

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006693.D
 Acq On : 06 Nov 2018 18:17
 Operator : SY/AP
 Sample : J5769-16
 Misc : 5.54G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GOFFLE-RD-1

Quant Time: Nov 07 11:28:26 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	274956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	411592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	376205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	191377	50.00	ug/l	0.00

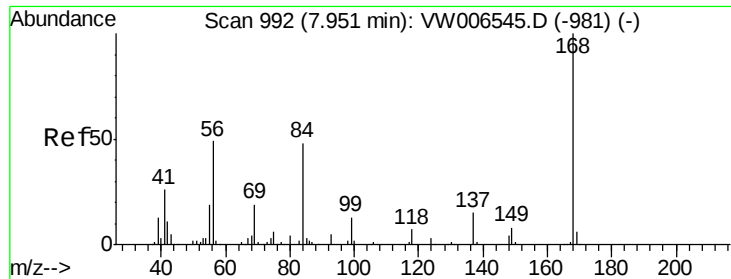
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112465	47.58	ug/l	0.00
Spiked Amount						
			Recovery	=	95.16%	
35) Dibromofluoromethane	7.89	113	118673	45.94	ug/l	0.00
Spiked Amount						
			Recovery	=	91.88%	
50) Toluene-d8	10.33	98	436722	44.41	ug/l	0.00
Spiked Amount						
			Recovery	=	88.82%	
62) 4-Bromofluorobenzene	12.62	95	143834	40.35	ug/l	0.00
Spiked Amount						
			Recovery	=	80.70%	

Target Compounds

					Qvalue	
8) Diethyl Ether	3.68	74	1910	1.607	ug/l	78
16) Acetone	4.15	43	3754	9.838	ug/l #	84
29) Tetrahydrofuran	7.54	42	380	1.110	ug/l #	50
31) Cyclohexane	7.95	56	4441	1.180	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	17106	4.726	ug/l #	48
38) Carbon Tetrachloride	7.95	117	23759	6.282	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1688	1.313	ug/l #	1
52) Toluene	10.39	92	10716	1.554	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	70581	47.269	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	70581	118.560	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006693.D

Acq: 06 Nov 2018 18:17

Instrument :

MSVOA_W

ClientSampleId :

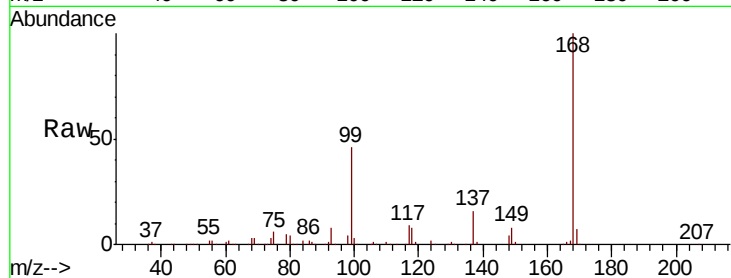
GOFFLE-RD-1

Tot Ion:168 Resp: 274956

Ion Ratio Lower Upper

168 100

99 46.4 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

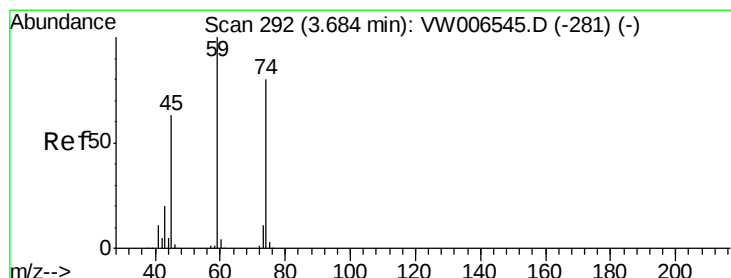
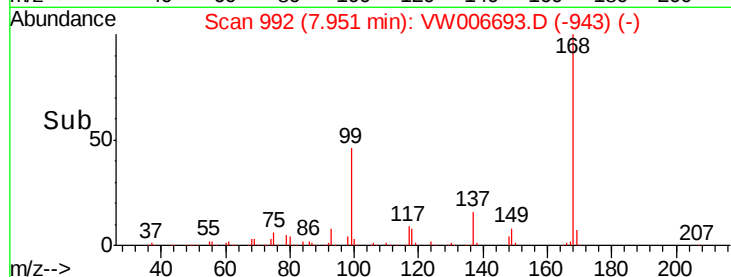
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.607 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006693.D

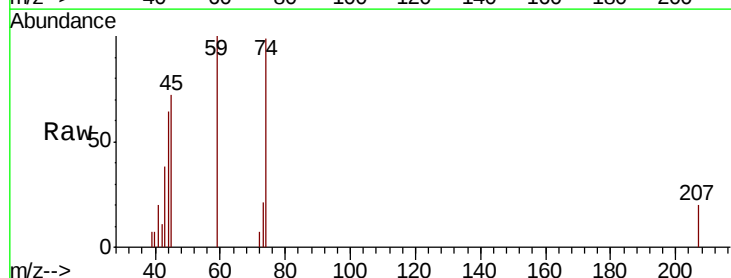
Acq: 06 Nov 2018 18:17

Tgt Ion: 74 Resp: 1910

Ion Ratio Lower Upper

74 100

45 101.6 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

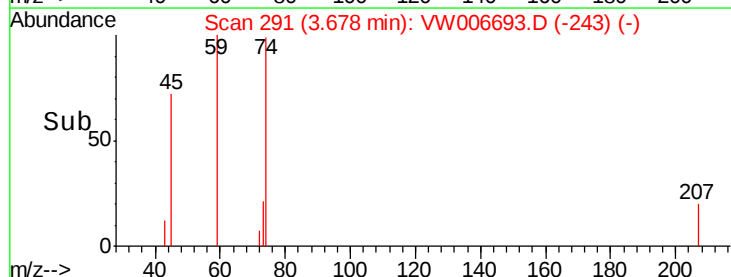
600

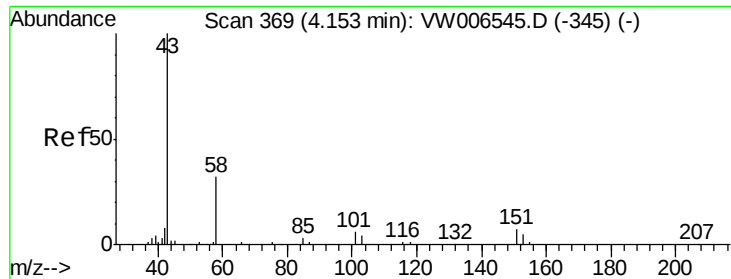
400

200

0

Time-->





#16

Acetone

Concen: 9.838 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006693.D

Acq: 06 Nov 2018 18:17

Instrument :

