16289
 Ion Ratio Lower Upper
 75 100
 110 9.9 19.5 58.5#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.758 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW006602.D

Acq: 02 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBL01

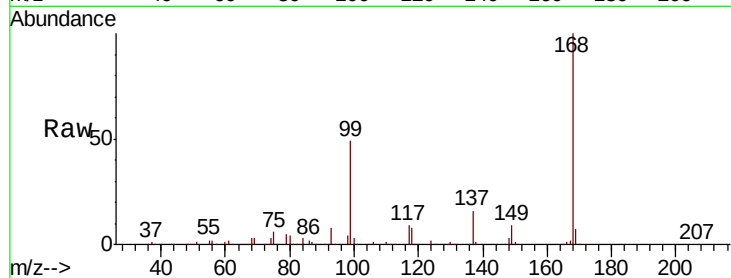
Tgt Ion:117 Resp: 22508

Ion Ratio Lower Upper

117 100

119 4.6 76.3 114.5#

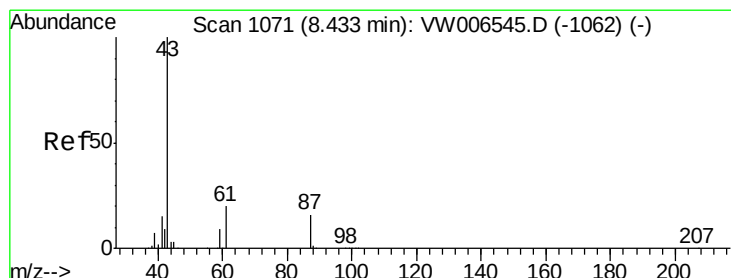
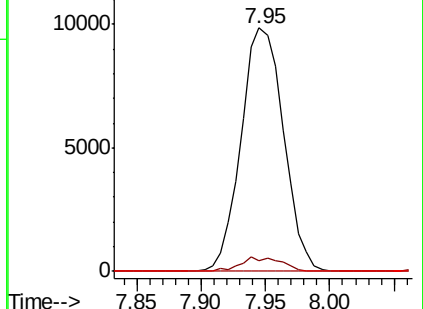
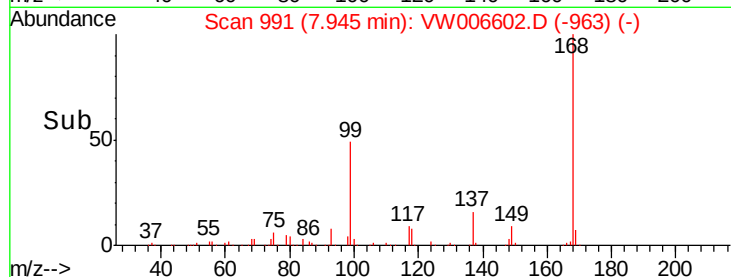
121 0.0 24.1 36.1#



