

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006695.D
 Acq On : 06 Nov 2018 19:08
 Operator : SY/AP
 Sample : J5769-20
 Misc : 5.31G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GOFFLE-RD-3

Quant Time: Nov 07 11:28:46 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

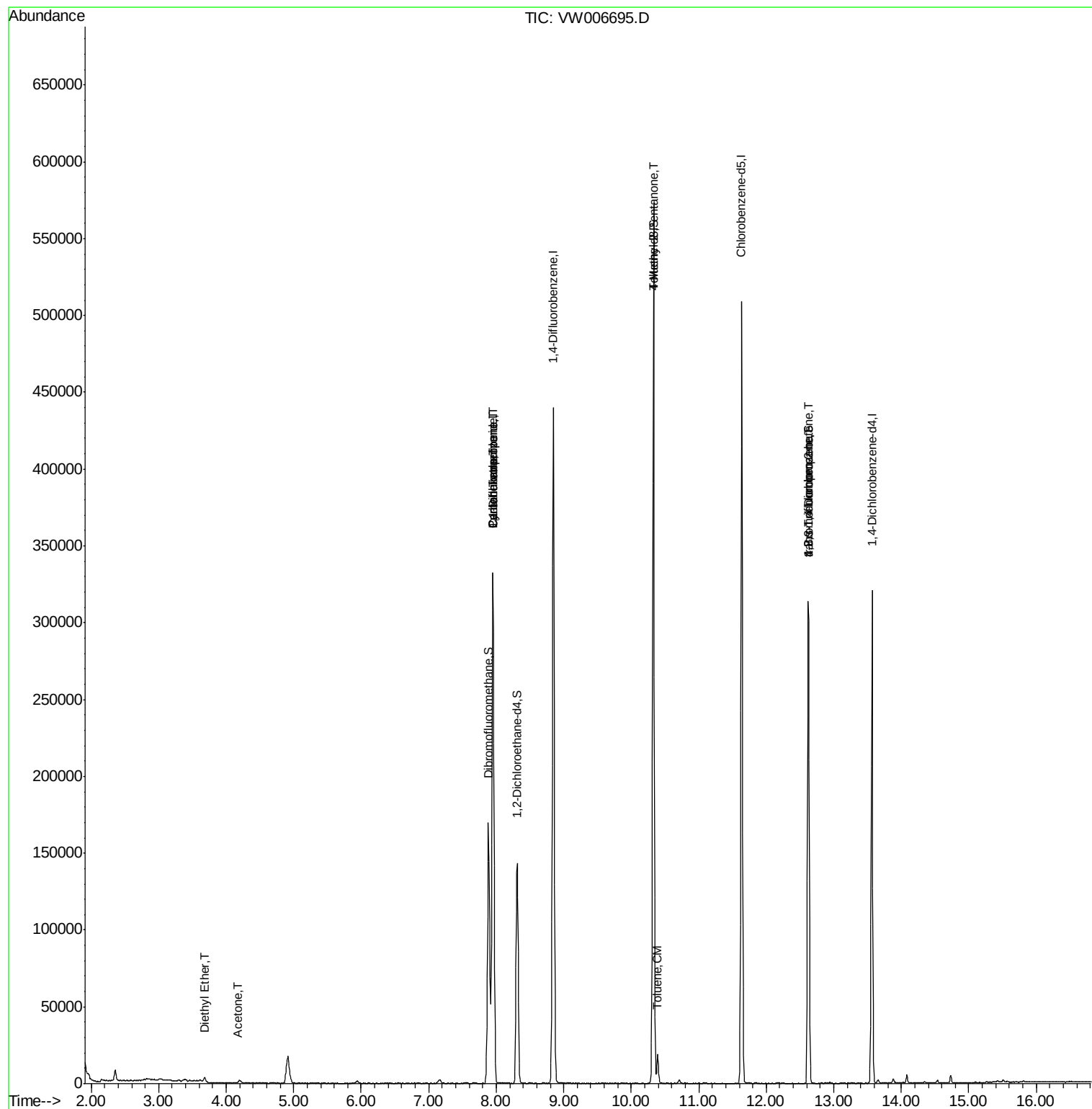
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	270015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	402586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	306426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	91625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	114285	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
35) Dibromofluoromethane	7.88	113	120121	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
50) Toluene-d8	10.33	98	393715	40.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.86%	
62) 4-Bromofluorobenzene	12.62	95	98473	28.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.48%	
Target Compounds						
8) Diethyl Ether	3.68	74	2146	1.838	ug/l	69
16) Acetone	4.16	43	639	1.705	ug/l	99
31) Cyclohexane	7.95	56	4209	1.138	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16523	4.667	ug/l #	48
38) Carbon Tetrachloride	7.95	117	22961	6.207	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1437	1.143	ug/l #	1
52) Toluene	10.39	92	7868	1.167	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	48445	67.766	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	48445	168.817	ug/l #	11

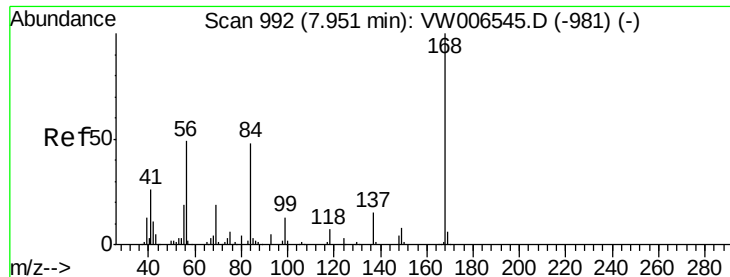
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110618\
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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: VW006695.D

Acq: 06 Nov 2018 19:08

Instrument :

MSVOA_W

ClientSampled :

