

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006683.D
 Acq On : 06 Nov 2018 13:58
 Operator : SY/AP
 Sample : J5794-07
 Misc : 5.74G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-11-S

Quant Time: Nov 06 14:33:37 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

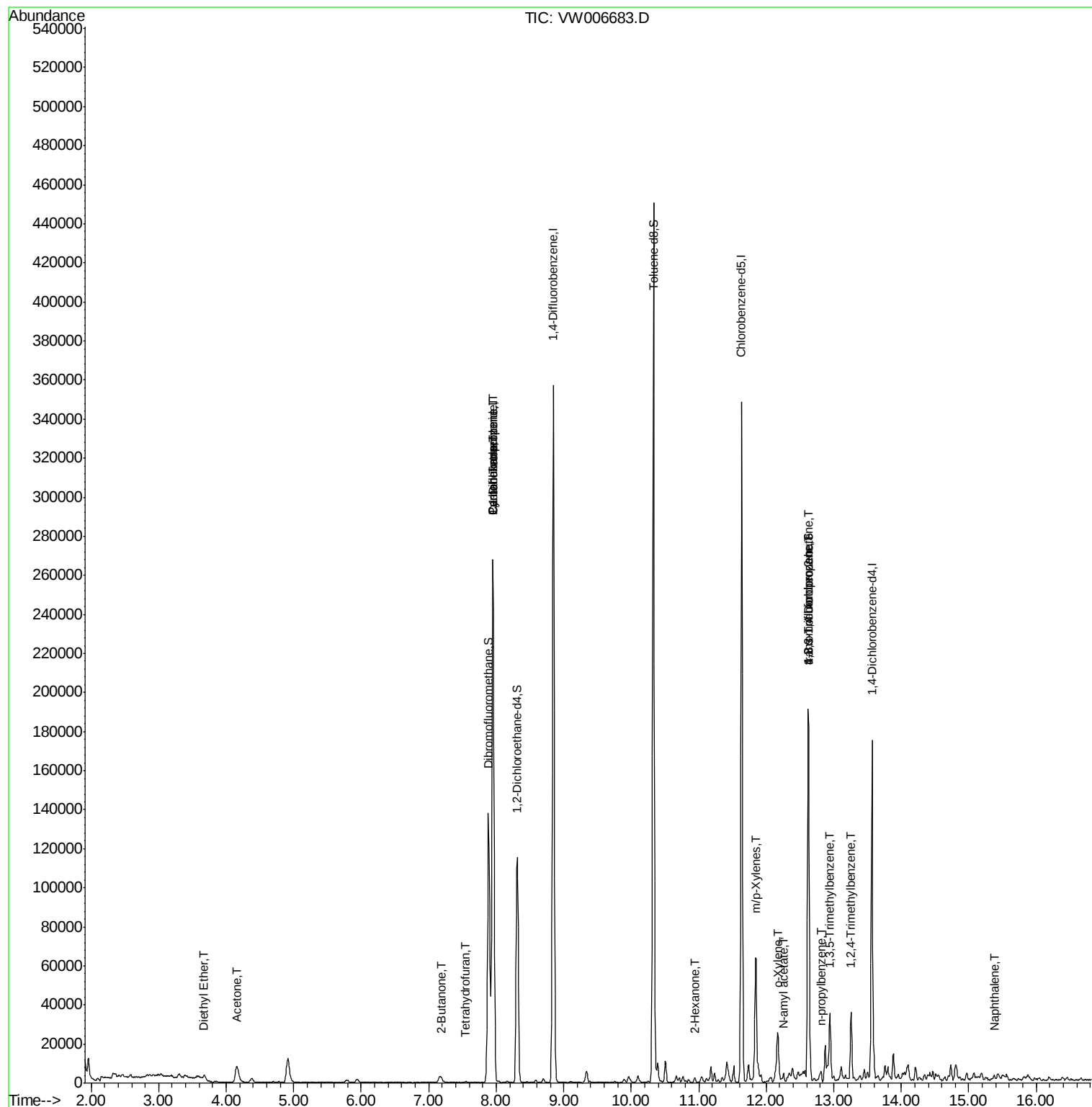
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	316913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	204589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	49270	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	91876	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	7.88	113	99441	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.33	98	308223	40.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.42%	
62) 4-Bromofluorobenzene	12.62	95	58885	21.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.90%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.67	74	1856	1.951	ug/l	82
16) Acetone	4.15	43	19043	62.368	ug/l	95
20) Methylene Chloride	4.92	84	11062	Below Cal		90
25) 2-Butanone	7.20	43	2227	5.111	ug/l #	89
29) Tetrahydrofuran	7.56	42	417	1.522	ug/l #	43
31) Cyclohexane	7.95	56	4223	1.402	ug/l #	28
36) 1,1-Dichloropropene	7.95	75	13461	4.830	ug/l #	48
38) Carbon Tetrachloride	7.95	117	18926	6.499	ug/l #	17
59) 2-Hexanone	10.94	43	924	1.374	ug/l #	22
68) m/p-Xylenes	11.84	106	12089	4.205	ug/l	98
69) o-Xylene	12.17	106	6839	2.499	ug/l	99
74) N-amyl acetate	12.26	43	987	1.760	ug/l #	72
76) 1,2,3-Trichloropropane	12.62	75	28386	73.841	ug/l #	100
78) n-propylbenzene	12.81	91	4274	1.145	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	10797	3.960	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	28386	183.713	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.26	105	19069	6.818	ug/l	97
95) Naphthalene	15.38	128	2541	1.428	ug/l #	96

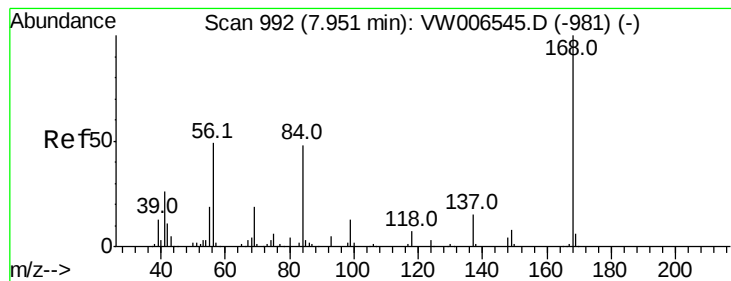
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110618\
Data File : VW006683.D
Acq On : 06 Nov 2018 13:58
Operator : SY/AP
Sample : J5794-07
Misc : 5.74G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-11-S

Quant Time: Nov 06 14:33:37 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: VW006683.D

Acq: 06 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampled :

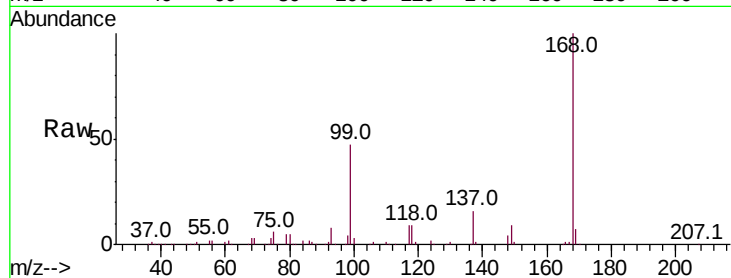
TP-11-S

Tot Ion:168 Resp: 220011

Ion Ratio Lower Upper

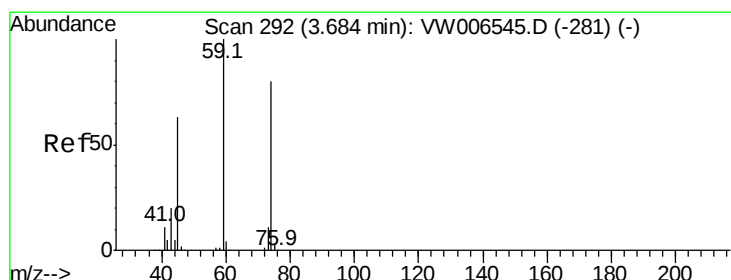
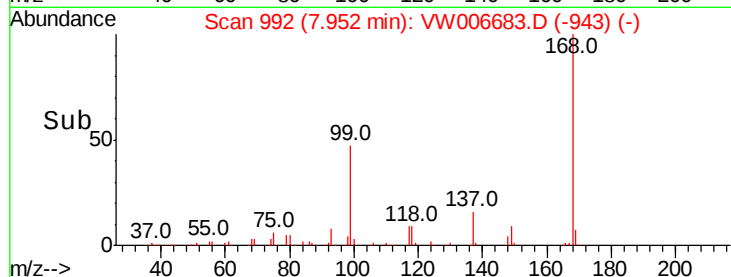
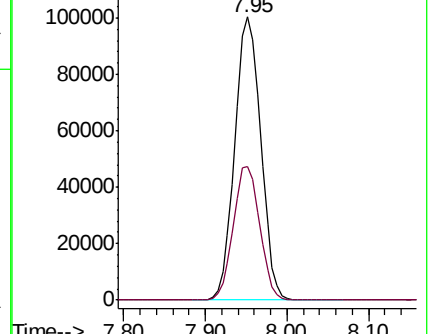
168 100

99 47.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.951 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW006683.D

