

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012191.D
 Acq On : 27 Aug 2019 00:16
 Operator : SY/VA
 Sample : K4514-02
 Misc : 5.16G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319

Quant Time: Aug 27 06:39:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

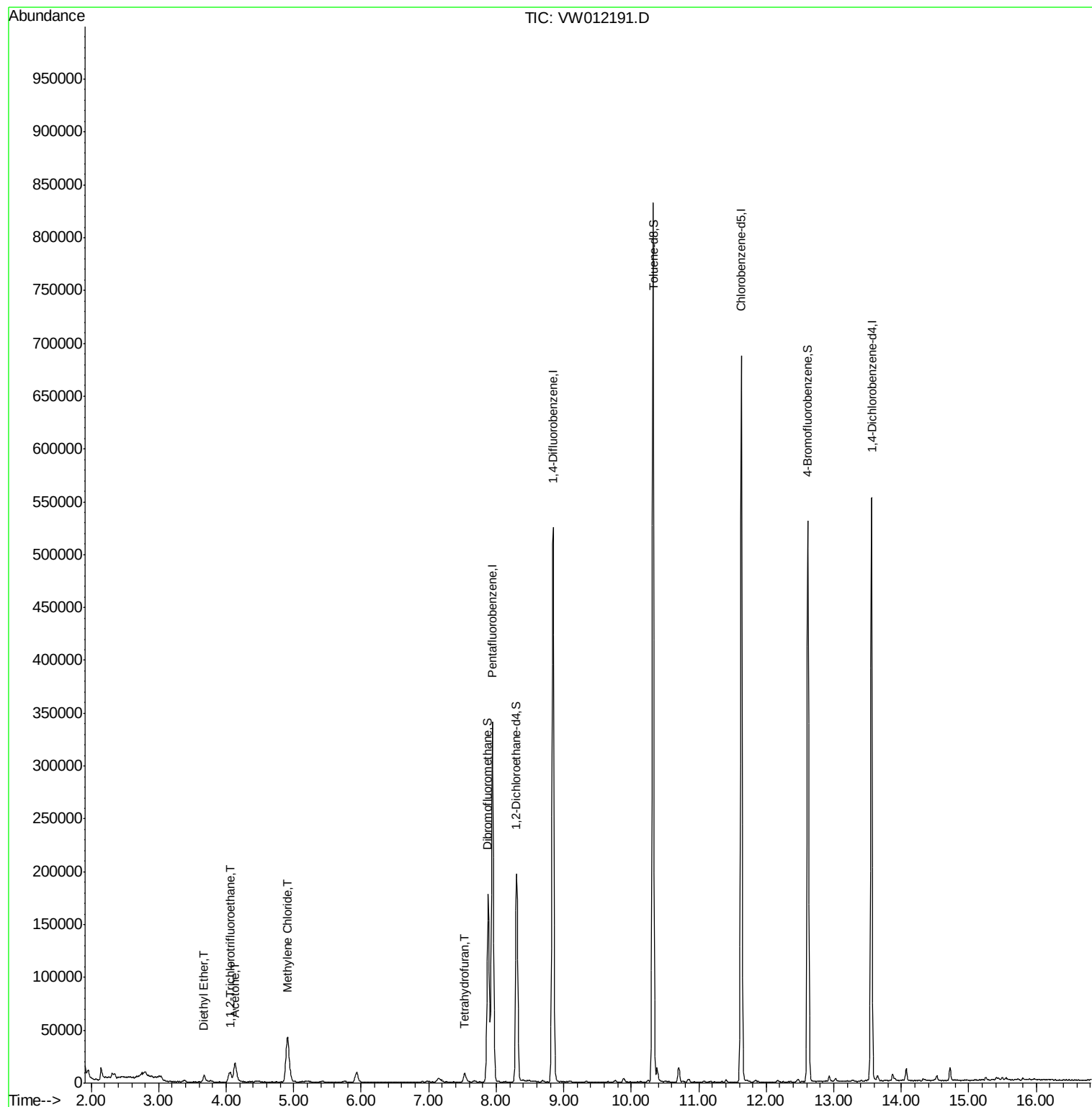
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	242151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	409369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	359019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	137183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	160112	55.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.24%	
35) Dibromofluoromethane	7.88	113	126444	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
50) Toluene-d8	10.32	98	516251	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
62) 4-Bromofluorobenzene	12.62	95	166602	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
Target Compounds						
8) Diethyl Ether	3.67	74	2925	2.171	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	4.06	101	6581	2.727	ug/l	98
16) Acetone	4.13	43	38813	52.748	ug/l	96
20) Methylene Chloride	4.91	84	31580	11.353	ug/l	97
29) Tetrahydrofuran	7.54	42	7336	12.229	ug/l	95

