

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110818\
 Data File : VW006778.D
 Acq On : 08 Nov 2018 20:33
 Operator : SY/AP
 Sample : J5813-07RE
 Misc : 6.03G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-GRE

Quant Time: Nov 09 11:15:56 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	246814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	363261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	136557	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	166403	78.43	ug/l	0.00
Spiked Amount			Recovery	=	156.86%	
35) Dibromofluoromethane	7.88	113	167550	73.49	ug/l	0.00
Spiked Amount			Recovery	=	146.98%	
50) Toluene-d8	10.33	98	561550	64.71	ug/l	0.00
Spiked Amount			Recovery	=	129.42%	
62) 4-Bromofluorobenzene	12.62	95	166847	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	

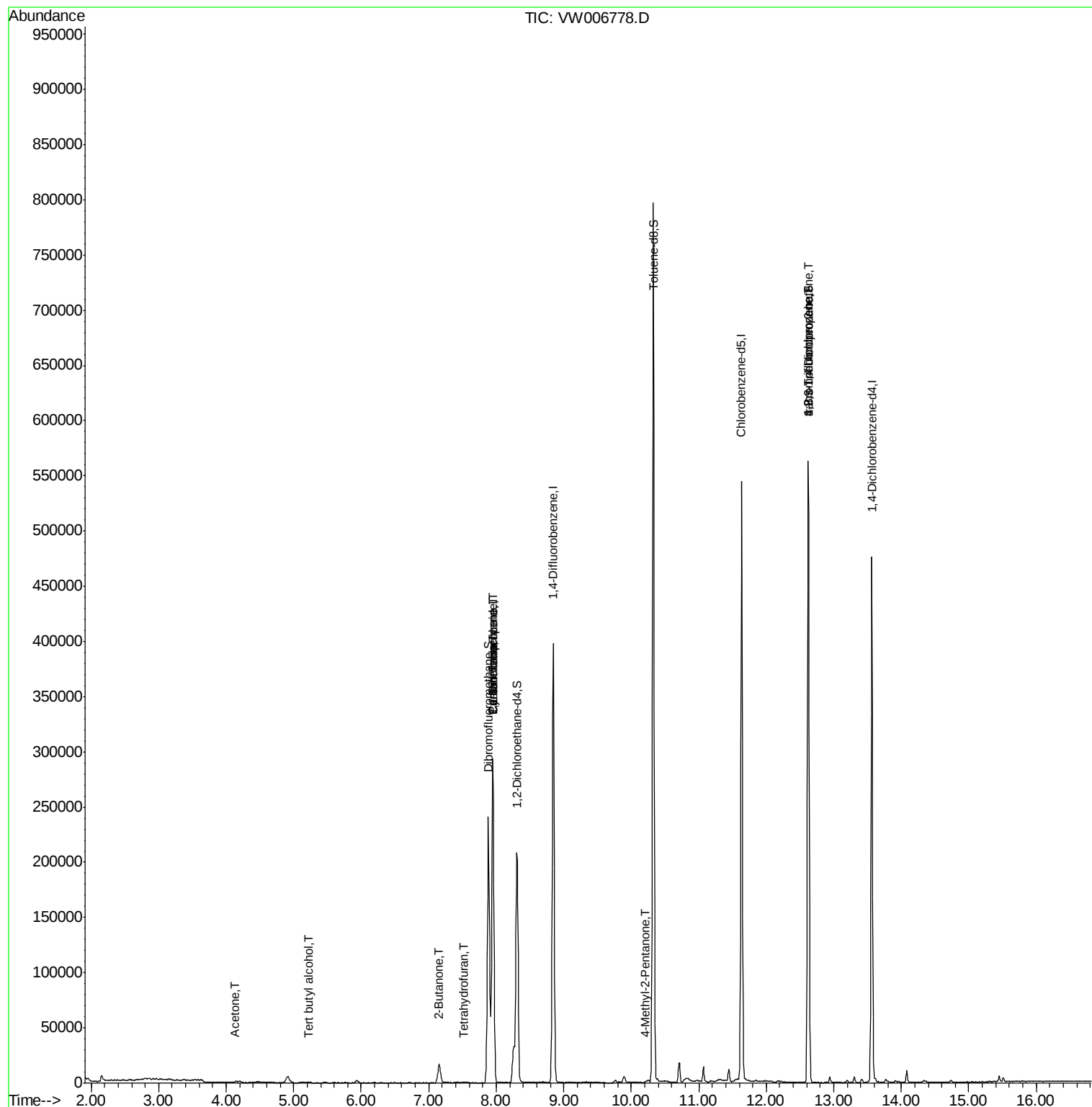
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	388	3.394	ug/l #	84
16) Acetone	4.14	43	2455	7.167	ug/l	100
20) Methylene Chloride	4.90	84	5286	Below Cal		97
25) 2-Butanone	7.16	43	1032	2.111	ug/l #	46
29) Tetrahydrofuran	7.52	42	333	1.083	ug/l #	29
31) Cyclohexane	7.95	56	4238	1.254	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	14816	4.638	ug/l #	48
38) Carbon Tetrachloride	7.95	117	21572	6.462	ug/l #	16
51) 4-Methyl-2-Pentanone	10.22	43	1222	1.077	ug/l #	83
76) 1,2,3-Trichloropropane	12.62	75	80647	75.692	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	80647	188.251	ug/l #	11

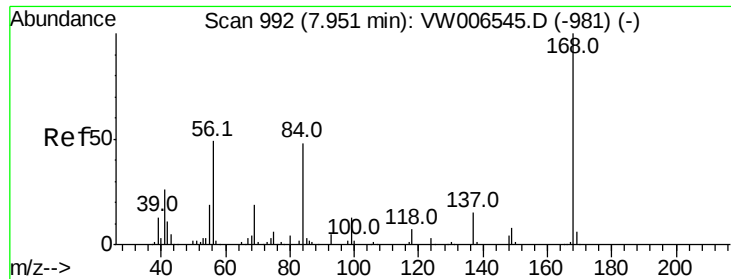
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006778.D

Acq: 08 Nov 2018 20:33

Instrument :

MSVOA_W

ClientSampleId :