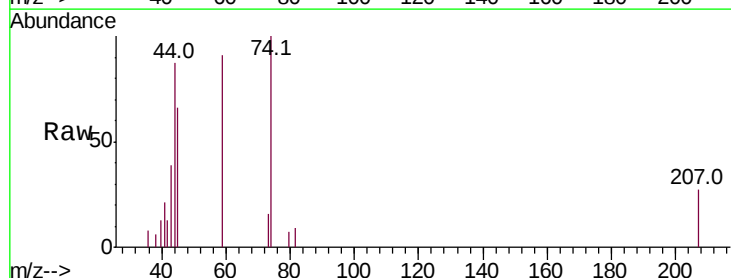
Acq: 06 Nov 2018 13:58

Tgt Ion: 74 Resp: 1856

Ion Ratio Lower Upper

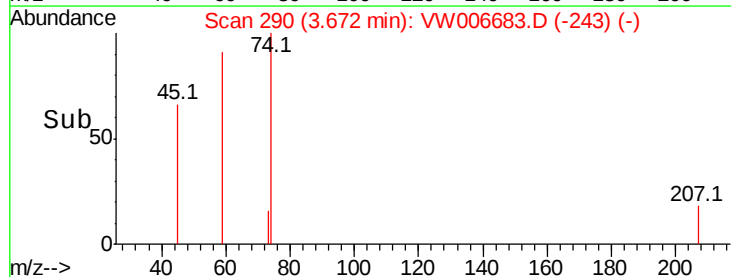
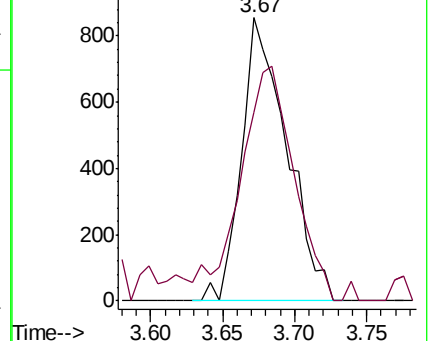
74 100

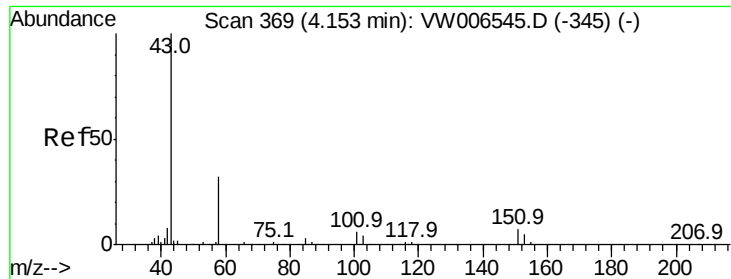
45 98.6 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

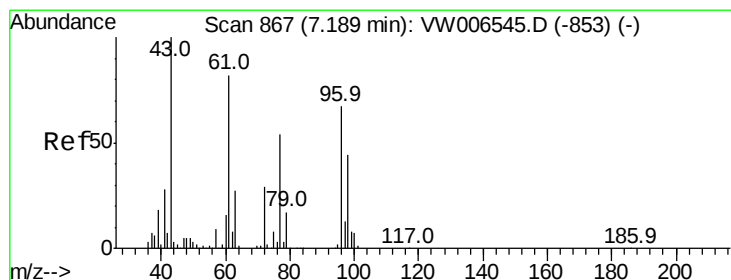
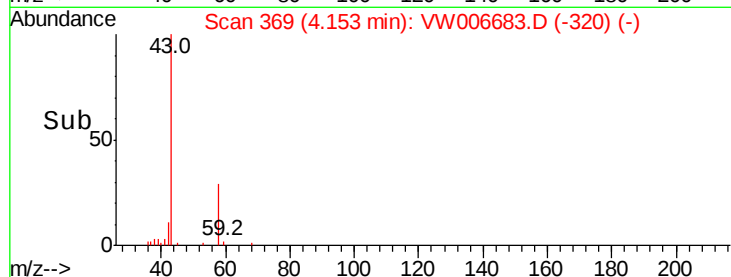
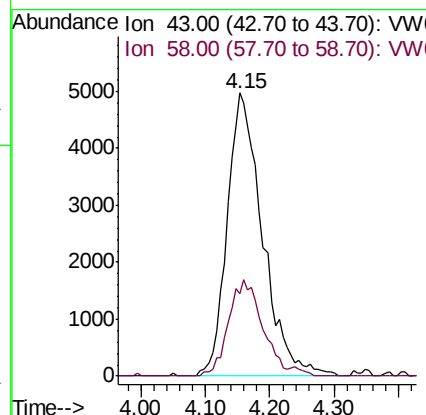
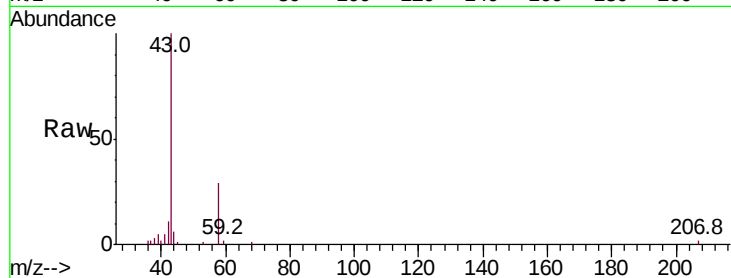




#16
Acetone
Concen: 62.368 ug/l
RT: 4.15 min Scan# 369
Delta R.T. 0.00 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

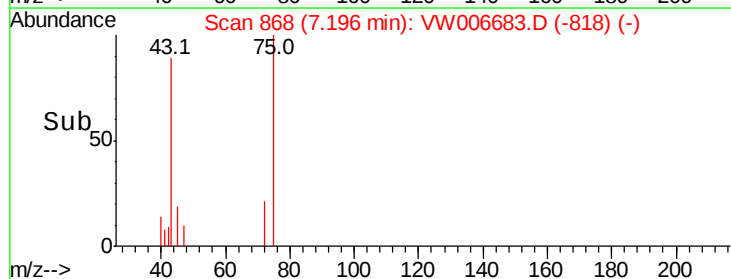
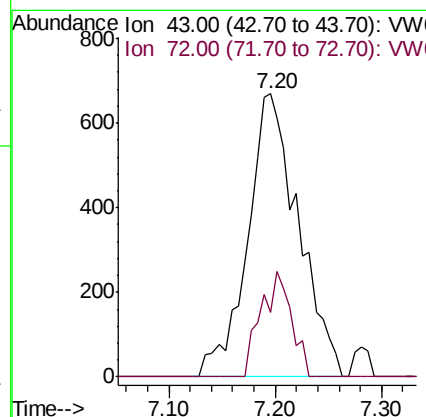
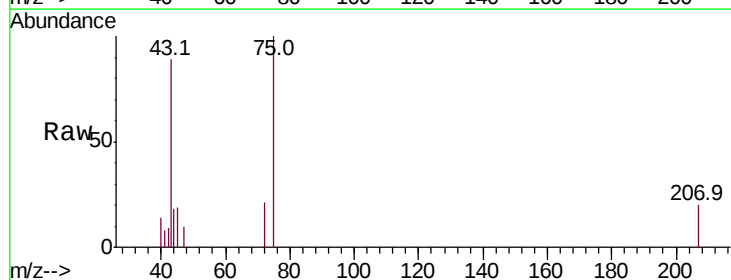
Instrument :
MSVOA_W
ClientSampled :
TP-11-S

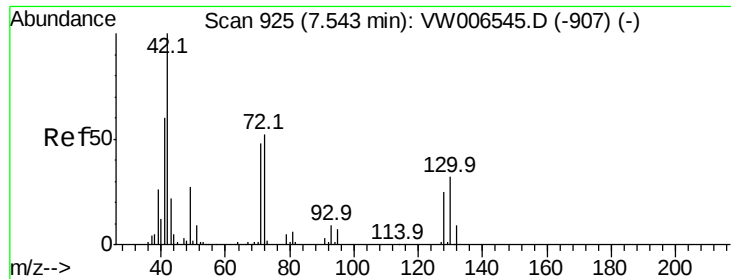
Tot Ion: 43 Resp: 19043
Ion Ratio Lower Upper
43 100
58 29.3 25.8 38.8



#25
2-Butanone
Concen: 5.111 ug/l
RT: 7.20 min Scan# 868
Delta R.T. 0.01 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

