

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110818\
 Data File : VW006770.D
 Acq On : 08 Nov 2018 17:06
 Operator : SY/AP
 Sample : J5813-06RE
 Misc : 5.81G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-FRE

Quant Time: Nov 09 11:14:34 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	251003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	367555	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	142099	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	81868	37.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.88%	
35) Dibromofluoromethane	7.88	113	88725	38.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.92%	
50) Toluene-d8	10.33	98	288983	32.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.82%	
62) 4-Bromofluorobenzene	12.62	95	87593	27.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.02%	

Target Compounds

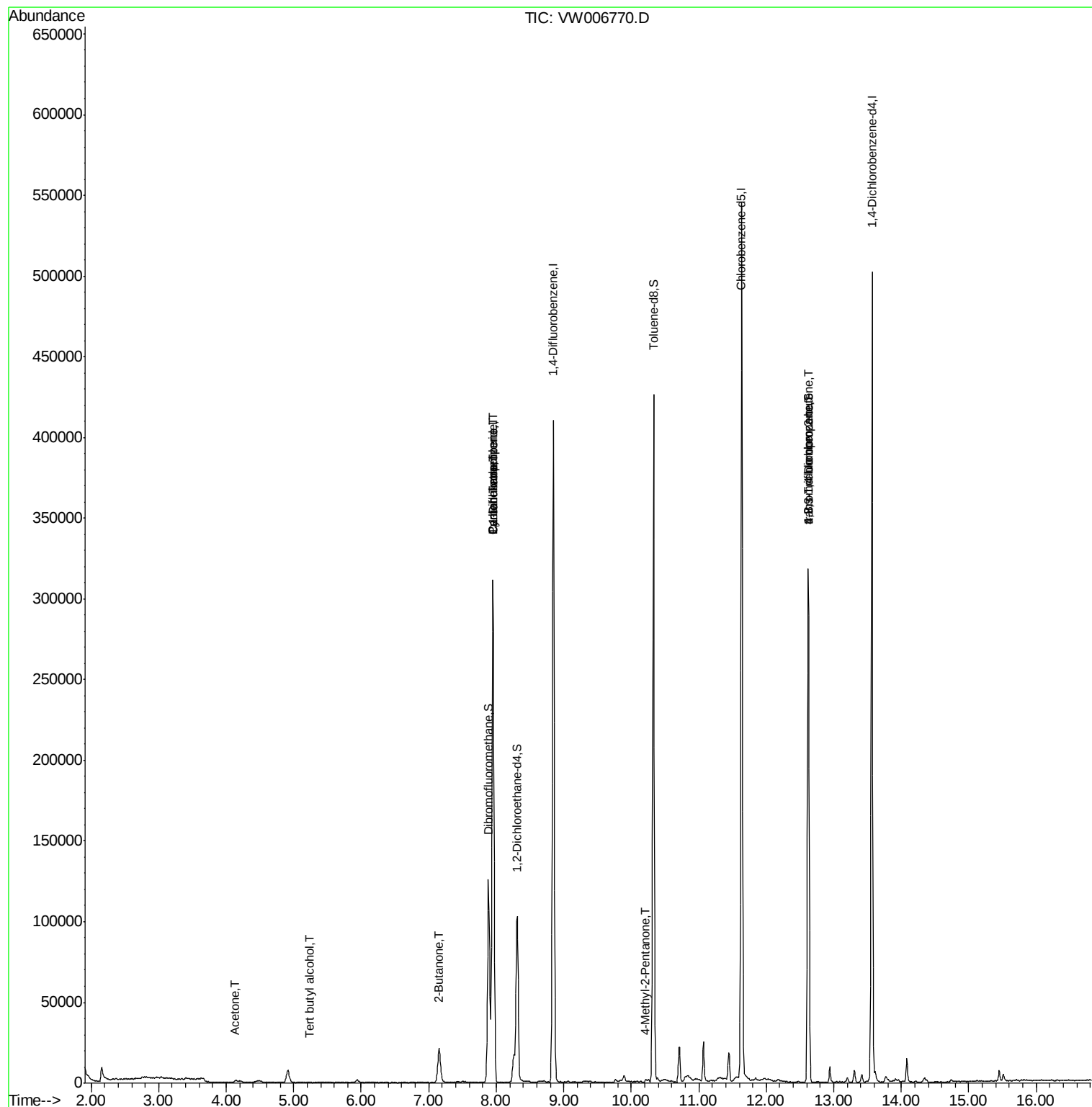
					Qvalue	
11) Tert butyl alcohol	5.23	59	289	2.486	ug/l #	84
16) Acetone	4.14	43	2762	7.929	ug/l	92
20) Methylene Chloride	4.92	84	6458	Below Cal		92
25) 2-Butanone	7.15	43	1389	2.794	ug/l #	46
31) Cyclohexane	7.95	56	4249	1.236	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15579	4.820	ug/l #	48
38) Carbon Tetrachloride	7.95	117	21966	6.504	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	1331	1.159	ug/l #	74
76) 1,2,3-Trichloropropane	12.62	75	43921	39.615	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	43921	99.793	ug/l #	11

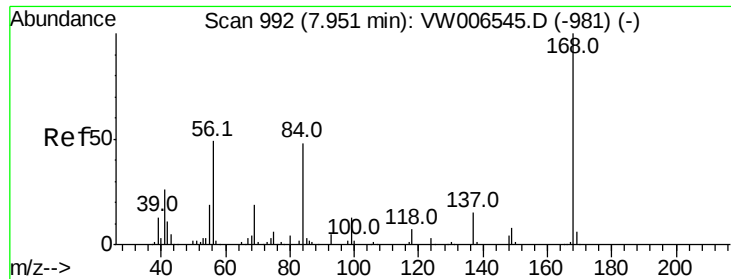
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110818\
Data File : VW006770.D
Acq On : 08 Nov 2018 17:06
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Misc : 5.81G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TS-FRE

Quant Time: Nov 09 11:14:34 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: VW006770.D

Acq: 08 Nov 2018 17:06

Instrument :

MSVOA_W

ClientSampled :