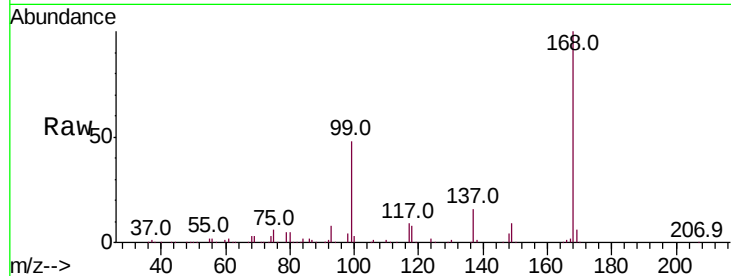
TS-GRE

Tot Ion:168 Resp: 246814

Ion Ratio Lower Upper

168 100

99 47.9 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

120000

100000

80000

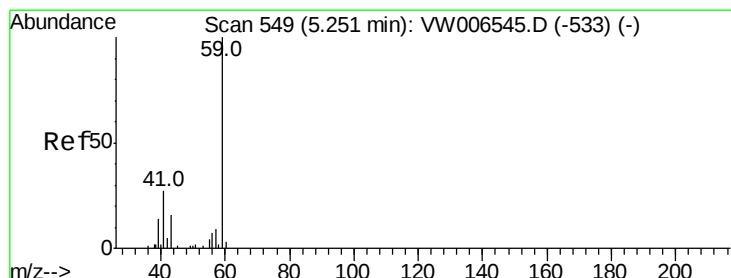
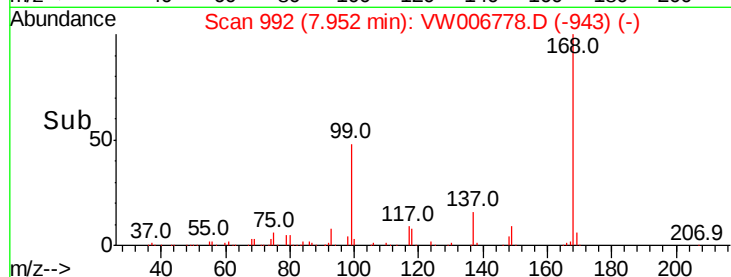
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 3.394 ug/l

RT: 5.23 min Scan# 545

Delta R.T. -0.02 min

Lab File: VW006778.D

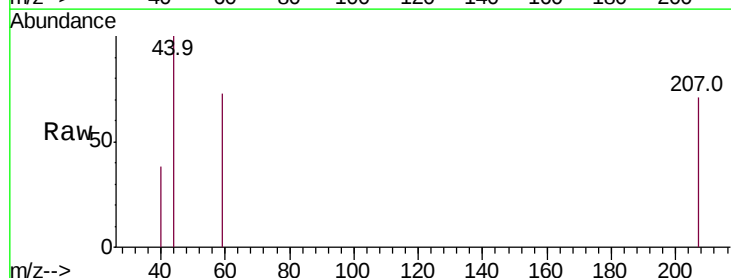
Acq: 08 Nov 2018 20:33

Tgt Ion: 59 Resp: 388

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

5.23

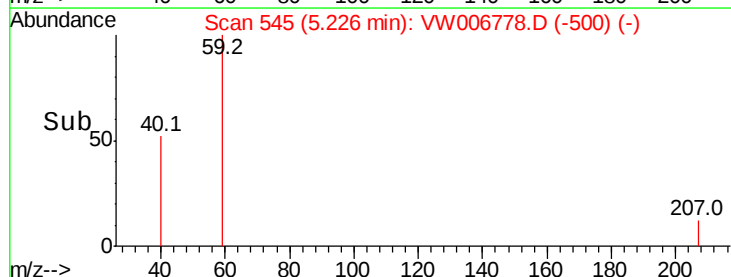
150

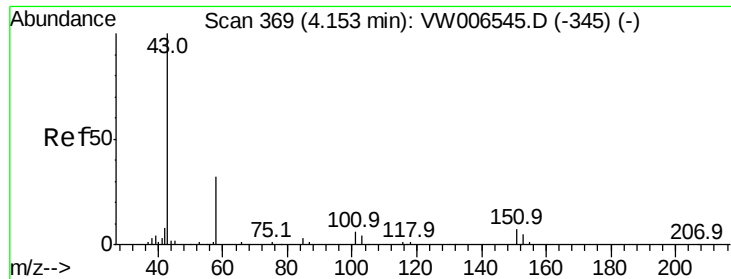
100

50

0

Time--> 5.15 5.20 5.25

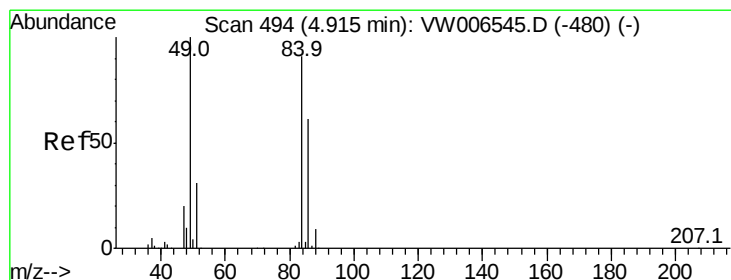
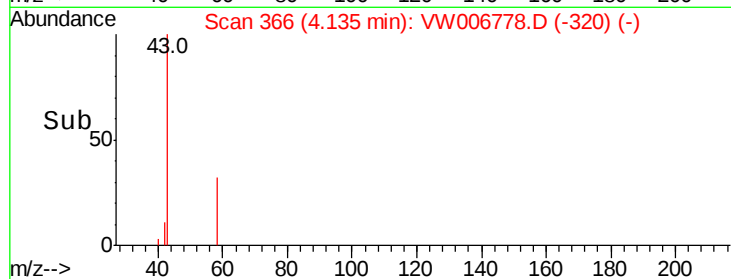
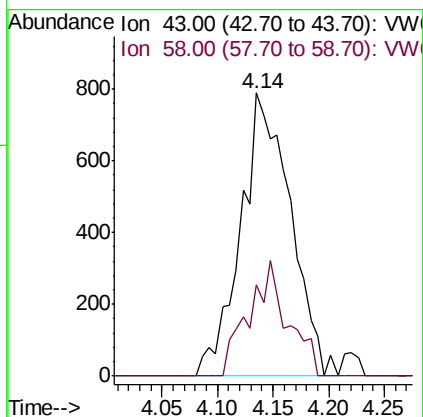
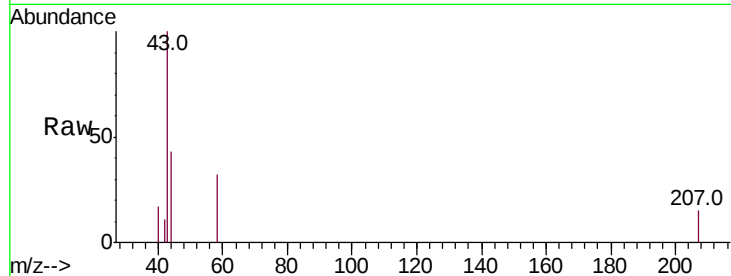




#16
Acetone
Concen: 7.167 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.02 min
Lab File: VW006778.D
Acq: 08 Nov 2018 20:33