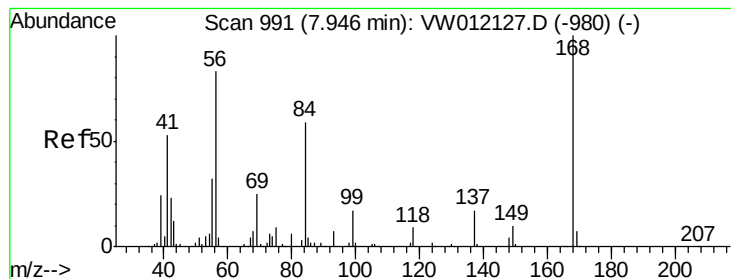
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082619\
Data File : VW012191.D
Acq On : 27 Aug 2019 00:16
Operator : SY/VA
Sample : K4514-02
Misc : 5.16G/5ML/MSVOA W/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319

Quant Time: Aug 27 06:39:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012191.D

Acq: 27 Aug 2019 00:16

Instrument :

MSVOA_W

ClientSampleId :

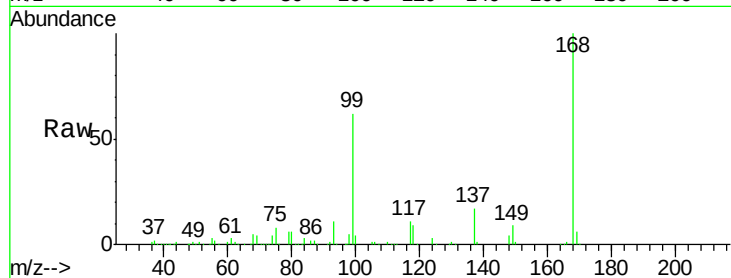
S602-M-1.0-1.5-082319

Tot Ion:168 Resp: 242151

Ion Ratio Lower Upper

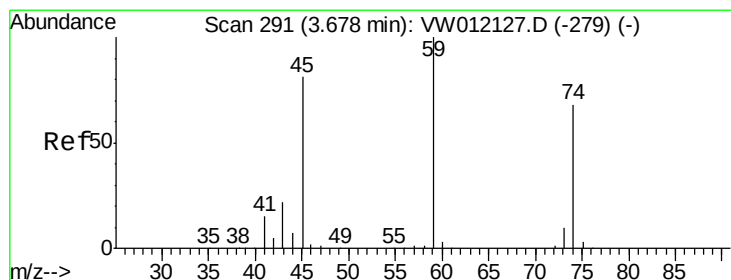
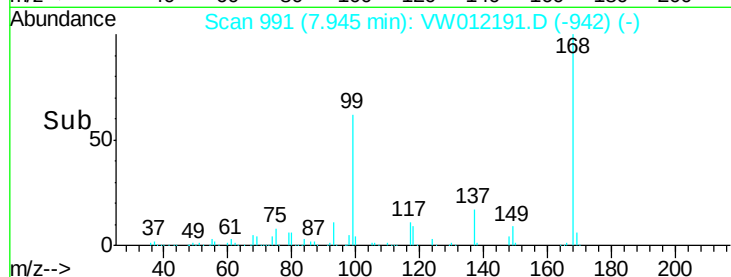
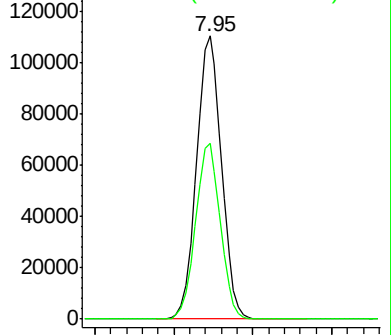
168 100

99 62.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.171 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW012191.D

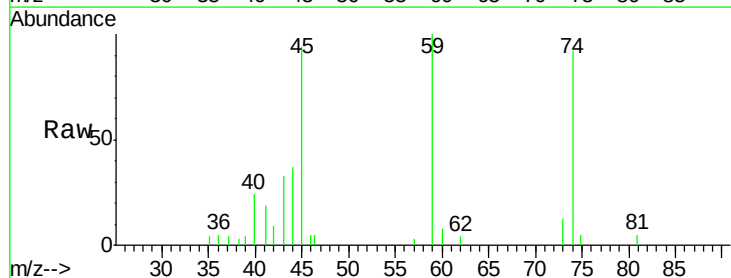
Acq: 27 Aug 2019 00:16

Tgt Ion: 74 Resp: 2925

Ion Ratio Lower Upper

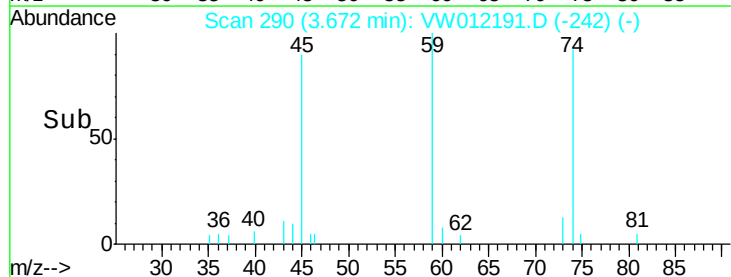
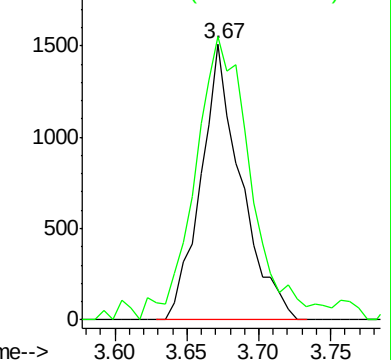
74 100