Tgt Ion: 43 Resp: 2227
Ion Ratio Lower Upper
43 100
72 23.0 23.2 34.8#

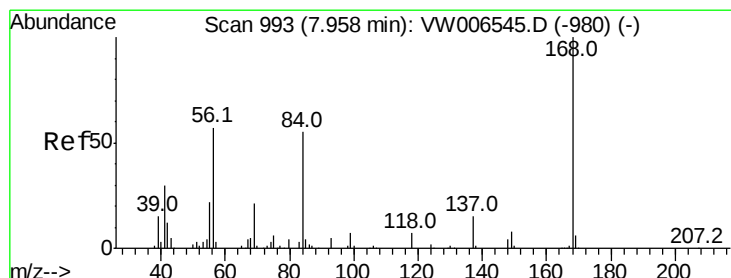
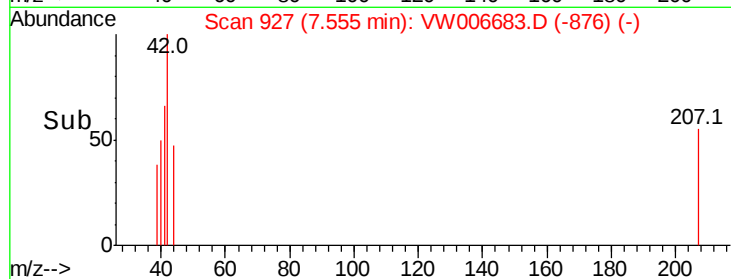
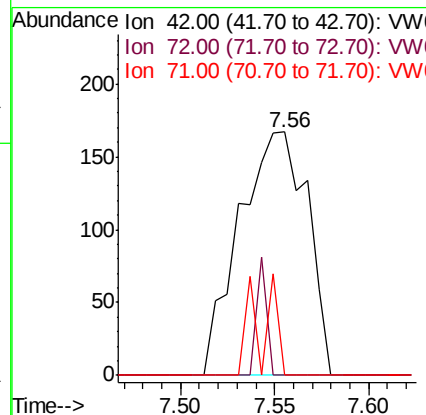
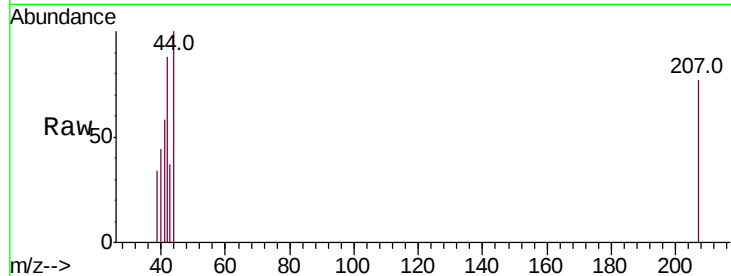




#29
Tetrahydrofuran
Concen: 1.522 ug/l
RT: 7.56 min Scan# 927
Delta R.T. 0.01 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

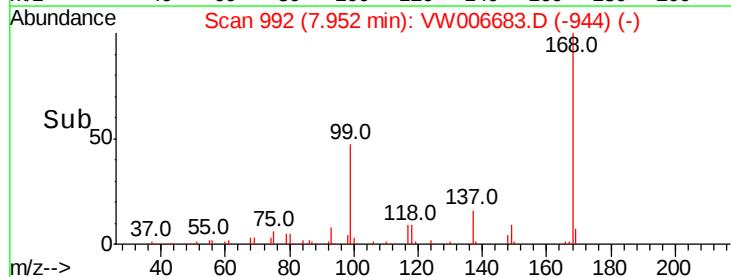
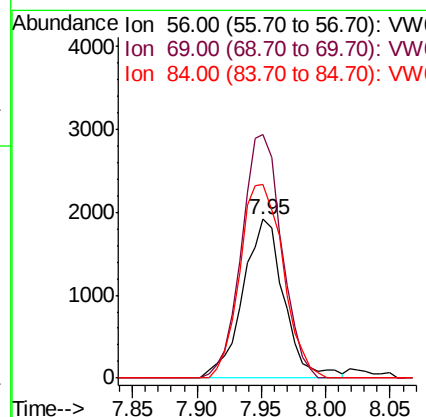
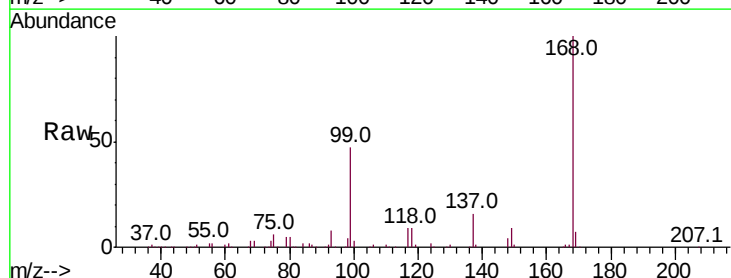
Instrument :
MSVOA_W
ClientSampled :
TP-11-S

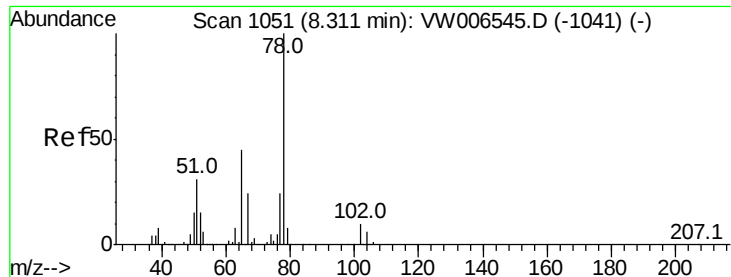
Tot Ion: 42 Resp: 417
Ion Ratio Lower Upper
42 100
72 7.2 39.2 58.8#
71 12.0 37.6 56.4#



#31
Cyclohexane
Concen: 1.402 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

Tgt Ion: 56 Resp: 4223
Ion Ratio Lower Upper
56 100
69 153.4 29.0 43.4#
84 121.8 77.8 116.6#

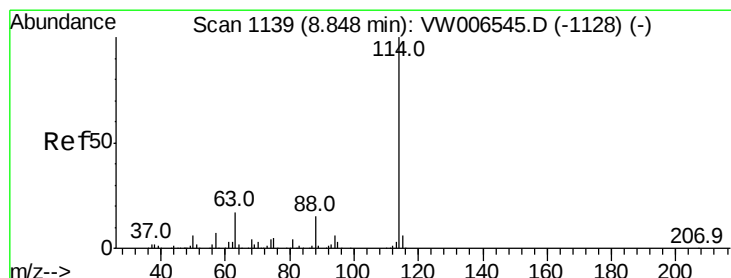
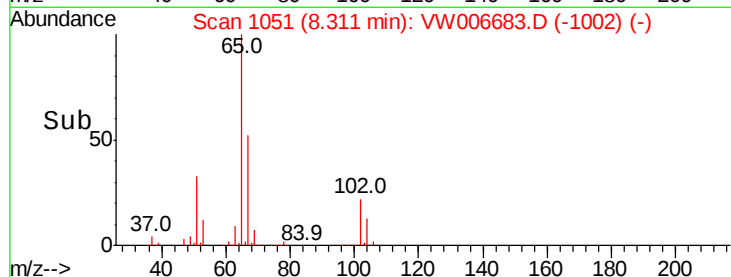
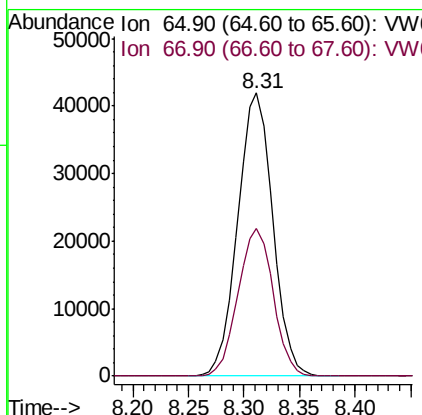
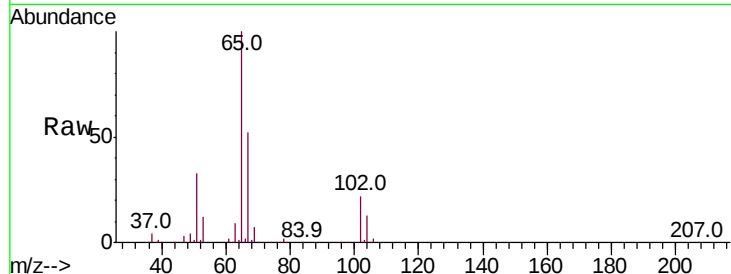




#33
 1,2-Dichloroethane-d4
 Concen: 48.581 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006683.D
 Acq: 06 Nov 2018 13:58

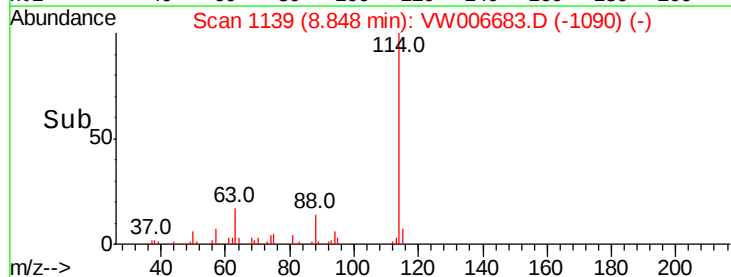
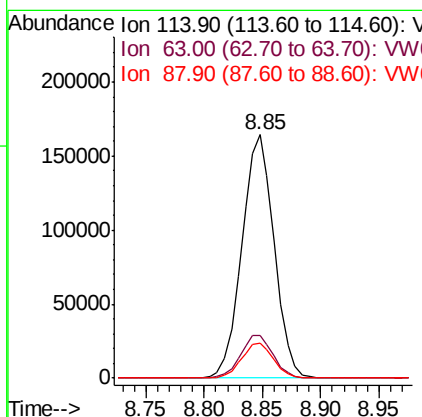
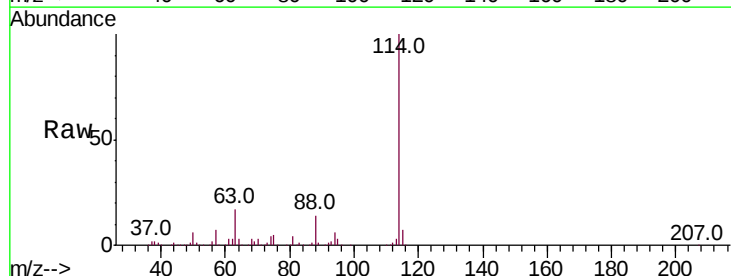
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-11-S