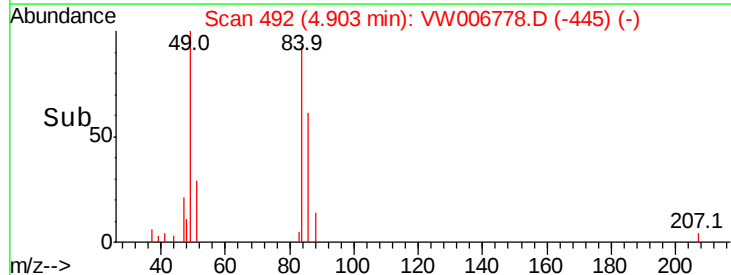
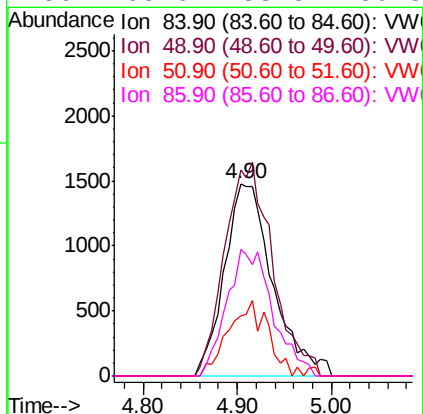
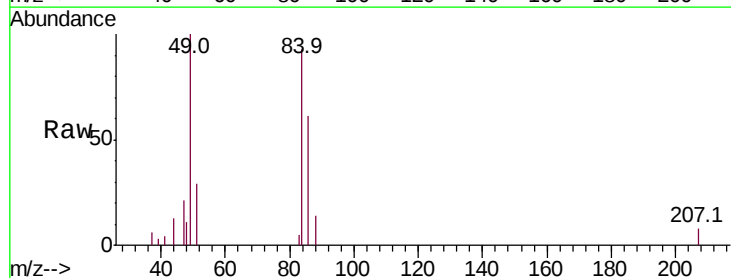
Instrument :
MSVOA_W
ClientSampleId :
TS-GRE

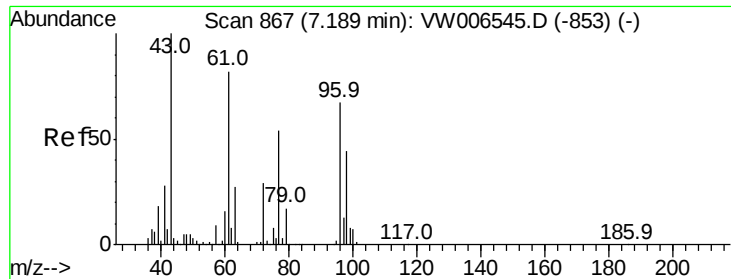
Tot Ion: 43 Resp: 2455
Ion Ratio Lower Upper
43 100
58 32.1 25.8 38.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW006778.D
Acq: 08 Nov 2018 20:33

Tgt Ion: 84 Resp: 5286
Ion Ratio Lower Upper
84 100
49 107.0 88.2 132.4
51 31.4 27.0 40.6
86 65.6 53.8 80.8





#25

2-Butanone

Concen: 2.111 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.03 min

Lab File: VW006778.D

Acq: 08 Nov 2018 20:33

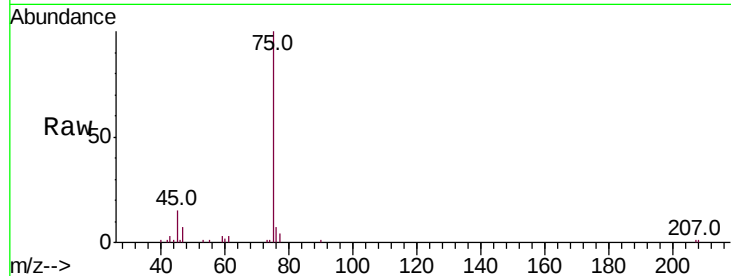
Instrument :
MSVOA_W
ClientSampled :
TS-GRE

Tot Ion: 43 Resp: 1032

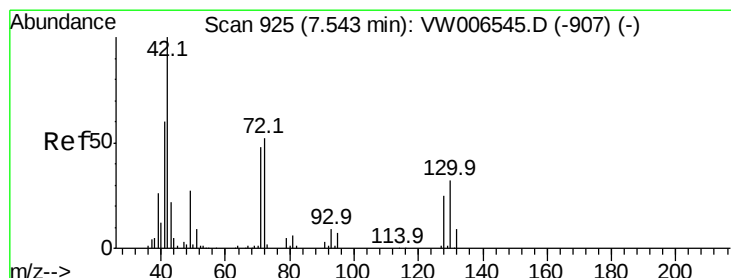
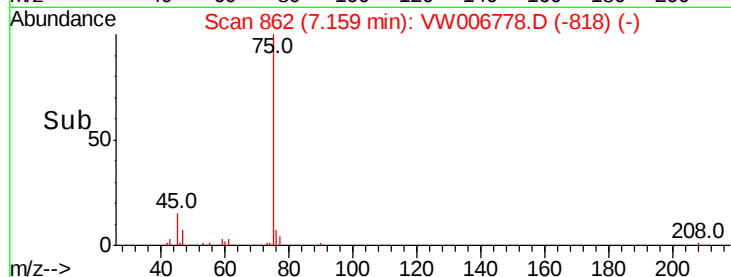
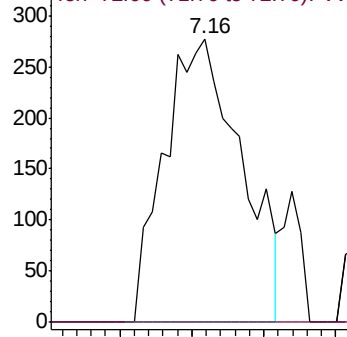
Ion Ratio Lower Upper

43 100

72 0.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.083 ug/l

RT: 7.52 min Scan# 921

Delta R.T. -0.02 min

Lab File: VW006778.D

Acq: 08 Nov 2018 20:33

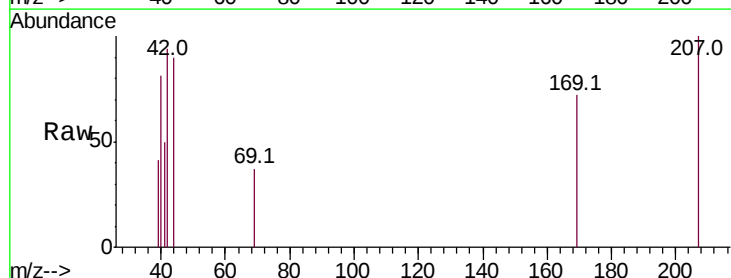
Tgt Ion: 42 Resp: 333

Ion Ratio Lower Upper

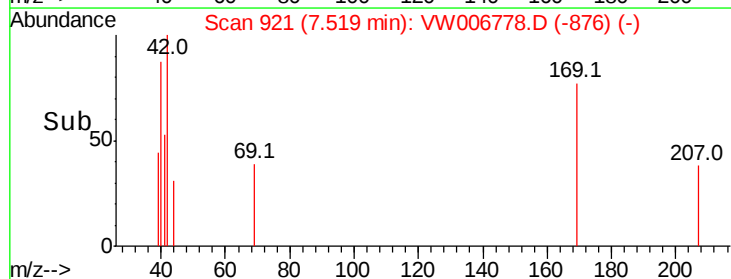
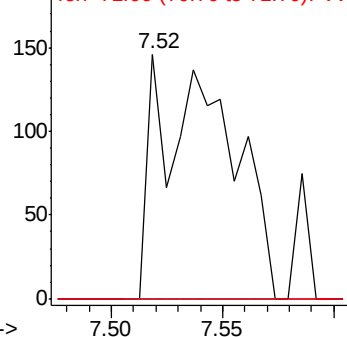
42 100