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



#43

Isopropyl Acetate

Concen: 1.931 ug/l

RT: 8.26 min Scan# 1043

Delta R.T. -0.17 min

Lab File: VW006602.D

Acq: 02 Nov 2018 15:30

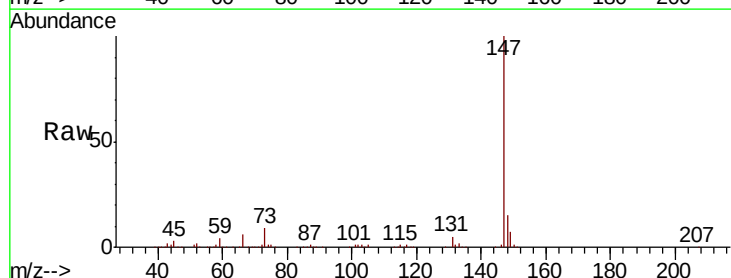
Tgt Ion: 43 Resp: 4256

Ion Ratio Lower Upper

43 100

61 17.7 27.2 40.8#

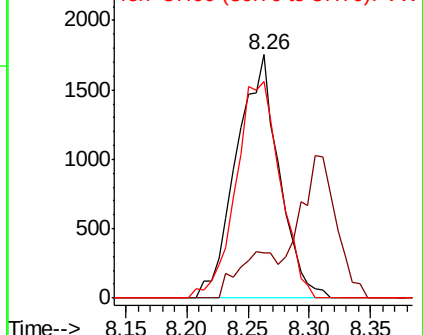
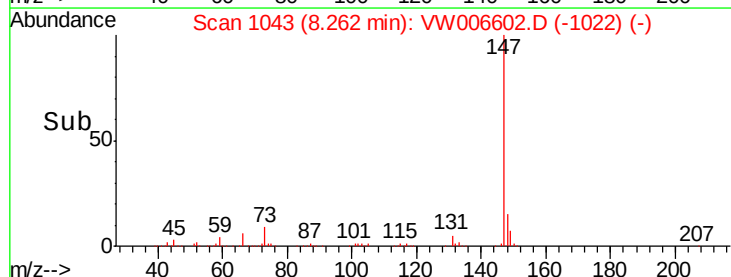
87 91.8 12.9 19.3#

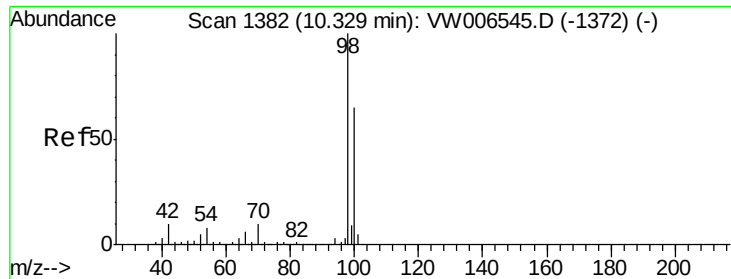


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW

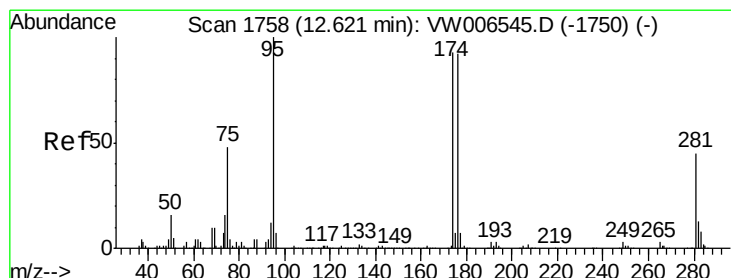
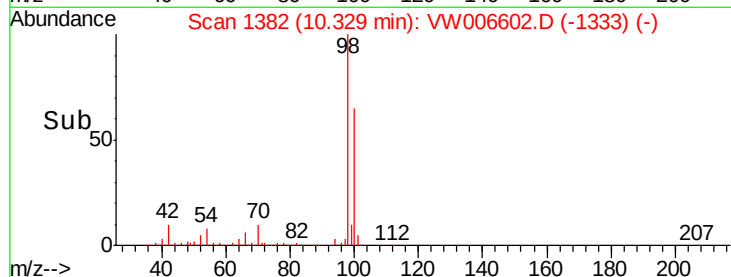
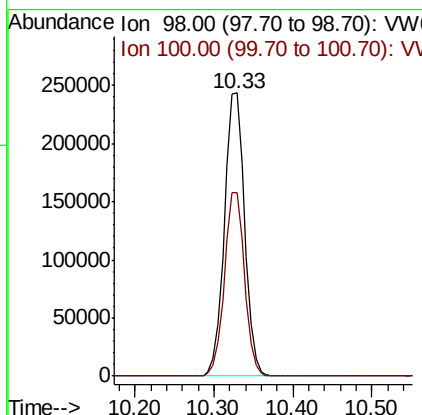
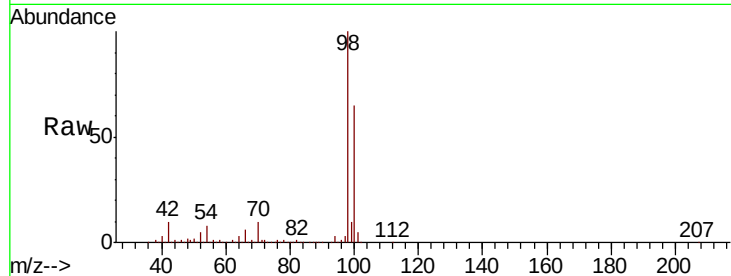