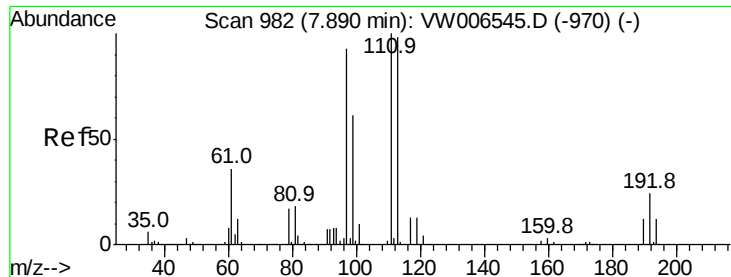
Tot Ion: 65 Resp: 91876
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006683.D
 Acq: 06 Nov 2018 13:58

Tgt Ion: 114 Resp: 316913
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.4
 88 14.3 0.0 29.0

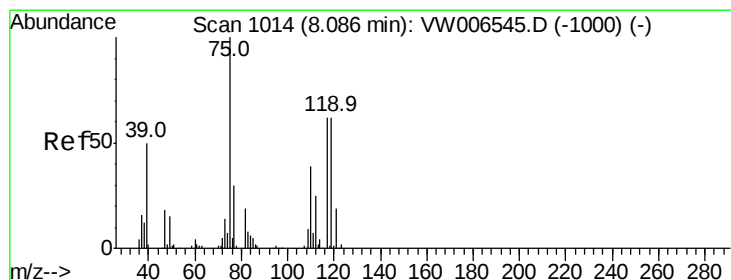
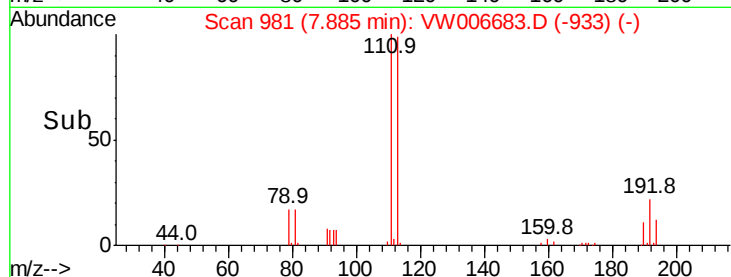
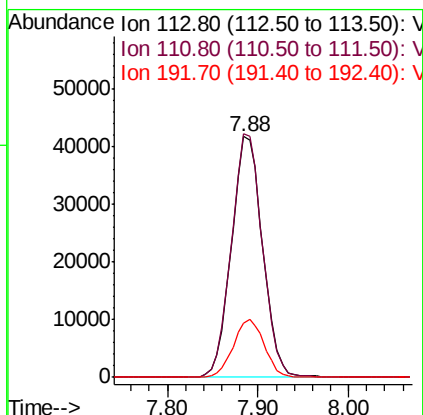
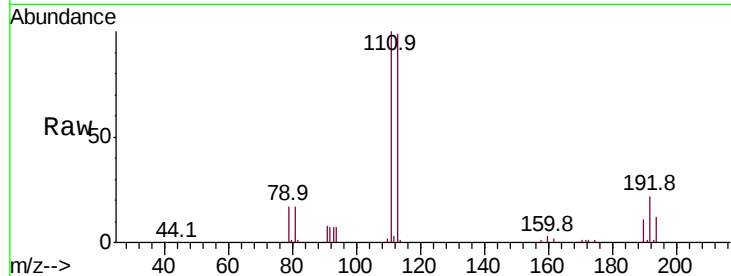




#35
 Dibromofluoromethane
 Concen: 49.998 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006683.D
 Acq: 06 Nov 2018 13:58

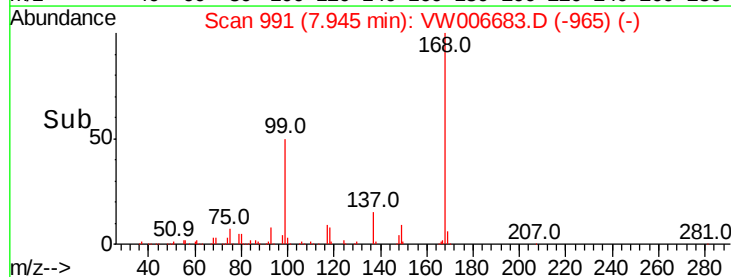
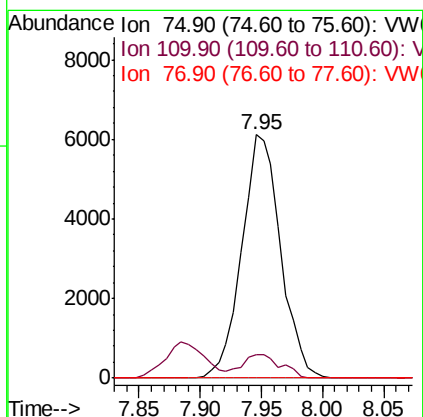
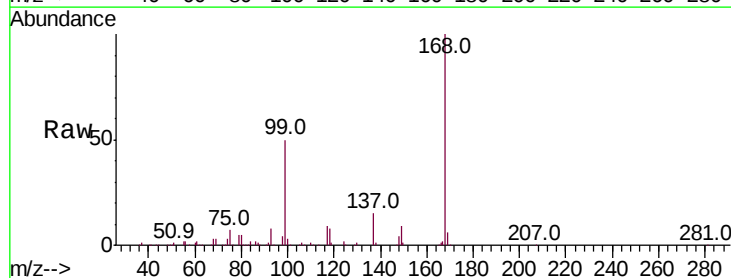
Instrument :
 MSVOA_W
 ClientSampled :
 TP-11-S

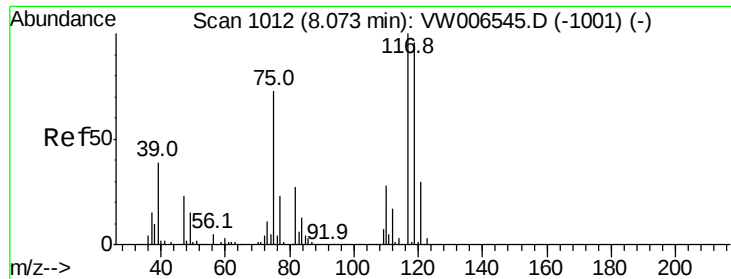
Tot Ion:113 Resp: 99441
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.2 123.2
 192 23.8 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.830 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006683.D
 Acq: 06 Nov 2018 13:58

Tgt Ion: 75 Resp: 13461
 Ion Ratio Lower Upper
 75 100
 110 9.7 19.5 58.5#
 77 0.0 24.6 37.0#

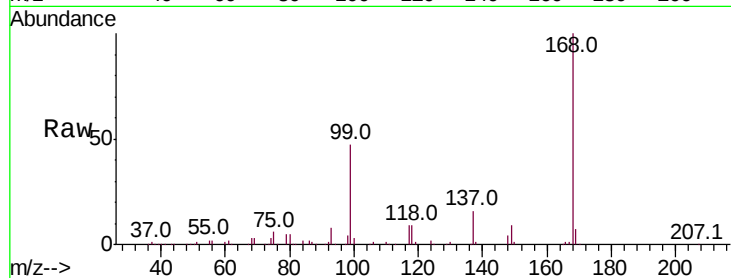




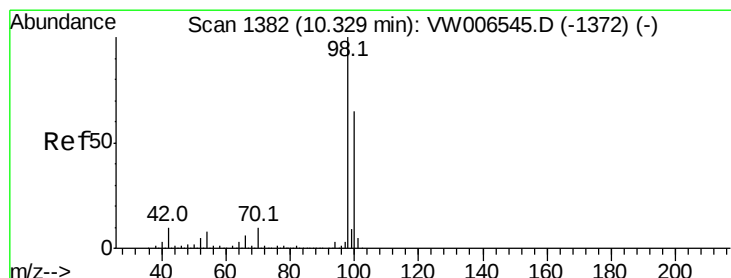
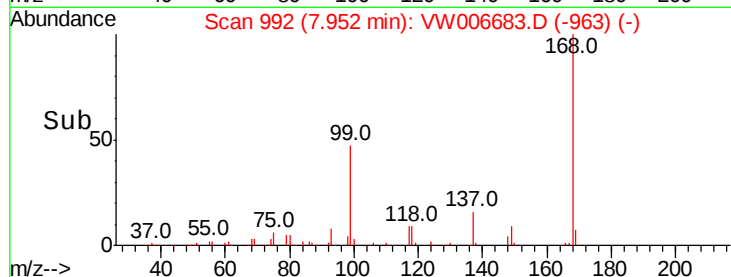
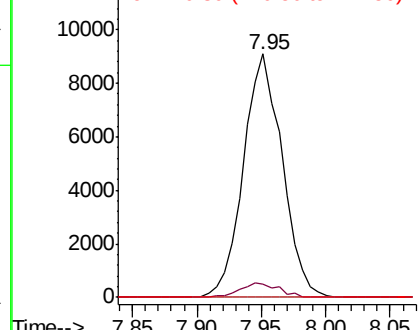
#38
Carbon Tetrachloride
Concen: 6.499 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
TP-11-S