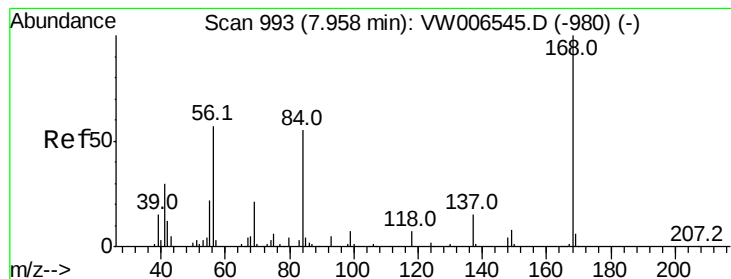
72 0.0 39.2 58.8#

71 0.0 37.6 56.4#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.254 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006778.D

Acq: 08 Nov 2018 20:33

Instrument :

MSVOA_W

ClientSampled :

TS-GRE

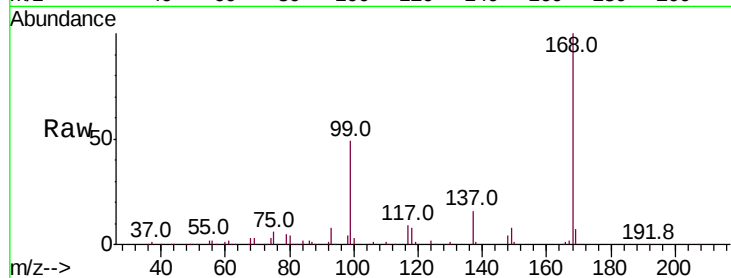
Tot Ion: 56 Resp: 4238

Ion Ratio Lower Upper

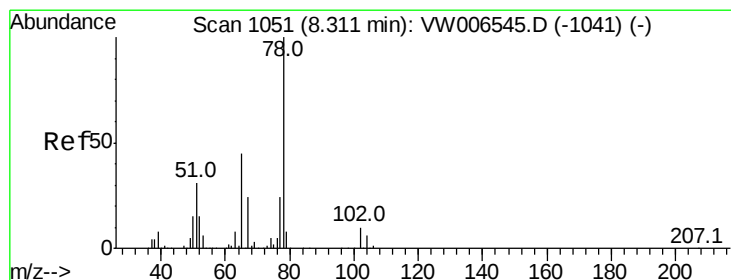
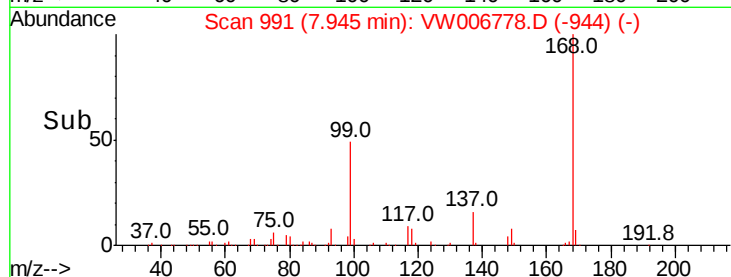
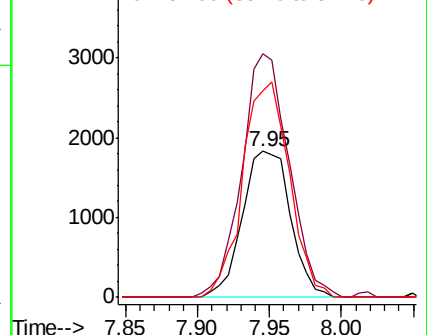
56 100

69 167.0 29.0 43.4#

84 141.5 77.8 116.6#



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: 78.433 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006778.D

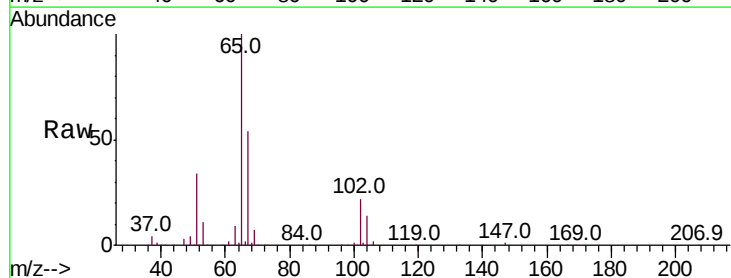
Acq: 08 Nov 2018 20:33

Tgt Ion: 65 Resp: 166403

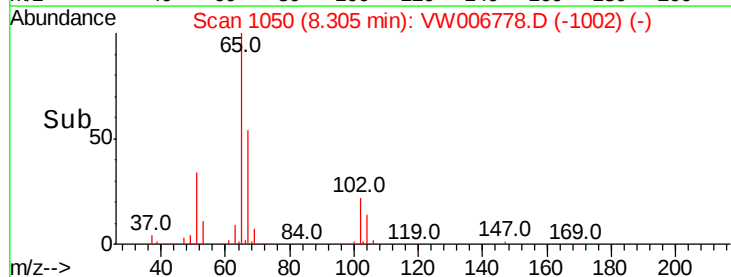
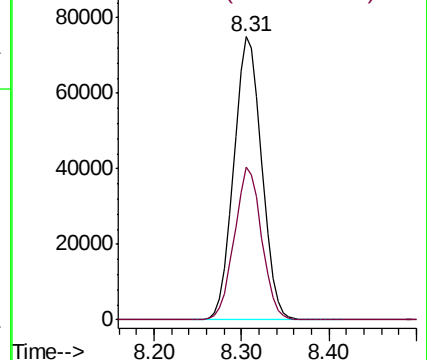
Ion Ratio Lower Upper

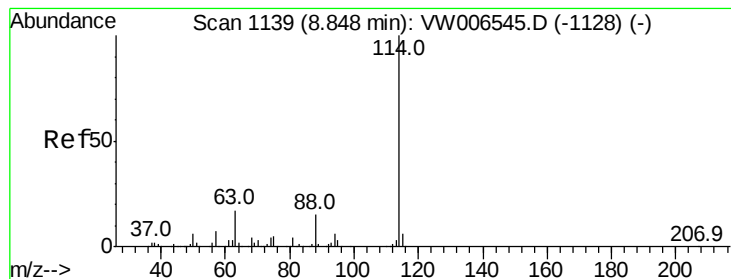
65 100

67 52.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006778.D

Acq: 08 Nov 2018 20:33

Instrument :

MSVOA_W

ClientSampleId :