#50
Toluene-d8
Concen: 50.050 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006602.D
Acq: 02 Nov 2018 15:30

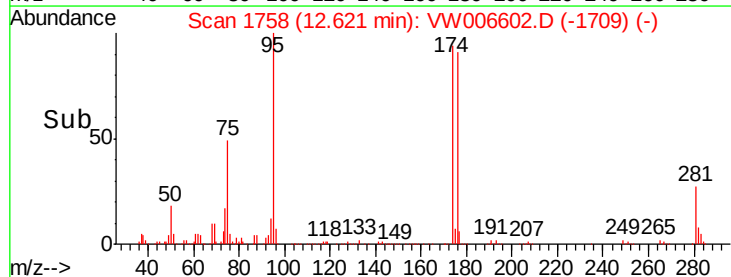
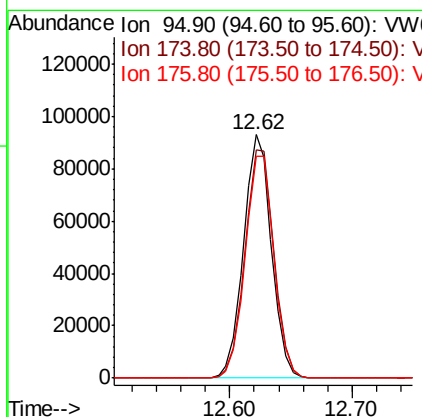
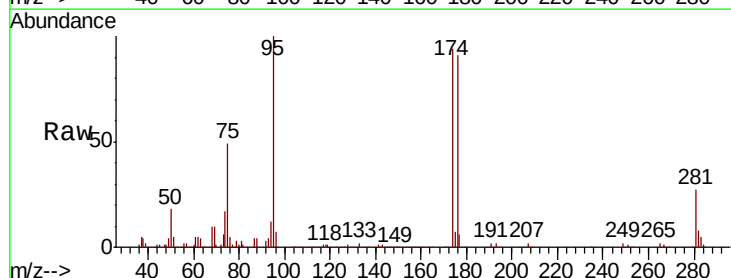
Instrument :
MSVOA_W
ClientSampled :
VW1104SBL01

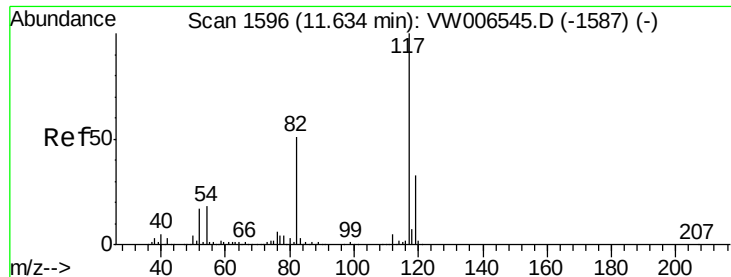
Tgt Ion: 98 Resp: 433379
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.754 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006602.D
Acq: 02 Nov 2018 15:30

Tgt Ion: 95 Resp: 146771
Ion Ratio Lower Upper
95 100
174 98.4 0.0 192.4
176 95.0 0.0 187.4