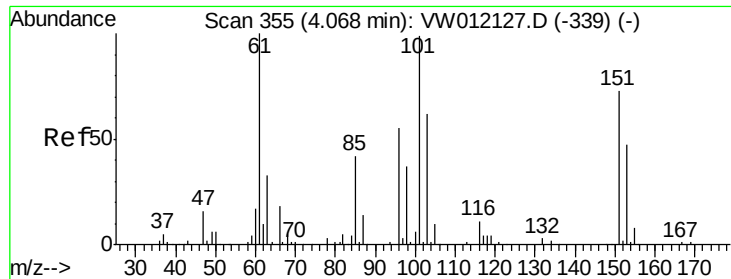
45 143.3 59.2 177.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.727 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012191.D

Acq: 27 Aug 2019 00:16

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319

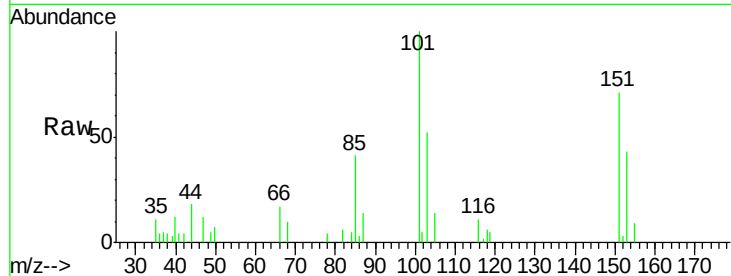
Tot Ion:101 Resp: 6581

Ion Ratio Lower Upper

101 100

85 45.5 35.8 53.6

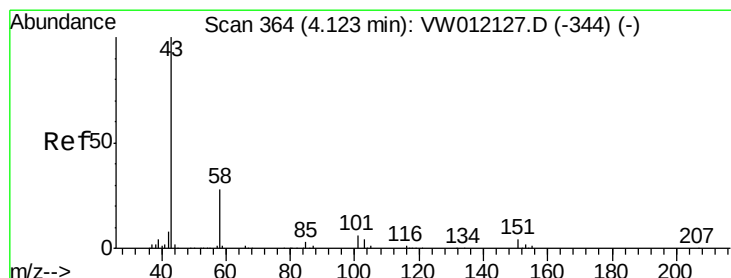
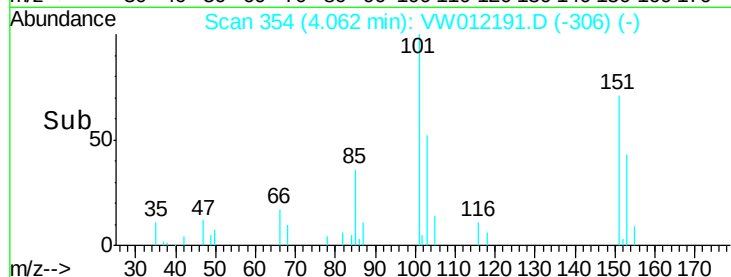
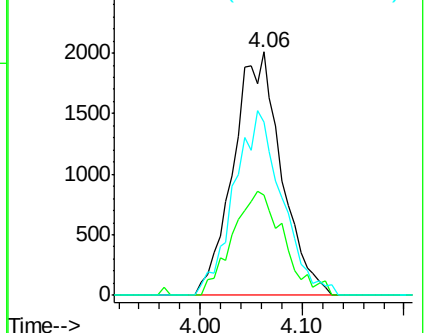
151 75.6 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#16

Acetone

Concen: 52.748 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012191.D

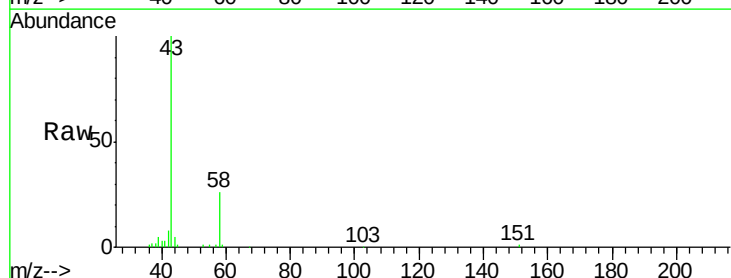
Acq: 27 Aug 2019 00:16

Tgt Ion: 43 Resp: 38813

Ion Ratio Lower Upper

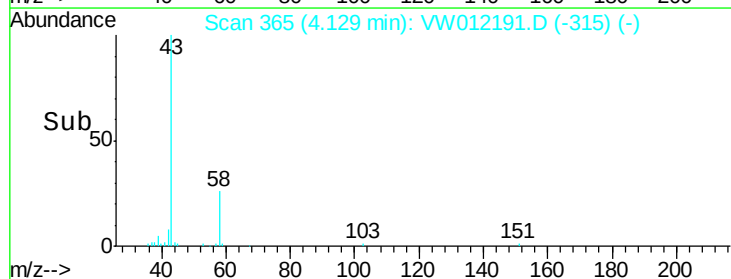
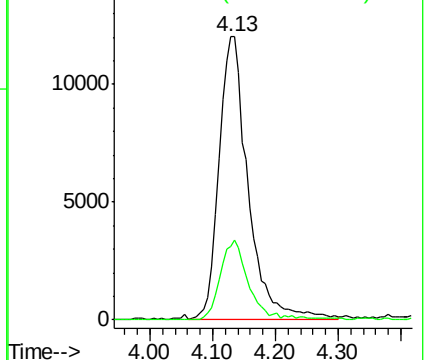
43 100