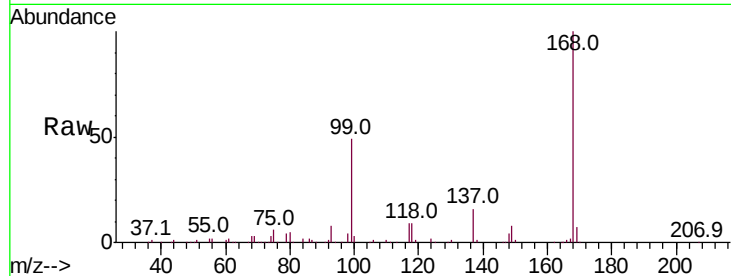
TS-FRE

Tot Ion:168 Resp: 251003

Ion Ratio Lower Upper

168 100

99 49.2 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

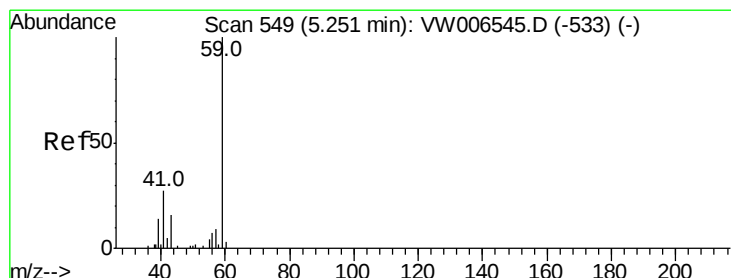
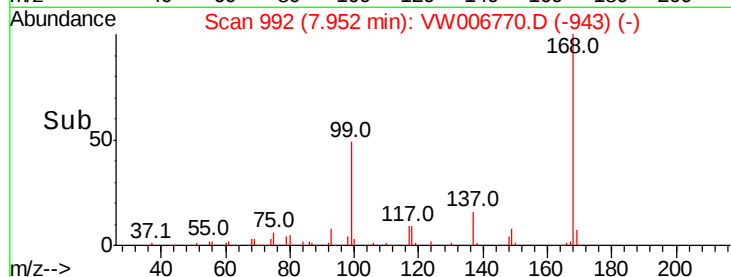
100000

50000

0

Time-->

7.90 8.00



#11

Tert butyl alcohol

Concen: 2.486 ug/l

RT: 5.23 min Scan# 546

Delta R.T. -0.02 min

Lab File: VW006770.D

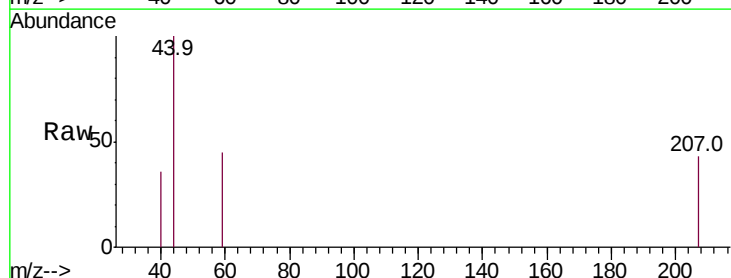
Acq: 08 Nov 2018 17:06

Tgt Ion: 59 Resp: 289

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

200

150

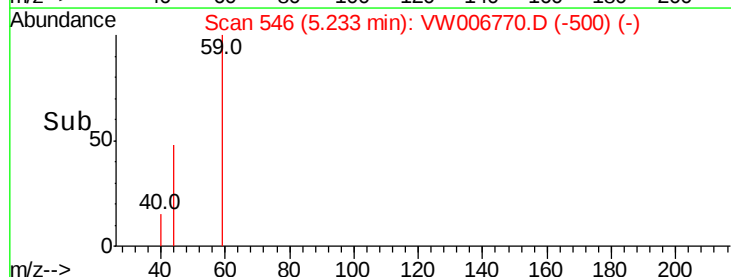
100

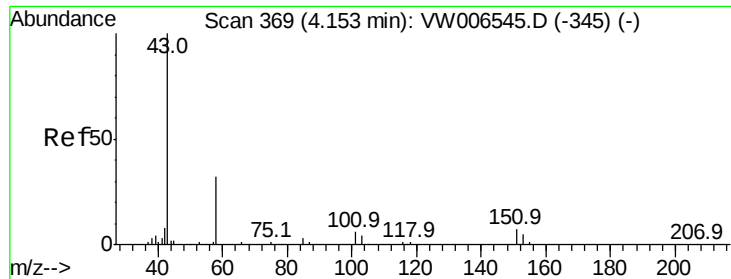
50

0

Time-->

5.20 5.25 5.30

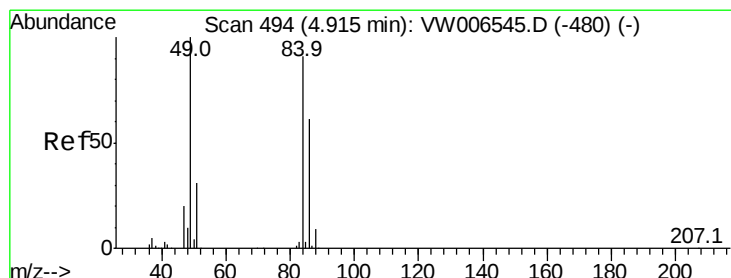
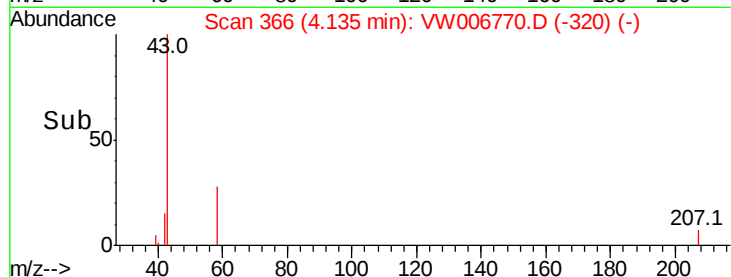
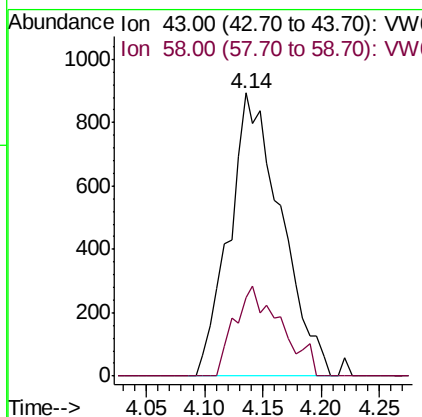
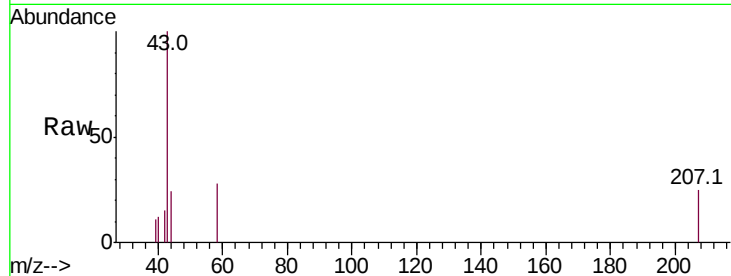




#16
Acetone
Concen: 7.929 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.02 min
Lab File: VW006770.D
Acq: 08 Nov 2018 17:06

