

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110818\
 Data File : VW006780.D
 Acq On : 08 Nov 2018 21:24
 Operator : SY/AP
 Sample : J5813-09RE
 Misc : 5.88G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-IRE

Quant Time: Nov 09 11:16:15 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

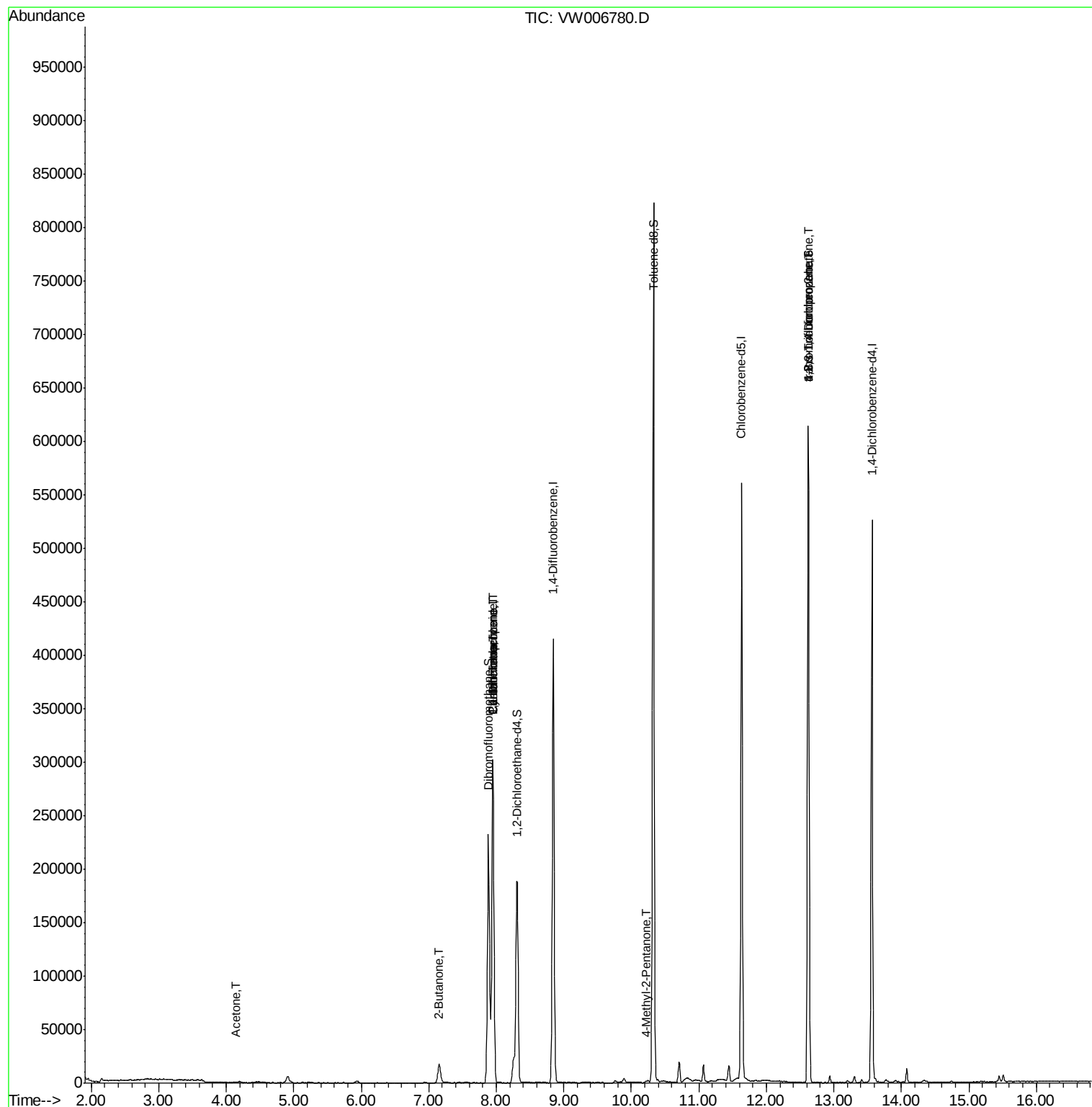
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	368940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	151698	70.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	141.08%	
35) Dibromofluoromethane	7.88	113	163561	70.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	141.28%	
50) Toluene-d8	10.33	98	573901	65.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.22%	
62) 4-Bromofluorobenzene	12.62	95	174253	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	1893	5.452	ug/l	95
20) Methylene Chloride	4.91	84	5102	Below Cal		94
25) 2-Butanone	7.15	43	1077	2.174	ug/l	89
31) Cyclohexane	7.95	56	4326	1.263	ug/l #	15
36) 1,1-Dichloropropene	7.95	75	15933	4.911	ug/l #	47
38) Carbon Tetrachloride	7.95	117	21755	6.417	ug/l #	16
51) 4-Methyl-2-Pentanone	10.22	43	1278	1.109	ug/l #	73
76) 1,2,3-Trichloropropane	12.62	75	86515	72.408	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	86515	180.197	ug/l #	11

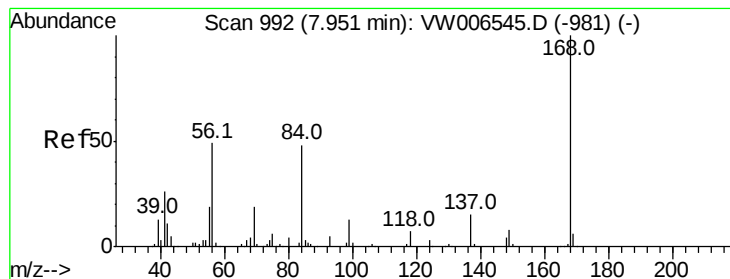
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 09 11:16:15 2018
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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: VW006780.D

