

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003651.D
 Acq On : 28 Jun 2018 20:42
 Operator : SY/AP
 Sample : J3745-02
 Misc : 6.53G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 29 06:46:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	116604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	199056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	138302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	26910	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	64471	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
35) Dibromofluoromethane	7.88	113	60502	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
50) Toluene-d8	10.33	98	152013	30.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.98%	
62) 4-Bromofluorobenzene	12.62	95	31809	18.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	36.66%	

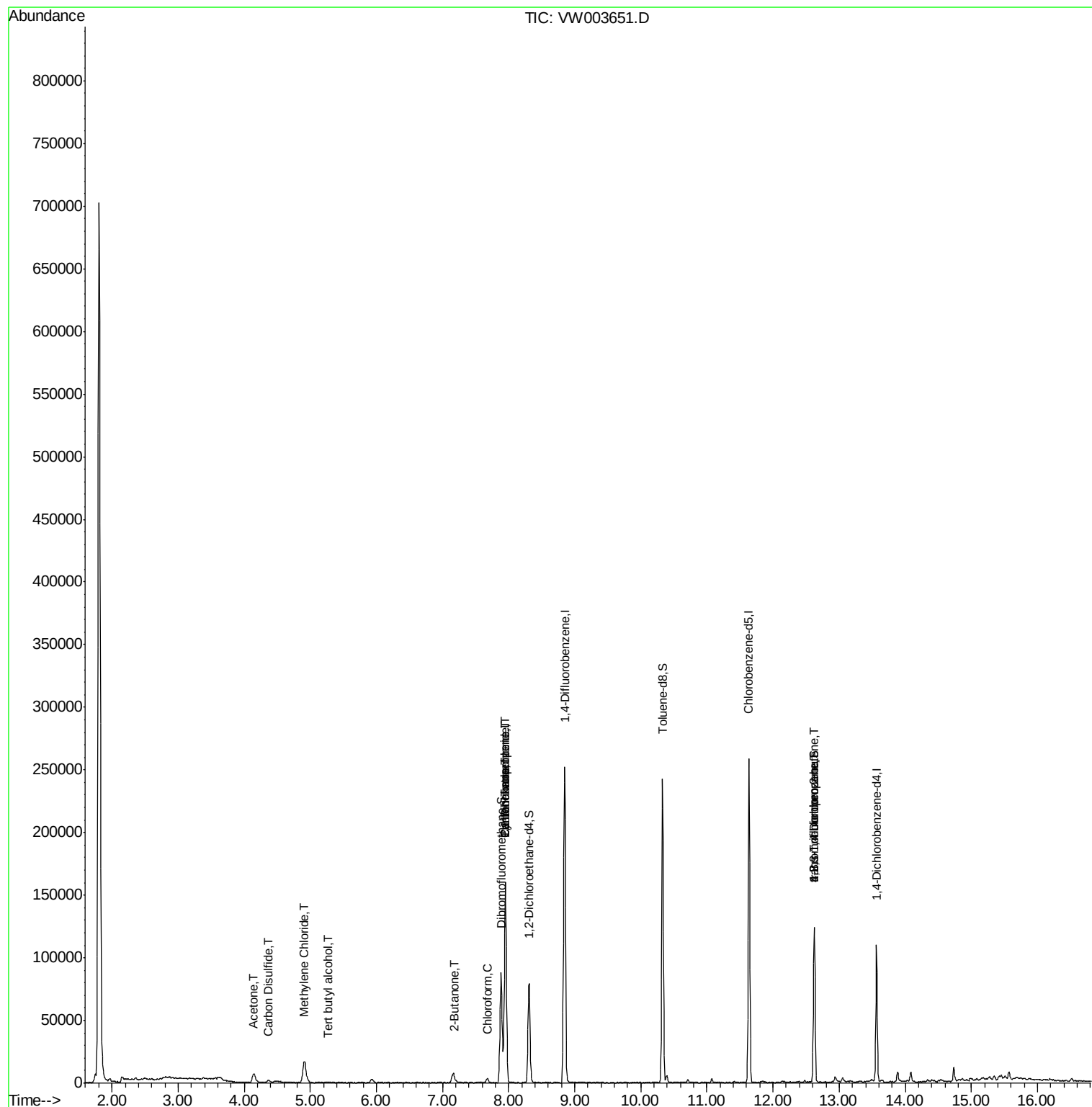
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.26	59	91	1.343	ug/l #	84
16) Acetone	4.14	43	14695	55.476	ug/l	92
17) Carbon Disulfide	4.36	76	3787	1.214	ug/l	97
20) Methylene Chloride	4.91	84	13705	9.183	ug/l	93
25) 2-Butanone	7.18	43	1973	5.990	ug/l #	50
30) Chloroform	7.68	83	3153	1.417	ug/l	98
31) Cyclohexane	7.95	56	3018	1.479	ug/l #	2
36) 1,1-Dichloropropene	7.95	75	10153	5.282	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11436	6.065	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	17633	76.649	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	17633	176.373	ug/l #	8

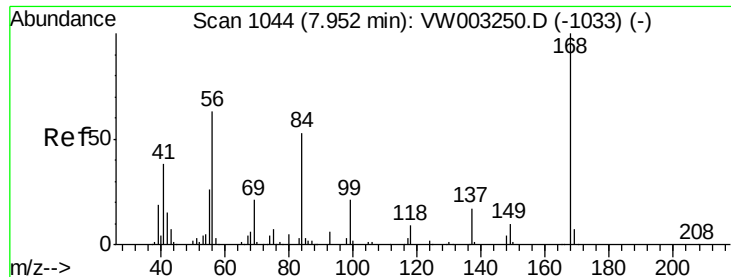
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062818\
Data File : VW003651.D
Acq On : 28 Jun 2018 20:42
Operator : SY/AP
Sample : J3745-02
Misc : 6.53G/5ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 29 06:46:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003651.D

Acq: 28 Jun 2018 20:42

Instrument :

MSVOA_W

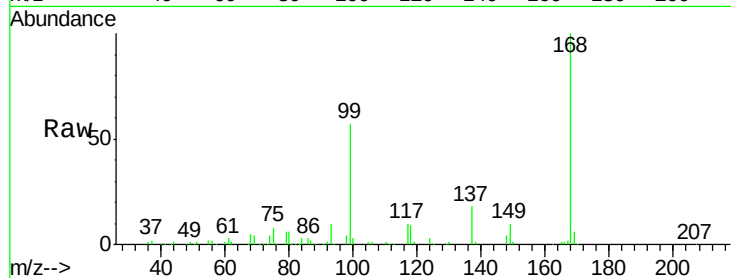
ClientSampleId :