MSVOA_W

ClientSampleId :

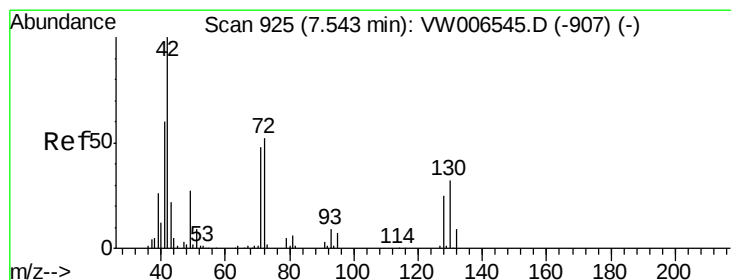
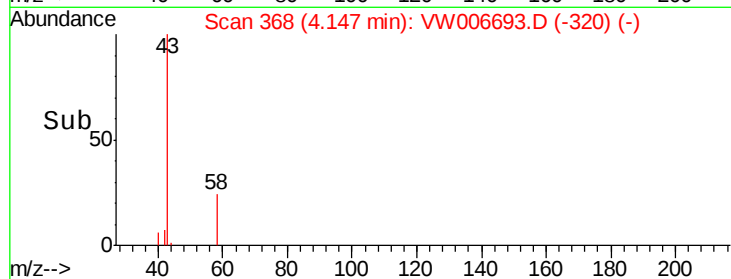
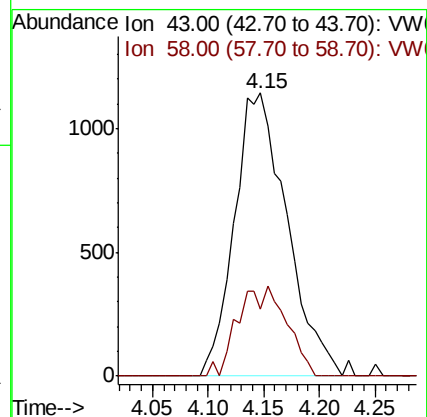
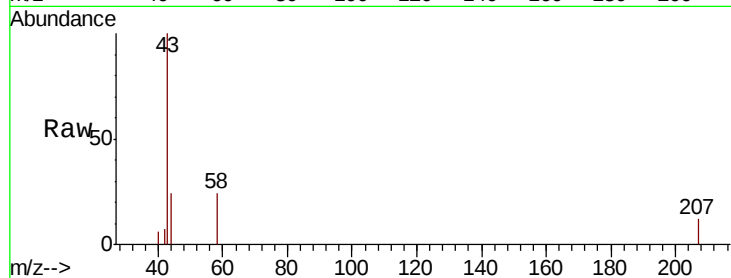
GOFFLE-RD-1

Tot Ion: 43 Resp: 3754

Ion Ratio Lower Upper

43 100

58 23.5 25.8 38.8#



#29

Tetrahydrofuran

Concen: 1.110 ug/l

RT: 7.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: VW006693.D

Acq: 06 Nov 2018 18:17

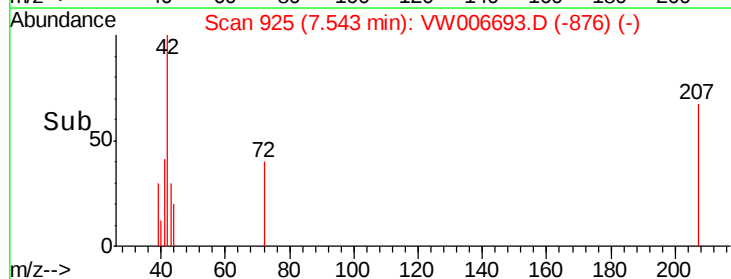
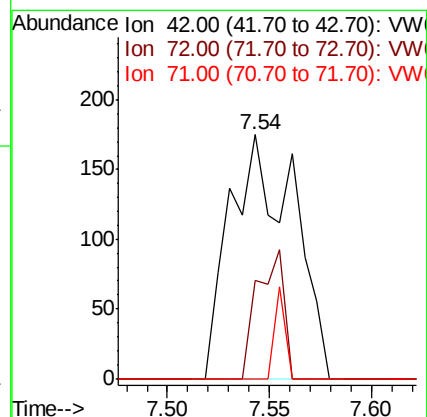
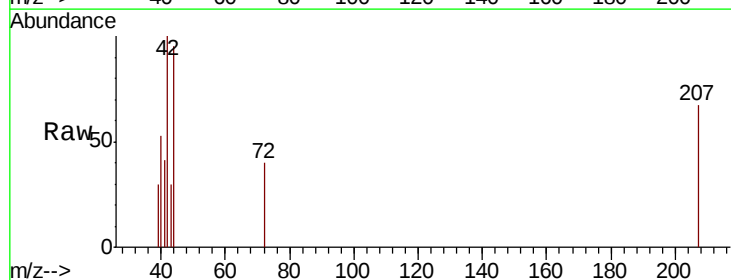
Tgt Ion: 42 Resp: 380

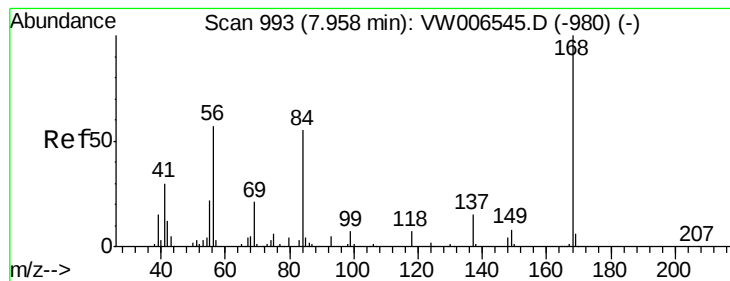
Ion Ratio Lower Upper

42 100

72 22.1 39.2 58.8#

71 6.3 37.6 56.4#





#31

Cyclohexane

Concen: 1.180 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006693.D

Acq: 06 Nov 2018 18:17

Instrument :