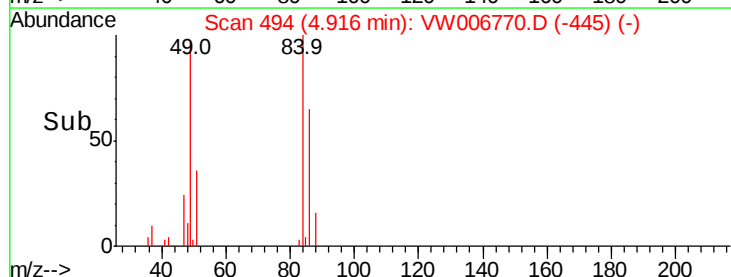
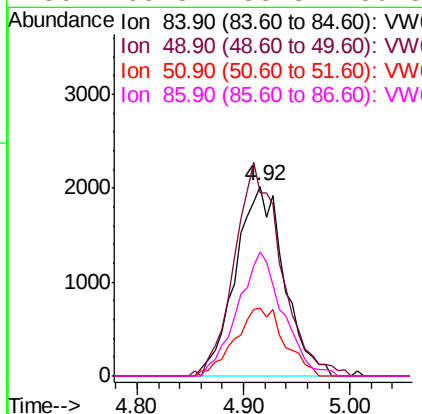
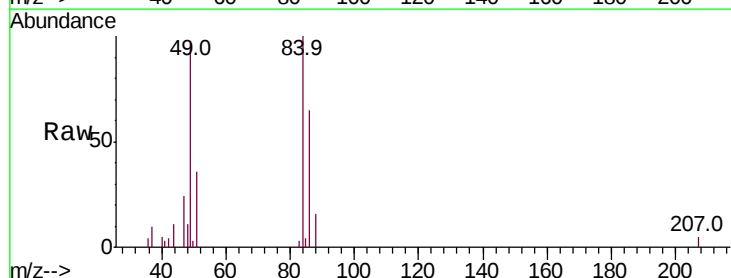
Instrument :
MSVOA_W
ClientSampled :
TS-FRE

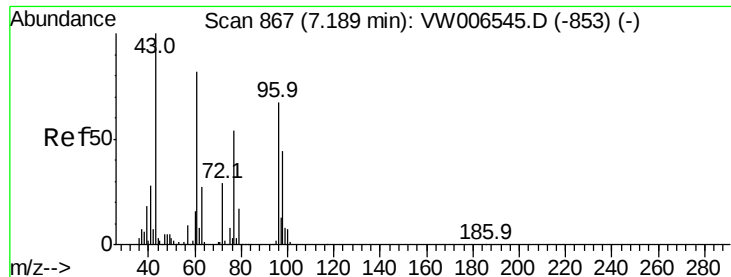
Tot Ion: 43 Resp: 2762
Ion Ratio Lower Upper
43 100
58 27.5 25.8 38.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006770.D
Acq: 08 Nov 2018 17:06

Tgt Ion: 84 Resp: 6458
Ion Ratio Lower Upper
84 100
49 96.9 88.2 132.4
51 35.7 27.0 40.6
86 65.3 53.8 80.8





#25

2-Butanone

Concen: 2.794 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.04 min

Lab File: VW006770.D

Acq: 08 Nov 2018 17:06

Instrument :

MSVOA_W

ClientSampleId :

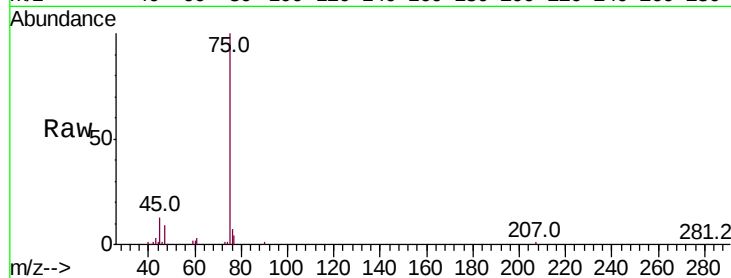
TS-FRE

Tot Ion: 43 Resp: 1389

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

7.15

400

300

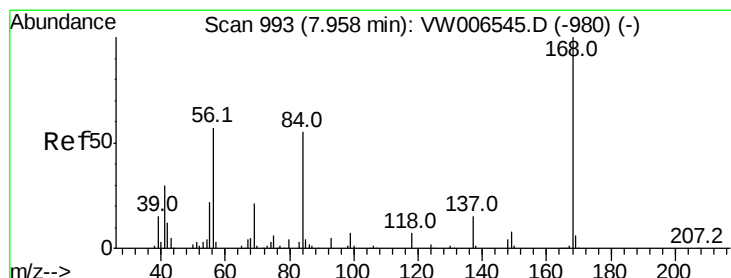
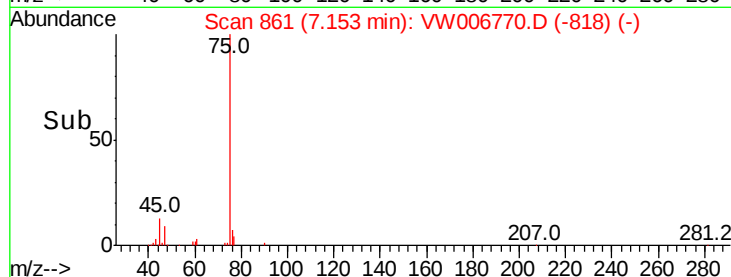
200