Acq: 08 Nov 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

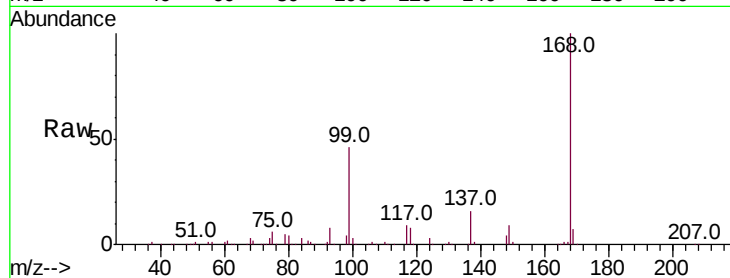
TS-IRE

Tot Ion:168 Resp: 250168

Ion Ratio Lower Upper

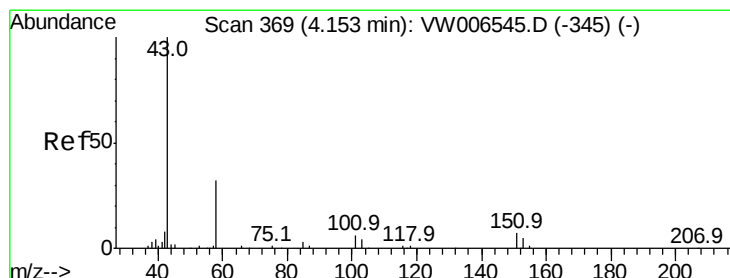
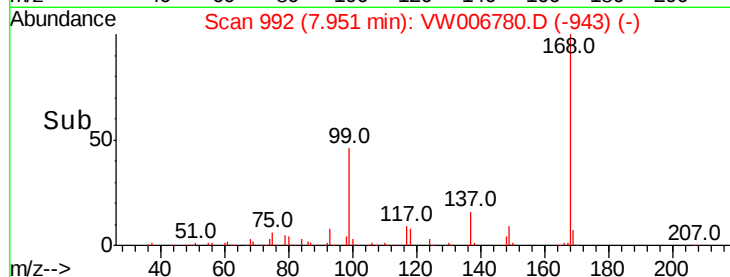
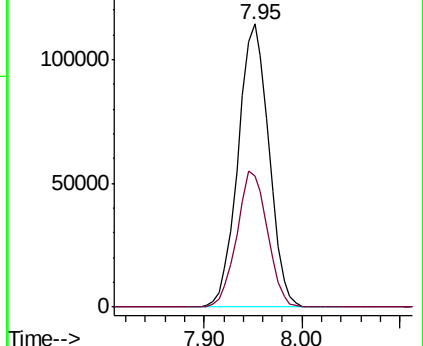
168 100

99 46.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 5.452 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006780.D

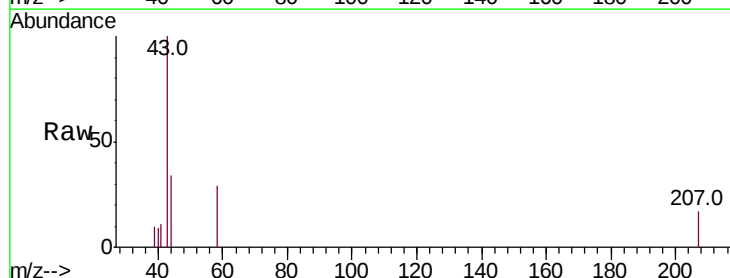
Acq: 08 Nov 2018 21:24

Tgt Ion: 43 Resp: 1893

Ion Ratio Lower Upper

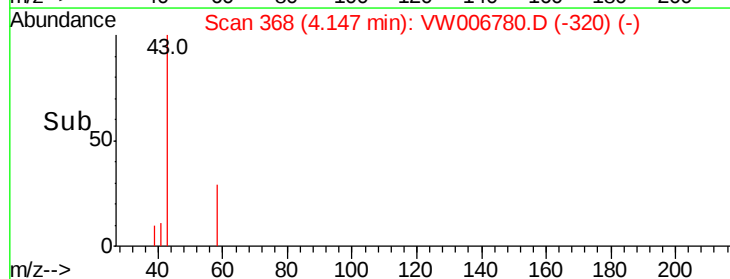
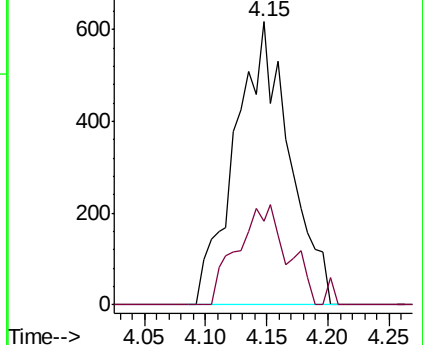
43 100

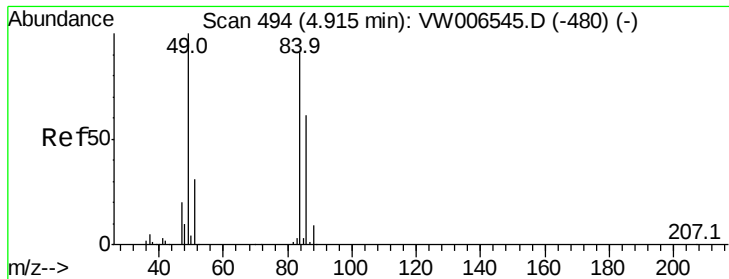
58 29.5 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006780.D

Acq: 08 Nov 2018 21:24

Instrument :

MSVOA_W

ClientSampled :

TS-IRE

Tot Ion: 84 Resp: 5102

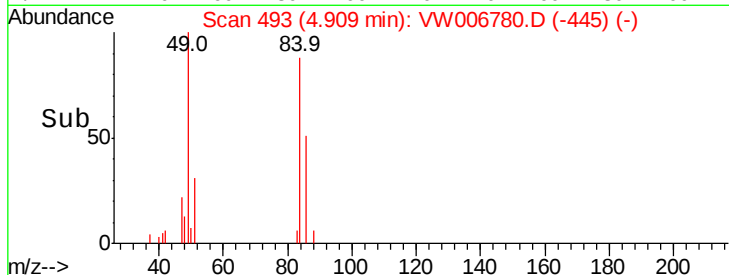
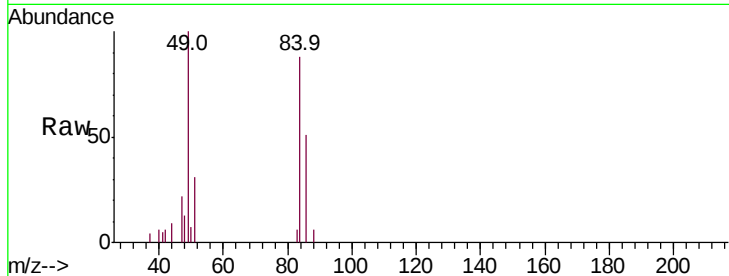
Ion Ratio Lower Upper