Tot Ion:168 Resp: 116604

Ion Ratio Lower Upper

168 100

99 56.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

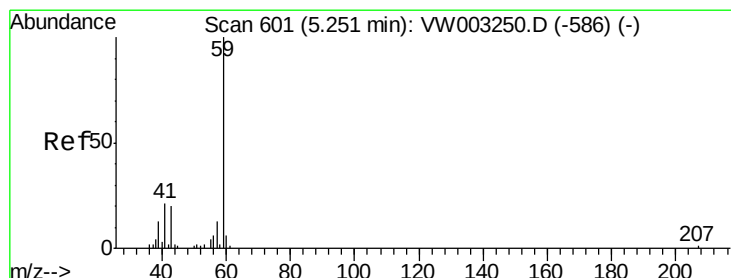
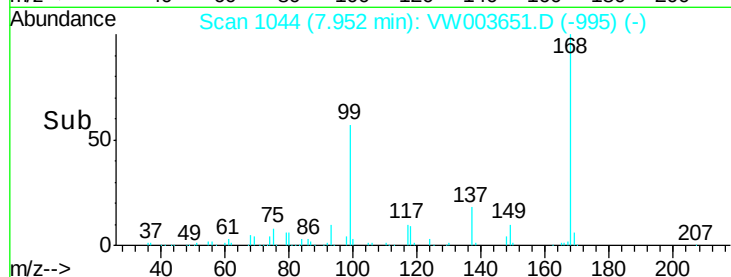
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.343 ug/l

RT: 5.26 min Scan# 603

Delta R.T. 0.01 min

Lab File: VW003651.D

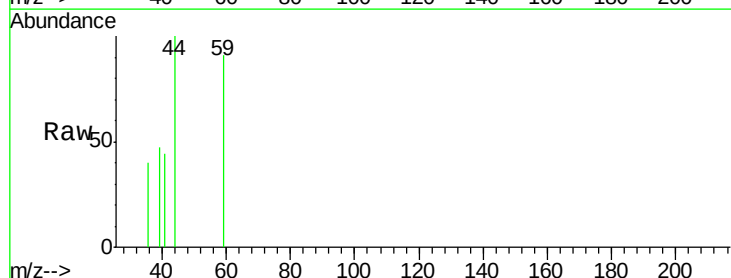
Acq: 28 Jun 2018 20:42

Tgt Ion: 59 Resp: 91

Ion Ratio Lower Upper

59 100

57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

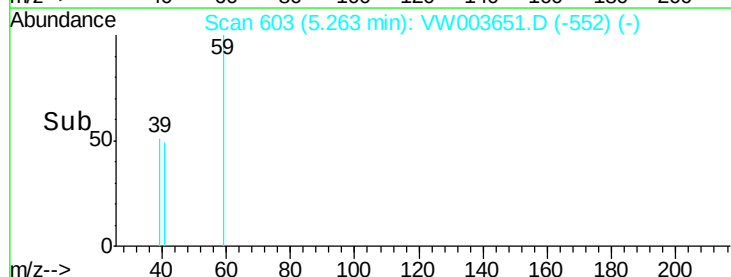
5.26

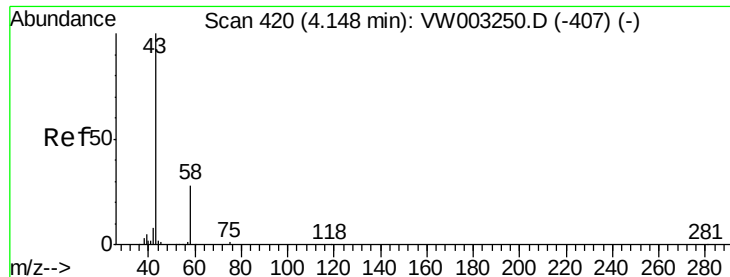
100

50

0

Time-->





#16

Acetone

Concen: 55.476 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003651.D

Acq: 28 Jun 2018 20:42

Instrument :

MSVOA_W

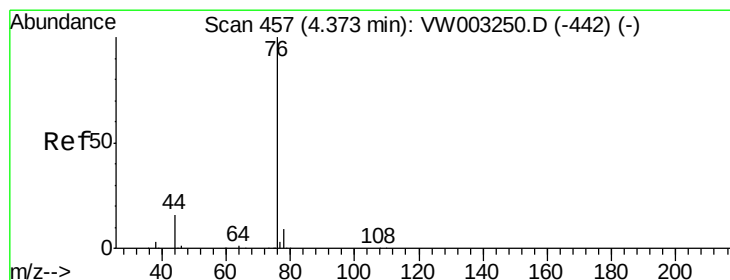
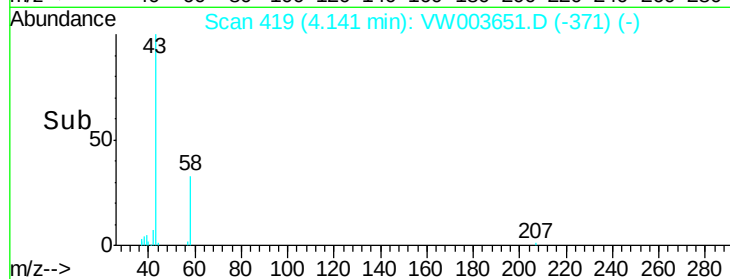
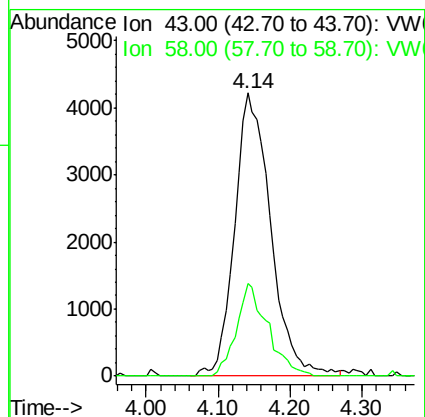
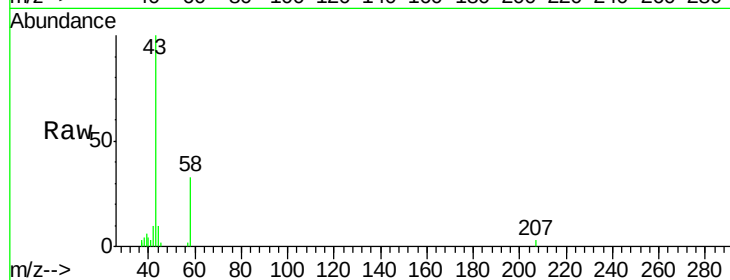
ClientSampleId :