100

0

7.10 7.15 7.20 7.25

Time-->



#31

Cyclohexane

Concen: 1.236 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006770.D

Acq: 08 Nov 2018 17:06

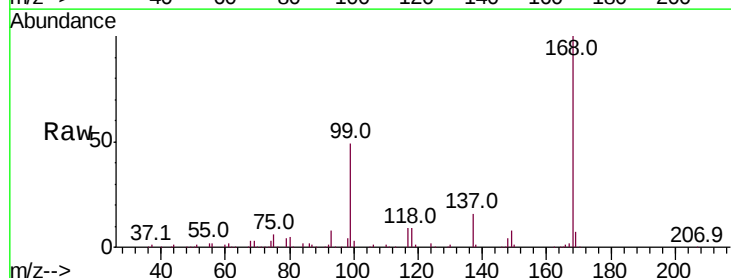
Tgt Ion: 56 Resp: 4249

Ion Ratio Lower Upper

56 100

69 185.9 29.0 43.4#

84 140.7 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

4000

3000

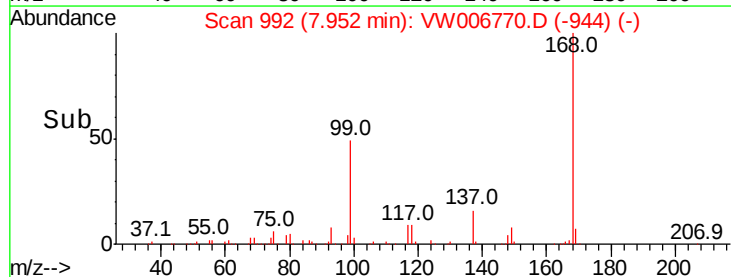
2000

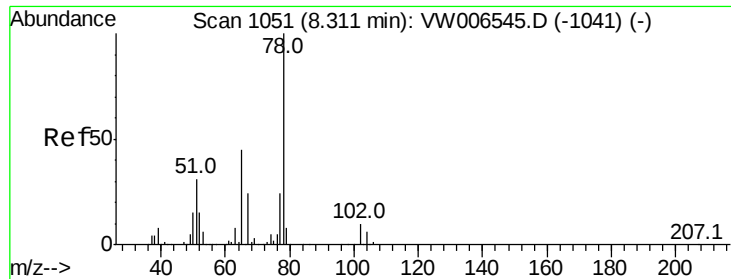
1000

0

7.90 7.95 8.00

Time-->

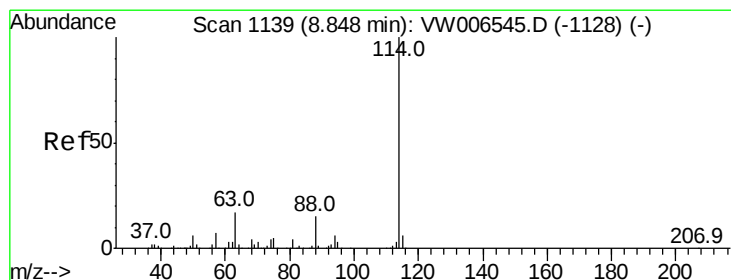
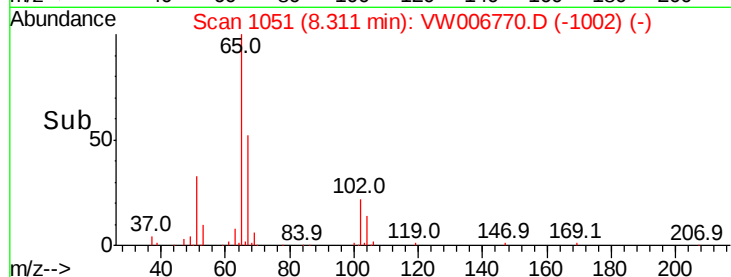
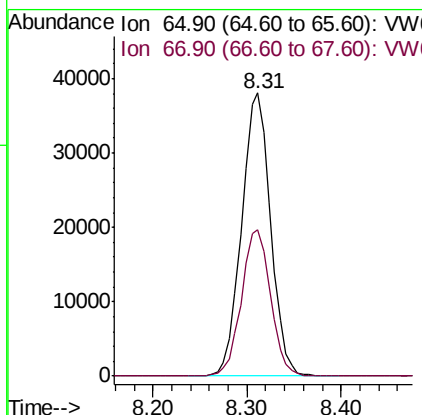
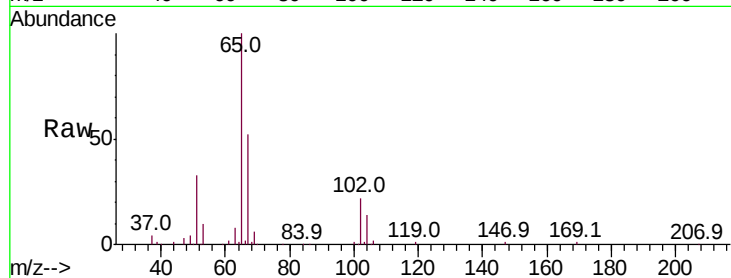




#33
 1,2-Dichloroethane-d4
 Concen: 37.944 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006770.D
 Acq: 08 Nov 2018 17:06

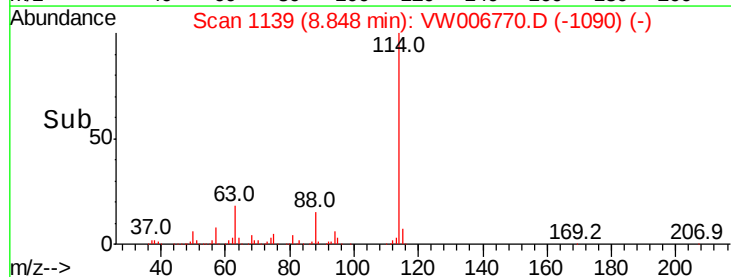
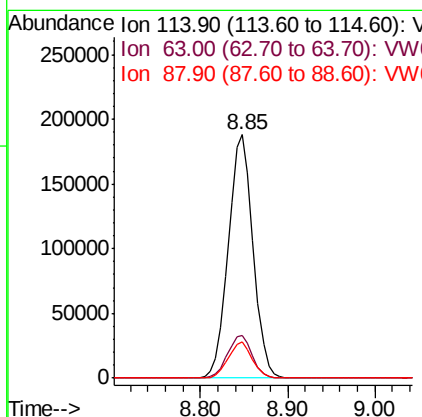
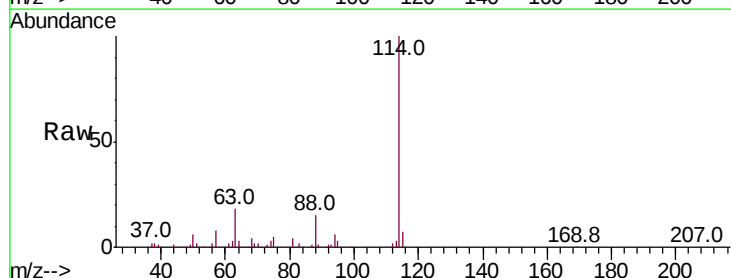
Instrument :
 MSVOA_W
 ClientSampleId :
 TS-FRE

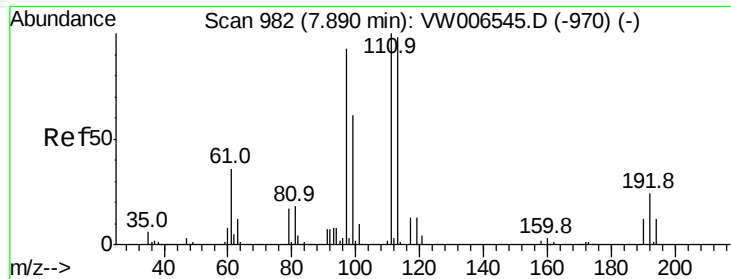
Tot Ion: 65 Resp: 81868
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006770.D
 Acq: 08 Nov 2018 17:06