MSVOA_W

ClientSampled :

GOFFLE-RD-1

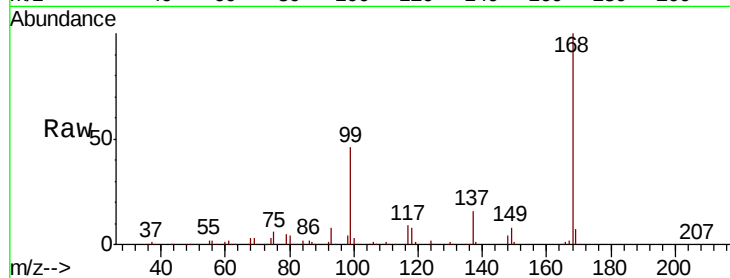
Tot Ion: 56 Resp: 4441

Ion Ratio Lower Upper

56 100

69 165.6 29.0 43.4#

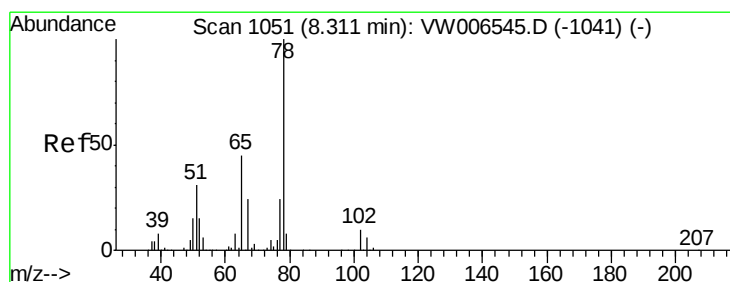
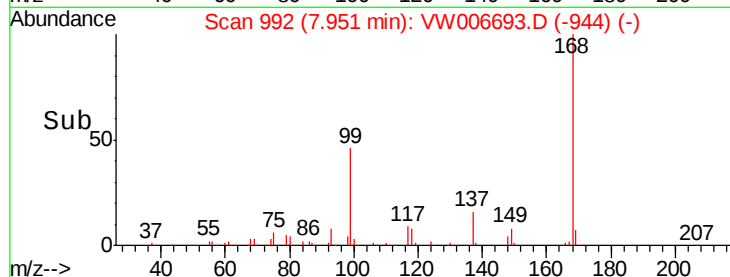
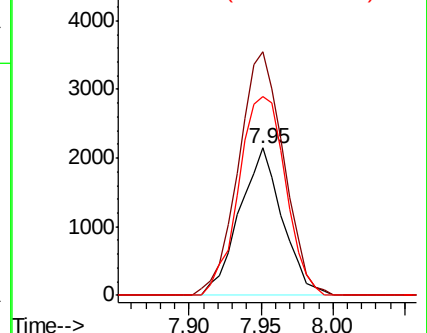
84 135.5 77.8 116.6#



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: 47.584 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006693.D

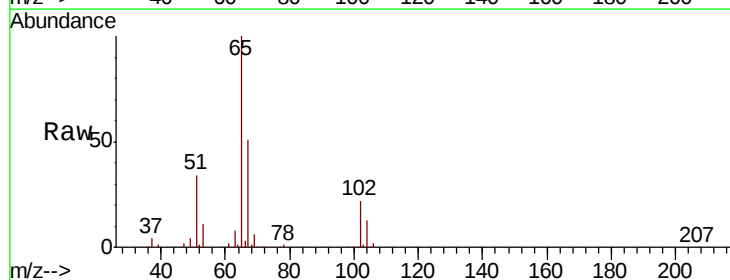
Acq: 06 Nov 2018 18:17

Tgt Ion: 65 Resp: 112465

Ion Ratio Lower Upper

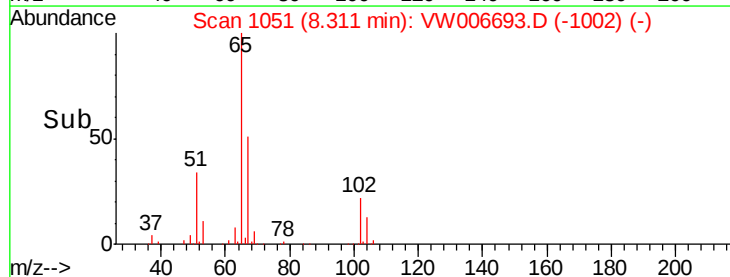
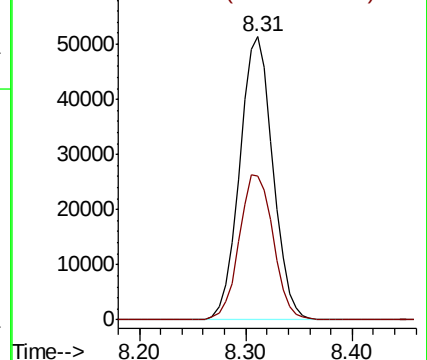
65 100

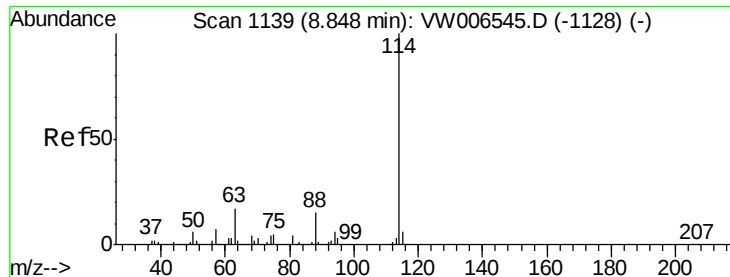
67 52.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