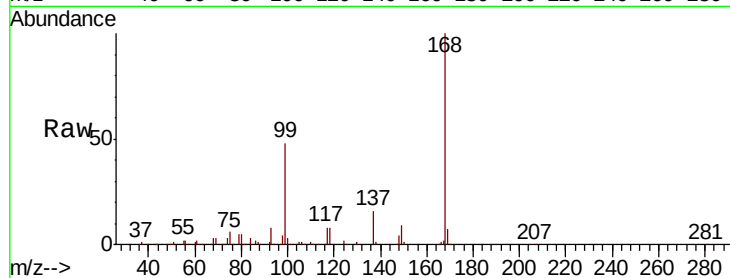
GOFFLE-RD-3

Tot Ion:168 Resp: 270015

Ion Ratio Lower Upper

168 100

99 48.3 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

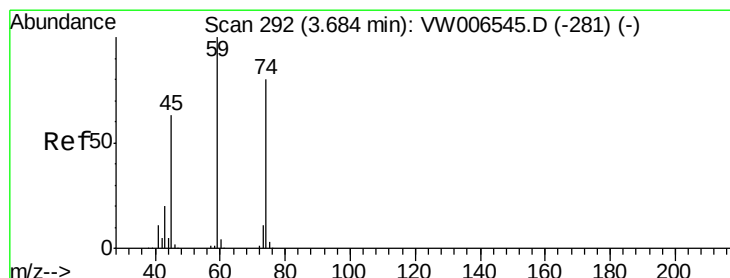
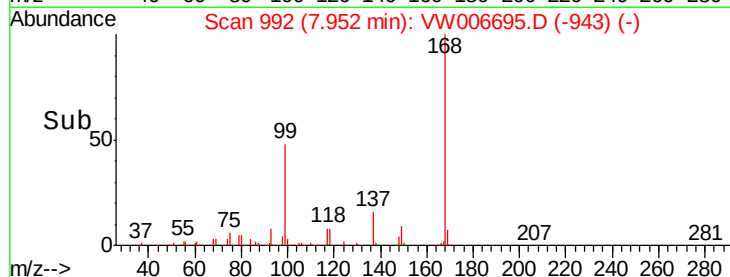
100000

50000

0

Time-->

7.90 8.00



#8

Diethyl Ether

Concen: 1.838 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006695.D

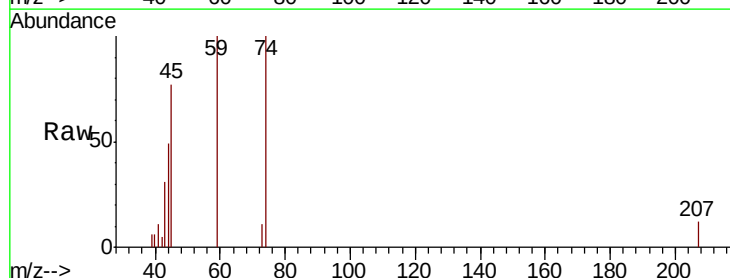
Acq: 06 Nov 2018 19:08

Tgt Ion: 74 Resp: 2146

Ion Ratio Lower Upper

74 100

45 109.9 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

1200

1000

800

600

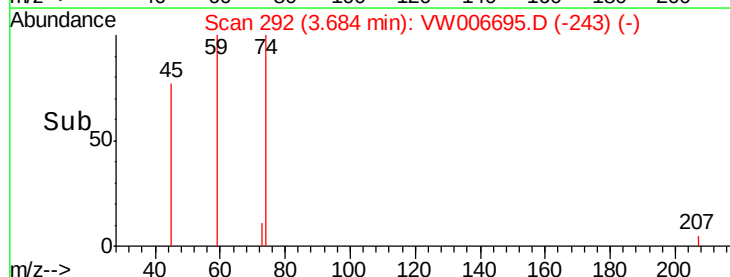
400

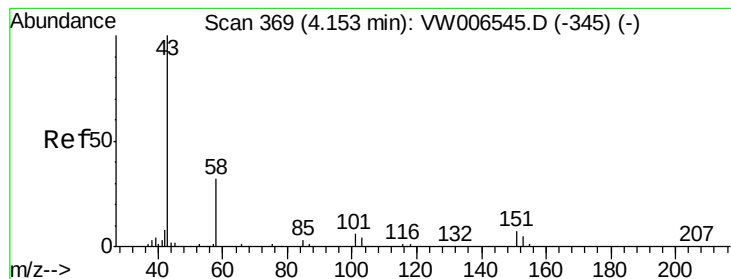
200

0

Time-->

3.60 3.65 3.70 3.75





#16

Acetone

Concen: 1.705 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW006695.D

Acq: 06 Nov 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

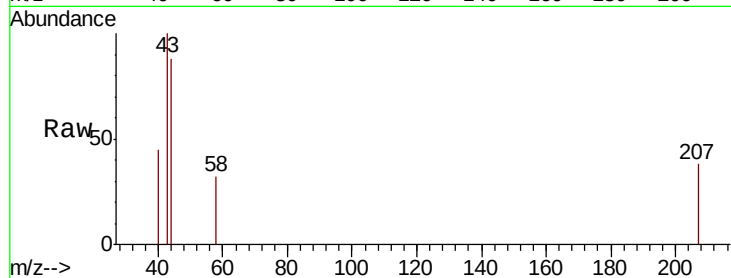
GOFFLE-RD-3

Tot Ion: 43 Resp: 639

Ion Ratio Lower Upper

43 100

58 32.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.16

200

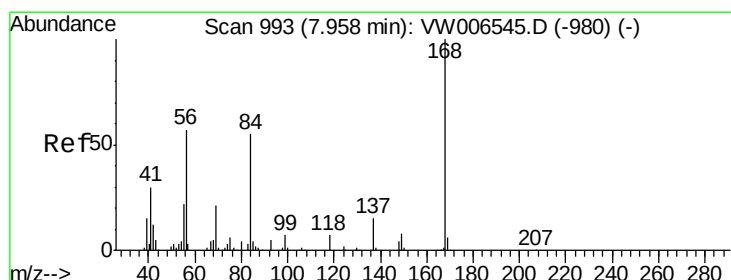
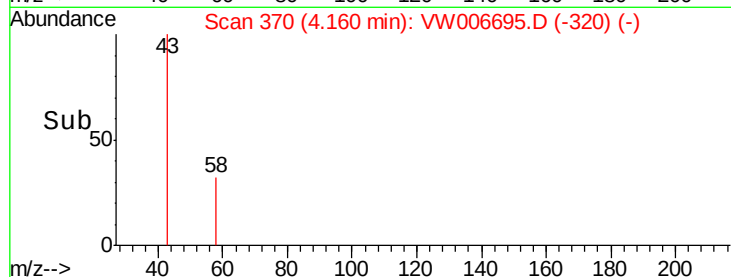
150