Tot Ion:117 Resp: 18926
Ion Ratio Lower Upper
117 100
119 5.6 76.3 114.5#
121 0.0 24.1 36.1#

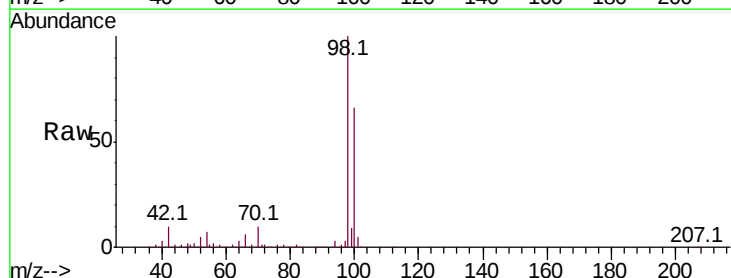


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

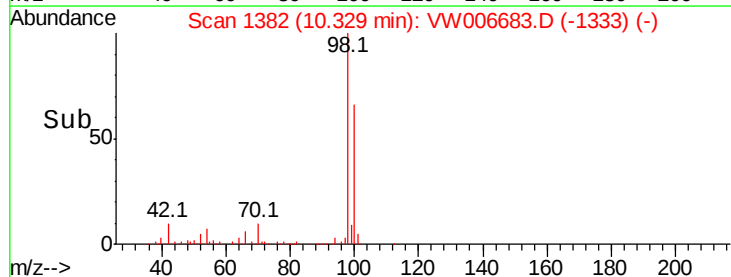
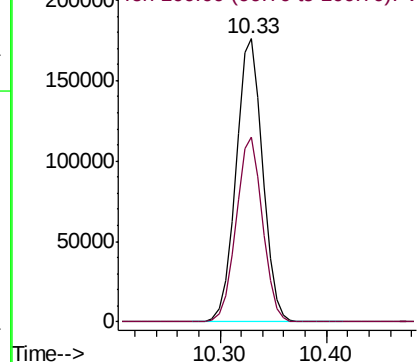


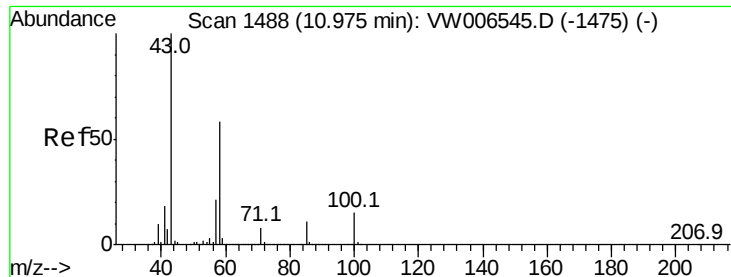
#50
Toluene-d8
Concen: 40.709 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

Tgt Ion: 98 Resp: 308223
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

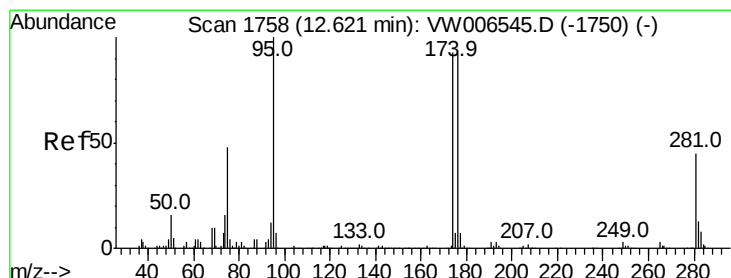
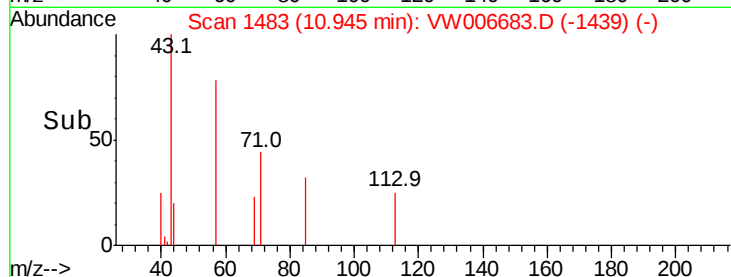
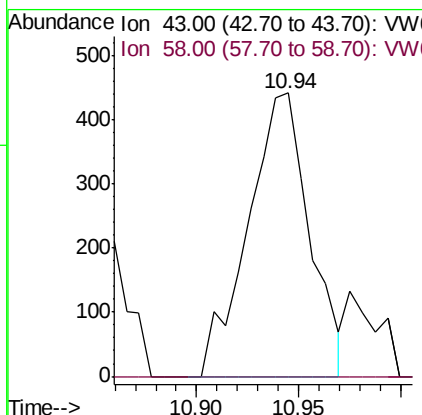
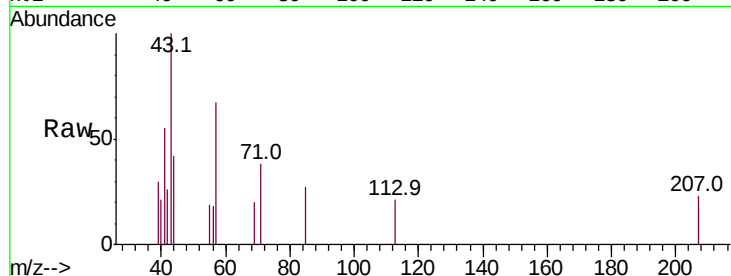




#59
2-Hexanone
Concen: 1.374 ug/l
RT: 10.94 min Scan# 1483
Delta R.T. -0.03 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

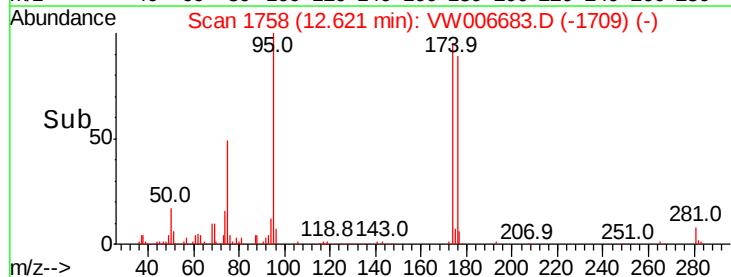
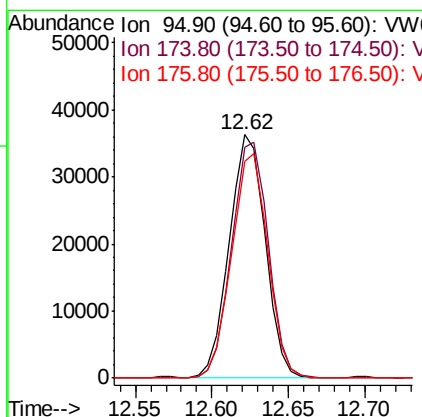
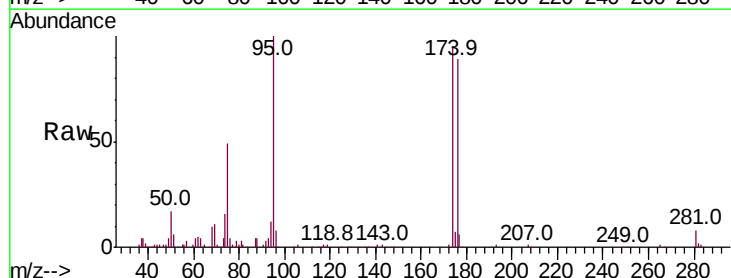
Instrument :
MSVOA_W
ClientSampleId :
TP-11-S

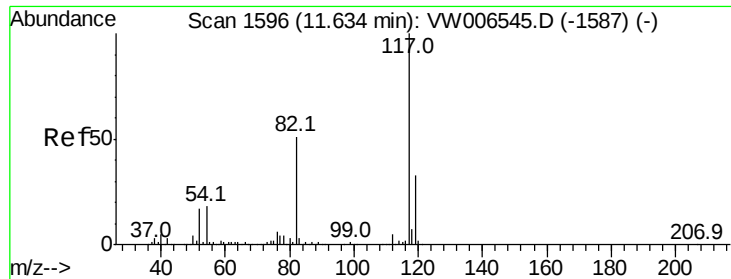
Tot Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
58 0.0 28.8 86.4#



#62
4-Bromofluorobenzene
Concen: 21.453 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

Tgt Ion: 95 Resp: 58885
Ion Ratio Lower Upper
95 100
174 99.1 0.0 192.4
176 93.5 0.0 187.4