84 100

49 114.0 88.2 132.4

51 35.4 27.0 40.6

86 58.6 53.8 80.8

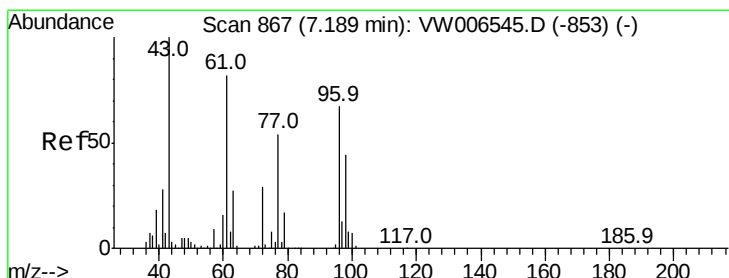
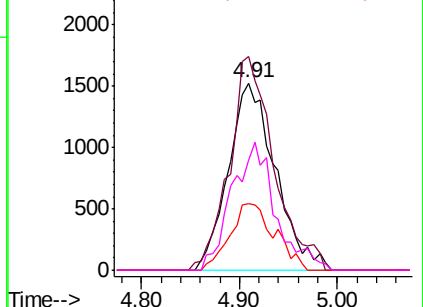


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 2.174 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW006780.D

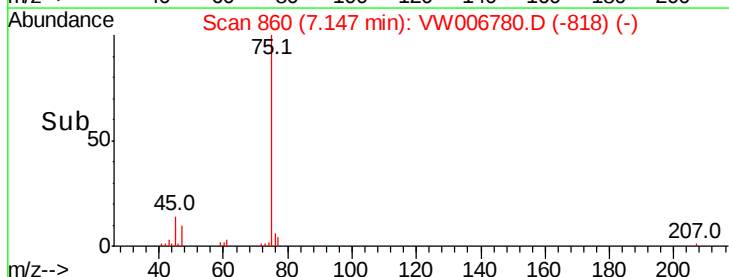
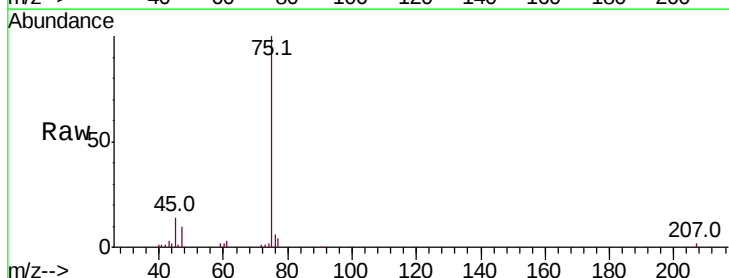
Acq: 08 Nov 2018 21:24

Tgt Ion: 43 Resp: 1077

Ion Ratio Lower Upper

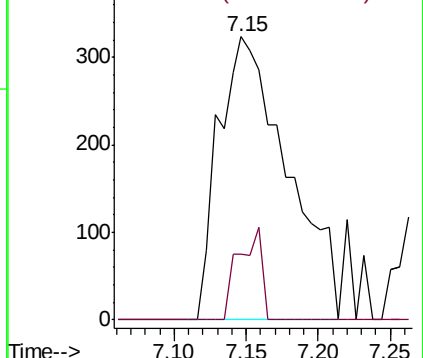
43 100

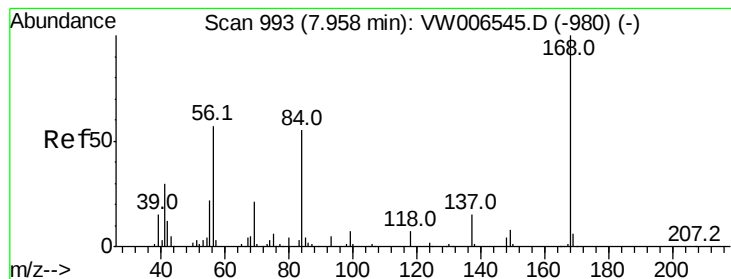
72 23.2 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.263 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006780.D

Acq: 08 Nov 2018 21:24

Instrument :

MSVOA_W

ClientSampled :

TS-IRE

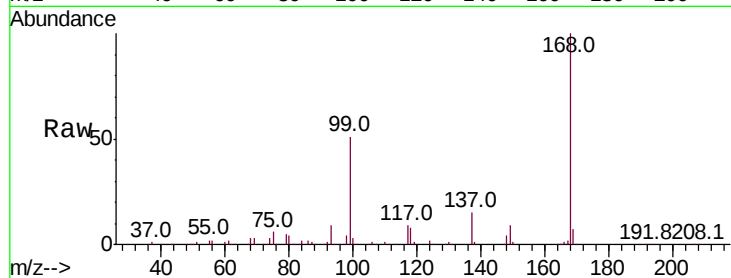
Tot Ion: 56 Resp: 4326

Ion Ratio Lower Upper

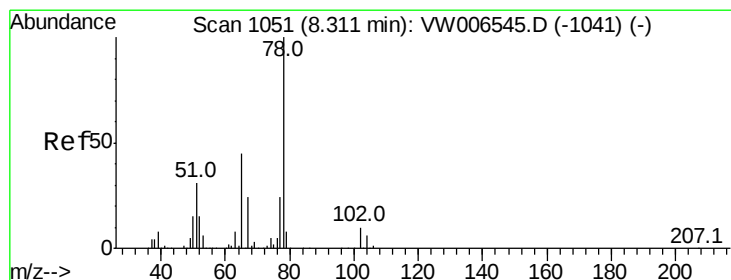
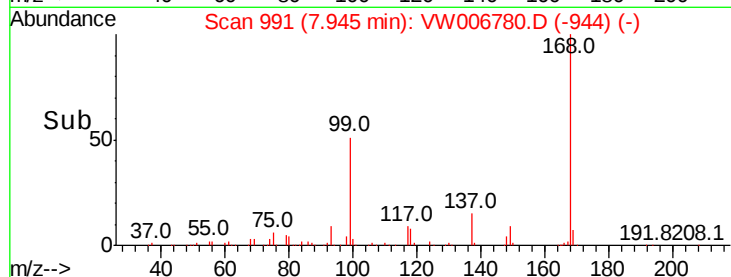
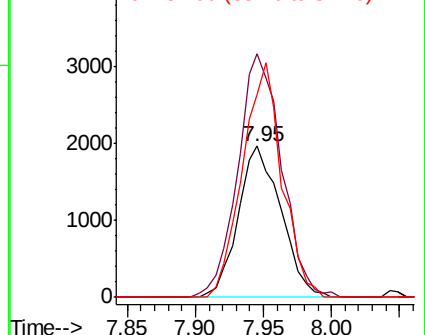
56 100