100

50

0

Time--> 4.05 4.10 4.15 4.20



#31

Cyclohexane

Concen: 1.138 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006695.D

Acq: 06 Nov 2018 19:08

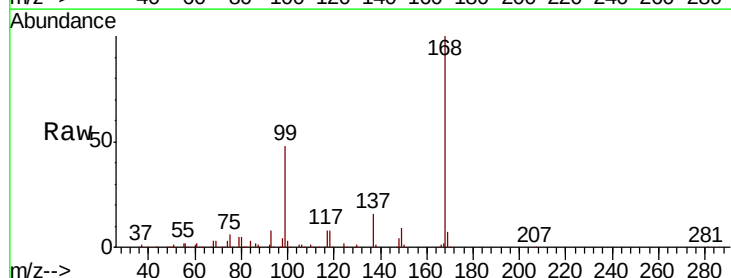
Tgt Ion: 56 Resp: 4209

Ion Ratio Lower Upper

56 100

69 188.0 29.0 43.4#

84 170.0 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

7.95

5000

4000

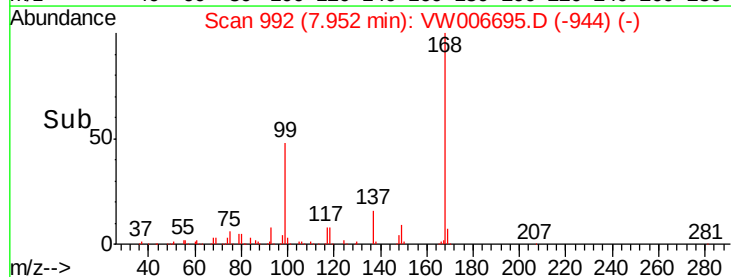
3000

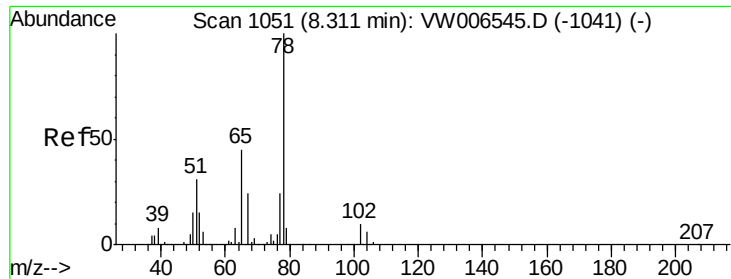
2000

1000

0

Time--> 7.85 7.90 7.95 8.00

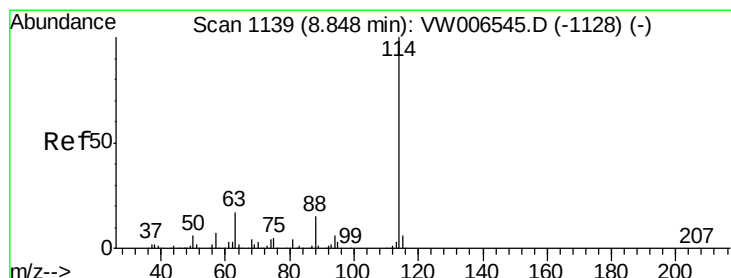
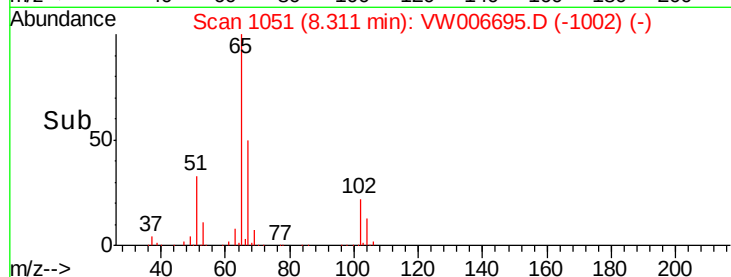
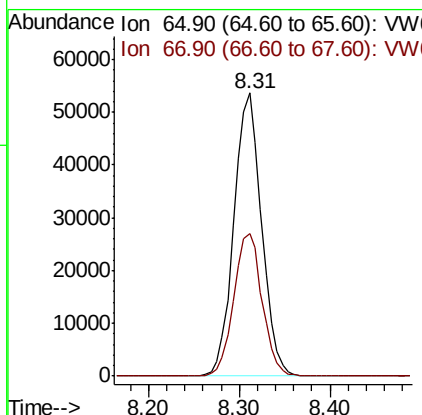
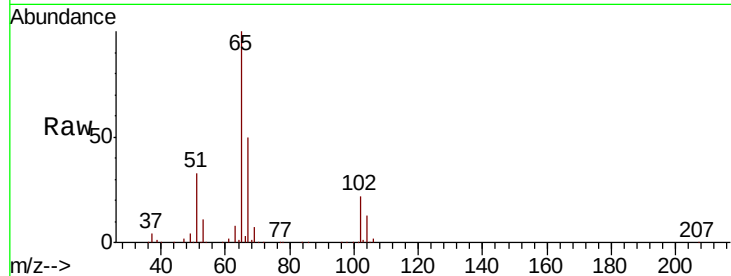




#33
 1,2-Dichloroethane-d4
 Concen: 49.239 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006695.D
 Acq: 06 Nov 2018 19:08