Tot Ion: 43 Resp: 14695

Ion Ratio Lower Upper

43 100

58 32.7 22.6 34.0



#17

Carbon Disulfide

Concen: 1.214 ug/l

RT: 4.36 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW003651.D

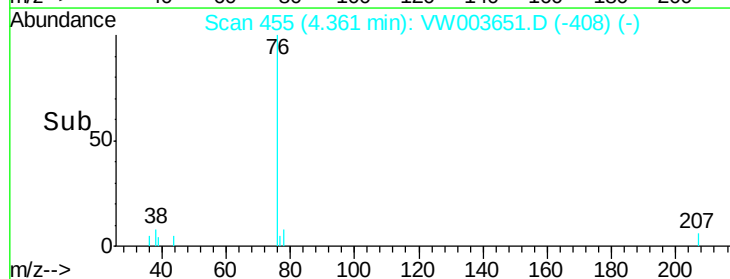
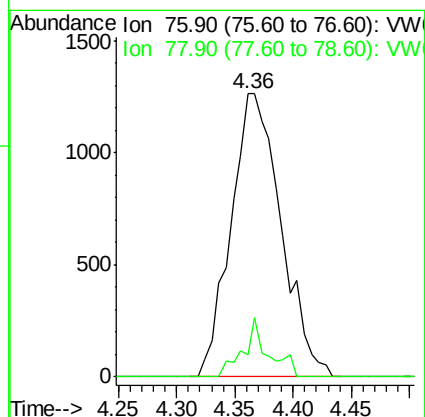
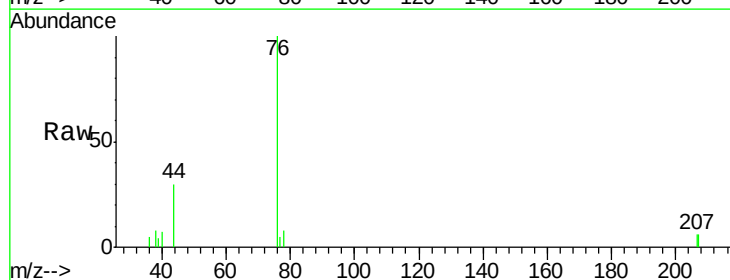
Acq: 28 Jun 2018 20:42

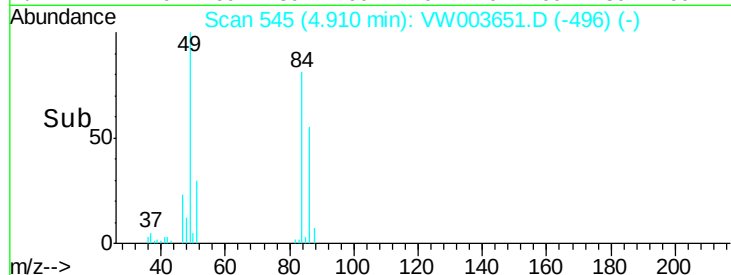
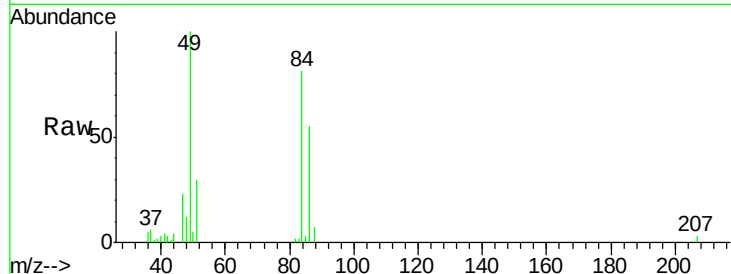
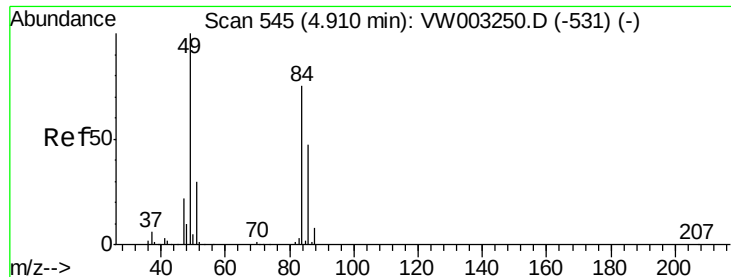
Tgt Ion: 76 Resp: 3787

Ion Ratio Lower Upper

76 100

78 7.9 7.1 10.7

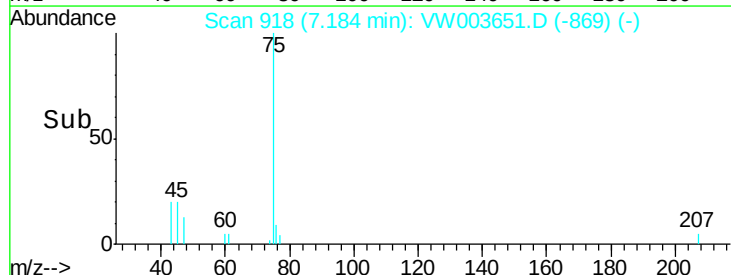
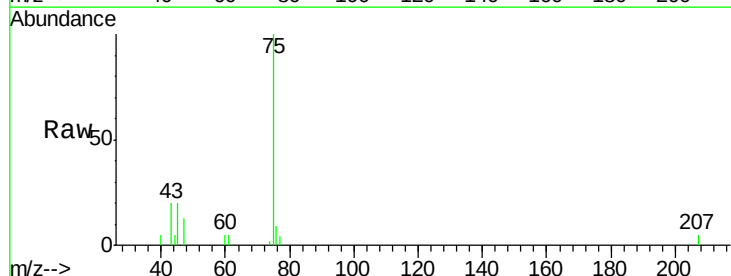
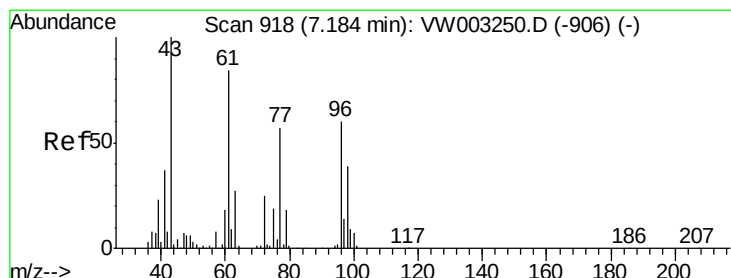
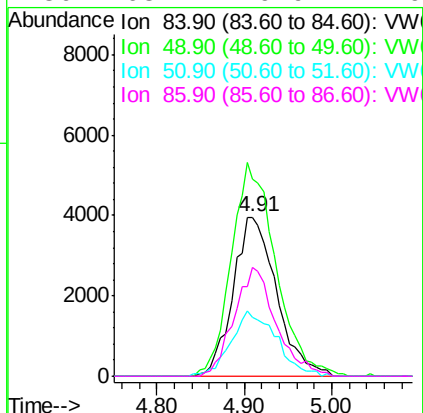




#20
Methylene Chloride
Concen: 9.183 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003651.D
Acq: 28 Jun 2018 20:42

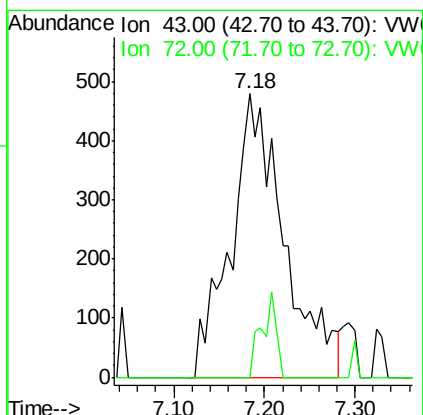
Instrument :
MSVOA_W
ClientSampleId :