TS-GRE

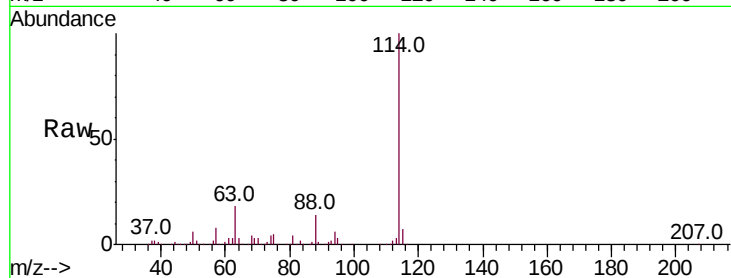
Tot Ion:114 Resp: 363261

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

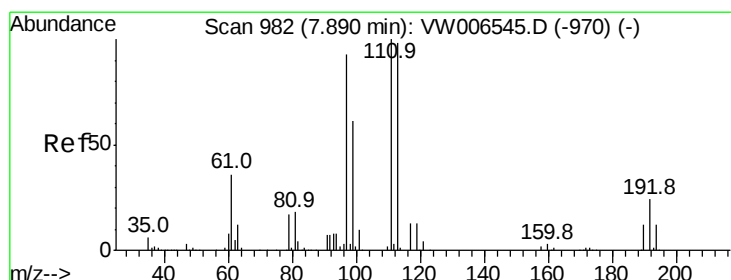
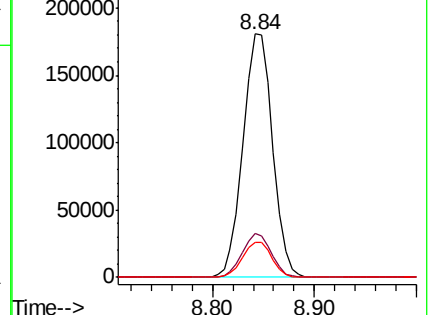
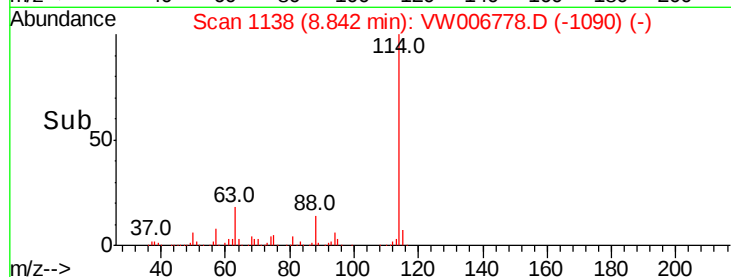
88 14.3 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 73.495 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006778.D

Acq: 08 Nov 2018 20:33

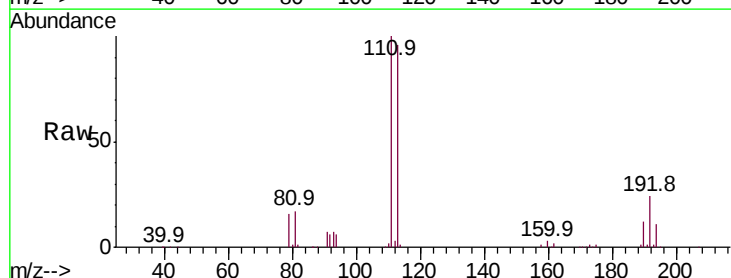
Tgt Ion:113 Resp: 167550

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

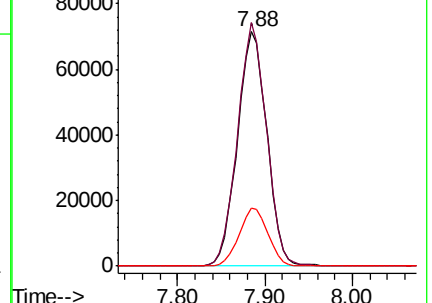
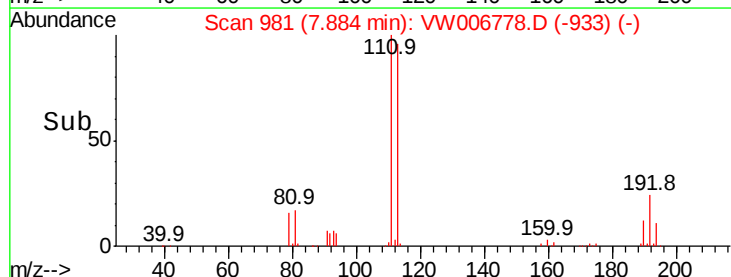
192 24.3 19.0 28.6

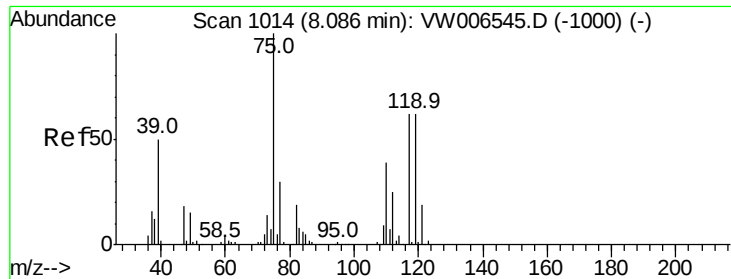


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.638 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006778.D

Acq: 08 Nov 2018 20:33

Instrument :

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ClientSampleId :

TS-GRE

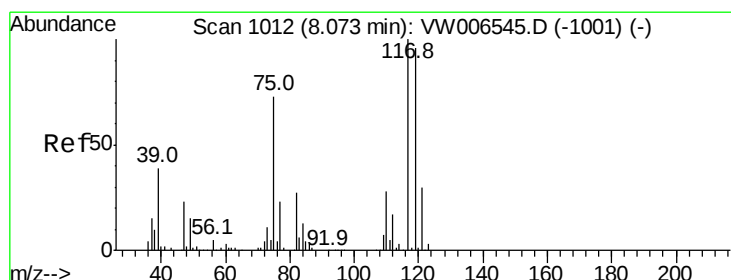
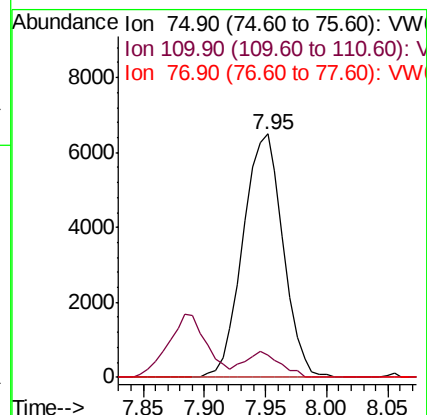
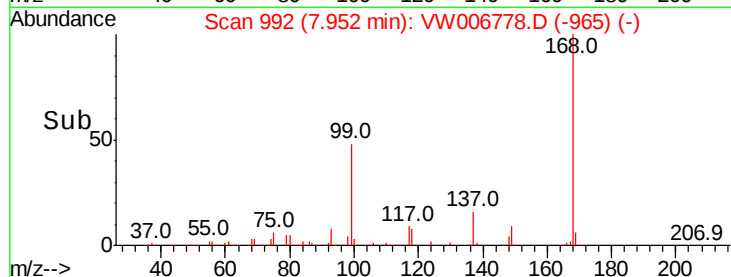
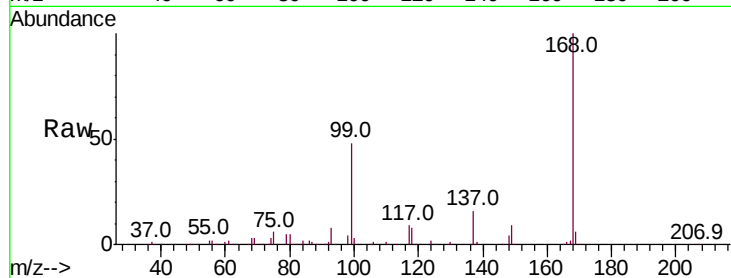
Tot Ion: 75 Resp: 14816