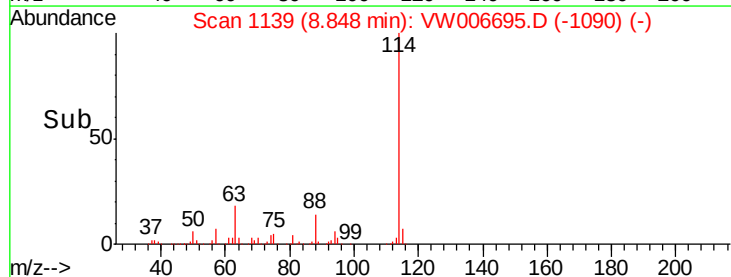
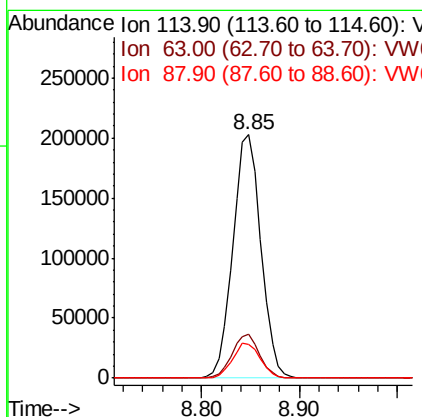
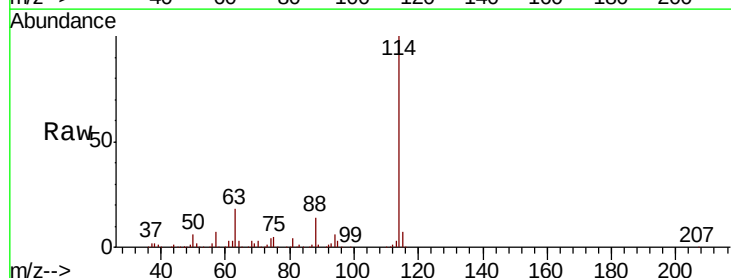
Instrument :
 MSVOA_W
 ClientSampleId :
 GOFFLE-RD-3

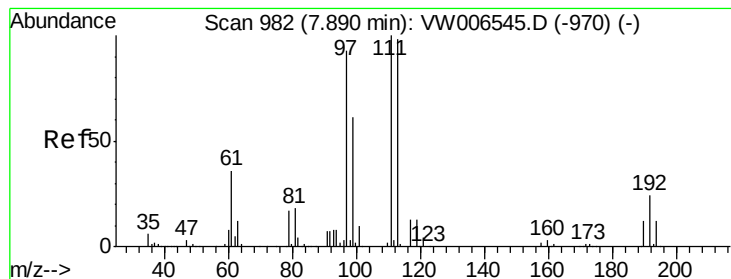
Tot Ion: 65 Resp: 114285
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006695.D
 Acq: 06 Nov 2018 19:08

Tgt Ion: 114 Resp: 402586
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.4
 88 14.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.544 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006695.D

Acq: 06 Nov 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

GOFFLE-RD-3

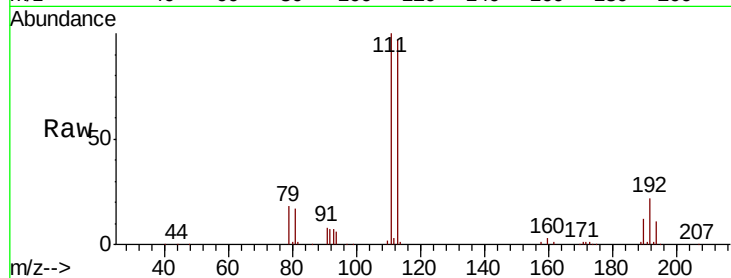
Tot Ion:113 Resp: 120121

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

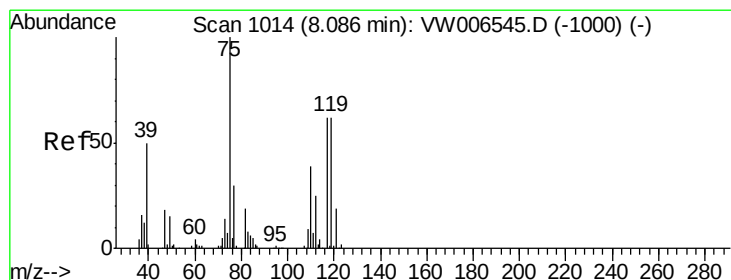
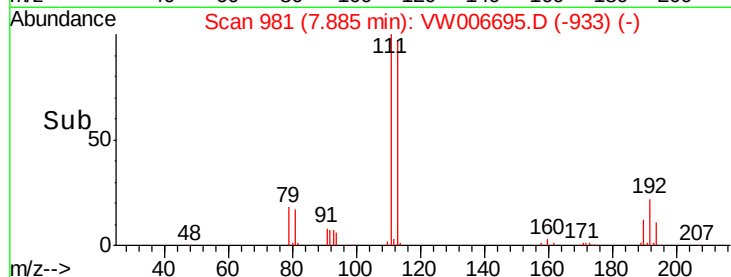
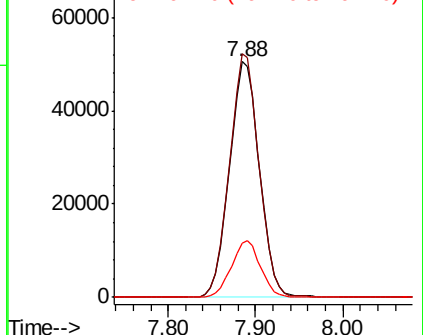
192 23.3 19.0 28.6



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: 4.667 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006695.D