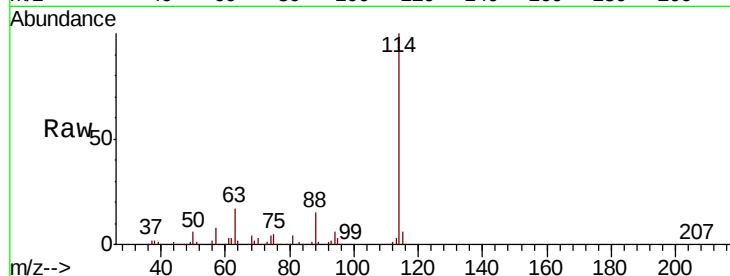




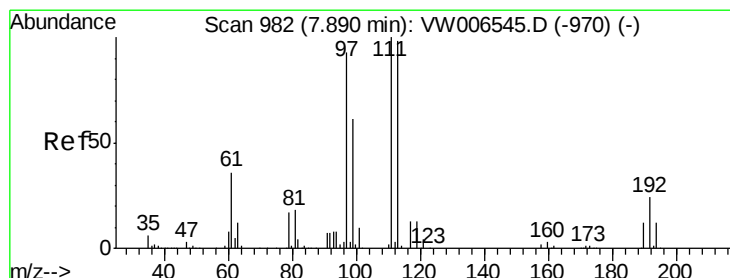
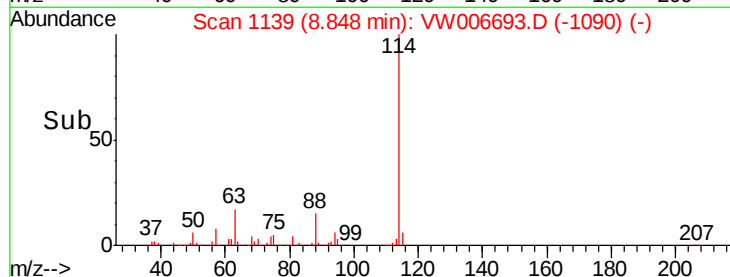
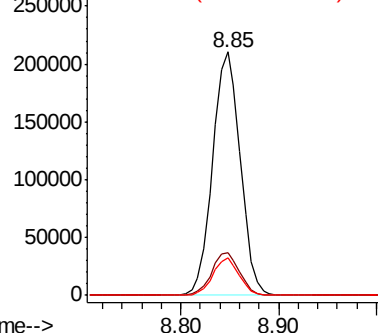
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006693.D
 Acq: 06 Nov 2018 18:17

Instrument :
 MSVOA_W
 ClientSampleId :
 GOFFLE-RD-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	34.4
88	15.2	0.0	29.0

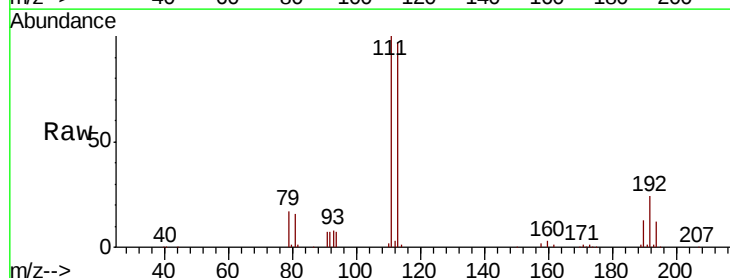


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

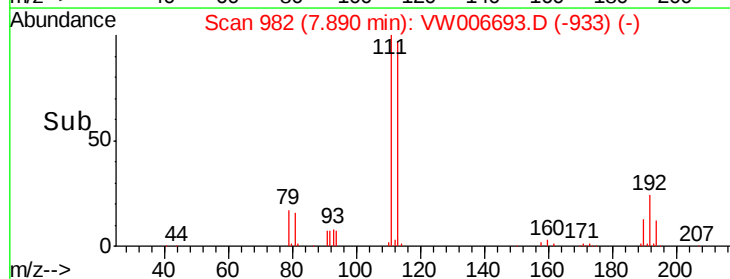
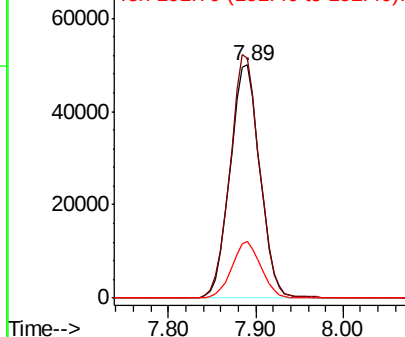


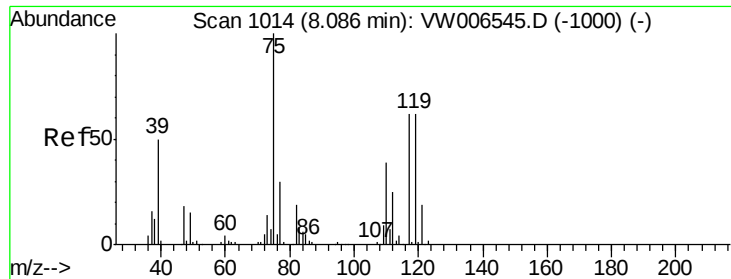
#35
 Dibromofluoromethane
 Concen: 45.943 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006693.D
 Acq: 06 Nov 2018 18:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.2
192	23.8	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