69 161.4 29.0 43.4#

84 134.2 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: 70.543 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006780.D

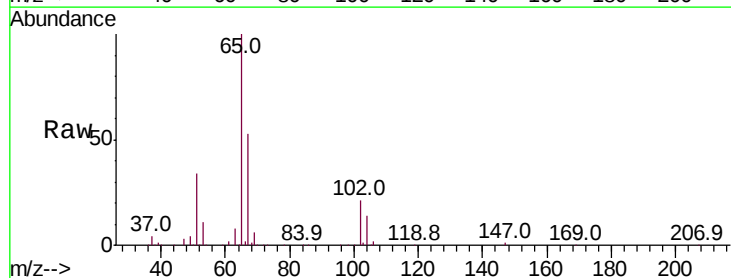
Acq: 08 Nov 2018 21:24

Tgt Ion: 65 Resp: 151698

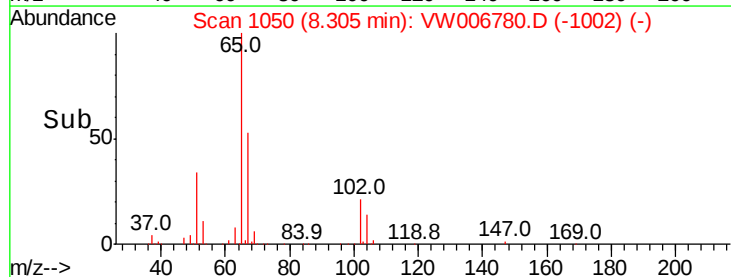
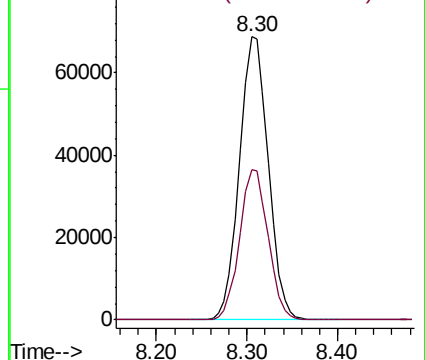
Ion Ratio Lower Upper

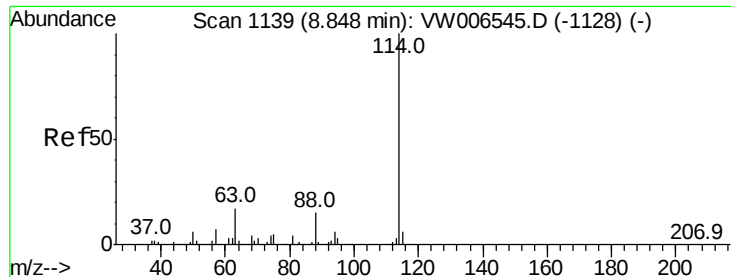
65 100

67 52.6 0.0 104.4



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

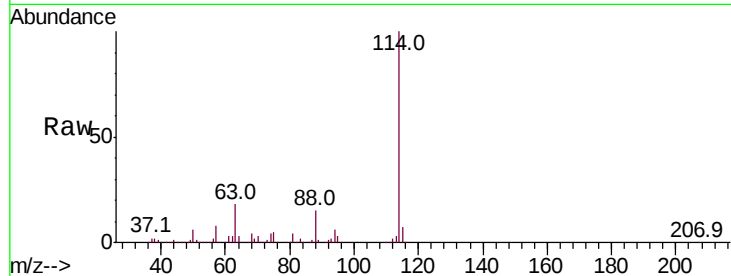




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006780.D
 Acq: 08 Nov 2018 21:24

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-IRE

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	34.4
88	14.5	0.0	29.0

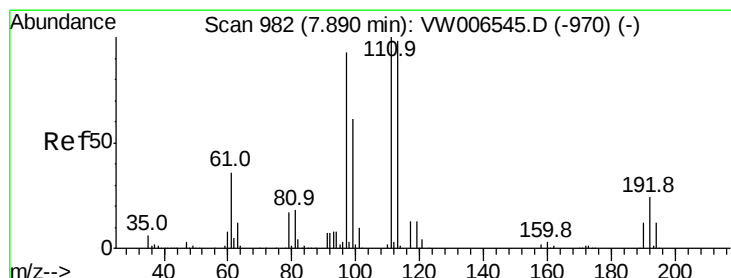
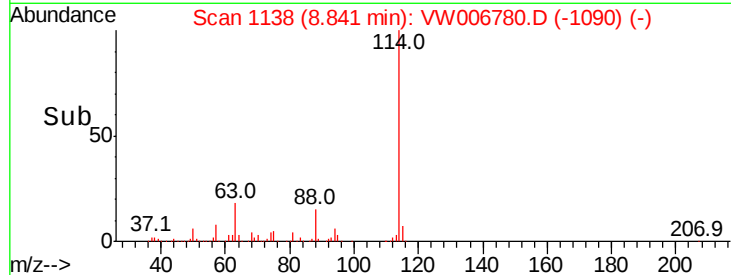
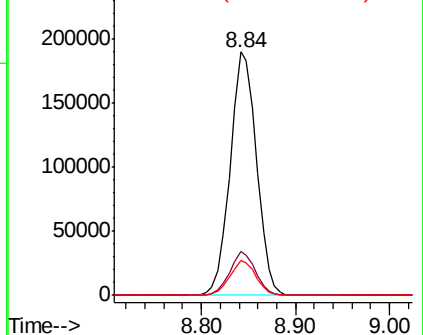