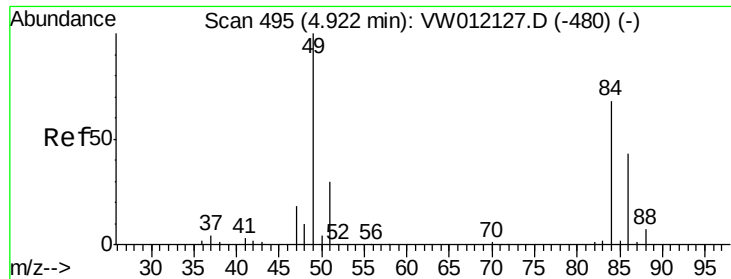
58 26.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

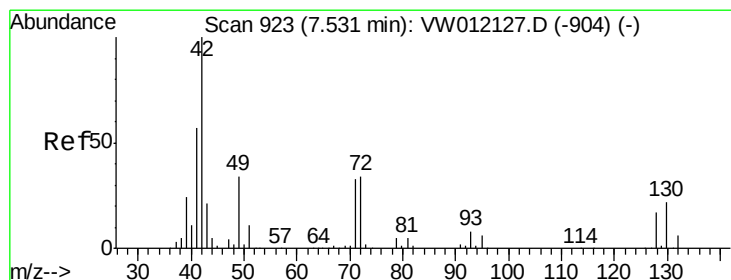
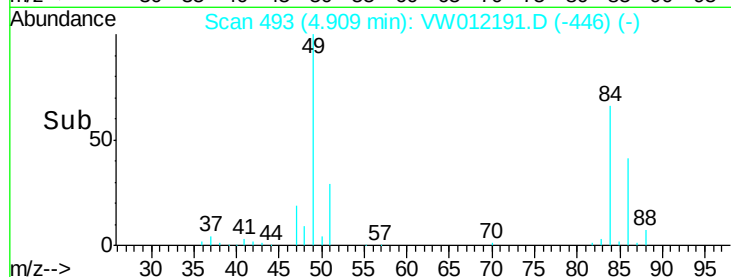
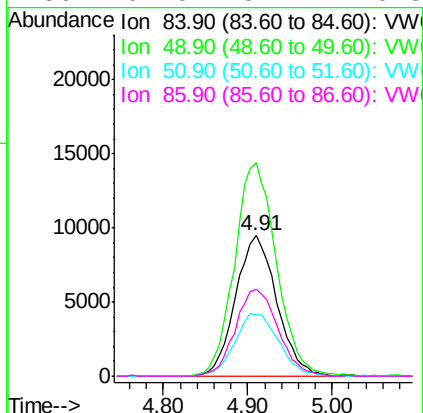
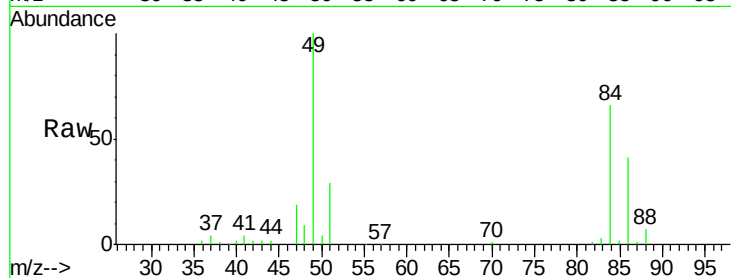




#20
Methvlene Chloride
Concen: 11.353 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012191.D
Acq: 27 Aug 2019 00:16

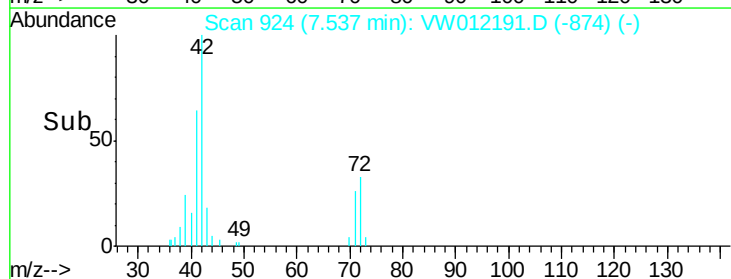
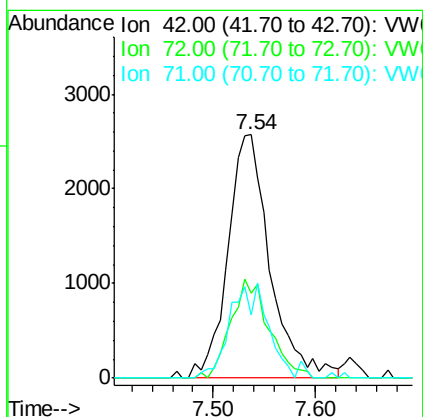
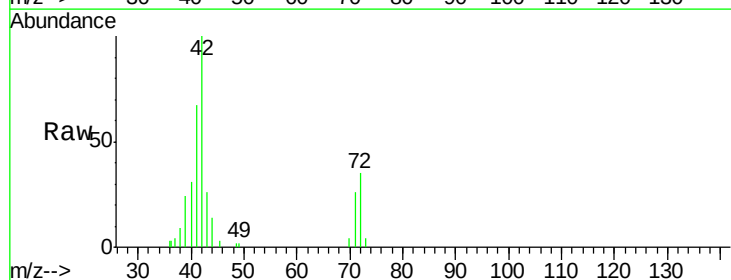
Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319