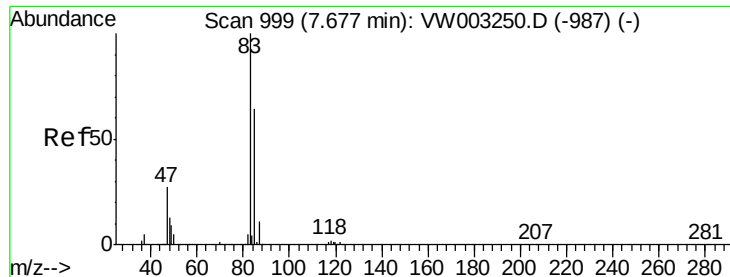
Tot Ion: 84	Resp: 13705
Ion Ratio	Lower Upper
84 100	
49 124.1	106.3 159.5
51 36.8	32.0 48.0
86 68.1	49.9 74.9



#25
2-Butanone
Concen: 5.990 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW003651.D
Acq: 28 Jun 2018 20:42

Tgt Ion: 43	Resp: 1973
Ion Ratio	Lower Upper
43 100	
72 0.0	20.3 30.5#

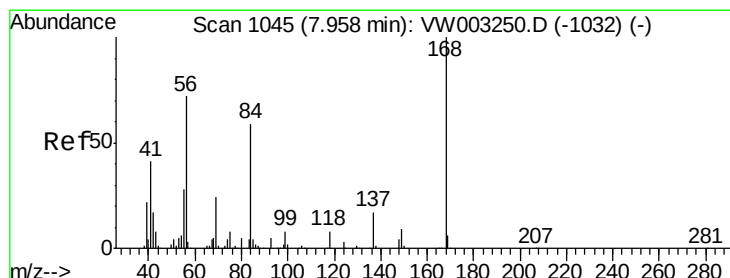
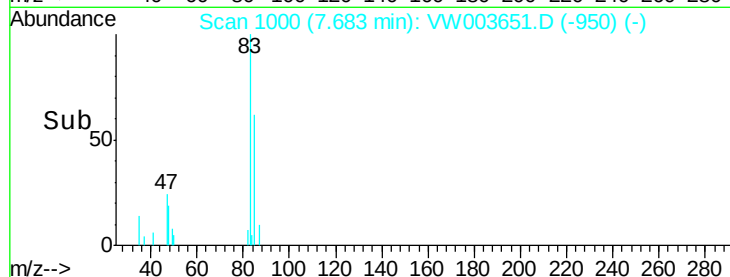
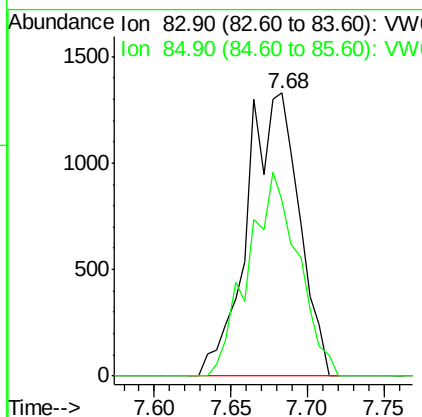
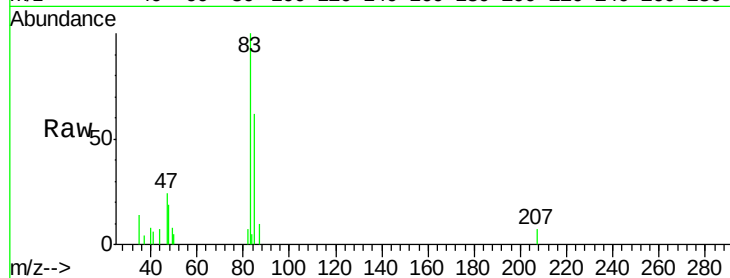




#30
Chloroform
Concen: 1.417 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VW003651.D
Acq: 28 Jun 2018 20:42

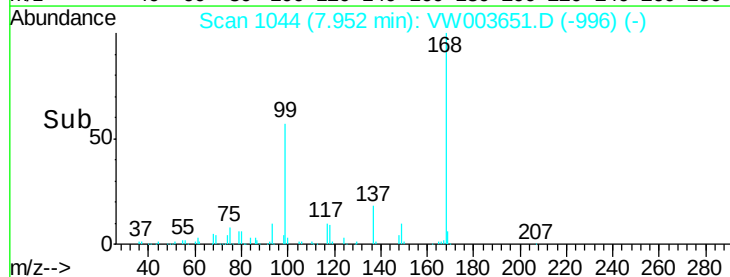
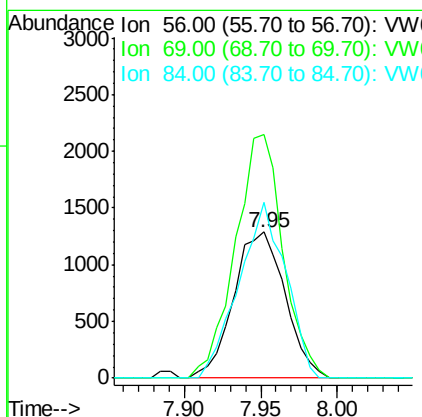
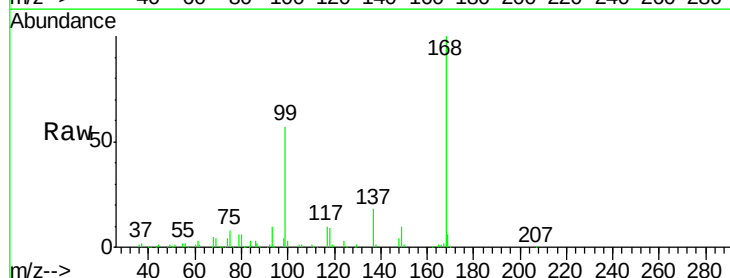
Instrument :
MSVOA_W
ClientSampled :

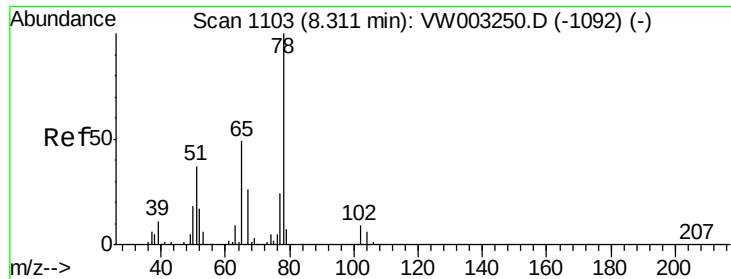
Tot Ion: 83 Resp: 3153
Ion Ratio Lower Upper
83 100
85 62.3 51.3 76.9



#31
Cyclohexane
Concen: 1.479 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003651.D
Acq: 28 Jun 2018 20:42

Tgt Ion: 56 Resp: 3018
Ion Ratio Lower Upper
56 100
69 166.4 26.3 39.5#
84 120.0 65.7 98.5#