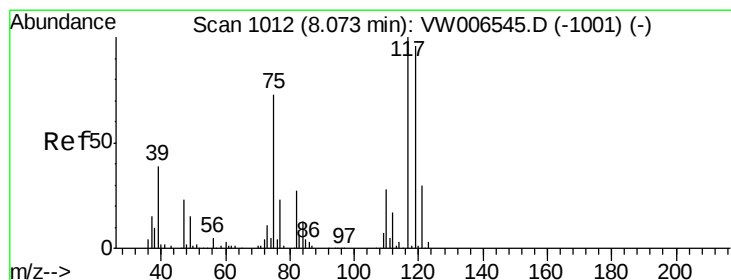
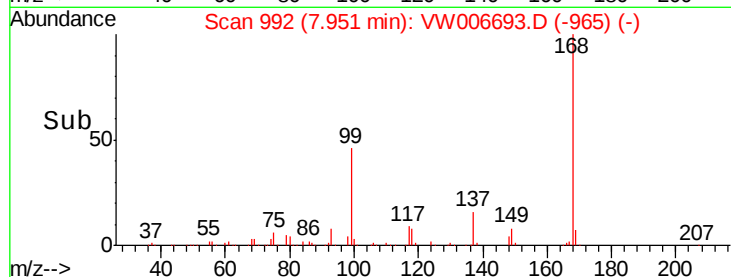
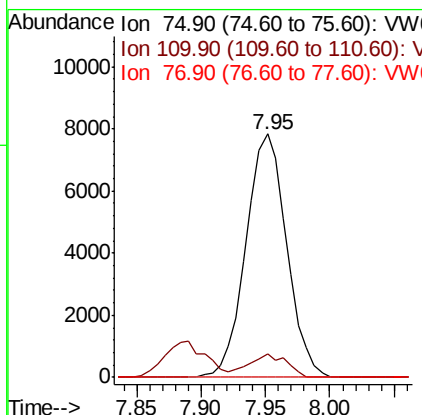
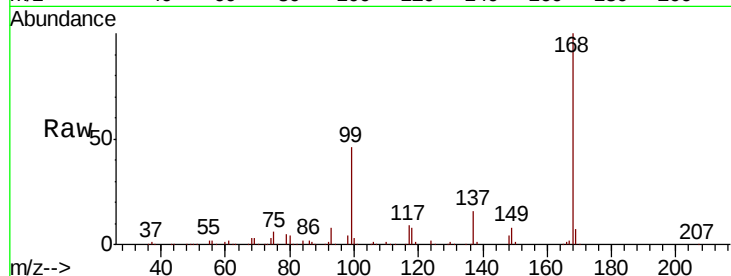




#36
 1,1-Dichloropropene
 Concen: 4.726 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006693.D
 Acq: 06 Nov 2018 18:17

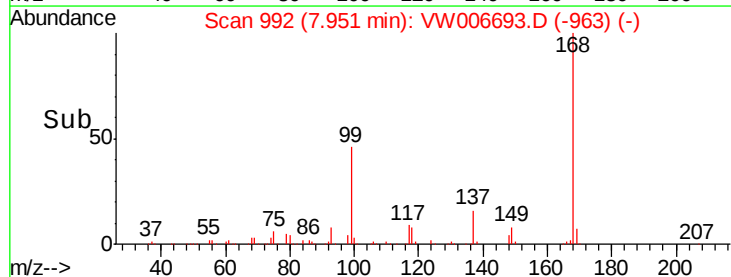
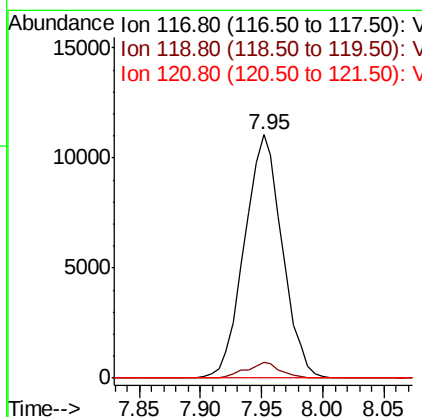
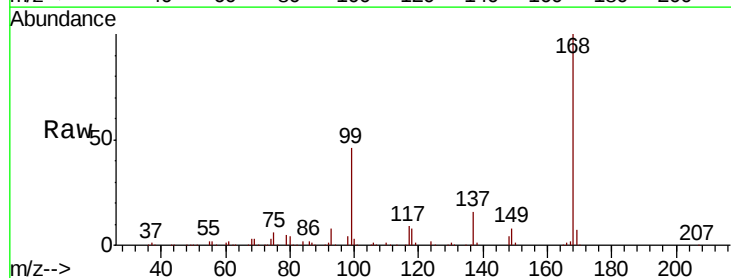
Instrument :
 MSVOA_W
 ClientSampleId :
 GOFFLE-RD-1

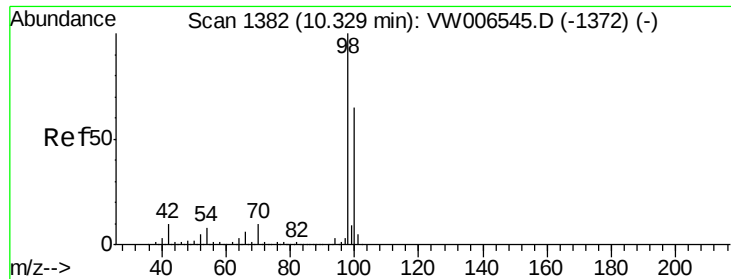
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.282 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006693.D
 Acq: 06 Nov 2018 18:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.3	114.5#
121	0.0	24.1	36.1#

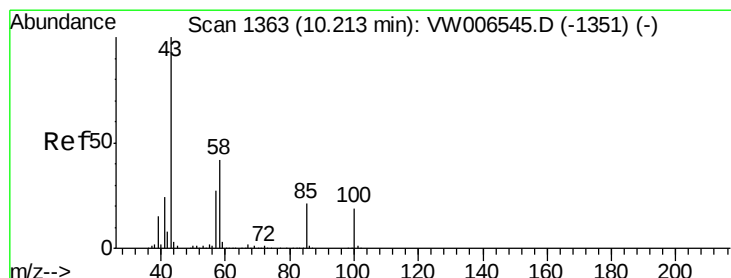
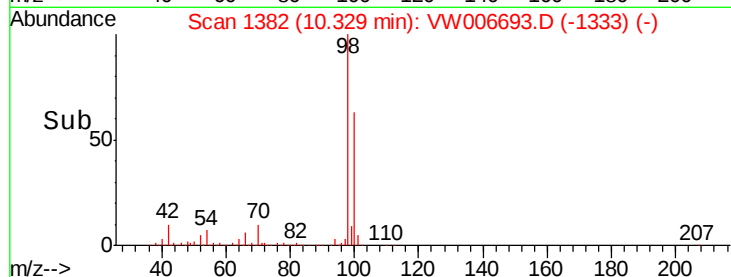
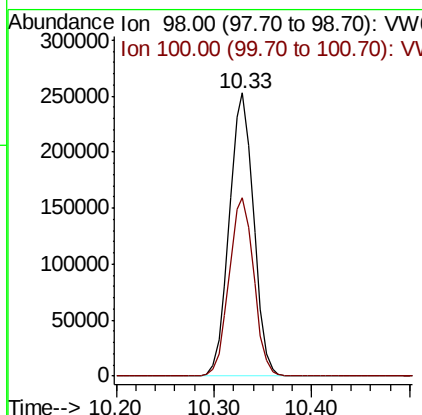
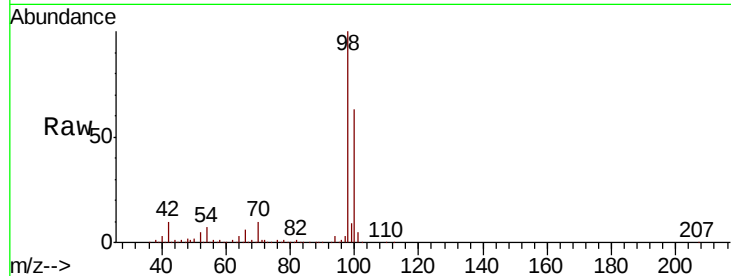