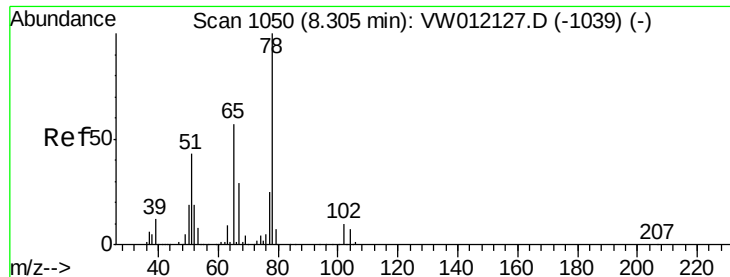
Tot Ion: 84 Resp: 31580
Ion Ratio Lower Upper
84 100
49 152.1 117.8 176.8
51 43.7 35.6 53.4
86 62.0 51.2 76.8



#29
Tetrahydrofuran
Concen: 12.229 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012191.D
Acq: 27 Aug 2019 00:16

Tgt Ion: 42 Resp: 7336
Ion Ratio Lower Upper
42 100
72 37.0 27.3 40.9
71 35.0 25.5 38.3

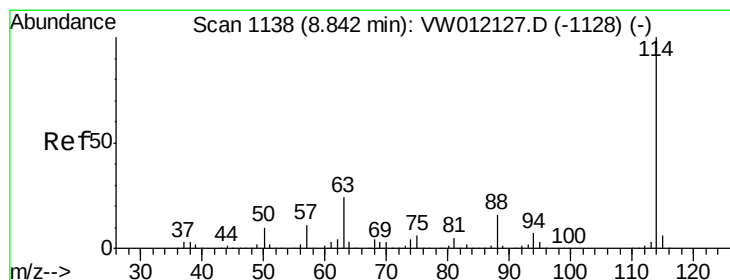
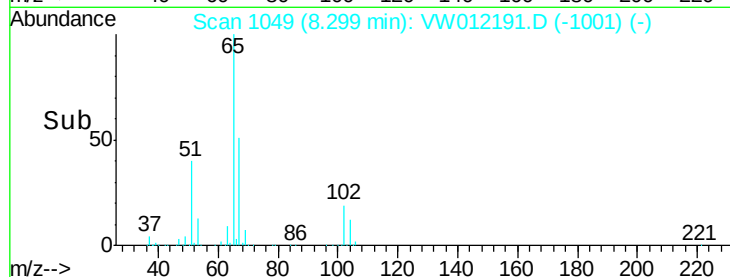
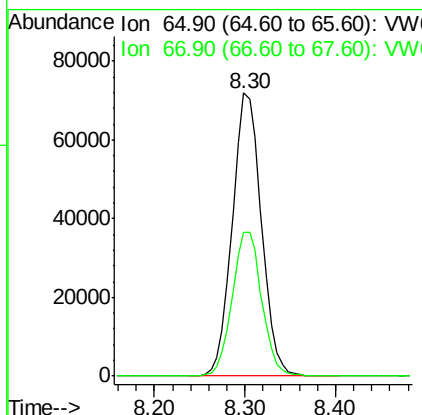
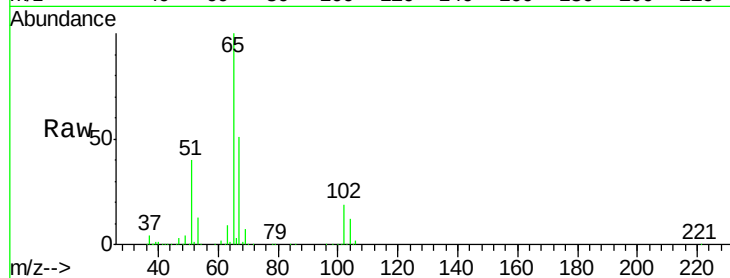




#33
 1,2-Dichloroethane-d4
 Concen: 55.622 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012191.D
 Acq: 27 Aug 2019 00:16