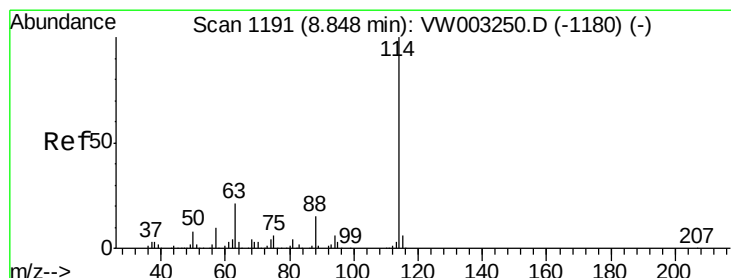
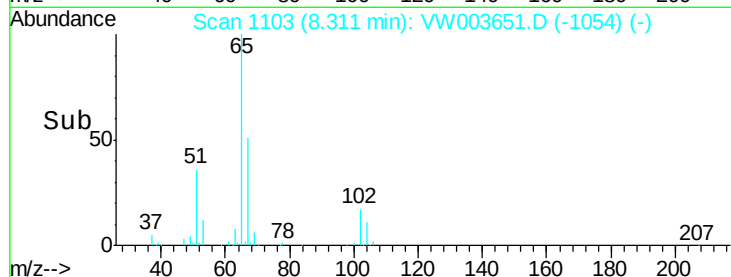
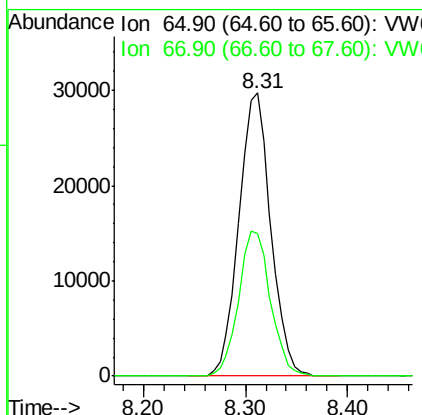
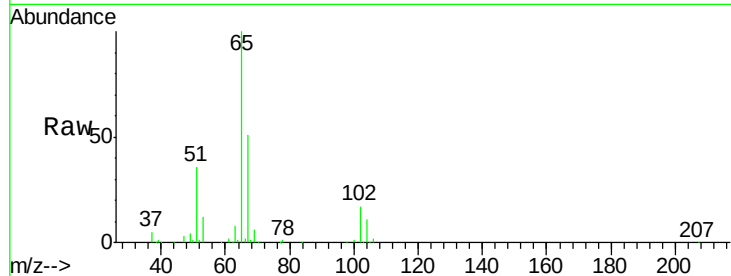




#33
 1,2-Dichloroethane-d4
 Concen: 51.046 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003651.D
 Acq: 28 Jun 2018 20:42

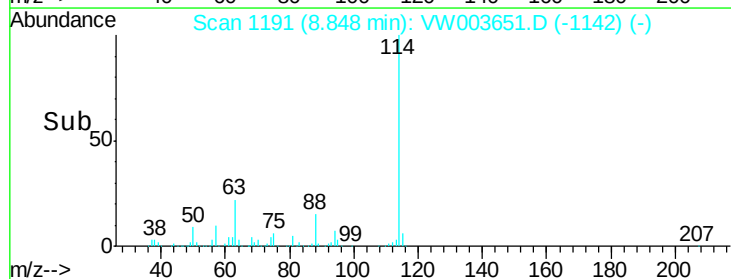
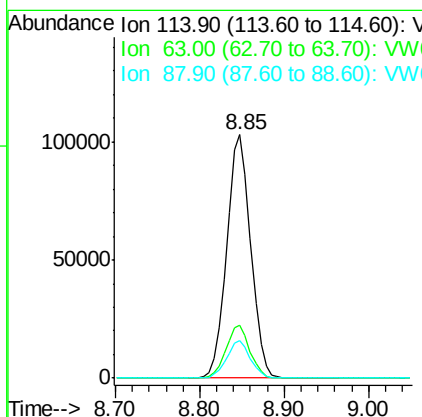
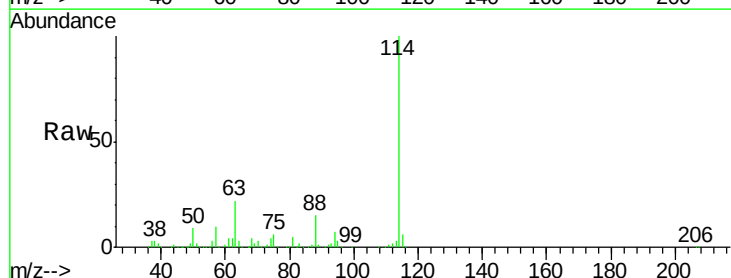
Instrument :
 MSVOA_W
 ClientSampleId :

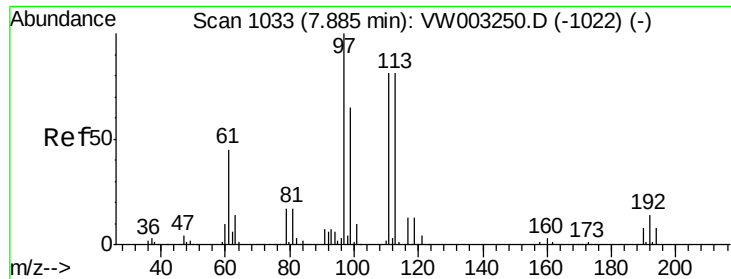
Tot Ion: 65 Resp: 64471
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003651.D
 Acq: 28 Jun 2018 20:42

Tgt Ion: 114 Resp: 199056
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.0
 88 15.4 0.0 29.6

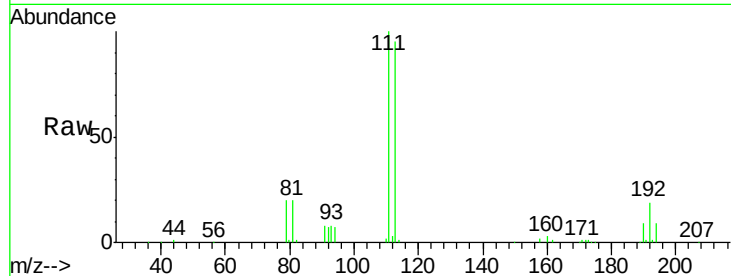




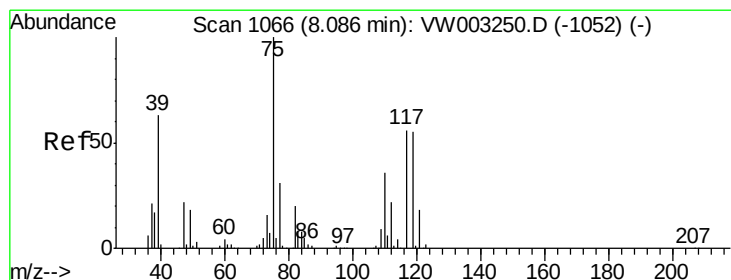
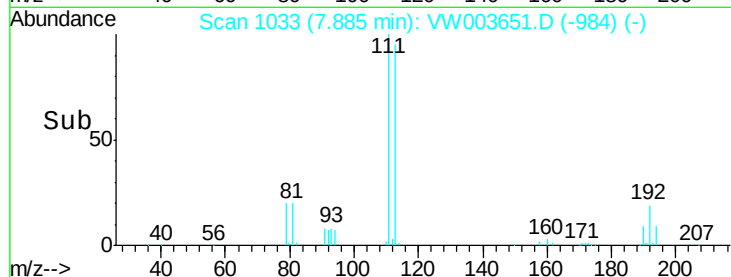
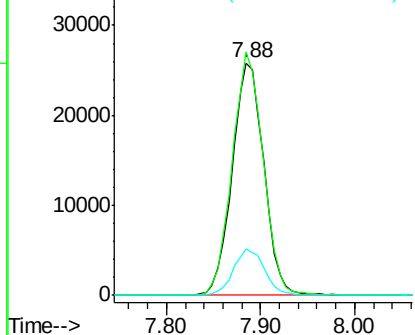
#35
 Dibromofluoromethane
 Concen: 48.915 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003651.D
 Acq: 28 Jun 2018 20:42