Tgt Ion: 114 Resp: 367555
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.4
 88 15.0 0.0 29.0

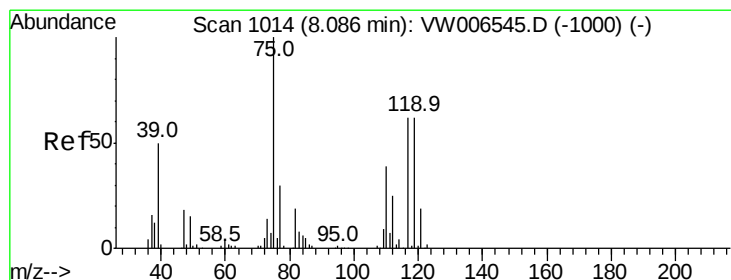
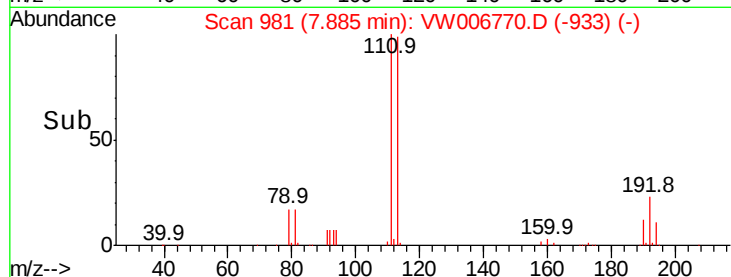
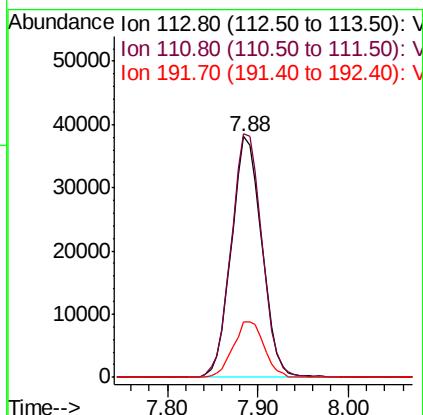
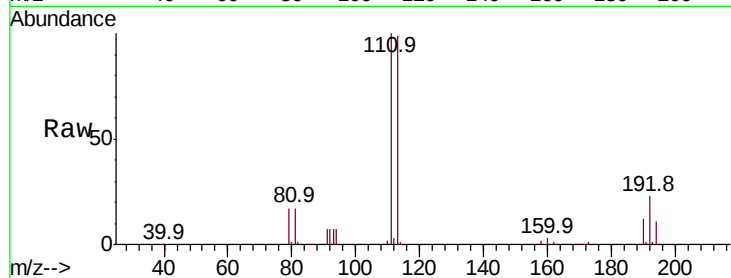




#35
Dibromofluoromethane
Concen: 38.464 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006770.D
Acq: 08 Nov 2018 17:06

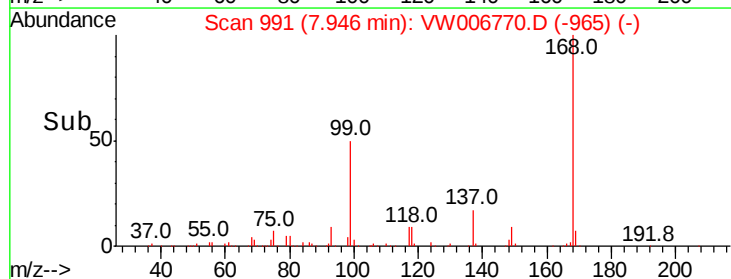
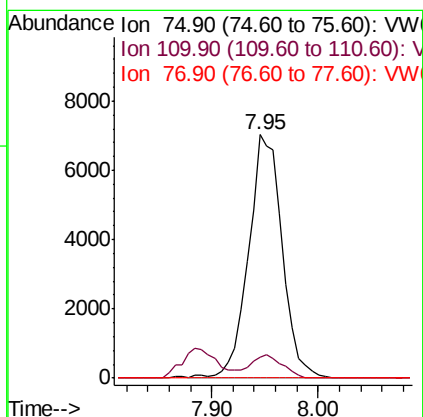
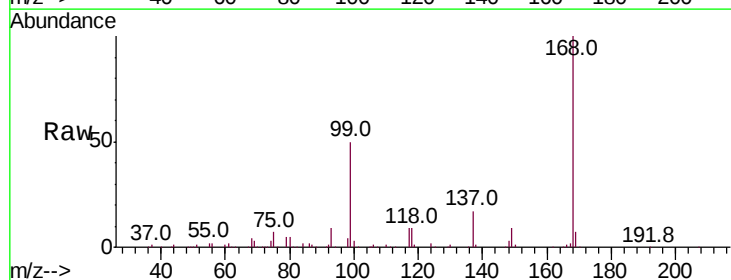
Instrument :
MSVOA_W
ClientSampled :
TS-FRE

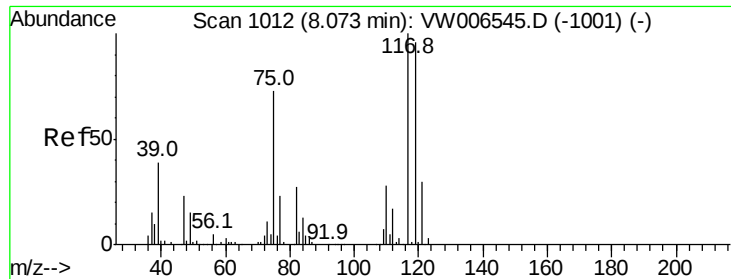
Tot Ion:113 Resp: 88725
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 23.5 19.0 28.6



#36
1,1-Dichloropropene
Concen: 4.820 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.14 min
Lab File: VW006770.D
Acq: 08 Nov 2018 17:06

Tgt Ion: 75 Resp: 15579
Ion Ratio Lower Upper
75 100
110 9.2 19.5 58.5#
77 0.0 24.6 37.0#