Abundance

Ion 113.90 (113.60 to 114.60): V

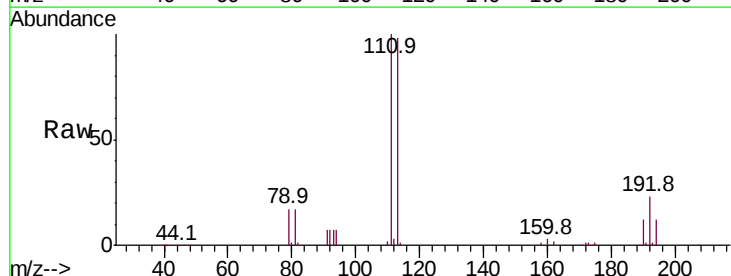
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 70.641 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006780.D
 Acq: 08 Nov 2018 21:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.2
192	23.6	19.0	28.6

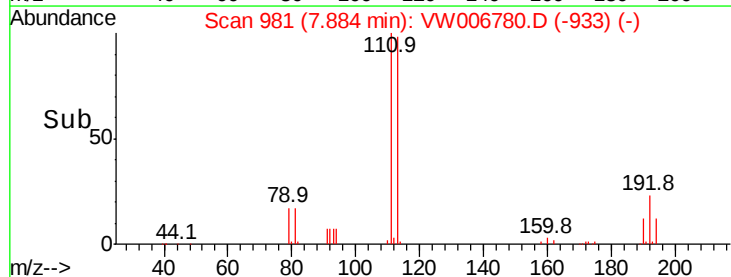
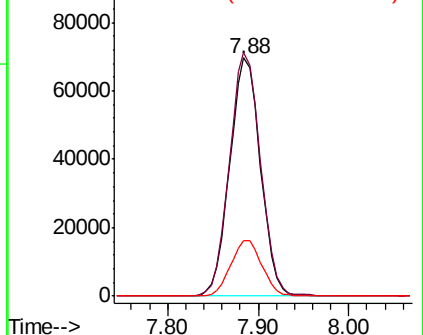


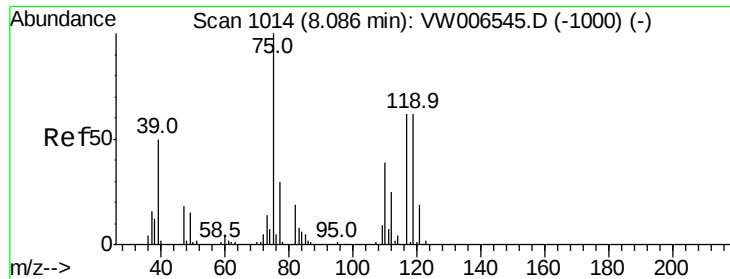
Abundance

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: 4.911 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006780.D

Acq: 08 Nov 2018 21:24

Instrument :

MSVOA_W

ClientSampled :

TS-IRE

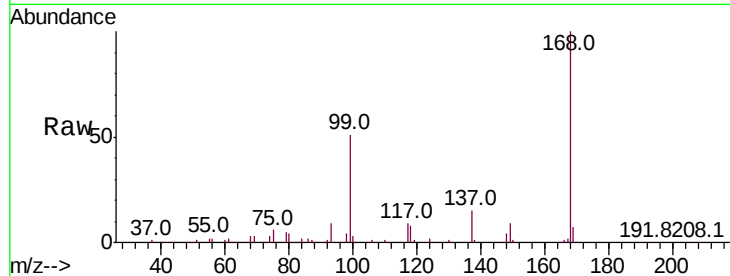
Tot Ion: 75 Resp: 15933

Ion Ratio Lower Upper

75 100

110 8.4 19.5 58.5#

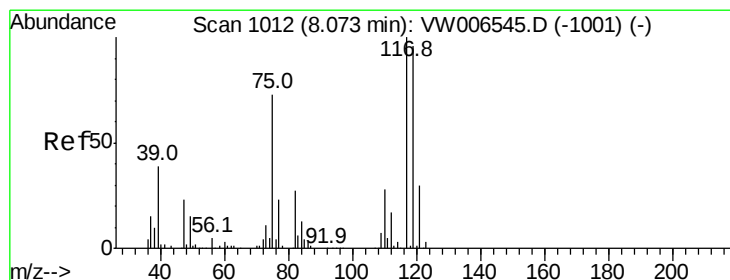
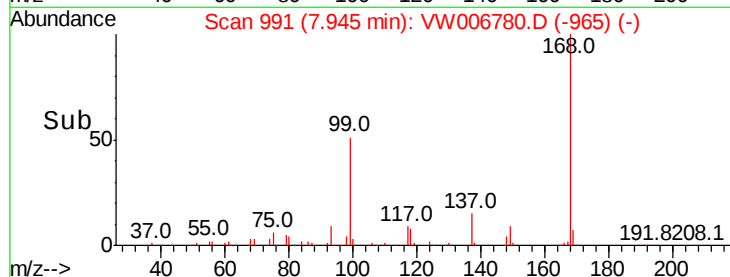
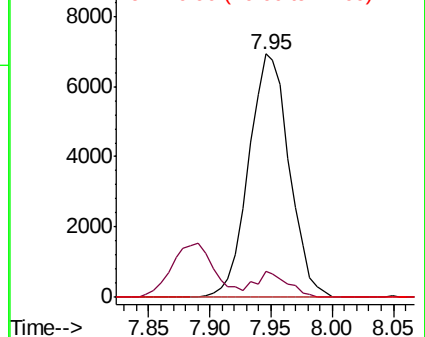
77 0.0 24.6 37.0#



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: 6.417 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006780.D