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 60502
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.2
 192 19.6 16.2 24.2

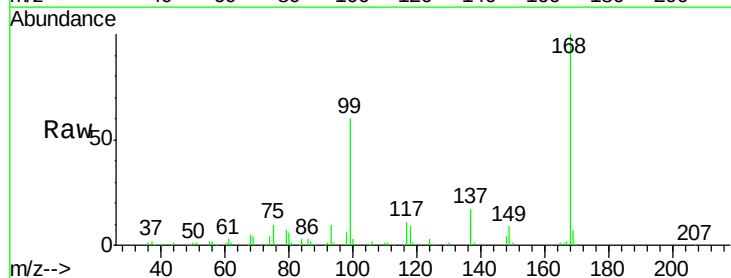


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

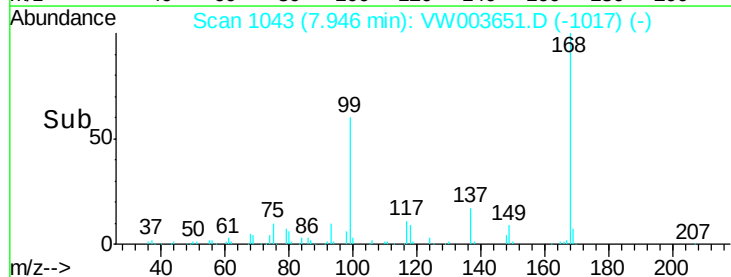
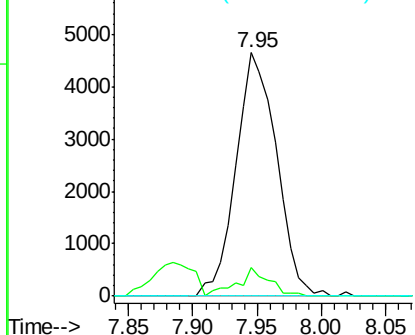


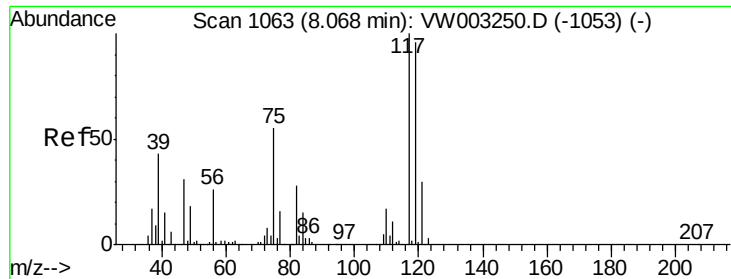
#36
 1,1-Dichloropropene
 Concen: 5.282 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.14 min
 Lab File: VW003651.D
 Acq: 28 Jun 2018 20:42

Tgt Ion: 75 Resp: 10153
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.1 51.3#
 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: 6.065 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW003651.D

Acq: 28 Jun 2018 20:42

Instrument :

MSVOA_W

ClientSampled :

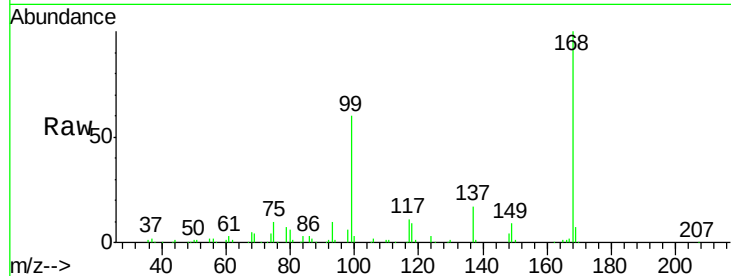
Tot Ion:117 Resp: 11436

Ion Ratio Lower Upper

117 100

119 5.7 76.6 115.0#

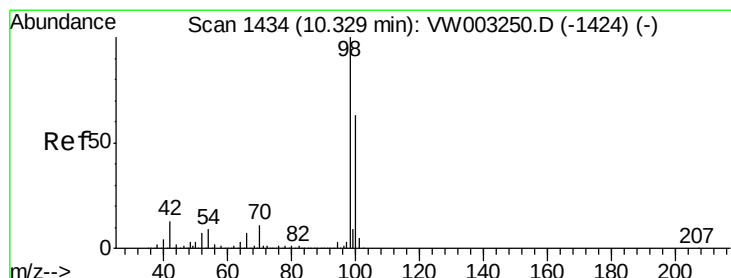
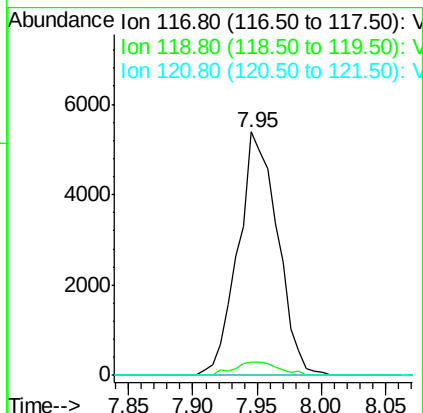
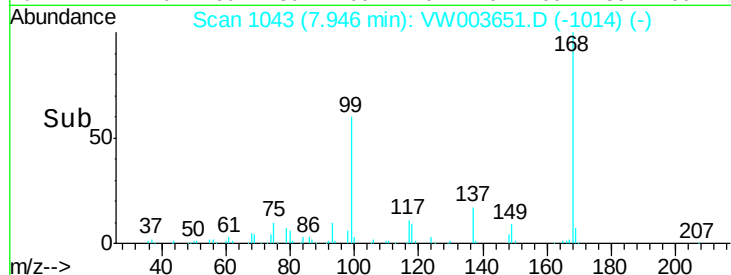
121 0.0 23.9 35.9#



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: 30.995 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003651.D