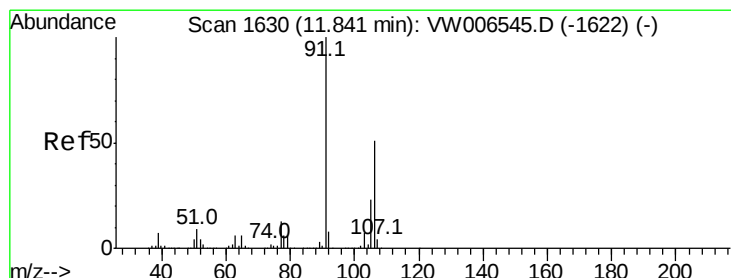
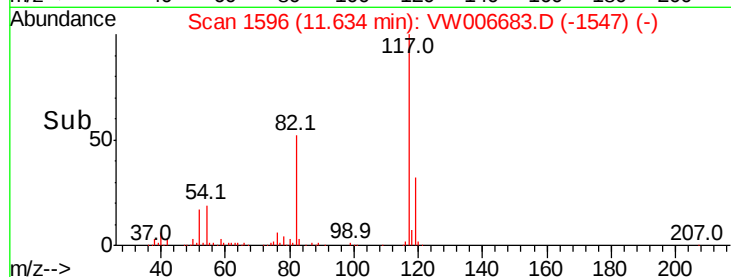
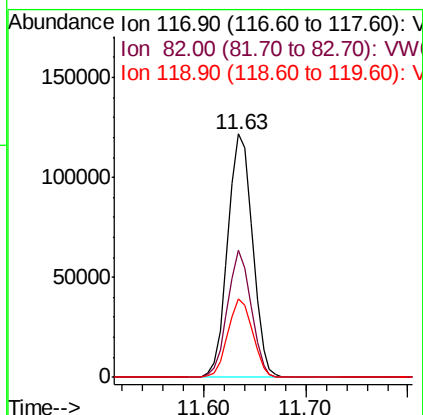
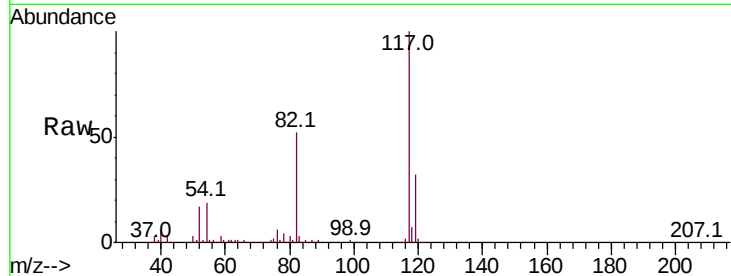




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

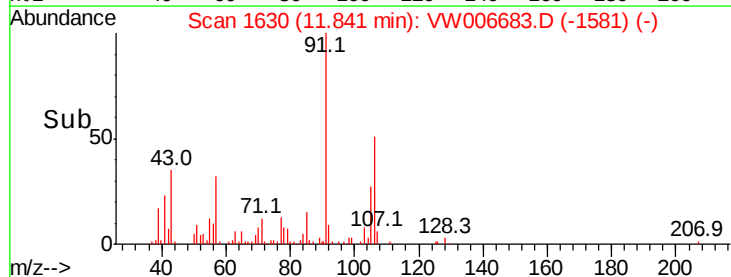
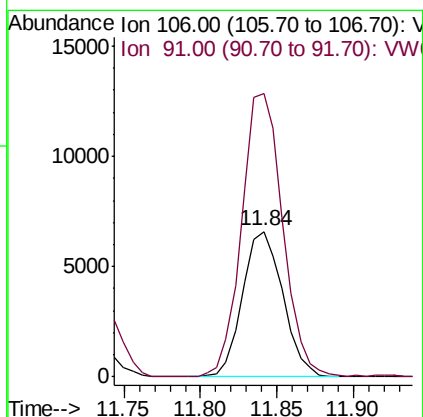
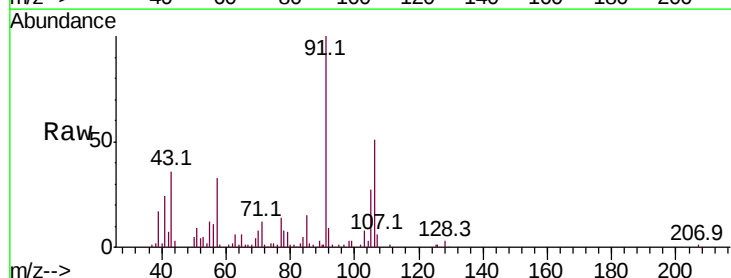
Instrument :
MSVOA_W
ClientSampleId :
TP-11-S

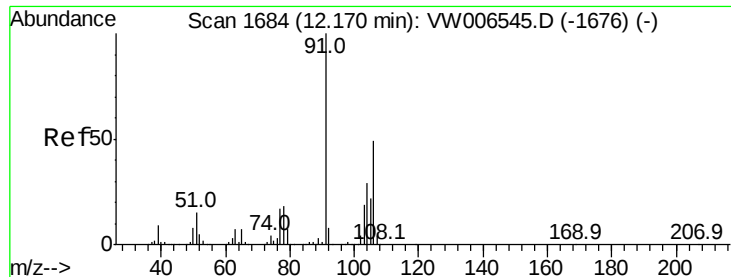
Tot Ion:117 Resp: 204589
Ion Ratio Lower Upper
117 100
82 52.2 40.8 61.2
119 32.4 26.1 39.1



#68
m/p-Xylenes
Concen: 4.205 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

Tgt Ion:106 Resp: 12089
Ion Ratio Lower Upper
106 100
91 198.3 156.7 235.1

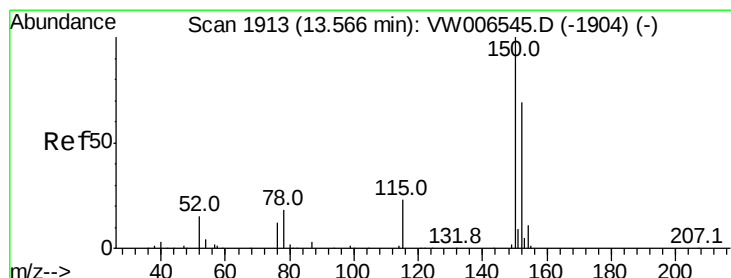
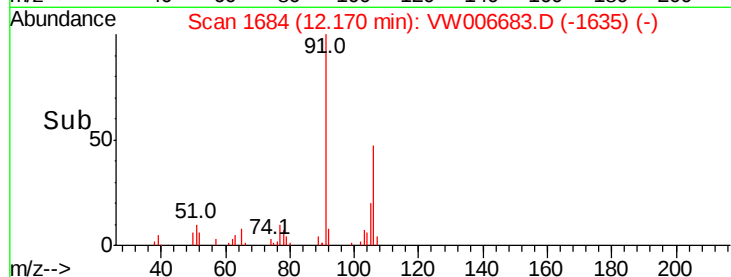
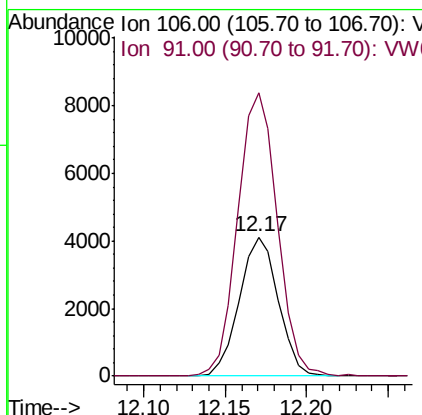
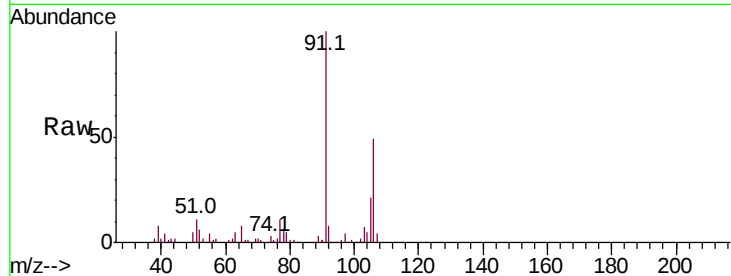




#69
o-Xylene
Concen: 2.499 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

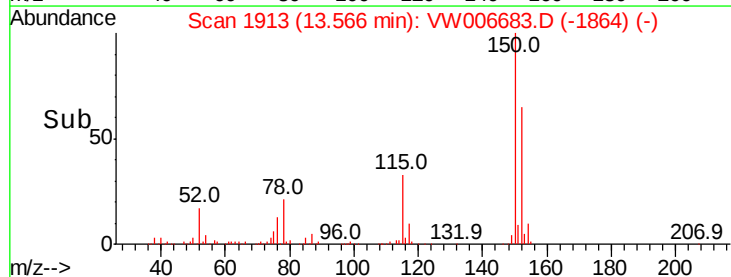
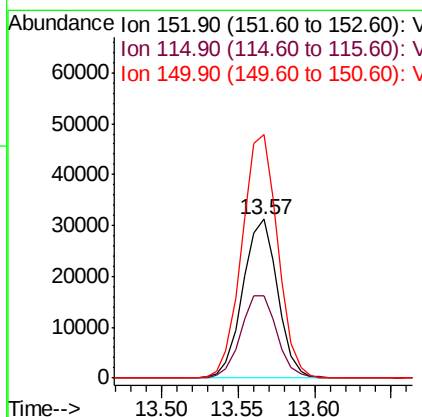
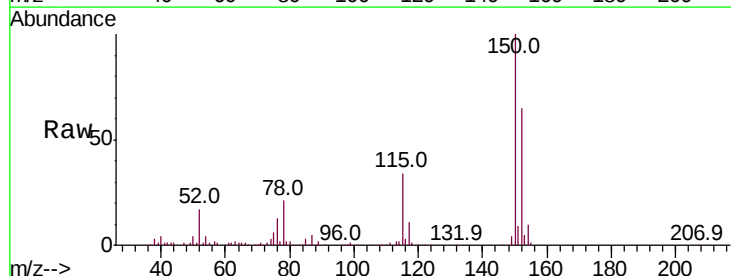
Instrument :
MSVOA_W
ClientSampleId :
TP-11-S