Acq: 08 Nov 2018 21:24

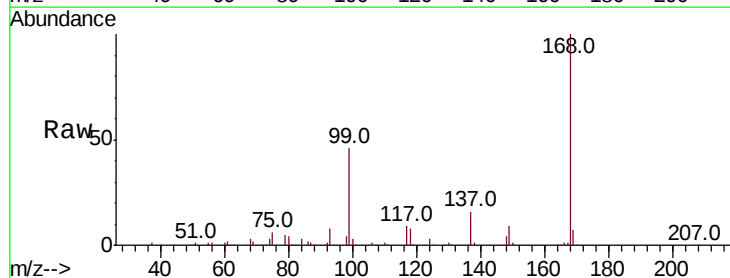
Tgt Ion: 117 Resp: 21755

Ion Ratio Lower Upper

117 100

119 5.3 76.3 114.5#

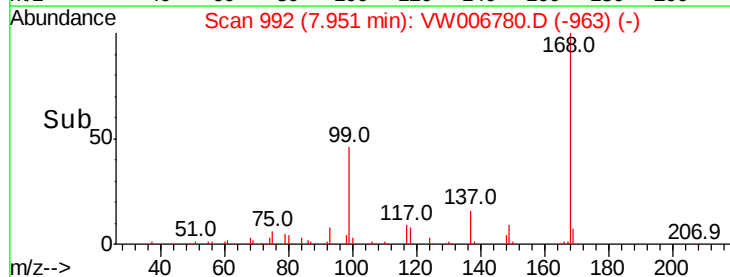
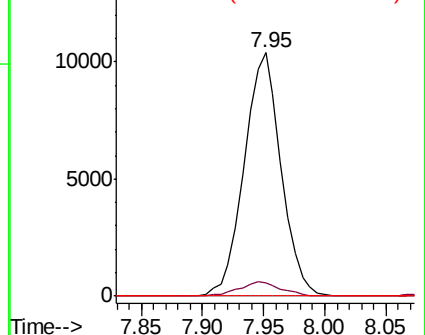
121 0.0 24.1 36.1#

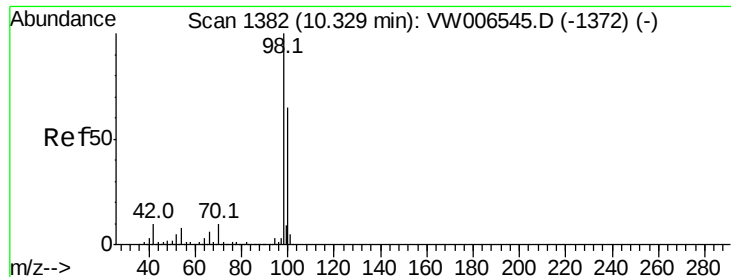


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 65.110 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006780.D

Acq: 08 Nov 2018 21:24

Instrument :

MSVOA_W

ClientSampled :

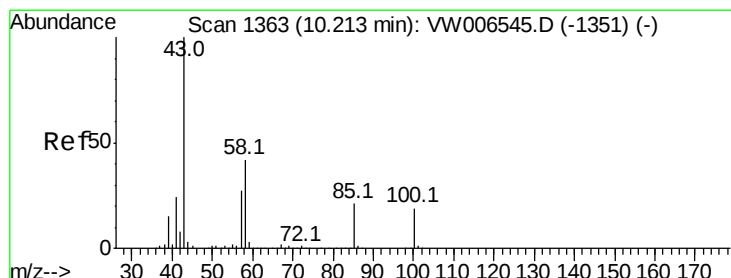
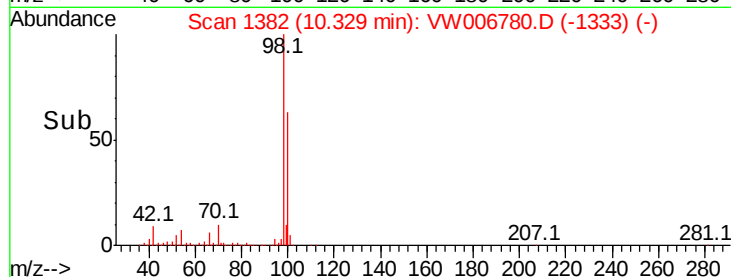
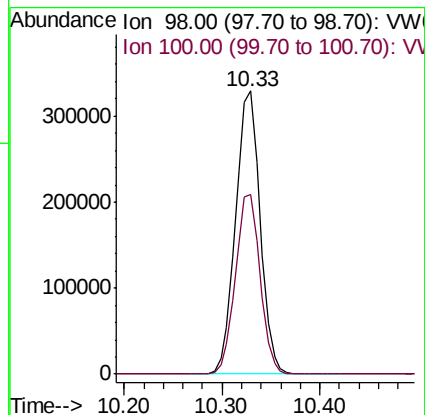
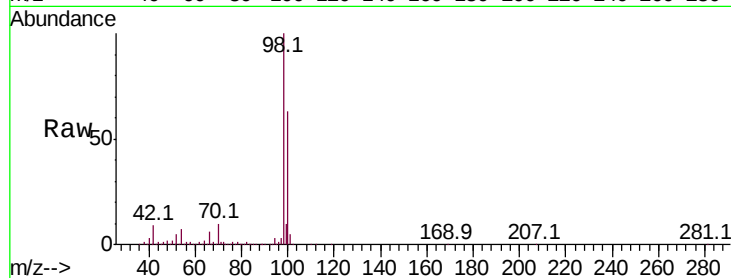
TS-IRE

Tot Ion: 98 Resp: 573901

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.109 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW006780.D

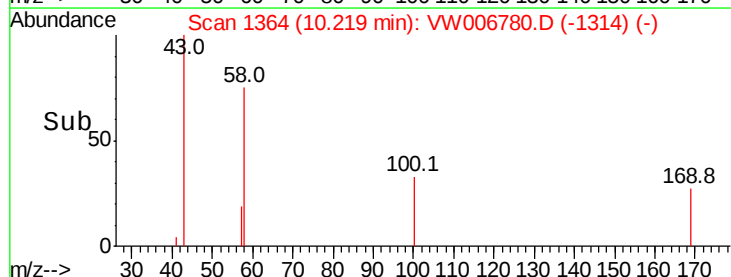
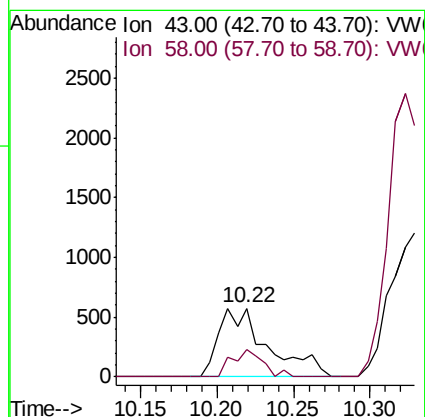
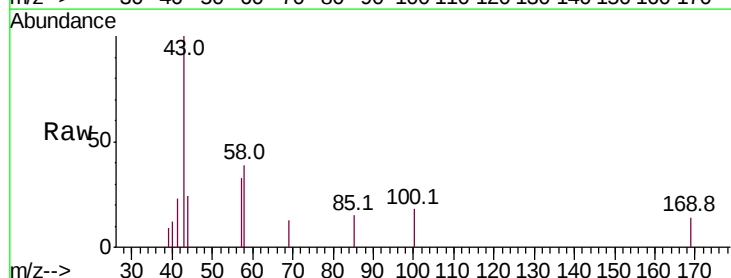
Acq: 08 Nov 2018 21:24