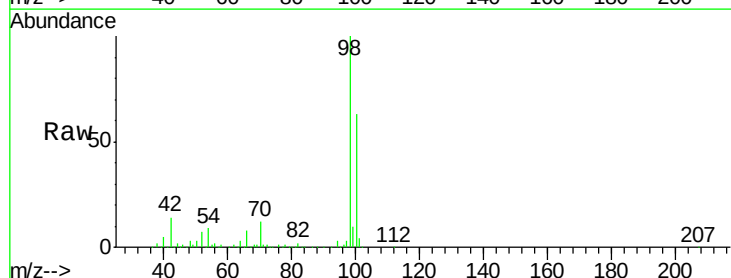
Acq: 28 Jun 2018 20:42

Tgt Ion: 98 Resp: 152013

Ion Ratio Lower Upper

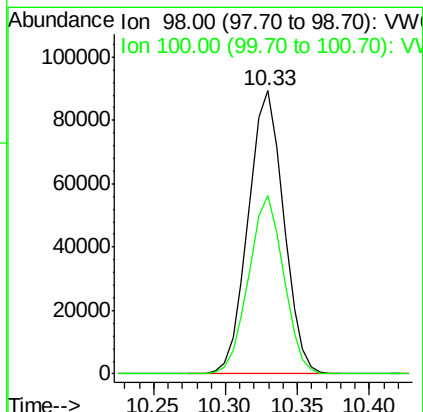
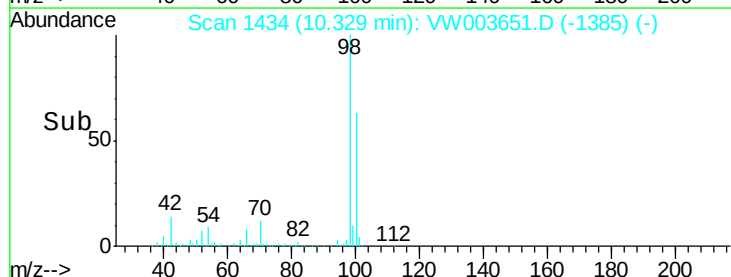
98 100

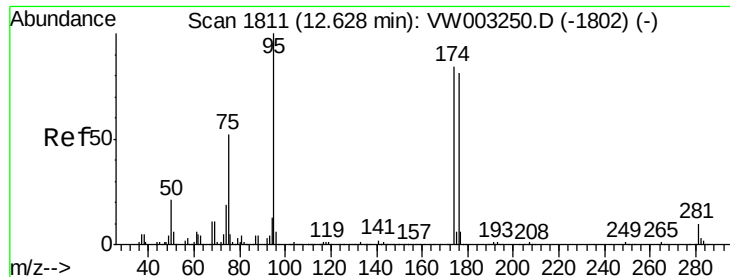
100 62.4 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

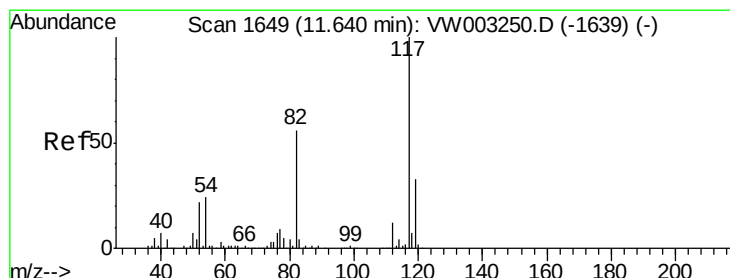
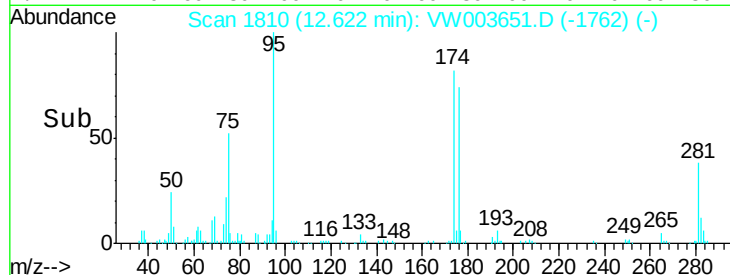
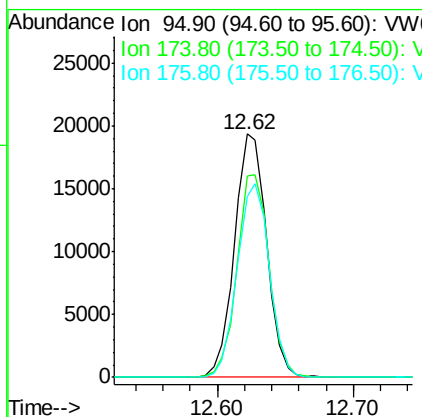
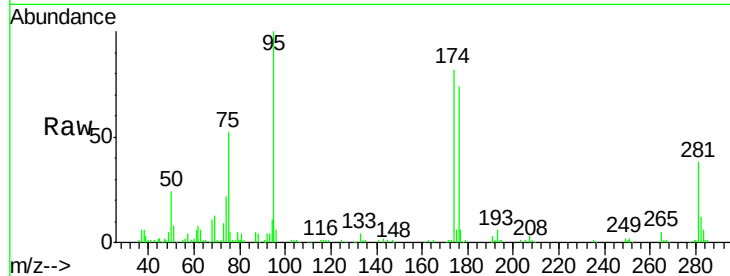




#62
4-Bromofluorobenzene
Concen: 18.327 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003651.D
Acq: 28 Jun 2018 20:42

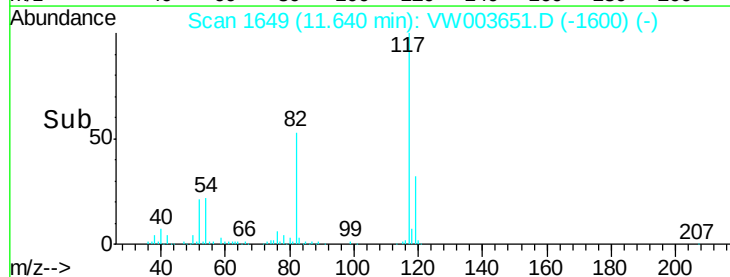
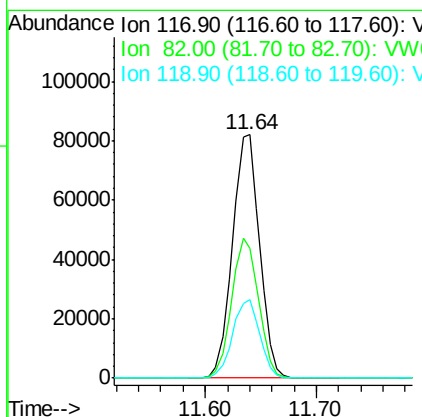
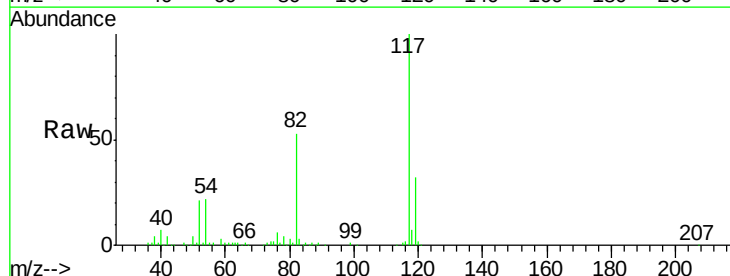
Instrument :
MSVOA_W
ClientSampleId :