#50
Toluene-d8
Concen: 44.413 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006693.D
Acq: 06 Nov 2018 18:17

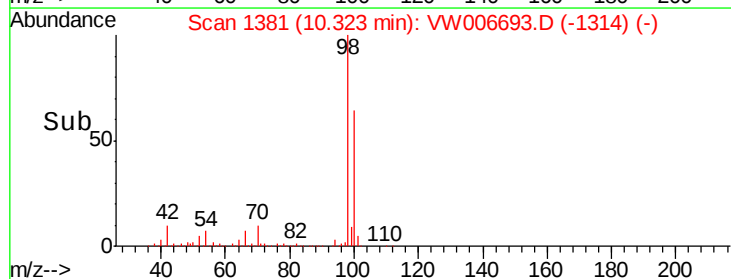
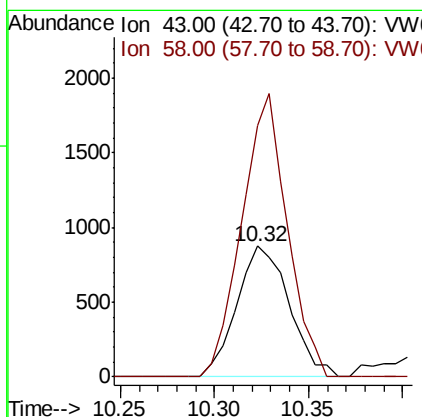
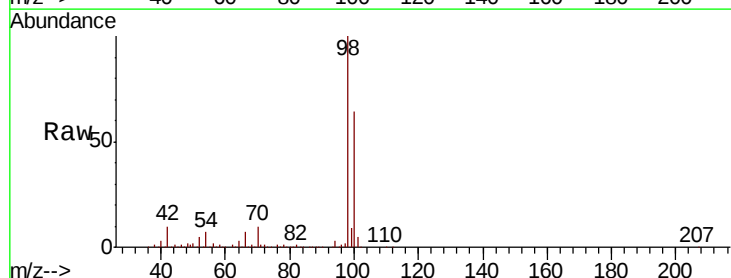
Instrument :
MSVOA_W
ClientSampleId :
GOFFLE-RD-1

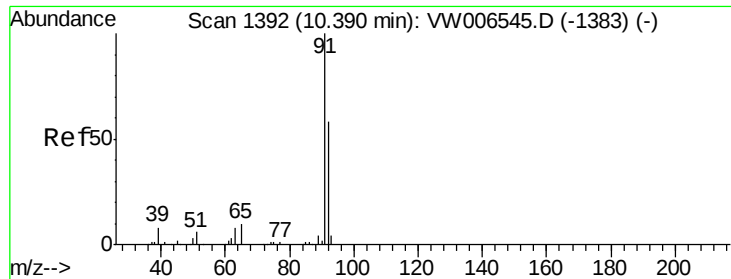
Tot Ion: 98 Resp: 436722
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.313 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.11 min
Lab File: VW006693.D
Acq: 06 Nov 2018 18:17

Tgt Ion: 43 Resp: 1688
Ion Ratio Lower Upper
43 100
58 187.9 33.4 50.0#





#52

Toluene

Concen: 1.554 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006693.D

Acq: 06 Nov 2018 18:17

Instrument :

MSVOA_W

ClientSampleId :

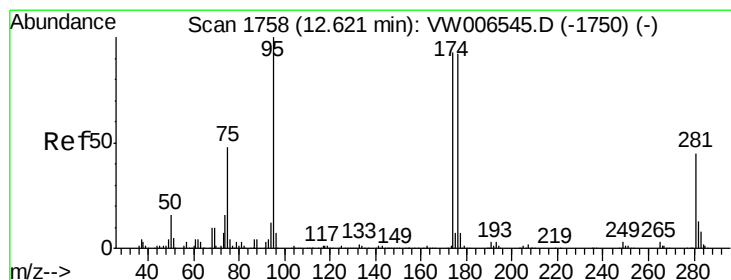
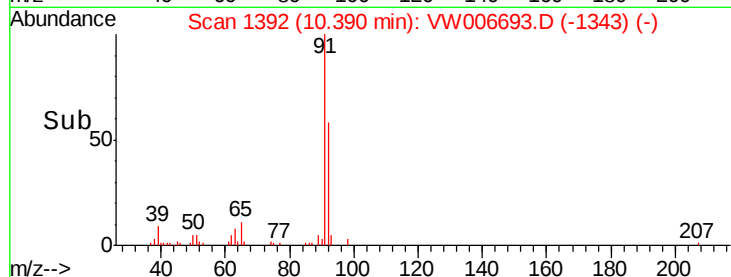
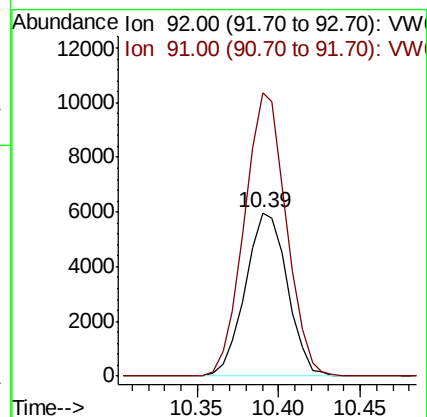
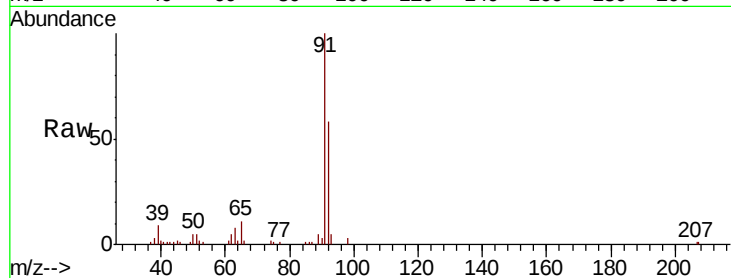
GOFFLE-RD-1