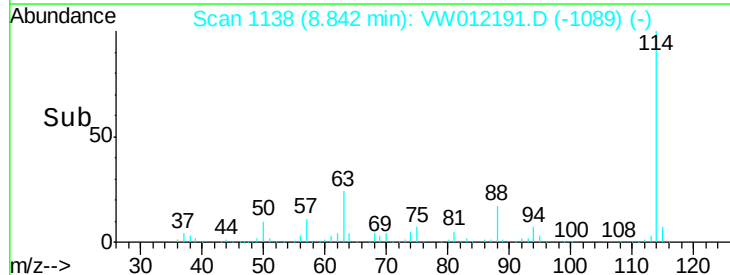
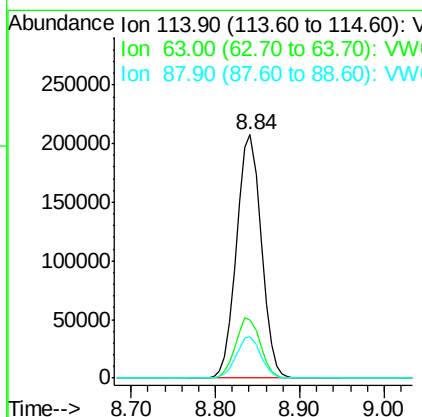
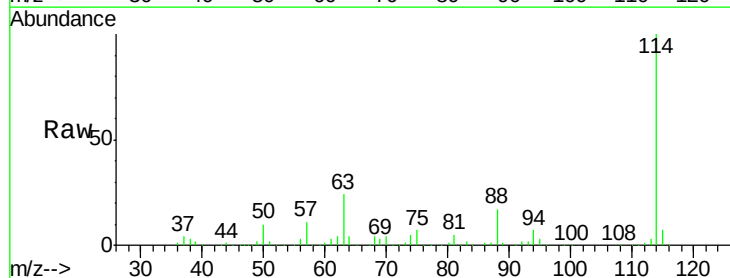
Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319

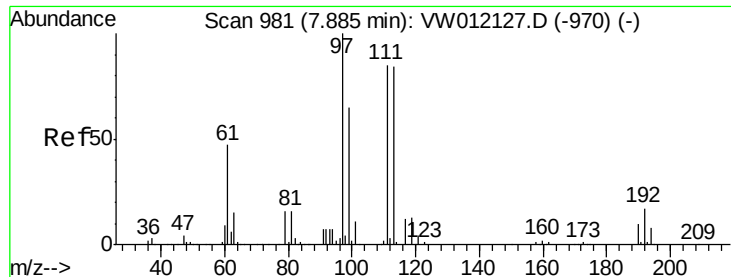
Tot Ion: 65 Resp: 160112
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012191.D
 Acq: 27 Aug 2019 00:16

Tgt Ion: 114 Resp: 409369
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 48.6
 88 17.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.746 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012191.D

Acq: 27 Aug 2019 00:16

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319

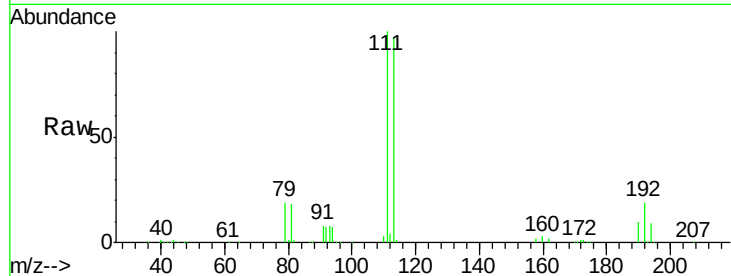
Tot Ion:113 Resp: 126444

Ion Ratio Lower Upper

113 100

111 103.0 82.7 124.1

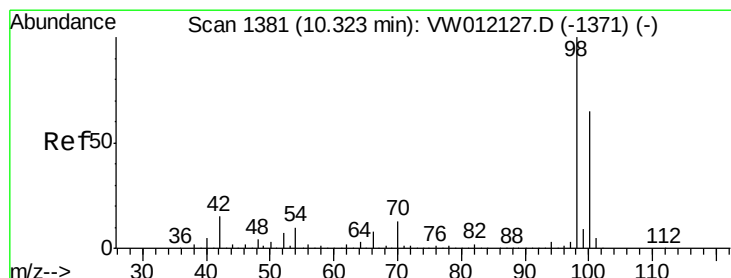
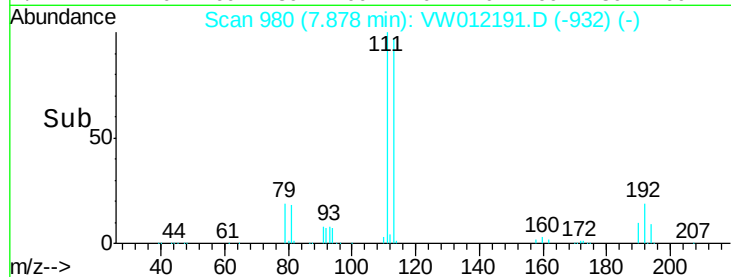
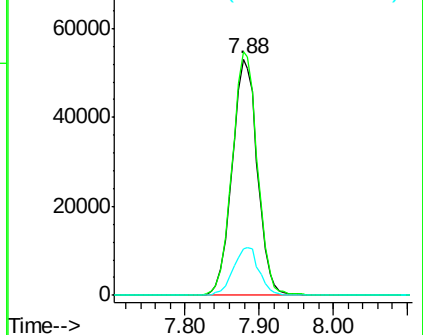
192 20.4 16.2 24.2