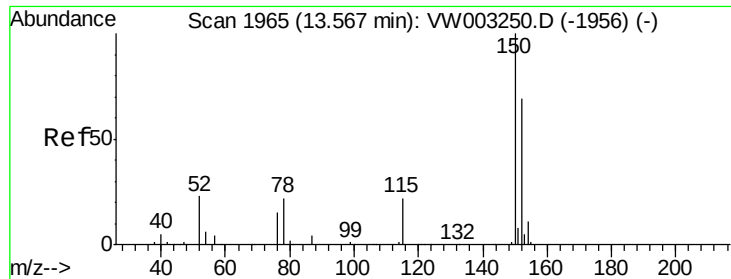
Tot Ion: 95 Resp: 31809
Ion Ratio Lower Upper
95 100
174 83.4 0.0 166.4
176 80.0 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003651.D
Acq: 28 Jun 2018 20:42

Tgt Ion: 117 Resp: 138302
Ion Ratio Lower Upper
117 100
82 53.0 44.6 67.0
119 32.2 26.7 40.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003651.D

Acq: 28 Jun 2018 20:42

Instrument :

MSVOA_W

ClientSampleId :

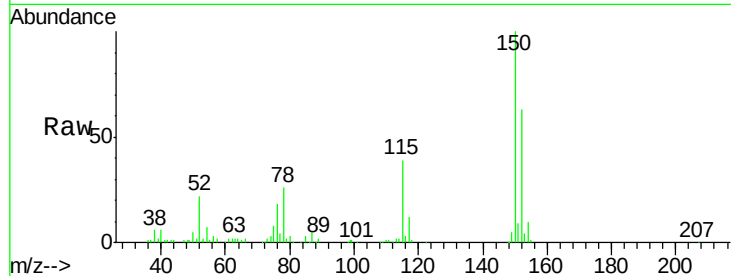
Tot Ion:152 Resp: 26910

Ion Ratio Lower Upper

152 100

115 59.9 29.3 88.0

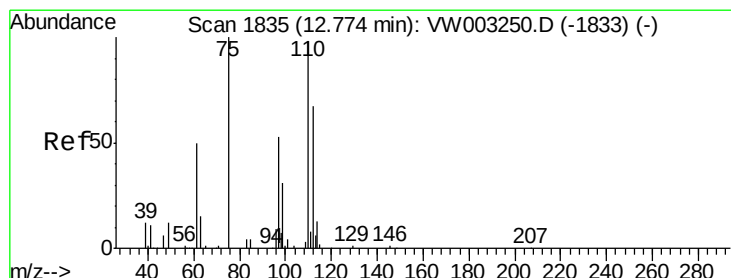
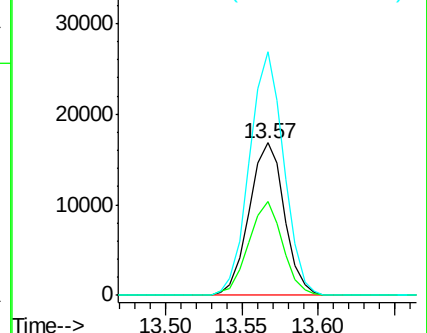
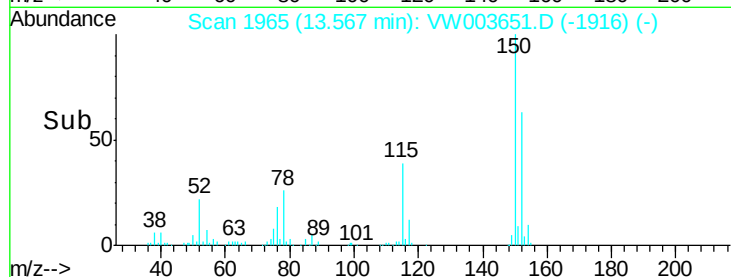
150 155.9 0.0 349.6



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: 76.649 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003651.D

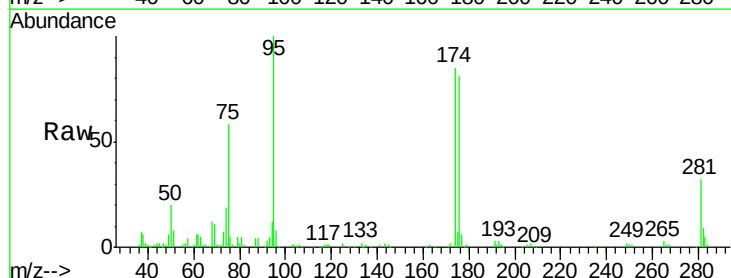
Acq: 28 Jun 2018 20:42

Tgt Ion: 75 Resp: 17633

Ion Ratio Lower Upper

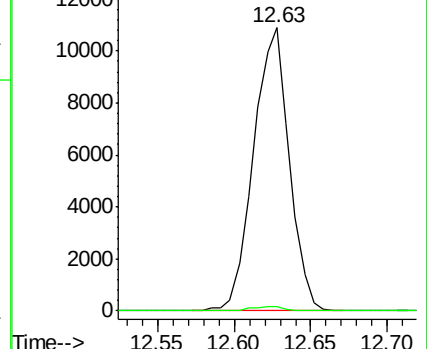
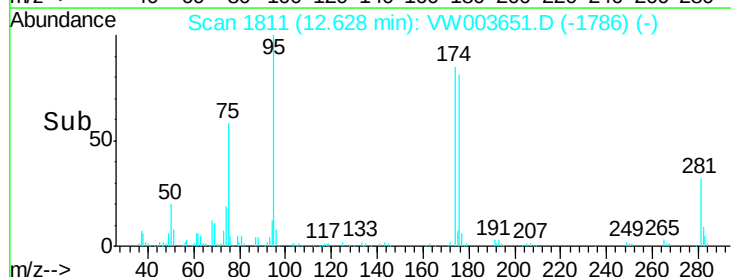
75 100

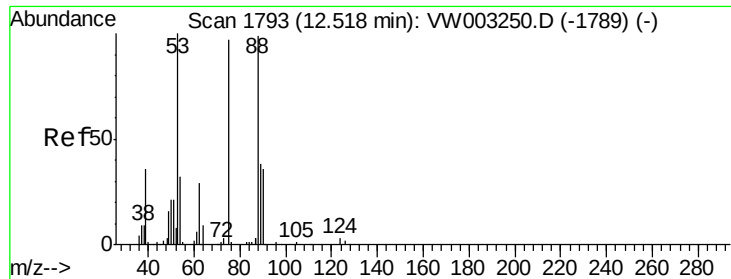
77 1.5 0.0 0.0#



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: 176.373 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003651.D

Acq: 28 Jun 2018 20:42

Instrument :

MSVOA_W

ClientSampleId :

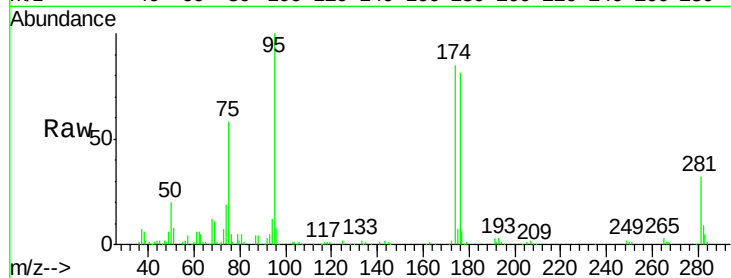
Tot Ion: 75 Resp: 17633

Ion Ratio Lower Upper

75 100

53 0.1 82.9 124.3#

89 0.1 36.7 55.1#



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