Tot Ion: 92 Resp: 10716

Ion Ratio Lower Upper

92 100

91 172.5 138.6 208.0



#62

4-Bromofluorobenzene

Concen: 40.347 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006693.D

Acq: 06 Nov 2018 18:17

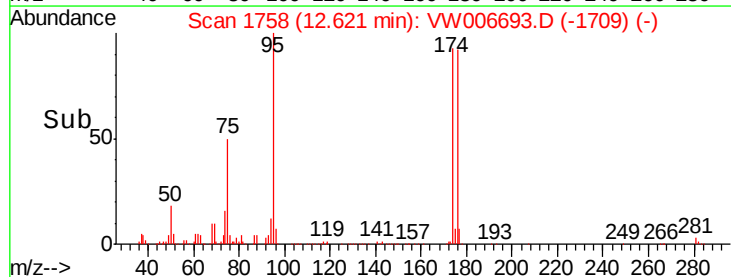
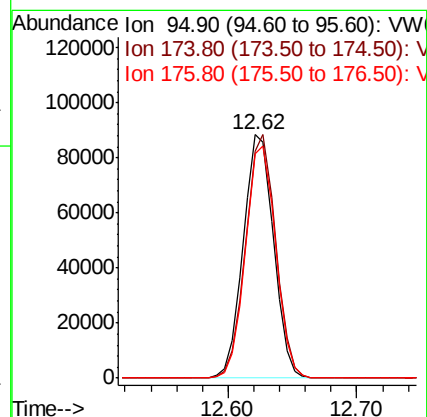
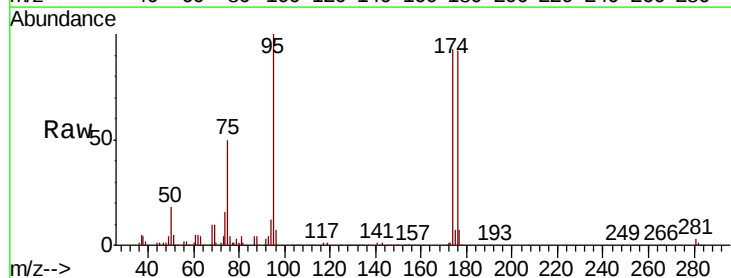
Tgt Ion: 95 Resp: 143834

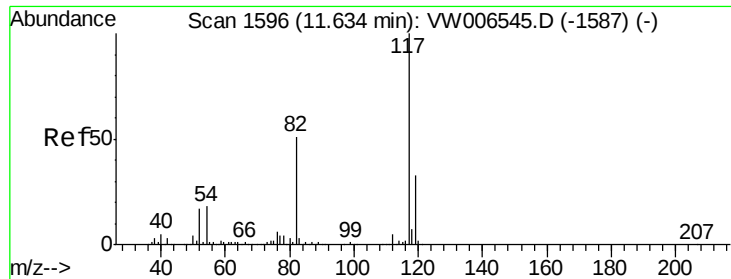
Ion Ratio Lower Upper

95 100

174 98.6 0.0 192.4

176 95.0 0.0 187.4

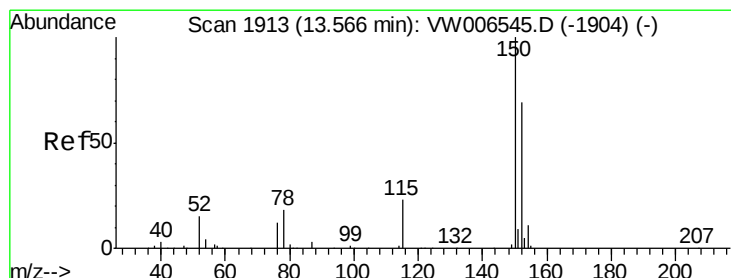
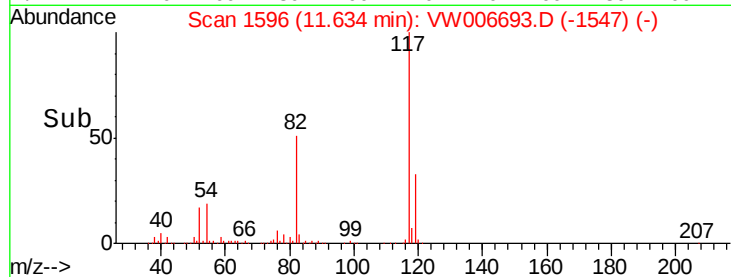
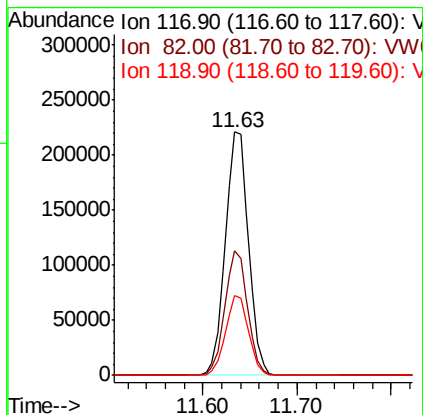
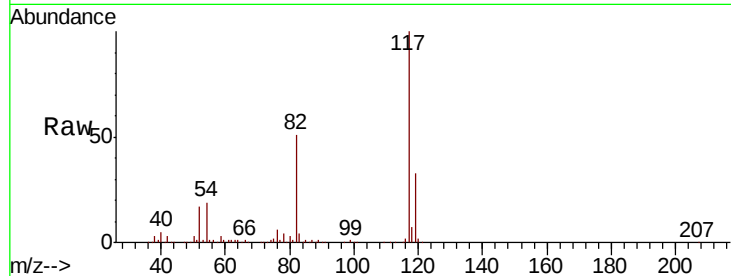