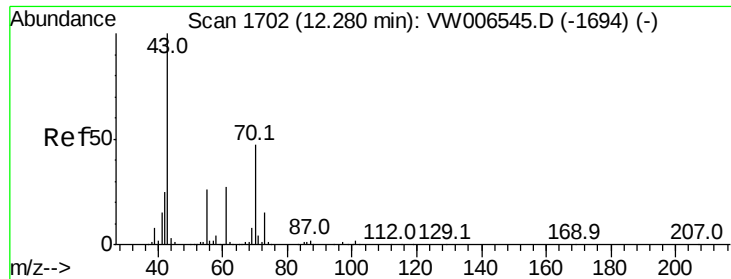
Tot Ion:106 Resp: 6839
Ion Ratio Lower Upper
106 100
91 207.3 102.8 308.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

Tgt Ion:152 Resp: 49270
Ion Ratio Lower Upper
152 100
115 54.1 26.6 79.8
150 157.4 0.0 344.6

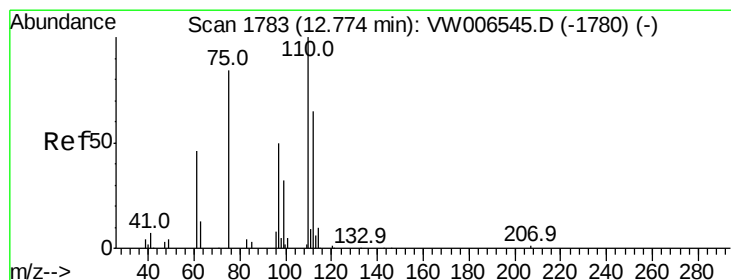
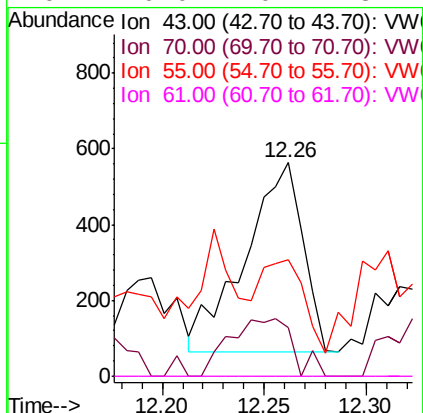
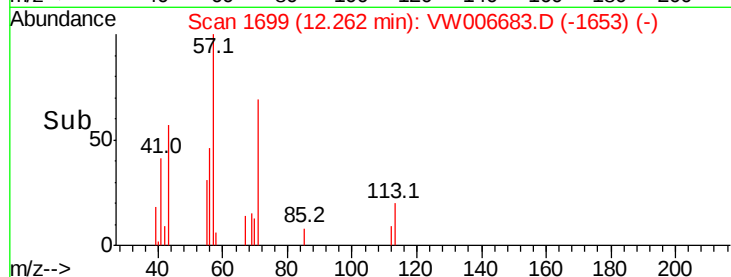
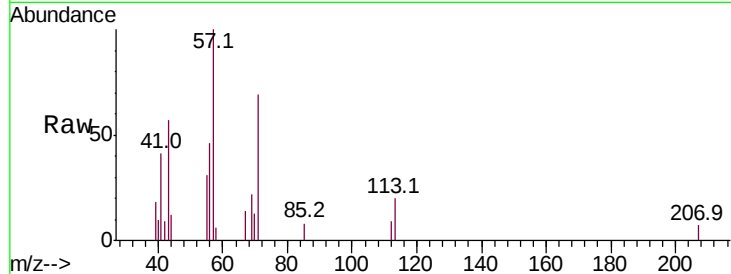




#74
N-amvl acetate
Concen: 1.760 ug/l
RT: 12.26 min Scan# 1699
Delta R.T. -0.02 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

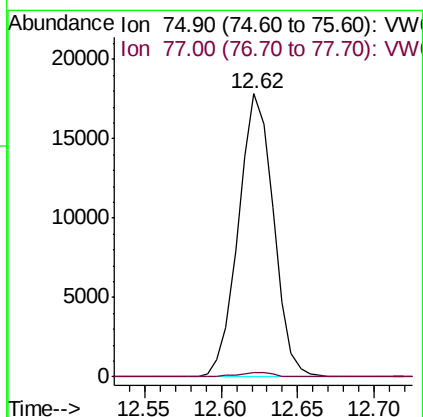
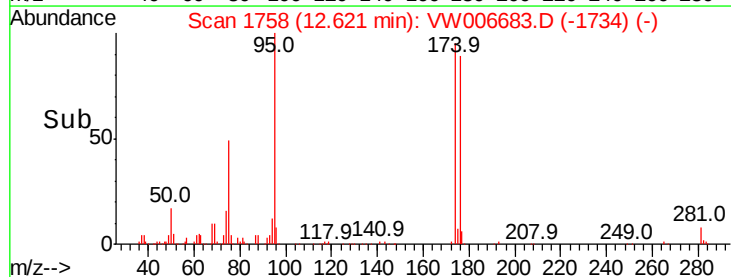
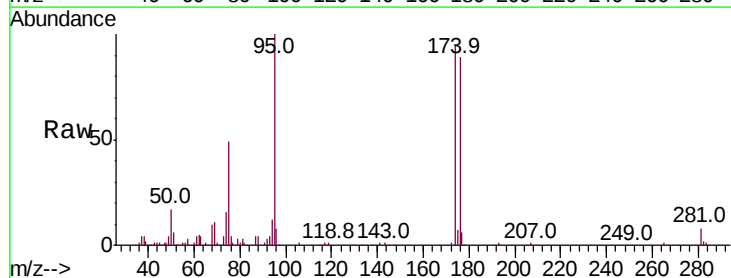
Instrument :
MSVOA_W
ClientSampled :
TP-11-S

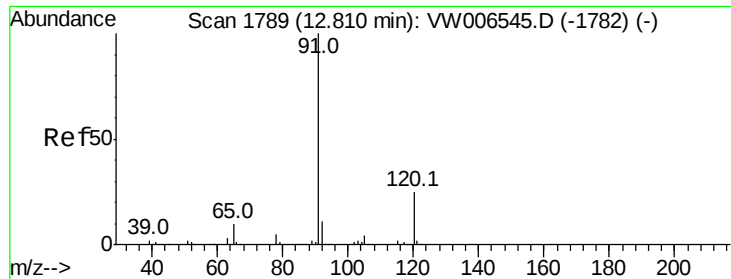
Tot Ion: 43 Resp: 987
Ion Ratio Lower Upper
43 100
70 33.7 36.9 55.3#
55 36.1 20.7 31.1#
61 0.0 20.7 31.1#



#76
1,2,3-Trichloropropane
Concen: 73.841 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

Tgt Ion: 75 Resp: 28386
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#78

n-propylbenzene

Concen: 1.145 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006683.D

Acq: 06 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

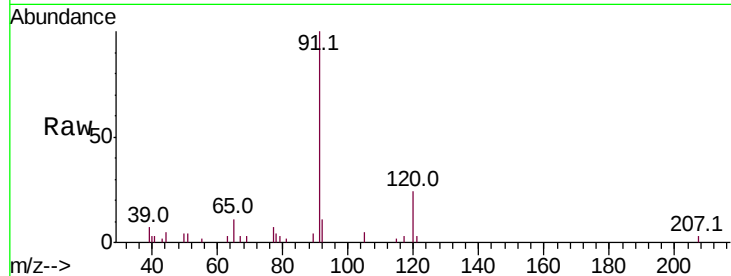
TP-11-S

Tot Ion: 91 Resp: 4274

Ion Ratio Lower Upper

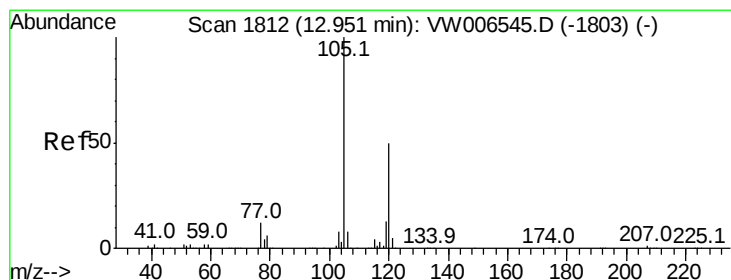
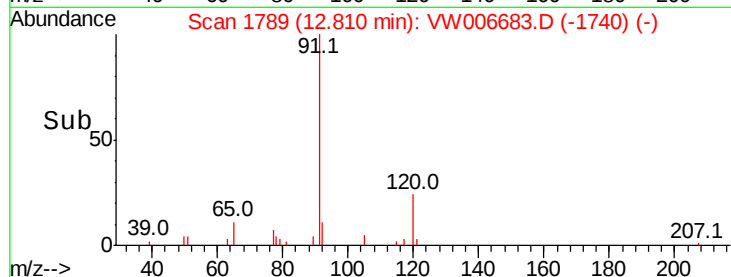
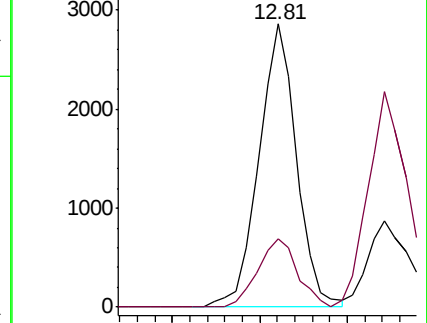
91 100