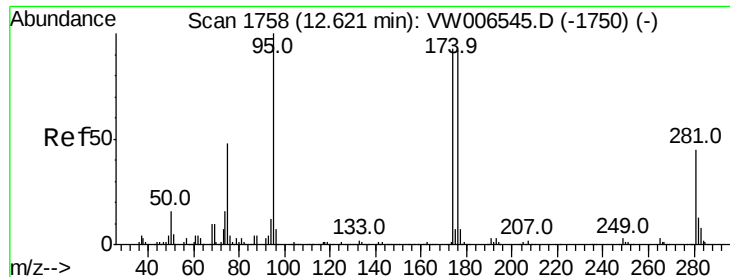
Tgt Ion: 43 Resp: 1278

Ion Ratio Lower Upper

43 100

58 24.9 33.4 50.0#

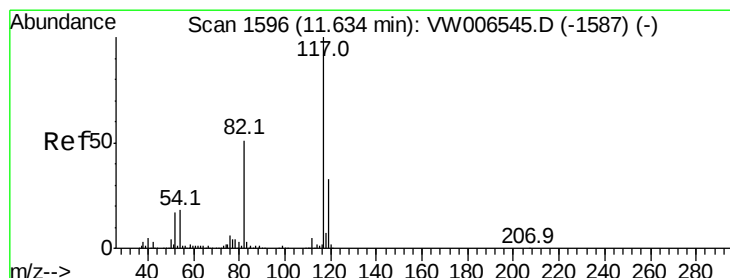
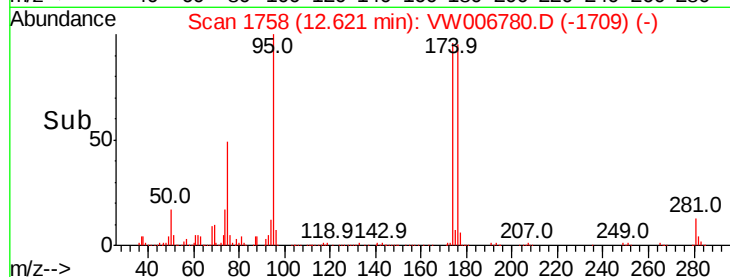
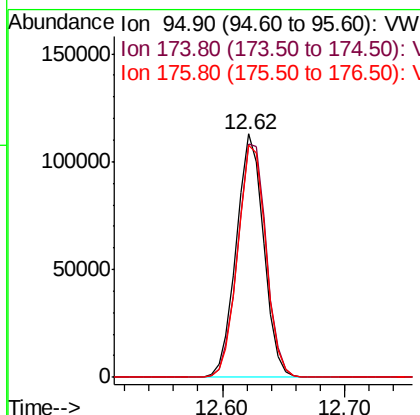
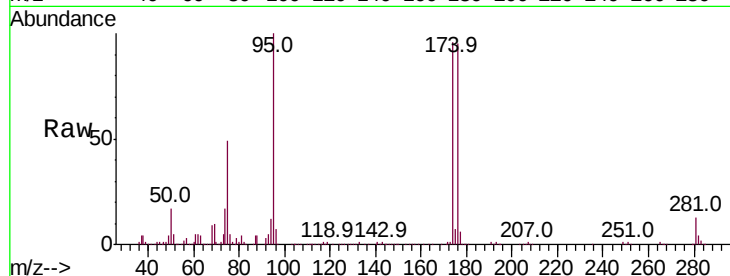




#62
4-Bromofluorobenzene
Concen: 54.530 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006780.D
Acq: 08 Nov 2018 21:24

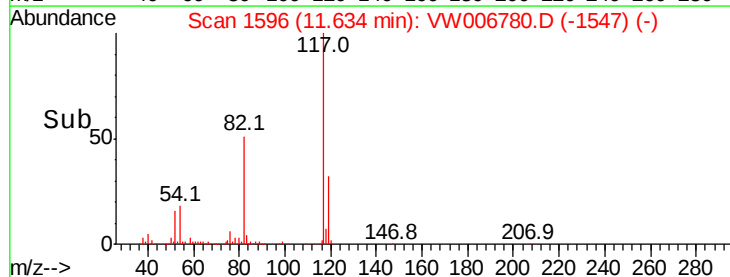
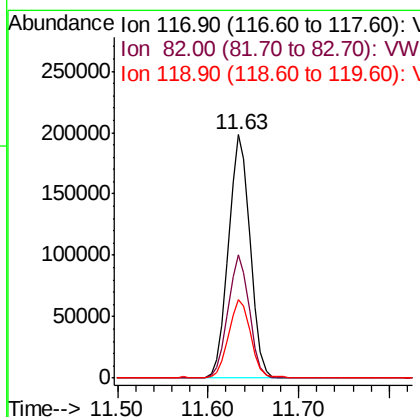
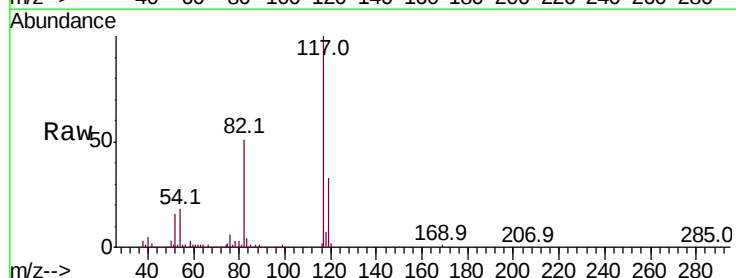
Instrument :
MSVOA_W
ClientSampled :
TS-IRE

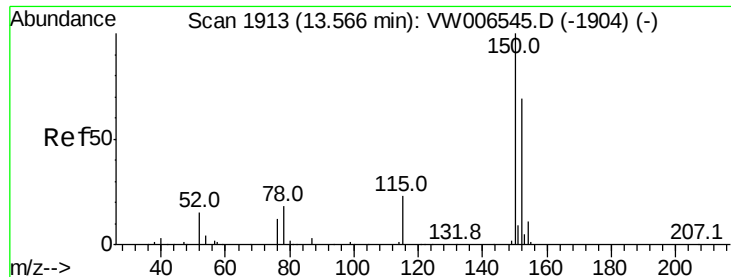
Tot Ion: 95 Resp: 174253
Ion Ratio Lower Upper
95 100
174 100.5 0.0 192.4
176 98.0 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006780.D
Acq: 08 Nov 2018 21:24