Acq: 06 Nov 2018 19:08

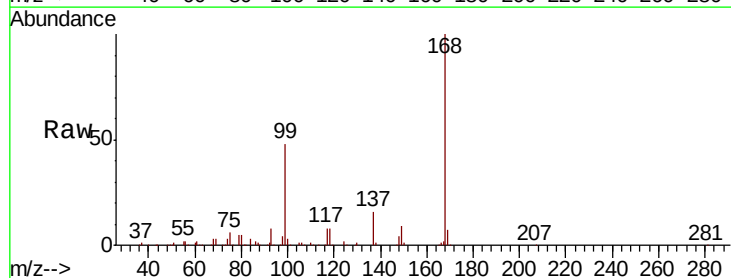
Tgt Ion: 75 Resp: 16523

Ion Ratio Lower Upper

75 100

110 9.6 19.5 58.5#

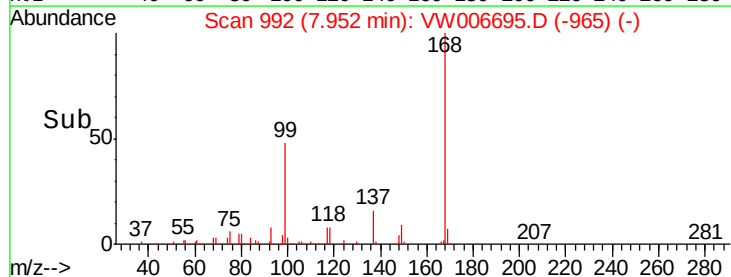
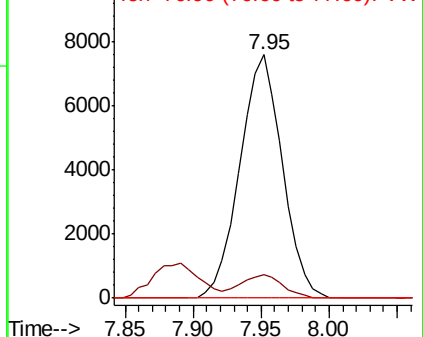
77 0.0 24.6 37.0#

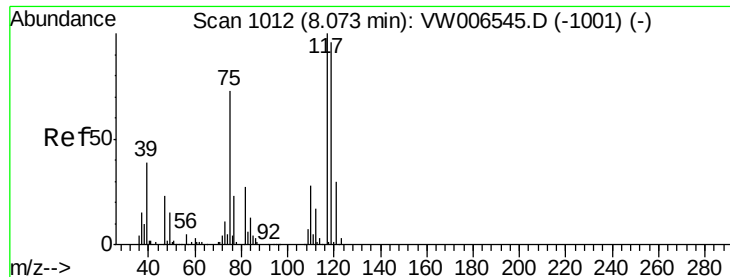


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

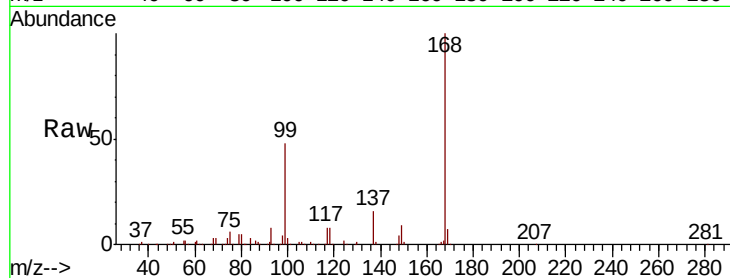




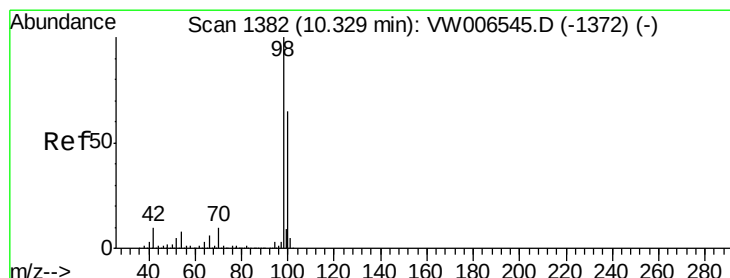
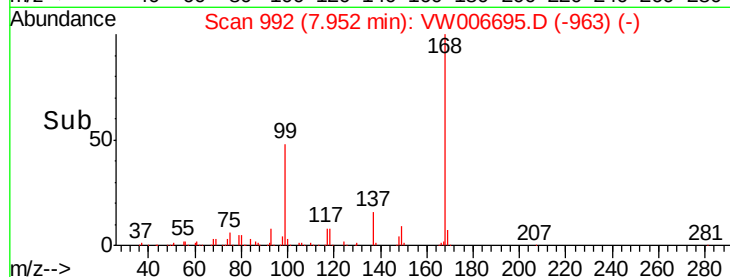
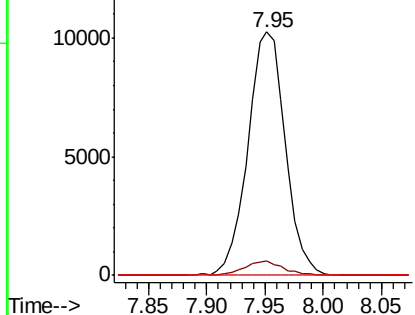
#38
Carbon Tetrachloride
Concen: 6.207 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006695.D
Acq: 06 Nov 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :
GOFFLE-RD-3

Tot Ion:117 Resp: 22961
Ion Ratio Lower Upper
117 100
119 5.9 76.3 114.5#
121 0.0 24.1 36.1#

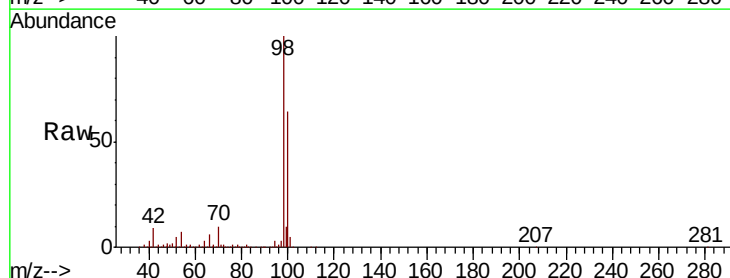


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

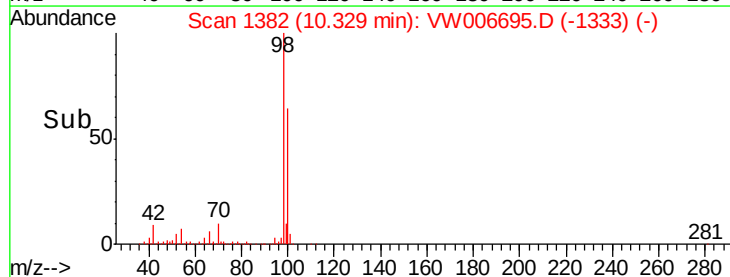
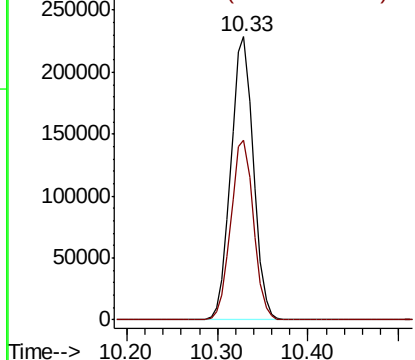