Ion Ratio Lower Upper

75 100

110 9.2 19.5 58.5#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.462 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006778.D

Acq: 08 Nov 2018 20:33

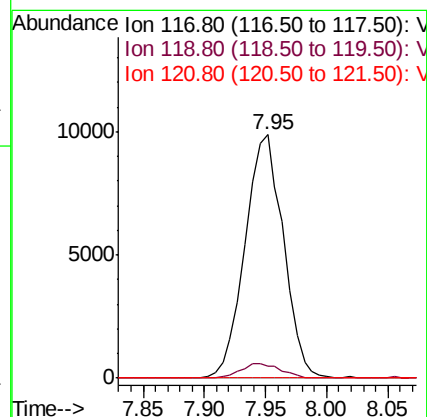
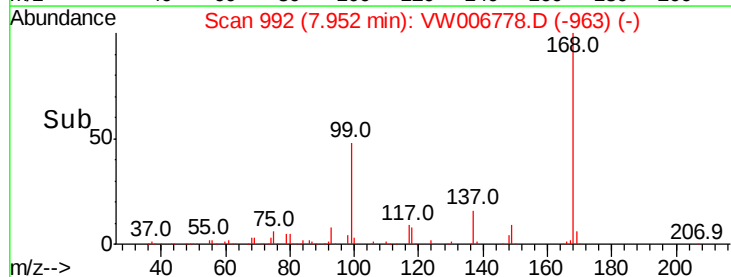
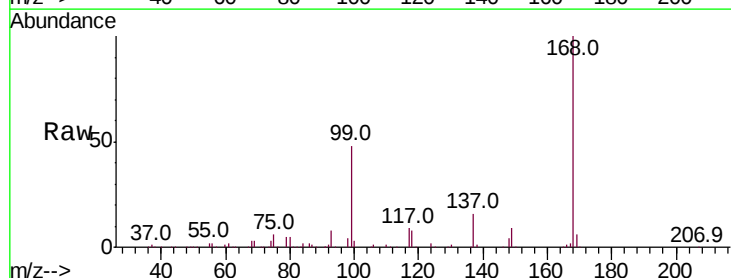
Tgt Ion: 117 Resp: 21572

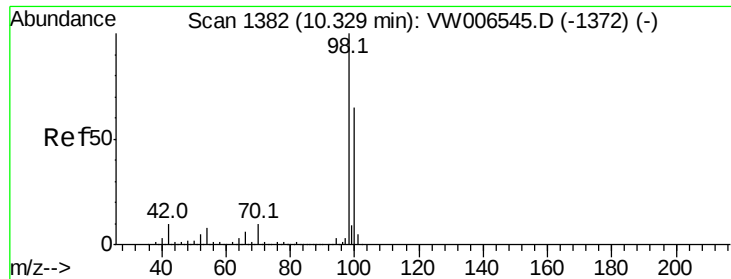
Ion Ratio Lower Upper

117 100

119 5.2 76.3 114.5#

121 0.0 24.1 36.1#

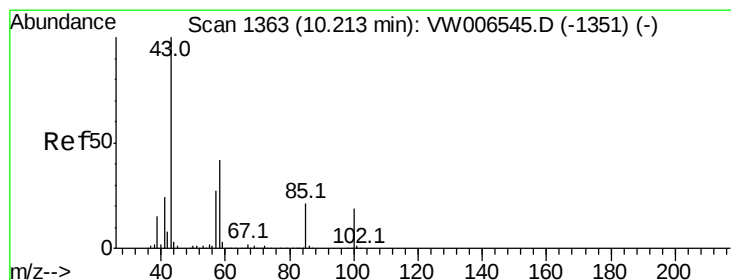
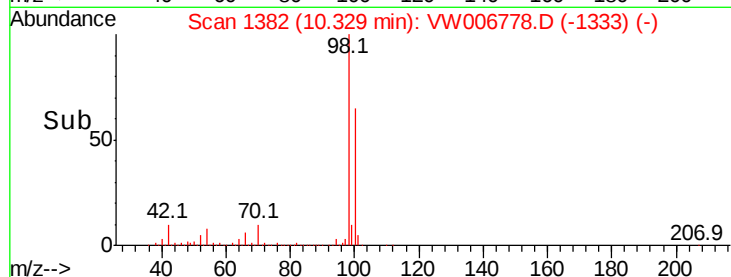
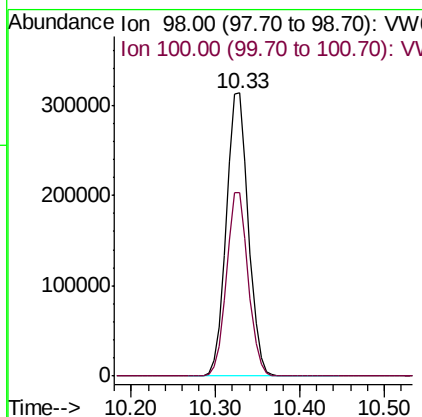
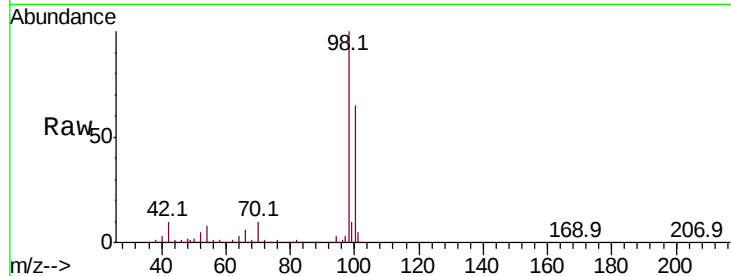




#50
Toluene-d8
Concen: 64.705 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006778.D
Acq: 08 Nov 2018 20:33