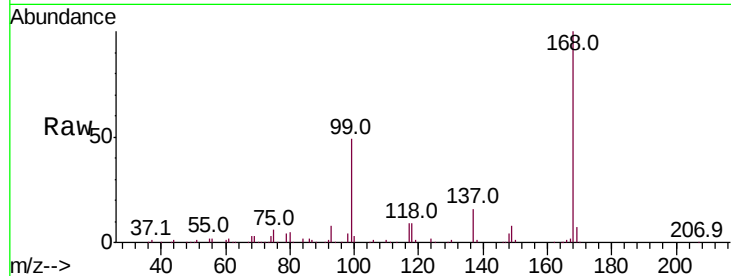




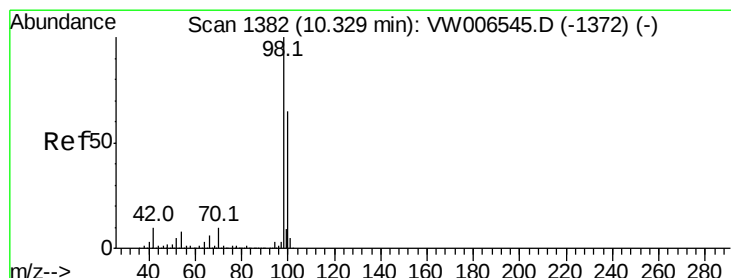
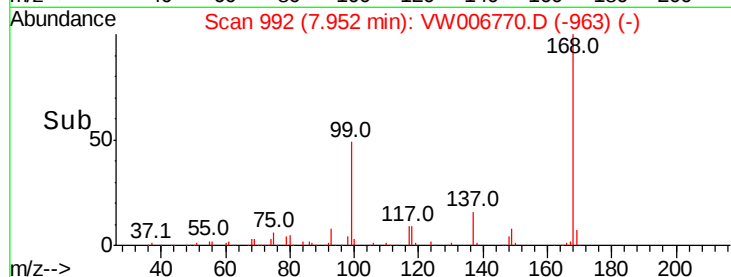
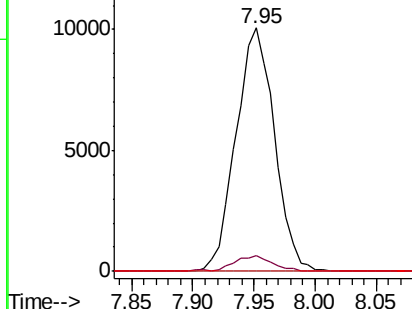
#38
Carbon Tetrachloride
Concen: 6.504 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006770.D
Acq: 08 Nov 2018 17:06

Instrument :
MSVOA_W
ClientSampled :
TS-FRE

Tot Ion:117 Resp: 21966
Ion Ratio Lower Upper
117 100
119 6.4 76.3 114.5#
121 0.0 24.1 36.1#

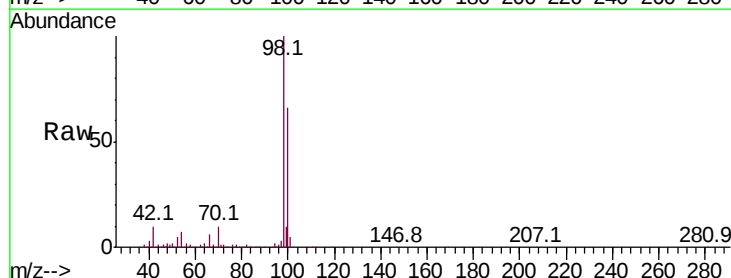


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

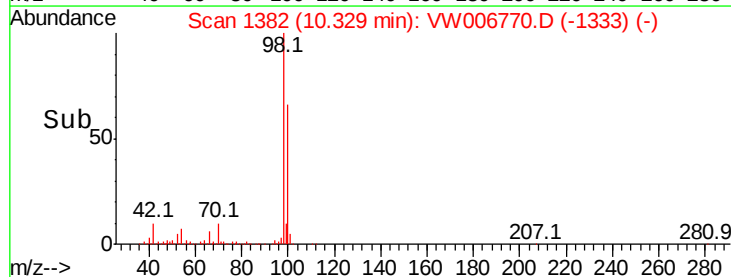
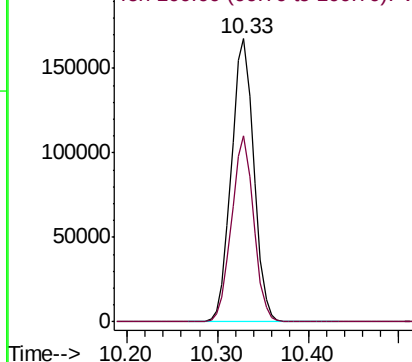


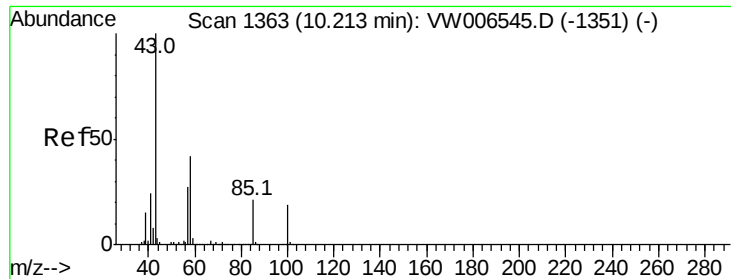
#50
Toluene-d8
Concen: 32.909 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006770.D
Acq: 08 Nov 2018 17:06

Tgt Ion: 98 Resp: 288983
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



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





#51

4-Methyl-2-Pentanone

Concen: 1.159 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006770.D

Acq: 08 Nov 2018 17:06

Instrument :

MSVOA_W

ClientSampleId :

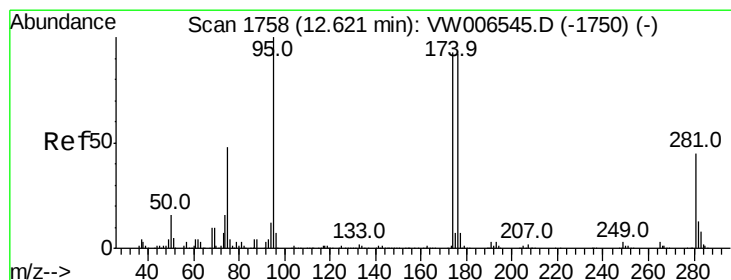
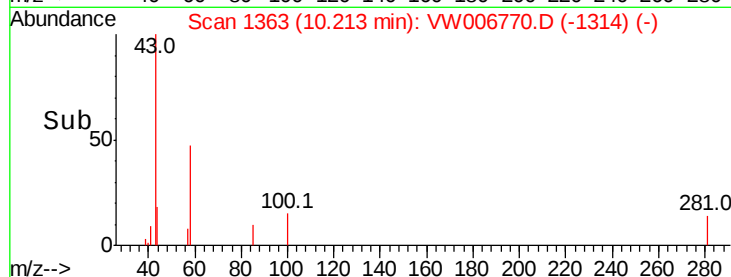
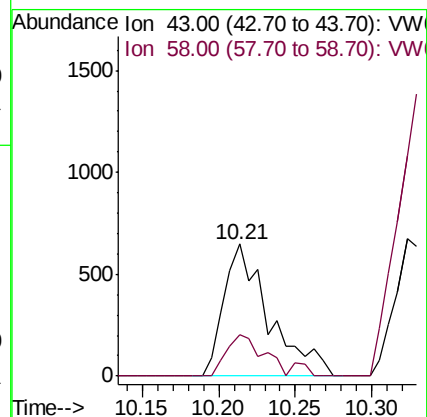
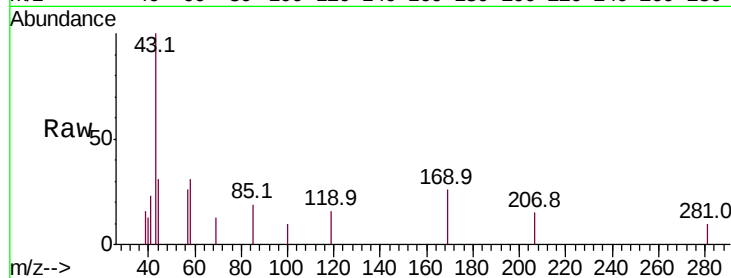
TS-FRE