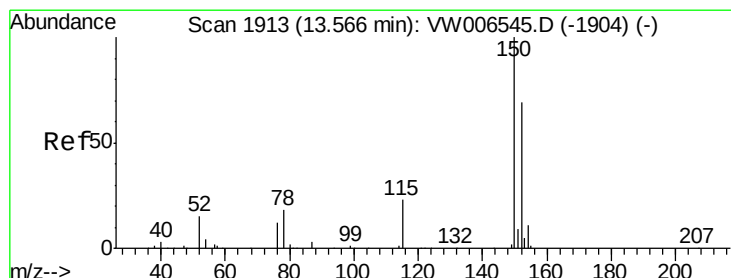
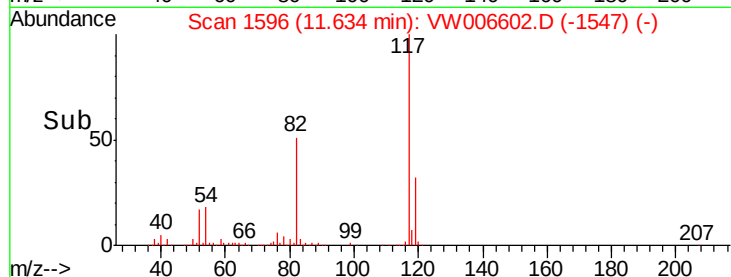
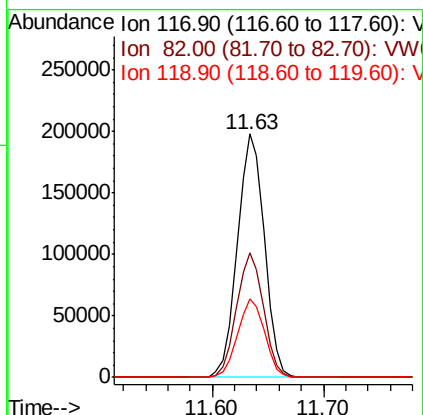
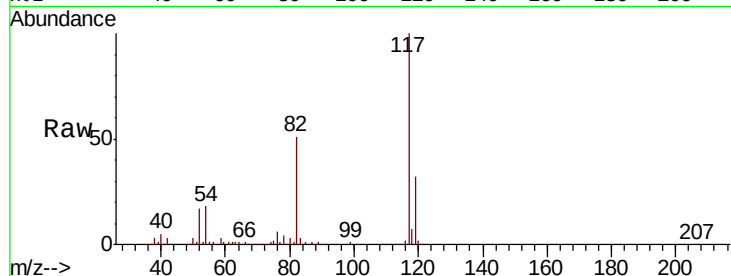




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006602.D
Acq: 02 Nov 2018 15:30

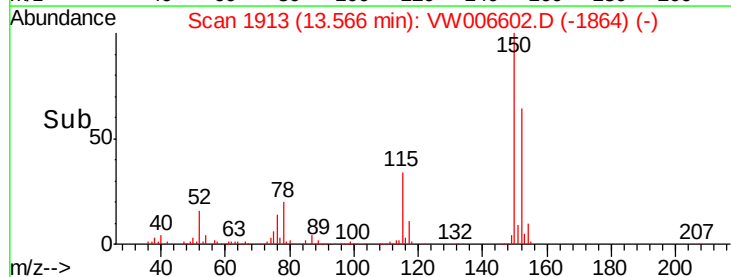
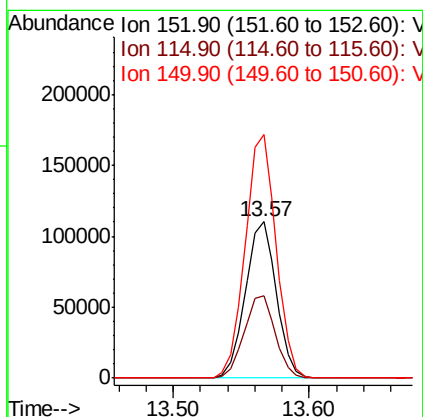
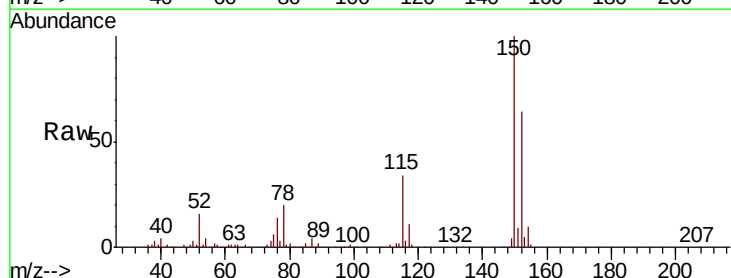
Instrument :
MSVOA_W
ClientSampleId :
VW1104SBL01

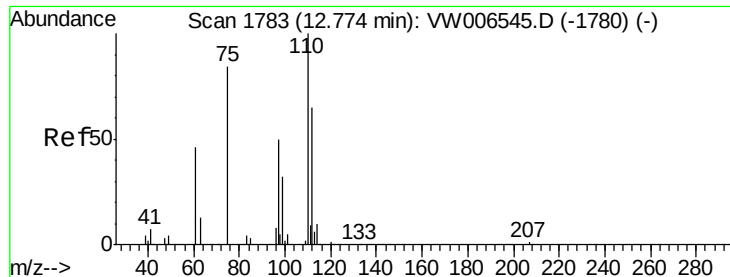
Tgt Ion:117 Resp: 331101
Ion Ratio Lower Upper
117 100
82 51.3 40.8 61.2
119 32.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006602.D
Acq: 02 Nov 2018 15:30