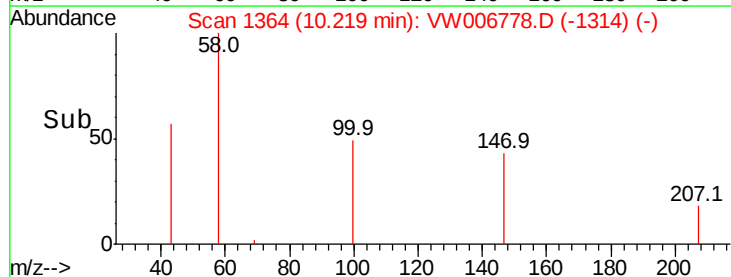
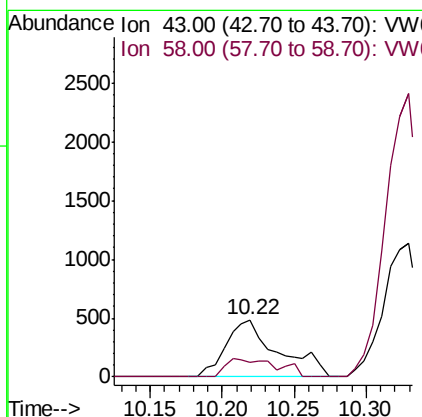
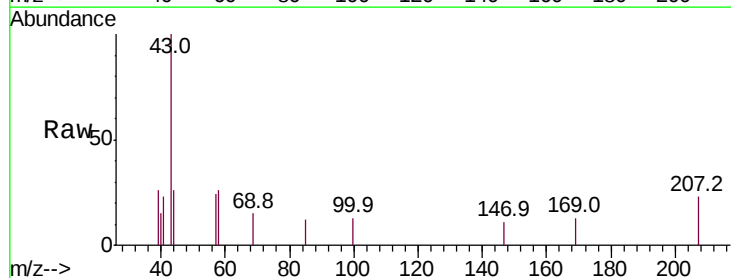
Instrument :
MSVOA_W
ClientSampled :
TS-GRE

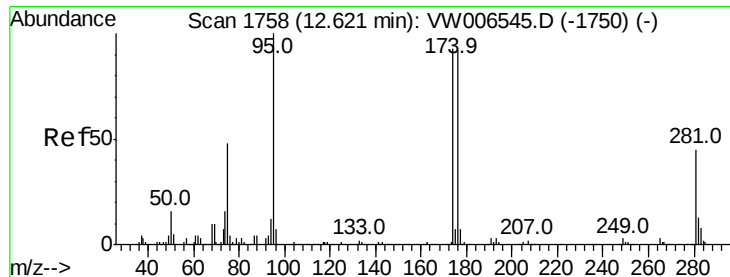
Tot Ion: 98 Resp: 561550
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.077 ug/l
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW006778.D
Acq: 08 Nov 2018 20:33

Tgt Ion: 43 Resp: 1222
Ion Ratio Lower Upper
43 100
58 31.1 33.4 50.0#

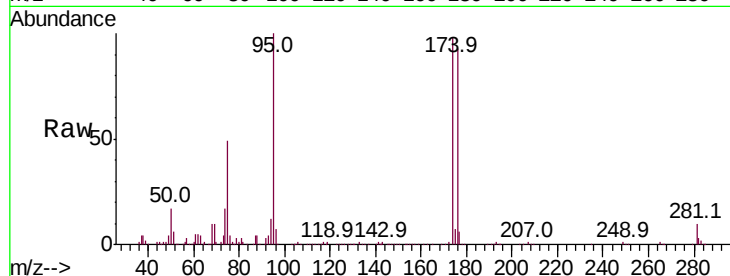




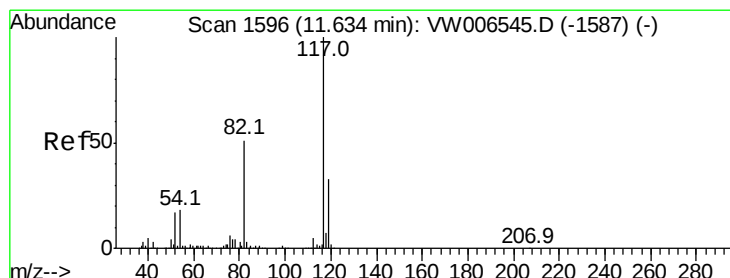
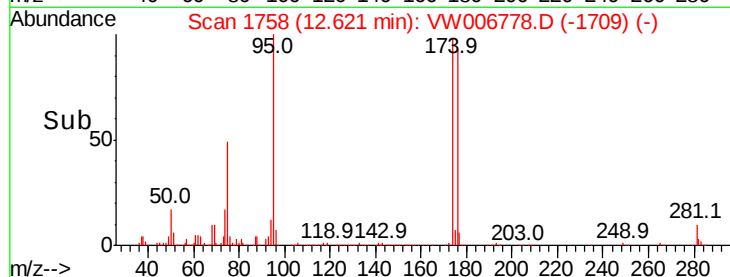
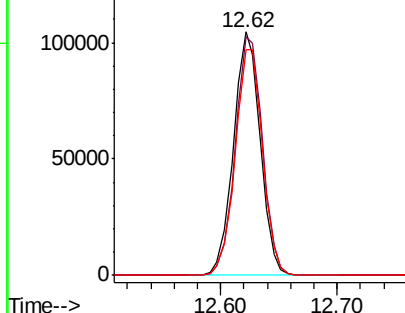
#62
4-Bromofluorobenzene
Concen: 53.029 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006778.D
Acq: 08 Nov 2018 20:33

Instrument :
MSVOA_W
ClientSampleId :
TS-GRE

Tot Ion: 95 Resp: 166847
Ion Ratio Lower Upper
95 100
174 99.8 0.0 192.4
176 94.9 0.0 187.4

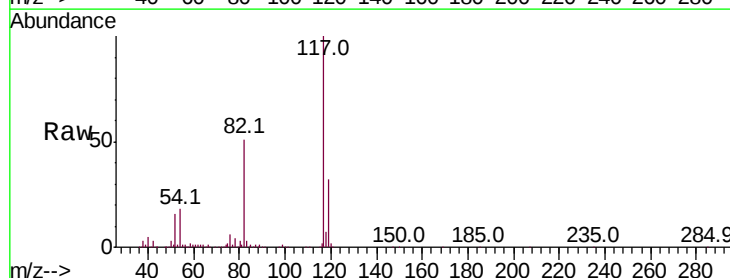


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

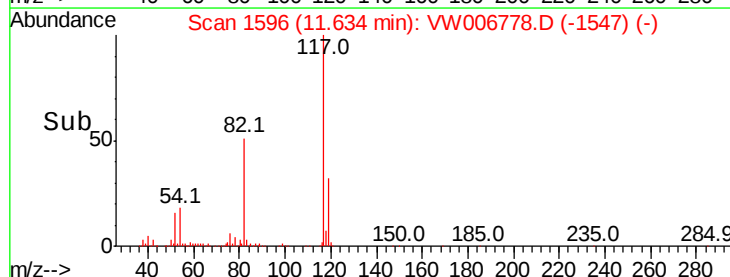
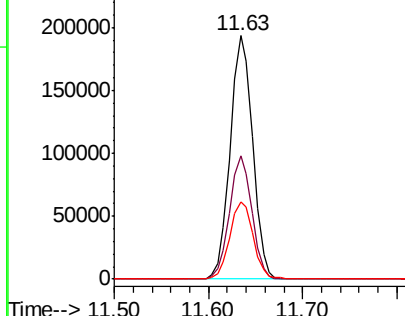