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



#50

Toluene-d8

Concen: 52.105 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012191.D

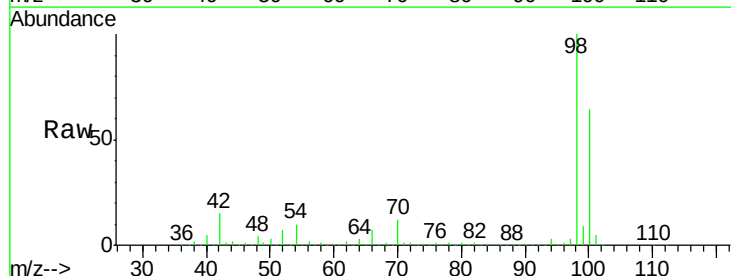
Acq: 27 Aug 2019 00:16

Tgt Ion: 98 Resp: 516251

Ion Ratio Lower Upper

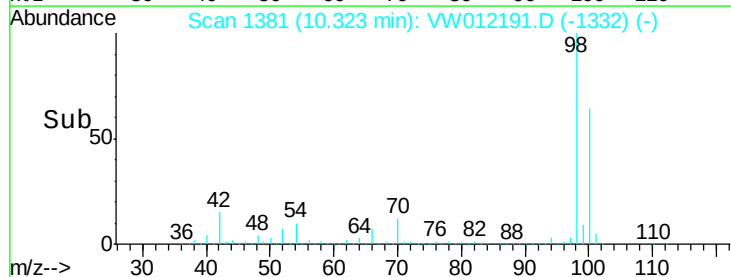
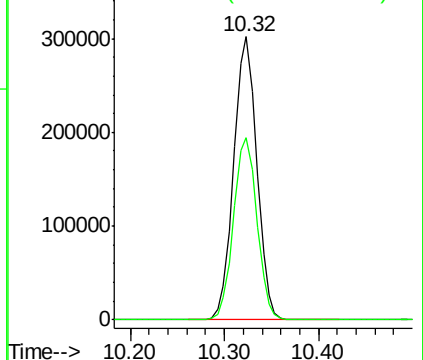
98 100

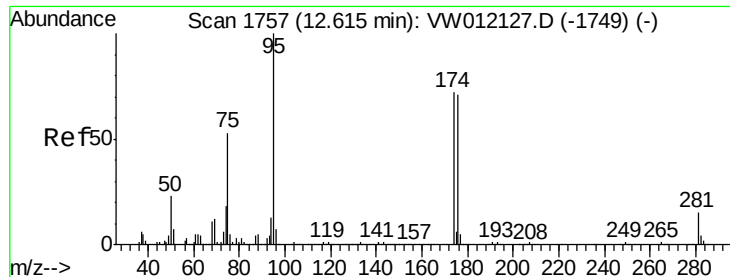
100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

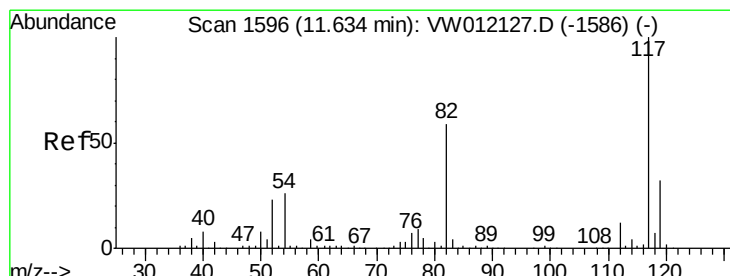
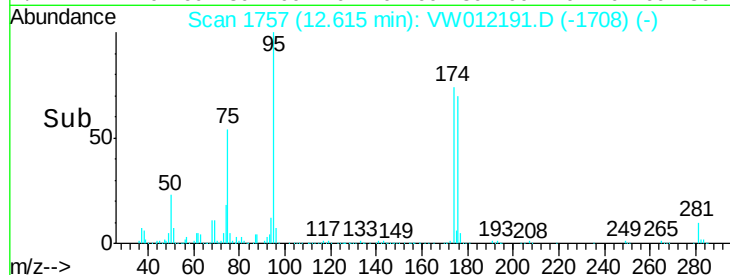
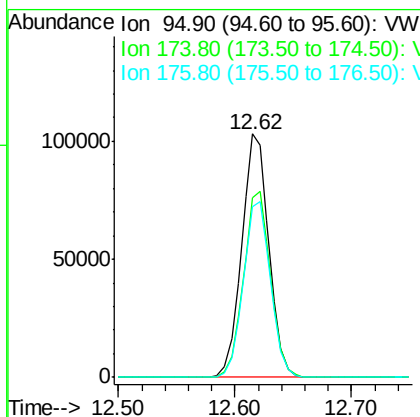
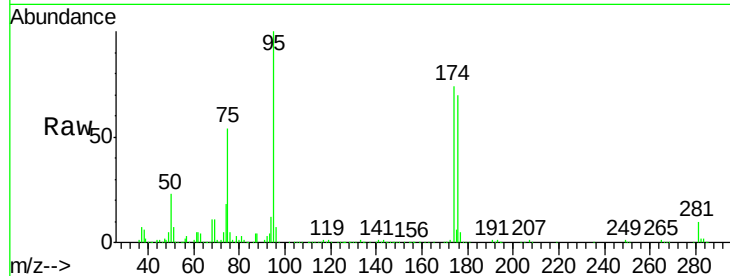