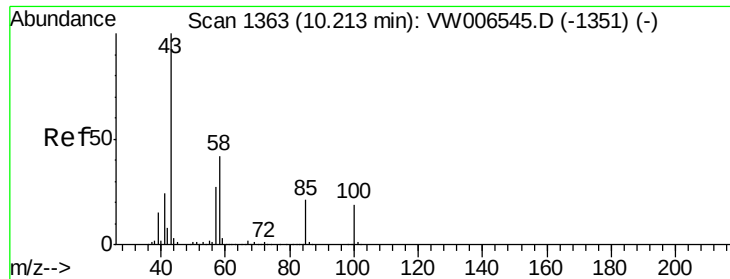
#50
Toluene-d8
Concen: 40.935 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006695.D
Acq: 06 Nov 2018 19:08

Tgt Ion: 98 Resp: 393715
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



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

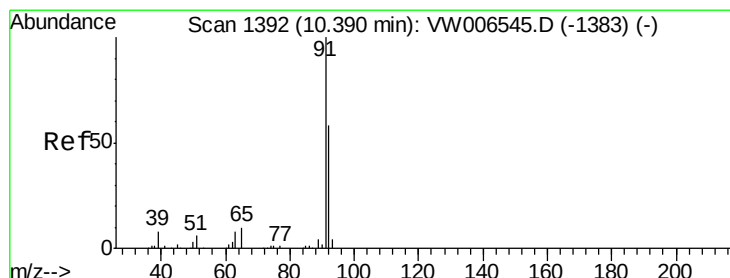
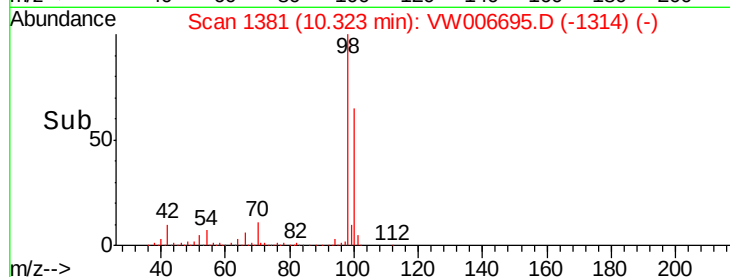
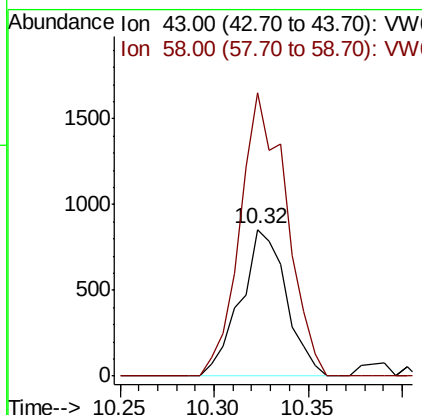
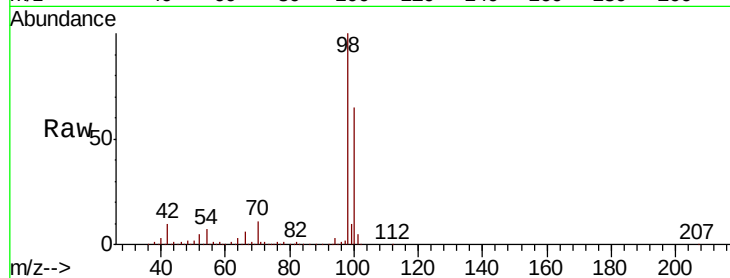




#51
 4-Methyl-2-Pentanone
 Concen: 1.143 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.11 min
 Lab File: VW006695.D
 Acq: 06 Nov 2018 19:08

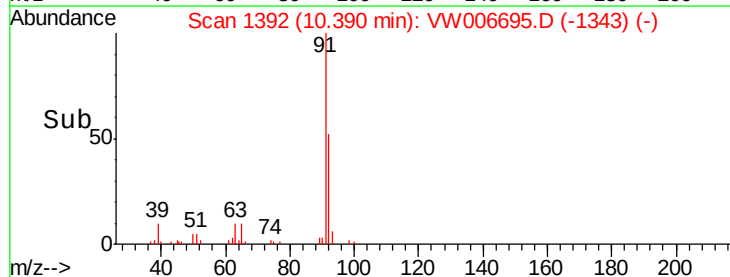
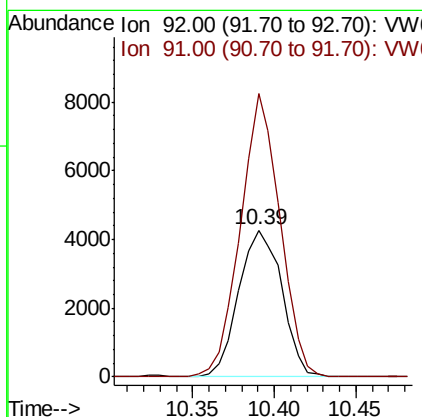
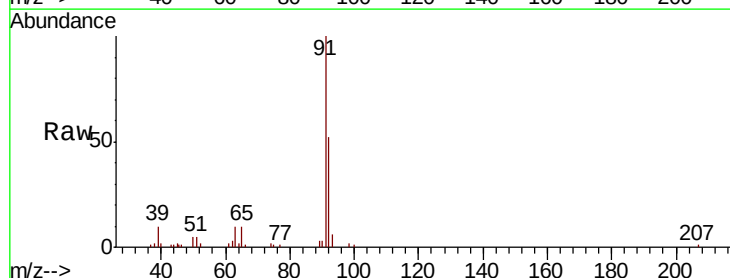
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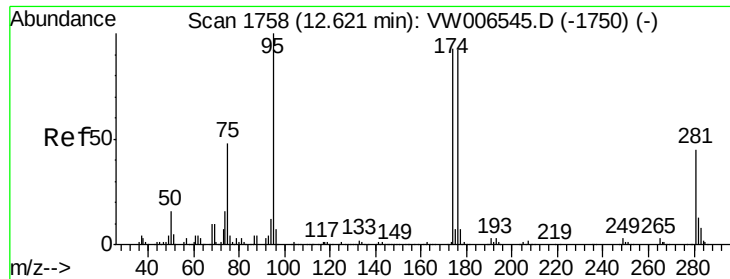
Tot Ion: 43 Resp: 1437
 Ion Ratio Lower Upper
 43 100
 58 196.0 33.4 50.0#