Tgt Ion: 117 Resp: 327350
Ion Ratio Lower Upper
117 100
82 50.6 40.8 61.2
119 32.3 26.1 39.1



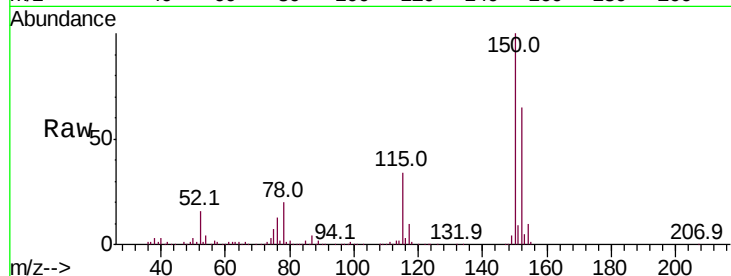


#72

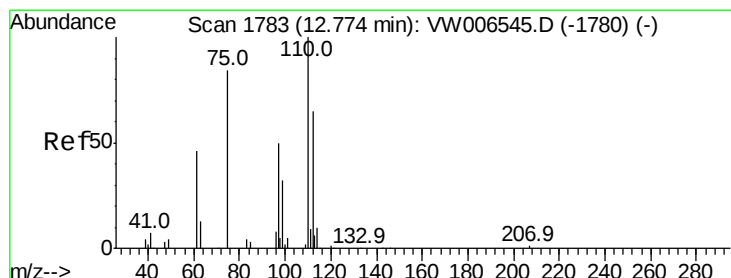
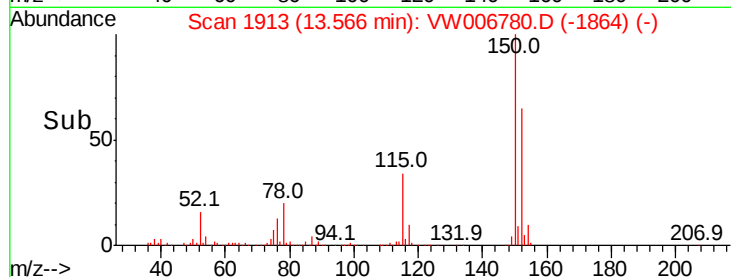
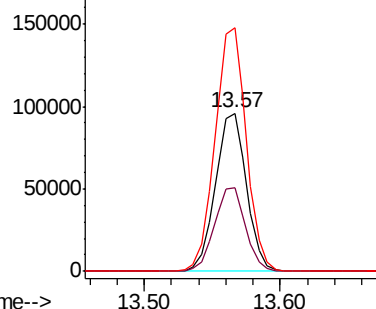
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006780.D
Acq: 08 Nov 2018 21:24

Instrument :
MSVOA_W
ClientSampleId :
TS-IRE

Tot Ion:152 Resp: 153139
Ion Ratio Lower Upper
152 100
115 52.7 26.6 79.8
150 154.5 0.0 344.6



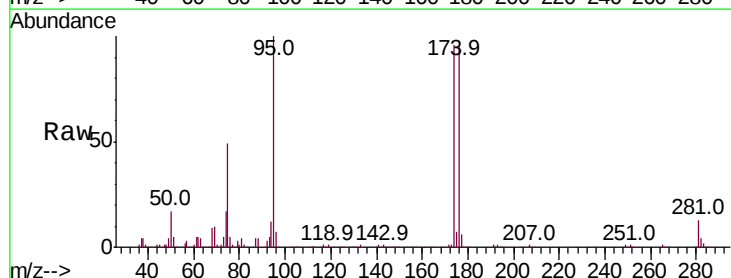
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



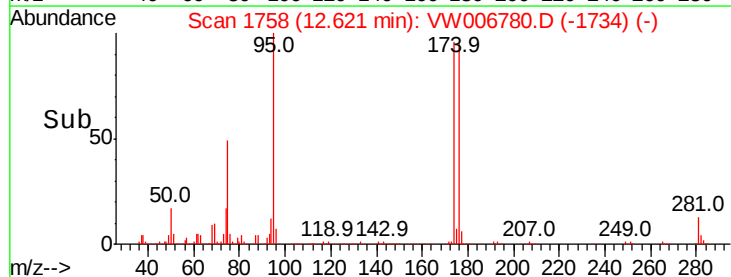
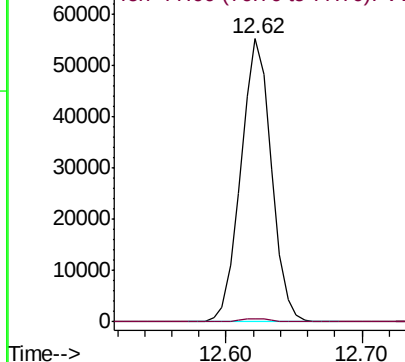
#76

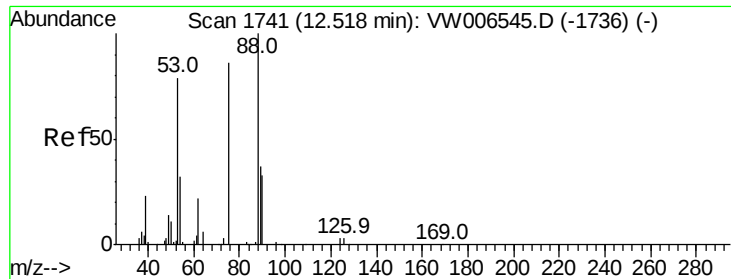
1,2,3-Trichloropropane
Concen: 72.408 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006780.D
Acq: 08 Nov 2018 21:24

Tgt Ion: 75 Resp: 86515
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: 180.197 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006780.D

Acq: 08 Nov 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

TS-IRE

Tot Ion: 75 Resp: 86515

Ion Ratio Lower Upper

75 100

53 0.1 77.2 115.8#

89 0.0 38.6 58.0#