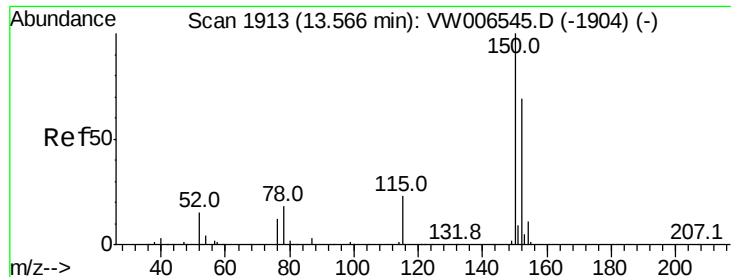
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006778.D
Acq: 08 Nov 2018 20:33

Tgt Ion: 117 Resp: 319781
Ion Ratio Lower Upper
117 100
82 50.6 40.8 61.2
119 31.6 26.1 39.1



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



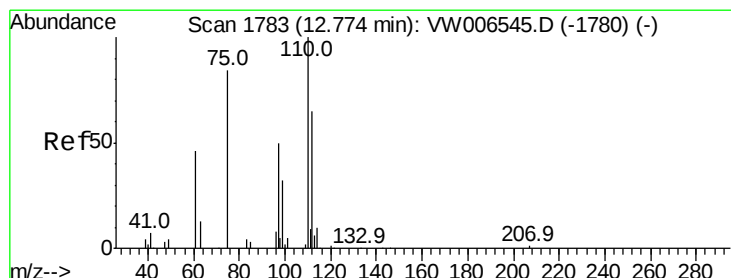
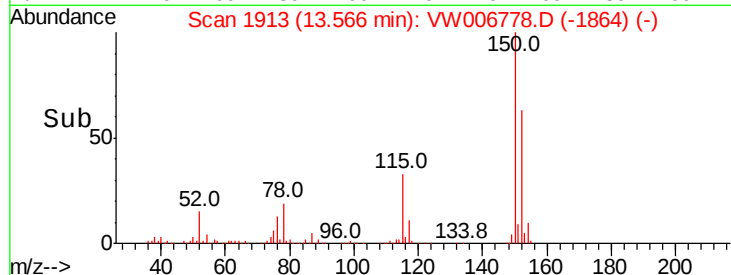
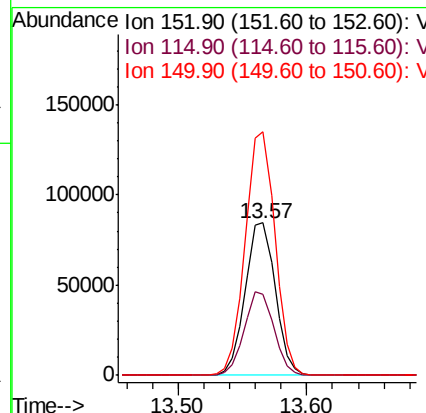
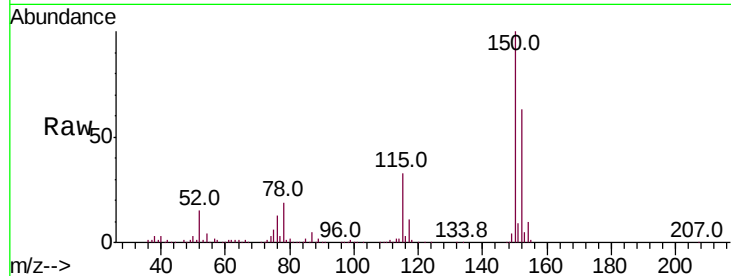


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006778.D
Acq: 08 Nov 2018 20:33

Instrument :
MSVOA_W
ClientSampleId :
TS-GRE

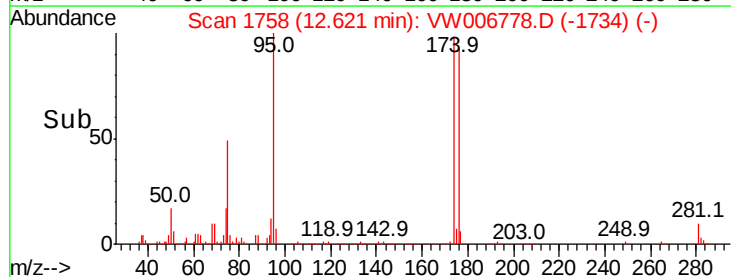
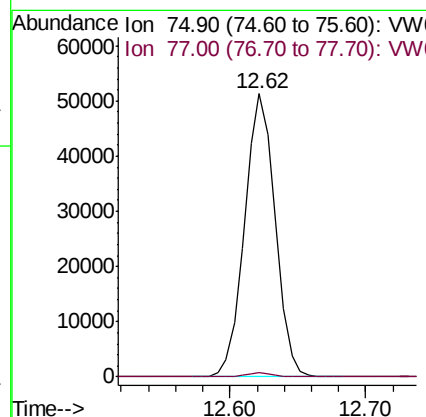
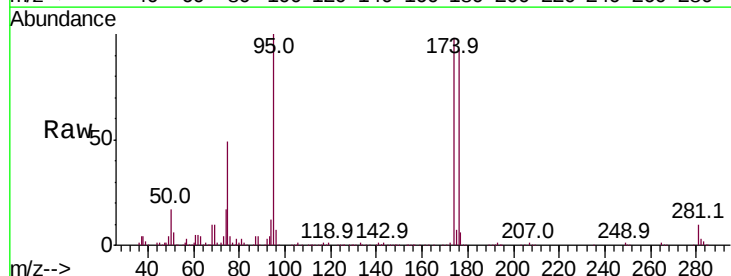
Tot Ion:152 Resp: 136557
Ion Ratio Lower Upper
152 100
115 53.7 26.6 79.8
150 158.1 0.0 344.6

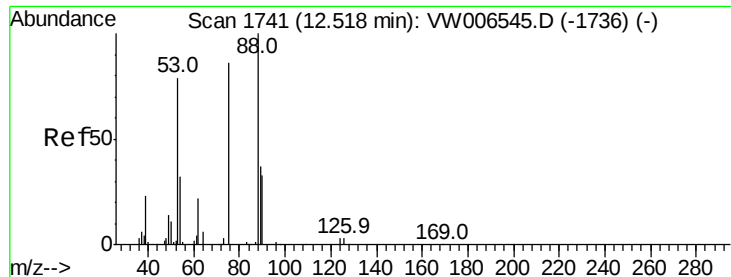


#76

1,2,3-Trichloropropane
Concen: 75.692 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006778.D
Acq: 08 Nov 2018 20:33

Tgt Ion: 75 Resp: 80647
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 188.251 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006778.D

Acq: 08 Nov 2018 20:33

Instrument :

MSVOA_W

ClientSampleId :

TS-GRE

Tot Ion: 75 Resp: 80647

Ion Ratio Lower Upper

75 100

53 0.1 77.2 115.8#

89 0.0 38.6 58.0#