Tot Ion: 43 Resp: 1331

Ion Ratio Lower Upper

43 100

58 25.0 33.4 50.0#



#62

4-Bromofluorobenzene

Concen: 27.515 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006770.D

Acq: 08 Nov 2018 17:06

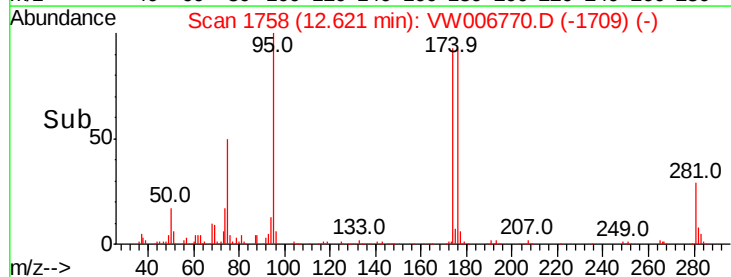
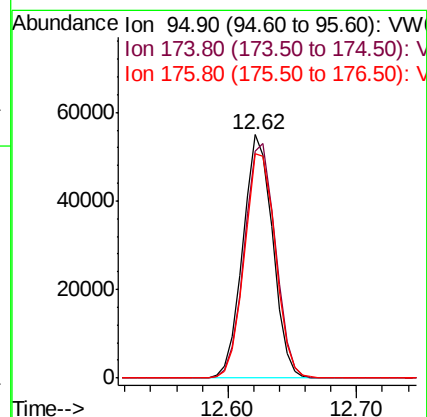
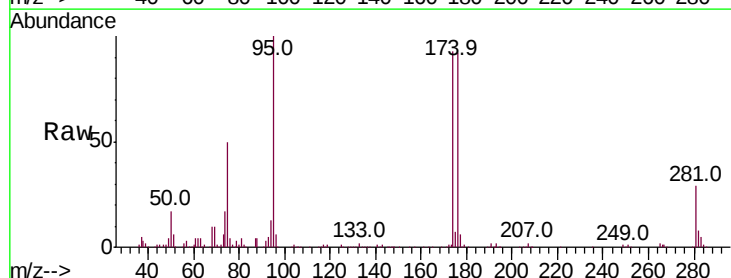
Tgt Ion: 95 Resp: 87593

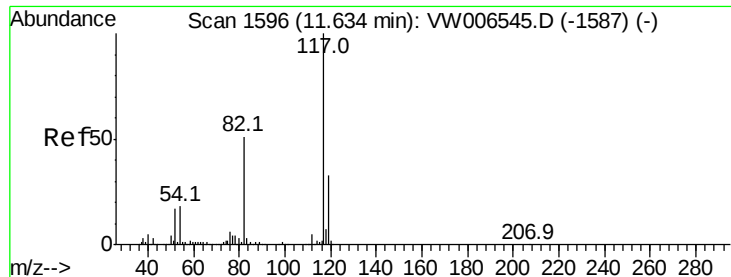
Ion Ratio Lower Upper

95 100

174 100.1 0.0 192.4

176 96.2 0.0 187.4

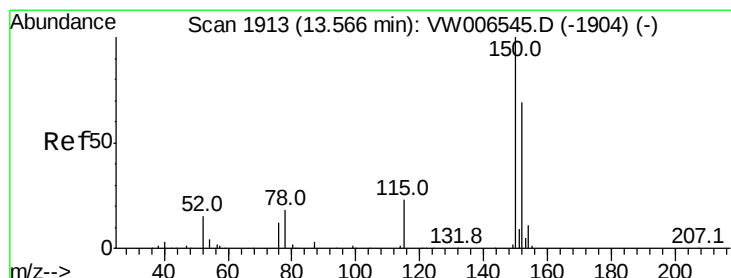
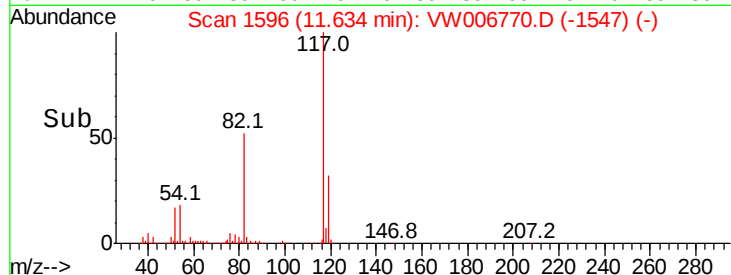
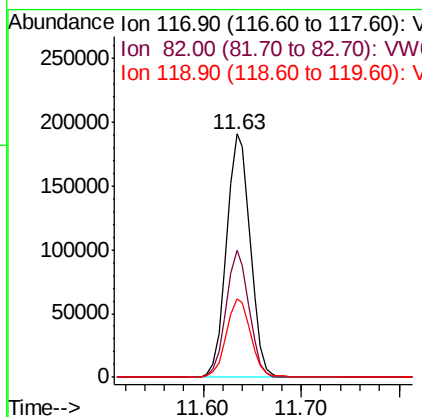
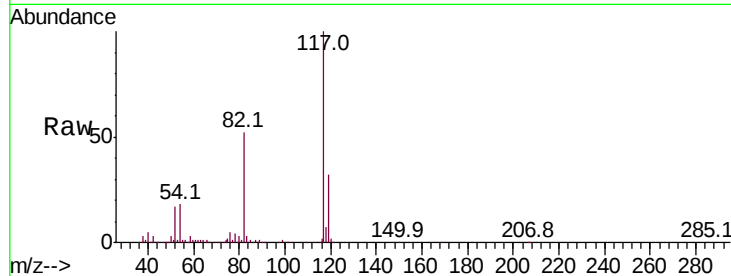