#52
 Toluene
 Concen: 1.167 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006695.D
 Acq: 06 Nov 2018 19:08

Tgt Ion: 92 Resp: 7868
 Ion Ratio Lower Upper
 92 100
 91 176.9 138.6 208.0

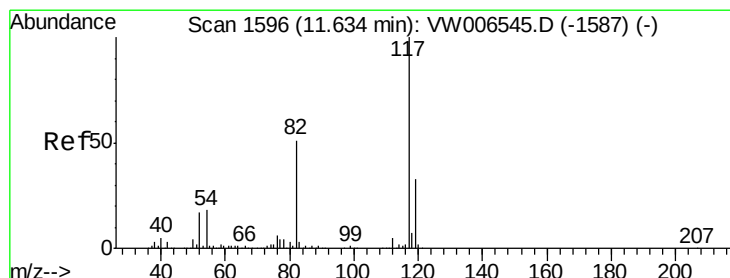
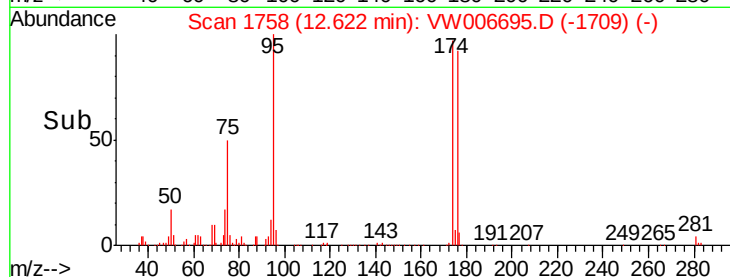
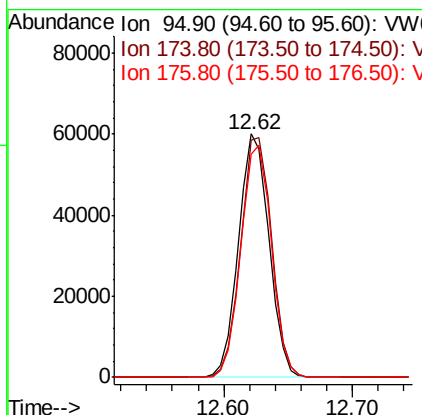
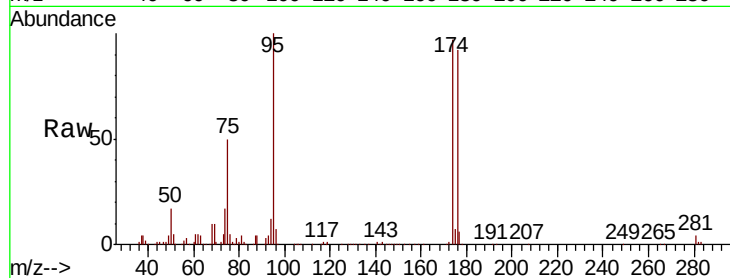




#62
4-Bromofluorobenzene
Concen: 28.241 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006695.D
Acq: 06 Nov 2018 19:08

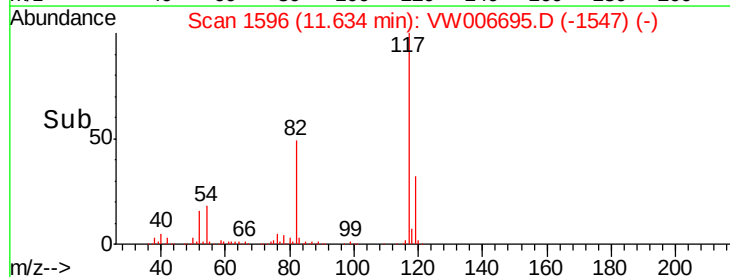
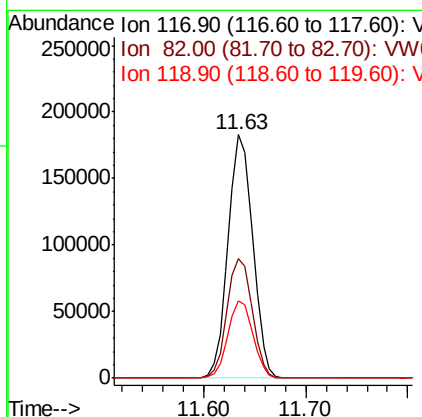
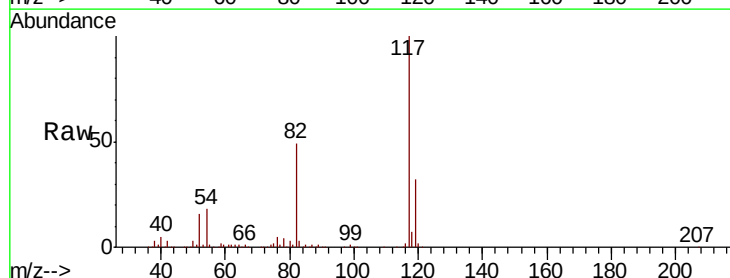
Instrument :
MSVOA_W
ClientSampleId :
GOFFLE-RD-3

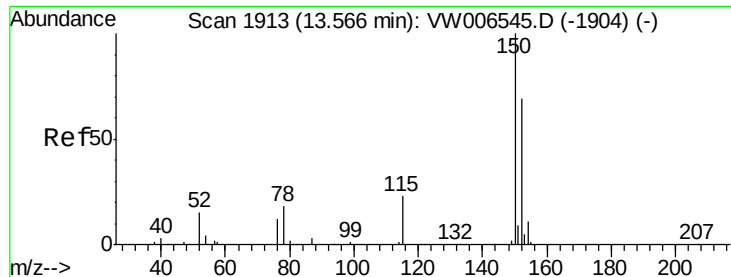
Tot Ion: 95 Resp: 98473
Ion Ratio Lower Upper
95 100
174 99.6 0.0 192.4
176 95.5 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006695.D
Acq: 06 Nov 2018 19:08