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006693.D
Acq: 06 Nov 2018 18:17

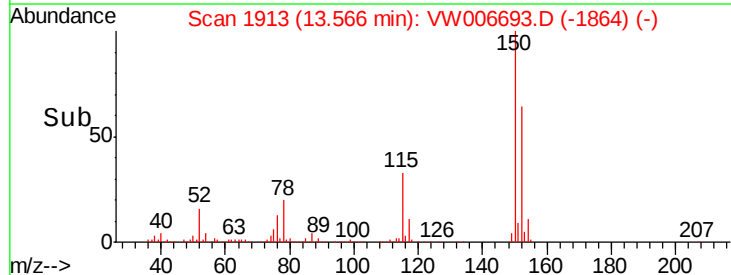
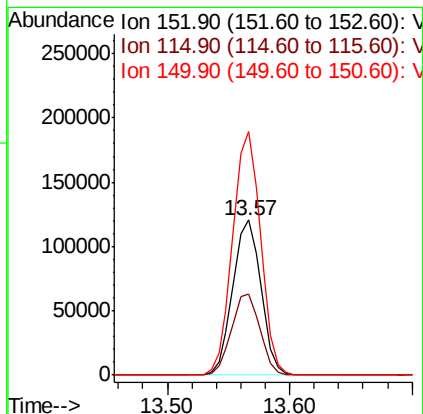
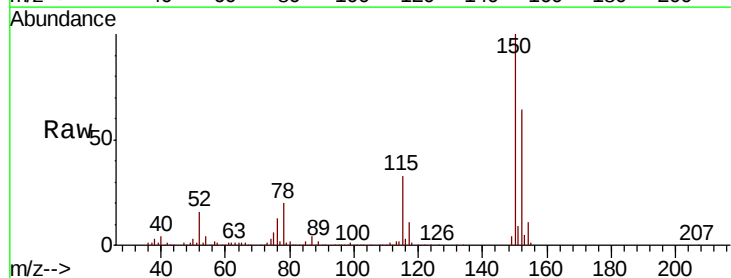
Instrument :
MSVOA_W
ClientSampleId :
GOFFLE-RD-1

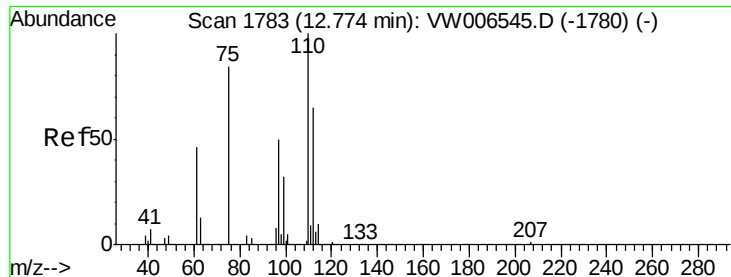
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	40.8	61.2
119	33.0	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006693.D
Acq: 06 Nov 2018 18:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	26.6	79.8
150	155.8	0.0	344.6





#76

1,2,3-Trichloropropane

Concen: 47.269 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006693.D

Acq: 06 Nov 2018 18:17

Instrument :

MSVOA_W

ClientSampleId :

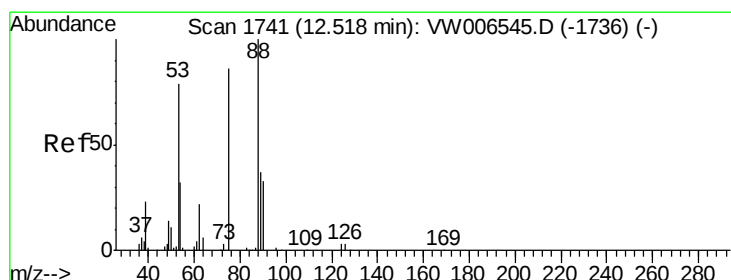
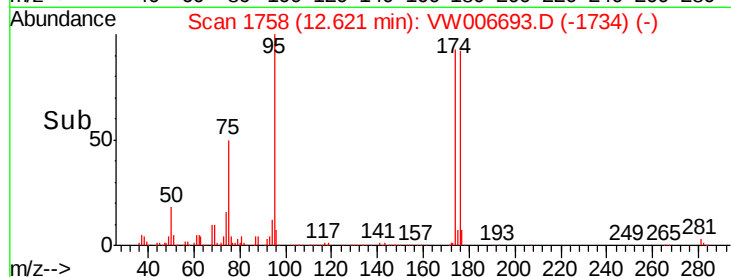
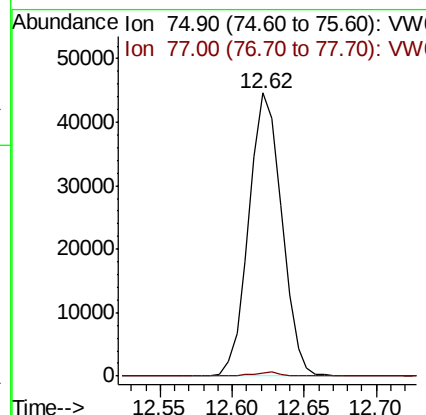
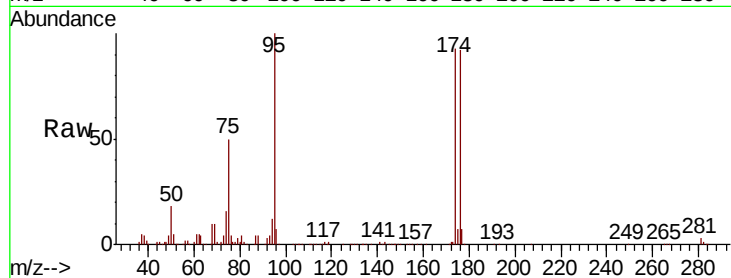
GOFFLE-RD-1

Tot Ion: 75 Resp: 70581

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 118.560 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006693.D

Acq: 06 Nov 2018 18:17

Tgt Ion: 75 Resp: 70581

Ion Ratio Lower Upper

75 100

53 0.1 77.2 115.8#

89 0.0 38.6 58.0#