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006770.D
Acq: 08 Nov 2018 17:06

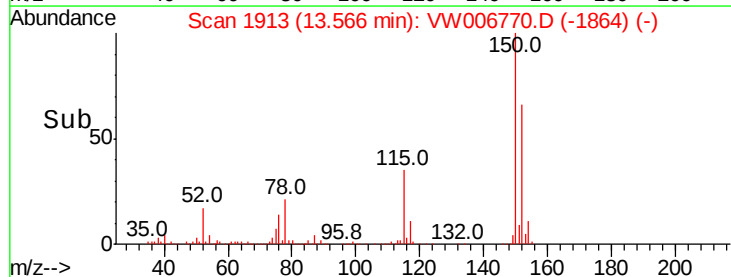
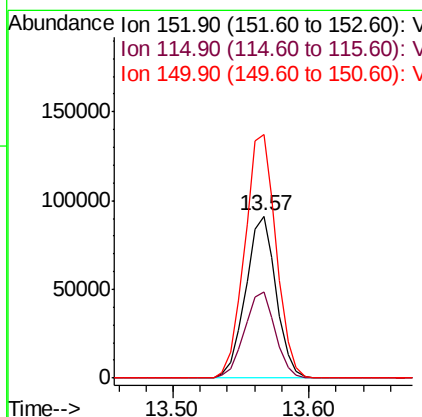
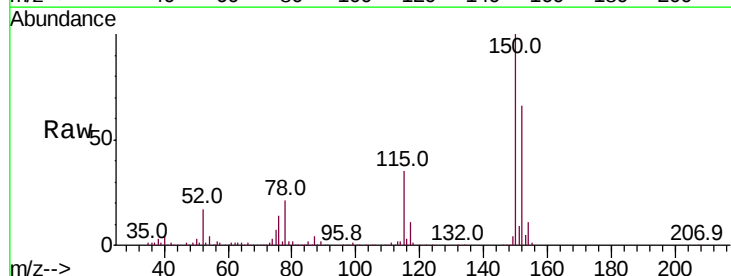
Instrument :
MSVOA_W
ClientSampled :
TS-FRE

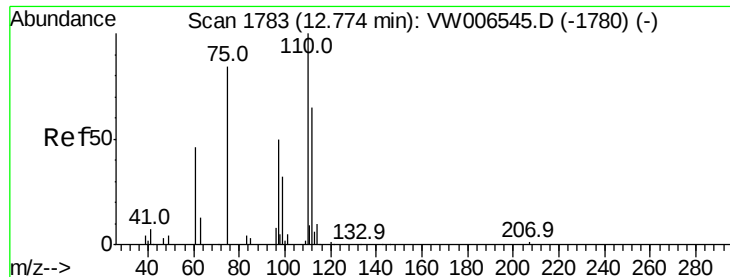
Tot Ion:117 Resp: 319807
Ion Ratio Lower Upper
117 100
82 52.1 40.8 61.2
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006770.D
Acq: 08 Nov 2018 17:06

Tgt Ion:152 Resp: 142099
Ion Ratio Lower Upper
152 100
115 54.0 26.6 79.8
150 155.8 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 39.615 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006770.D

Acq: 08 Nov 2018 17:06

Instrument :

MSVOA_W

ClientSampleId :

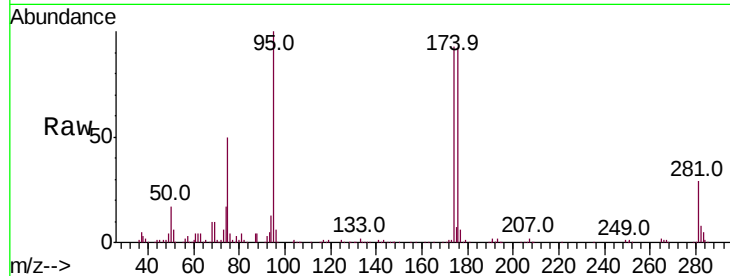
TS-FRE

Tot Ion: 75 Resp: 43921

Ion Ratio Lower Upper

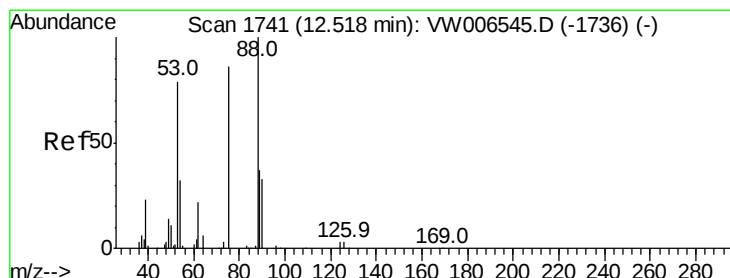
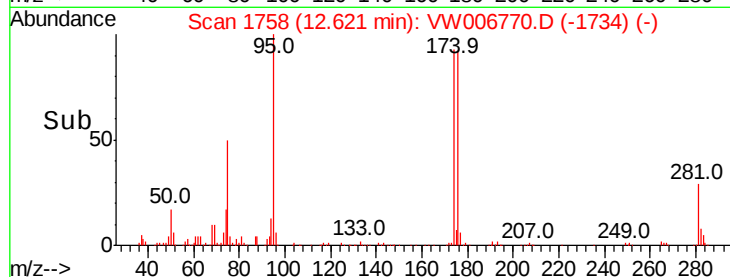
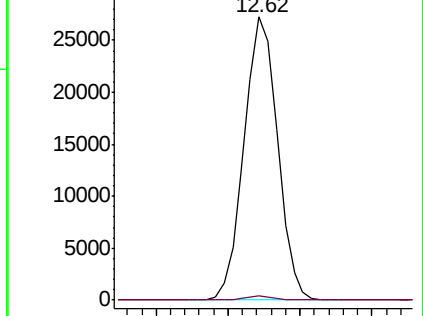
75 100

77 1.4 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: 99.793 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006770.D

Acq: 08 Nov 2018 17:06

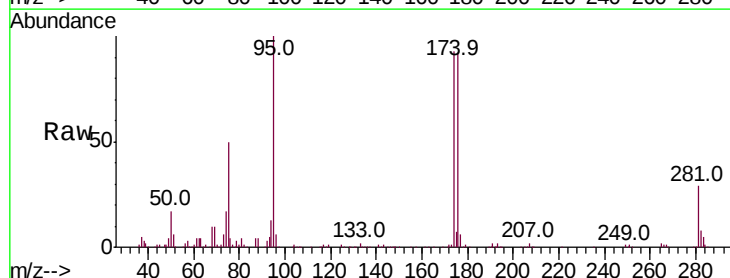
Tgt Ion: 75 Resp: 43921

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