#62
4-Bromofluorobenzene
Concen: 47.703 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012191.D
Acq: 27 Aug 2019 00:16

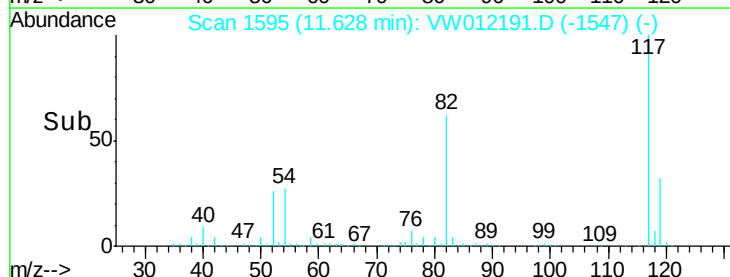
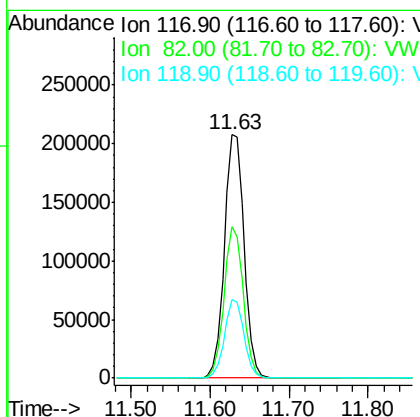
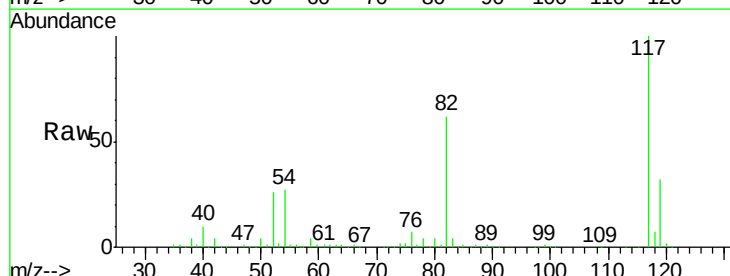
Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319

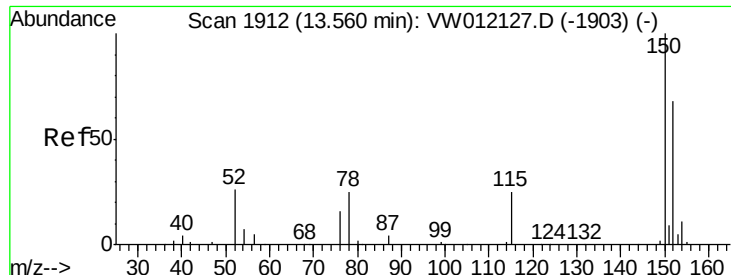
Tot Ion: 95 Resp: 166602
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.8
176 72.8 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012191.D
Acq: 27 Aug 2019 00:16

Tgt Ion: 117 Resp: 359019
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.2
119 32.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012191.D

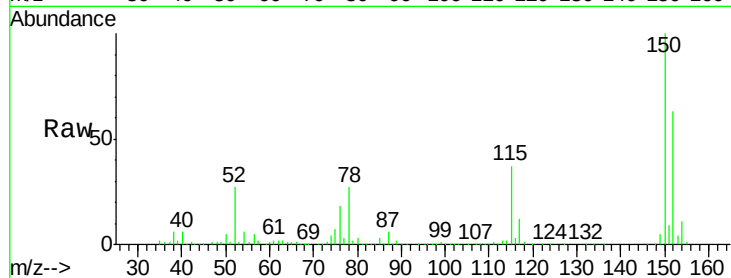
Acq: 27 Aug 2019 00:16

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319



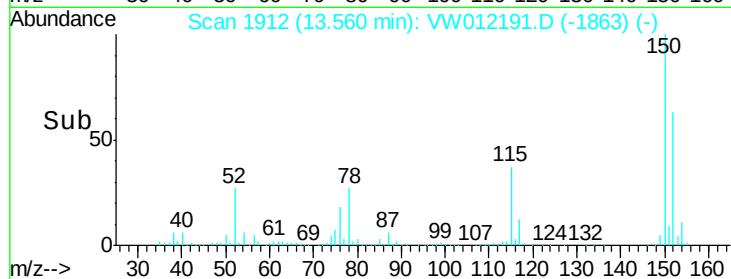
Tot Ion:152 Resp: 137183

Ion Ratio Lower Upper

152 100

115 60.9 30.1 90.3

150 156.9 0.0 345.8



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