120 25.4 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 3.960 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006683.D

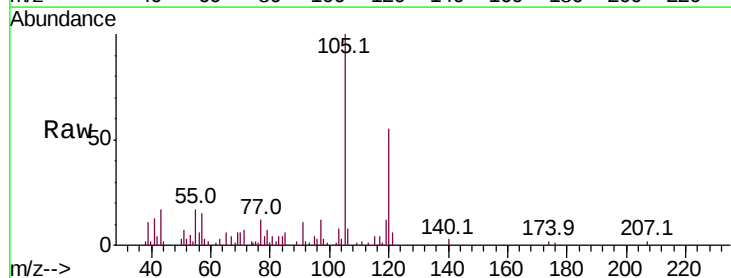
Acq: 06 Nov 2018 13:58

Tgt Ion: 105 Resp: 10797

Ion Ratio Lower Upper

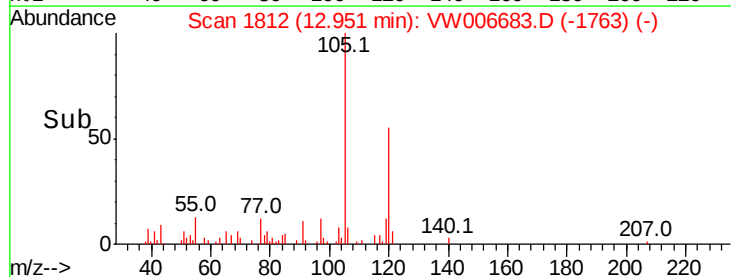
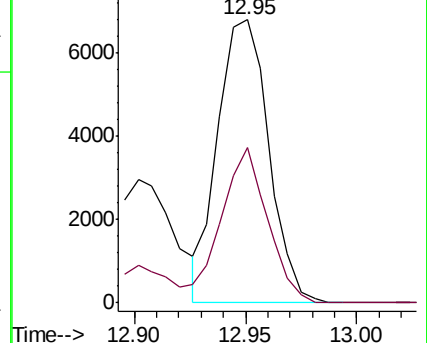
105 100

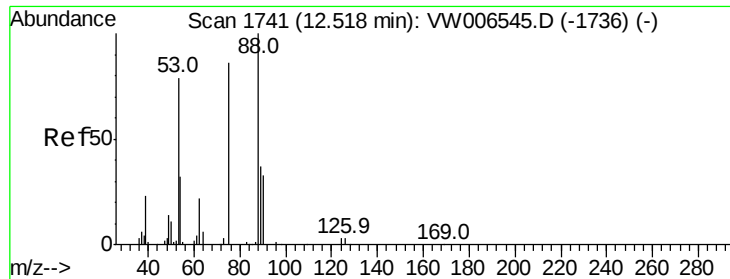
120 50.5 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 183.713 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006683.D

Acq: 06 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

TP-11-S

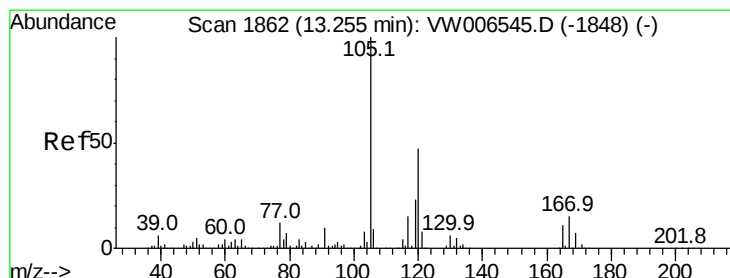
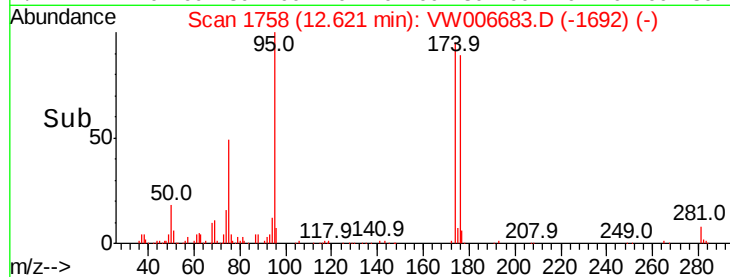
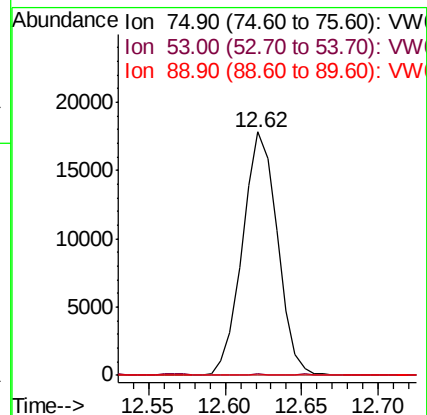
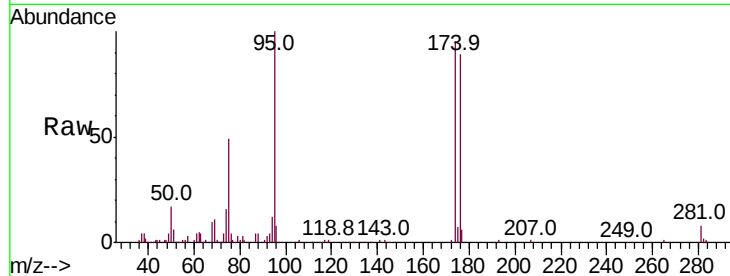
Tot Ion: 75 Resp: 28386

Ion Ratio Lower Upper

75 100

53 0.2 77.2 115.8#

89 0.0 38.6 58.0#



#84

1,2,4-Trimethylbenzene

Concen: 6.818 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006683.D

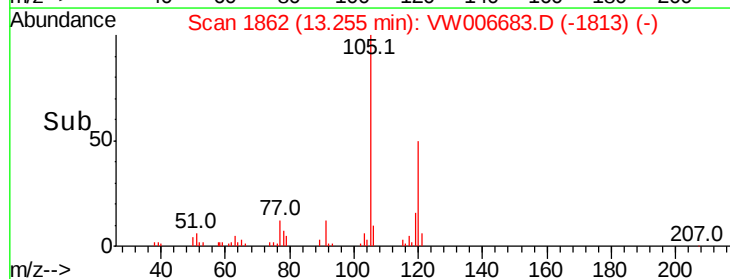
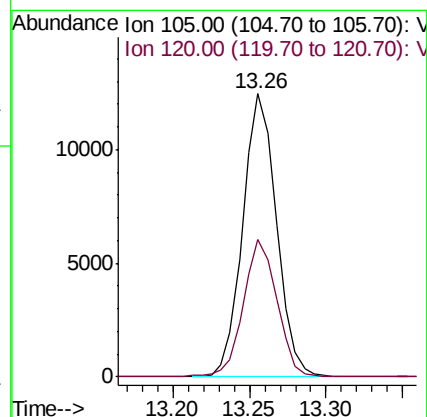
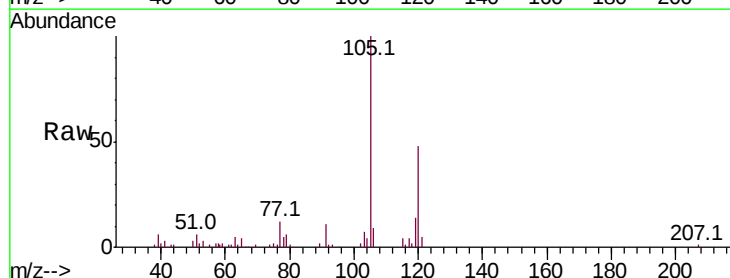
Acq: 06 Nov 2018 13:58

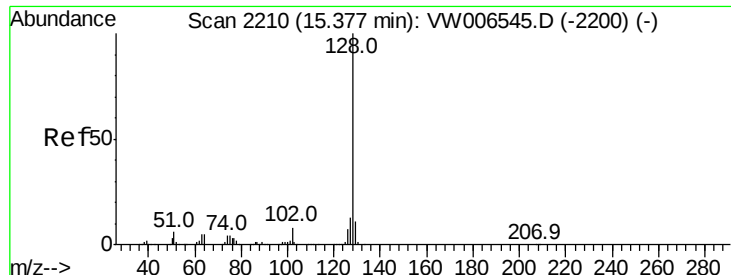
Tgt Ion: 105 Resp: 19069

Ion Ratio Lower Upper

105 100

120 48.3 23.2 69.6





#95
Naphthalene
Concen: 1.428 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
TP-11-S

Tot Ion:128 Resp: 2541
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 13.9 8.7 13.1#