Tgt Ion: 117 Resp: 306426
Ion Ratio Lower Upper
117 100
82 48.9 40.8 61.2
119 31.8 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: VW006695.D

Acq: 06 Nov 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

GOFFLE-RD-3

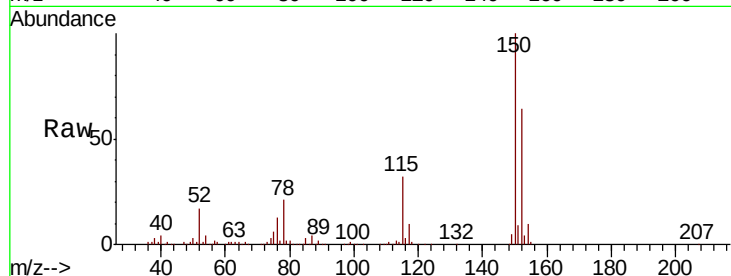
Tot Ion:152 Resp: 91625

Ion Ratio Lower Upper

152 100

115 52.9 26.6 79.8

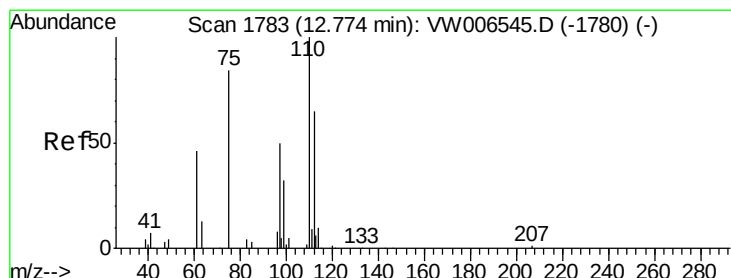
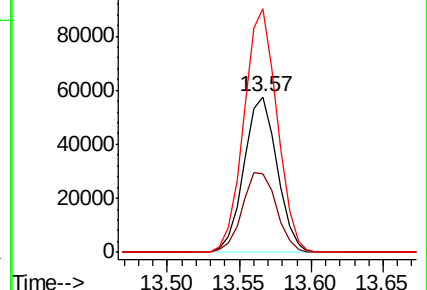
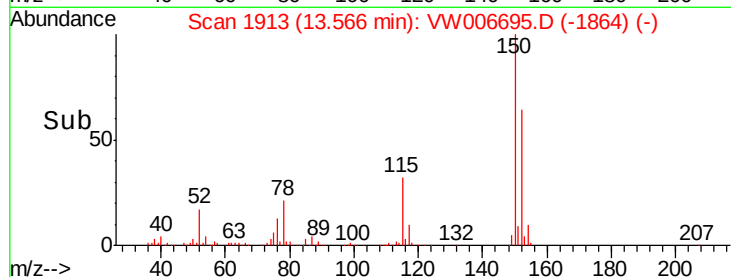
150 156.5 0.0 344.6



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: 67.766 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006695.D

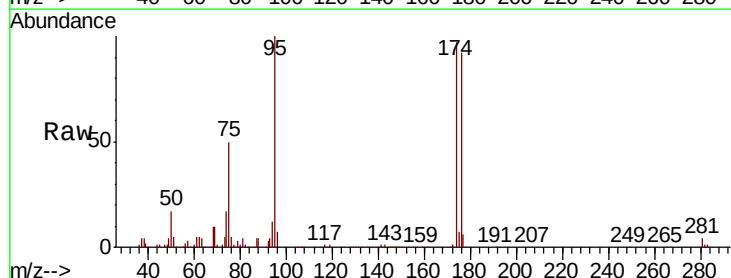
Acq: 06 Nov 2018 19:08

Tgt Ion: 75 Resp: 48445

Ion Ratio Lower Upper

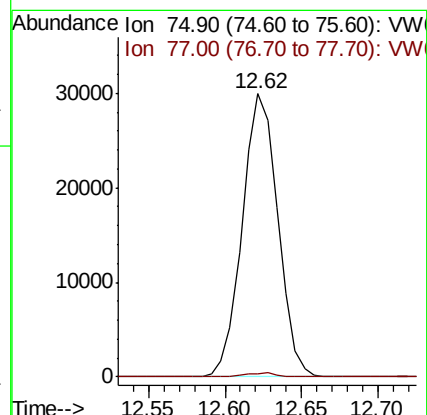
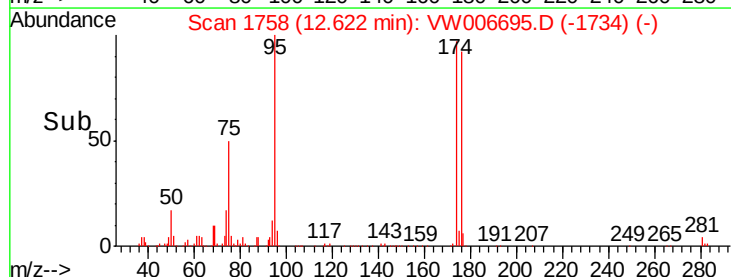
75 100

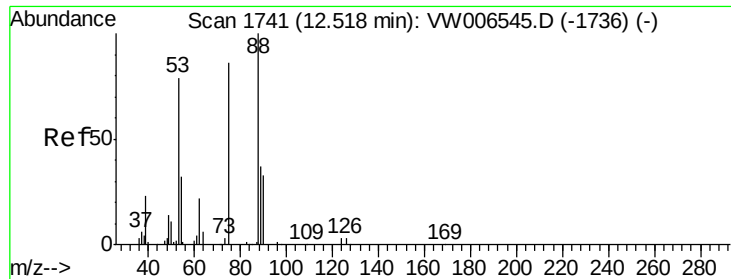
77 1.3 0.0 0.0#



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: 168.817 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006695.D

Acq: 06 Nov 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

GOFFLE-RD-3

Tot Ion: 75 Resp: 48445

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