Tgt Ion:152 Resp: 175306
Ion Ratio Lower Upper
152 100
115 53.1 26.6 79.8
150 155.6 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 52.978 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006602.D

Acq: 02 Nov 2018 15:30

Instrument :

MSVOA_W

ClientSampleId :

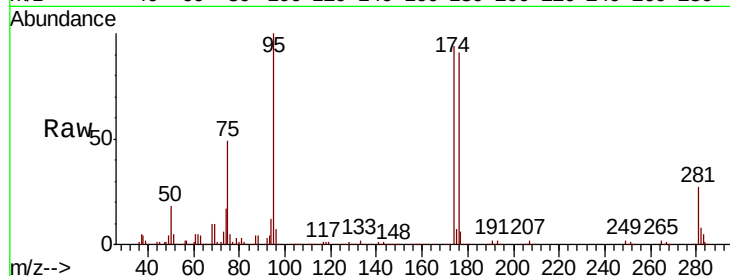
VW1104SBL01

Tgt Ion: 75 Resp: 72463

Ion Ratio Lower Upper

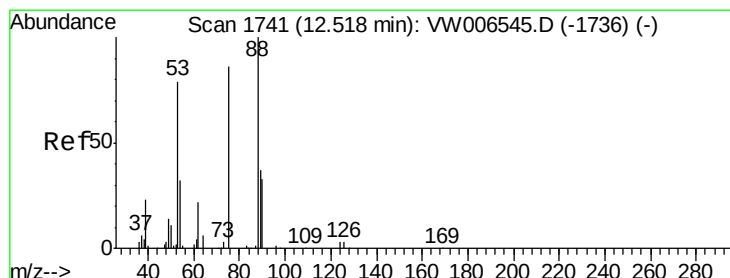
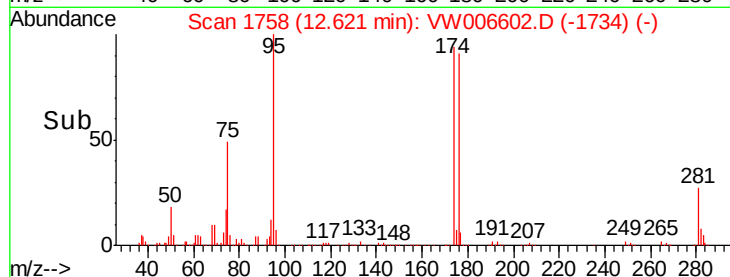
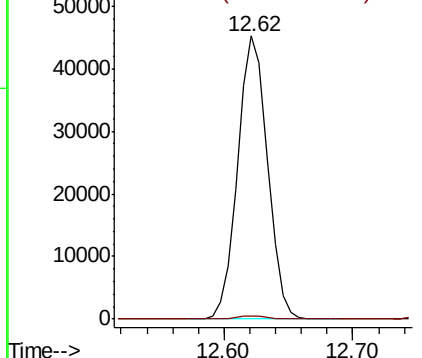
75 100

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: 132.558 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006602.D

Acq: 02 Nov 2018 15:30

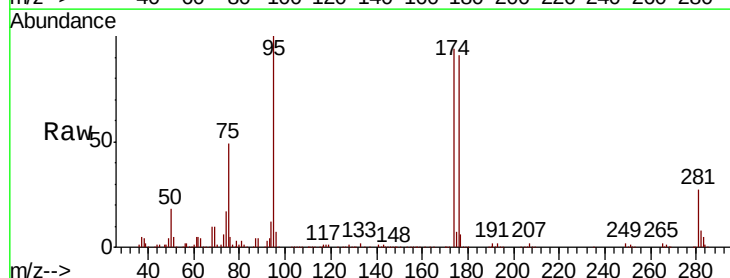
Tgt Ion: 75 Resp: 72463

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.1 38.6 58.0#



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

