

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012548.D
 Acq On : 03 Sep 2019 15:56
 Operator : SY/VA
 Sample : K4514-05
 Misc : 5.39G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-2.0-2.5-082319

Quant Time: Sep 21 01:32:06 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

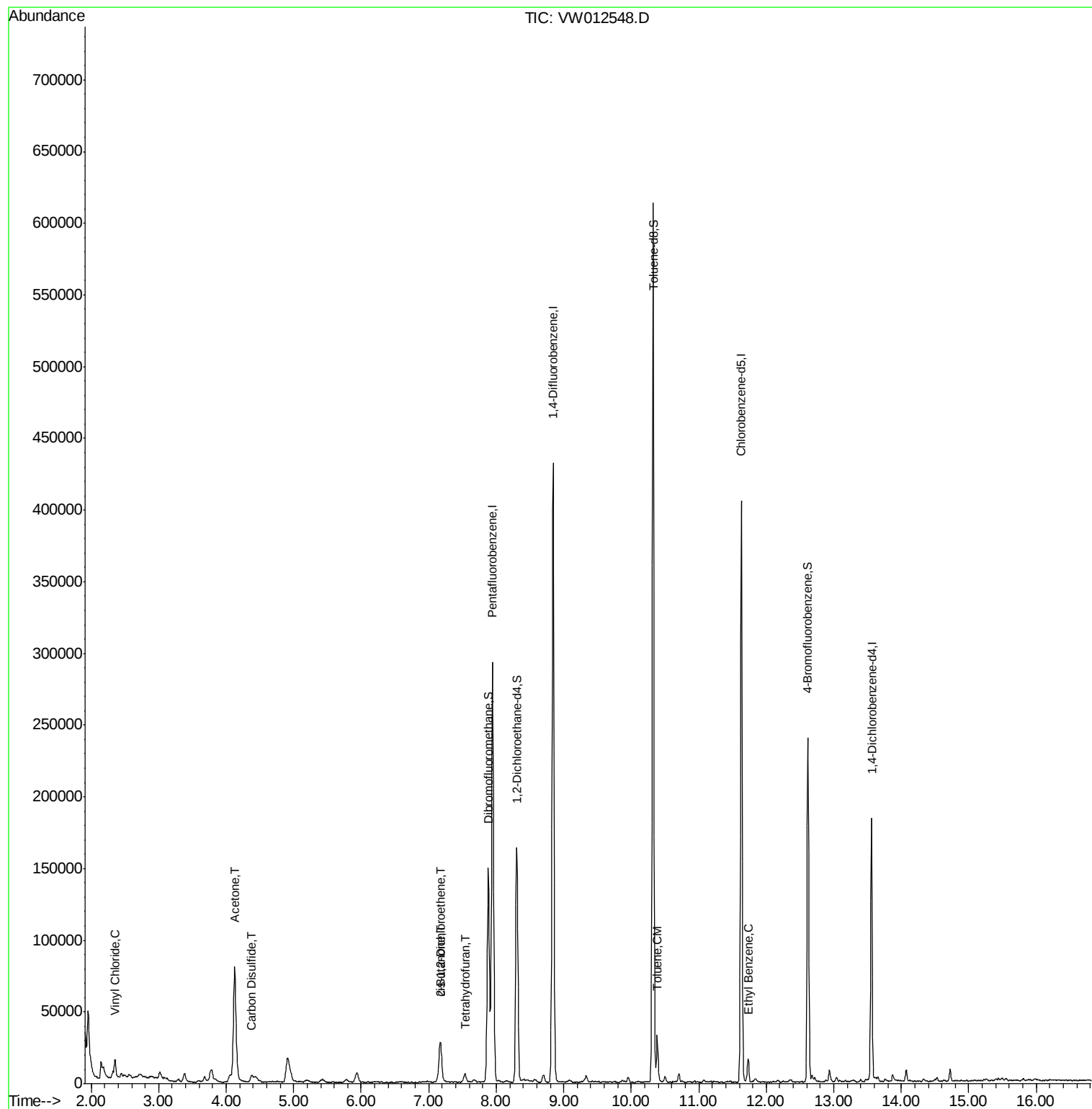
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	334776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	217577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	47180	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	133406	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
35) Dibromofluoromethane	7.88	113	106950	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
50) Toluene-d8	10.32	98	385137	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
62) 4-Bromofluorobenzene	12.62	95	75797	26.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.08%	
Target Compounds						
4) Vinyl Chloride	2.35	62	3904	1.576	ug/l	91
16) Acetone	4.12	43	151459	234.912	ug/l	99
17) Carbon Disulfide	4.38	76	9298	1.446	ug/l	95
25) 2-Butanone	7.18	43	30681	35.018	ug/l	93
27) cis-1,2-Dichloroethene	7.17	96	6139	2.518	ug/l	90
29) Tetrahydrofuran	7.54	42	5250	9.988	ug/l	98
52) Toluene	10.38	92	13176	2.322	ug/l	98
67) Ethyl Benzene	11.73	91	10658	1.291	ug/l	94

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090319\
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S602-M-2.0-2.5-082319

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012548.D

Acq: 03 Sep 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

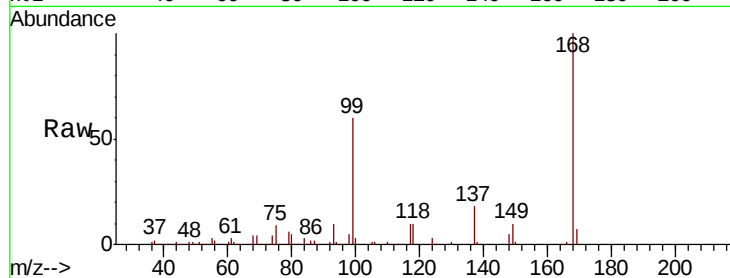
S602-M-2.0-2.5-082319

Tot Ion:168 Resp: 212178

Ion Ratio Lower Upper

168 100

99 60.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

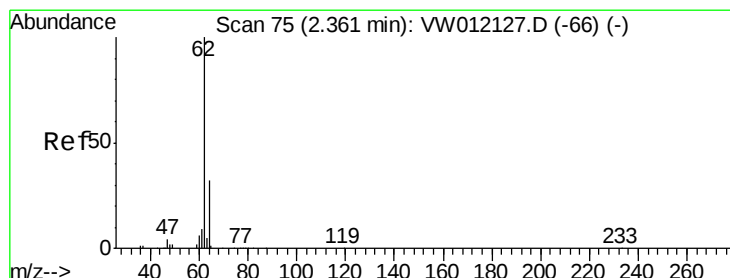
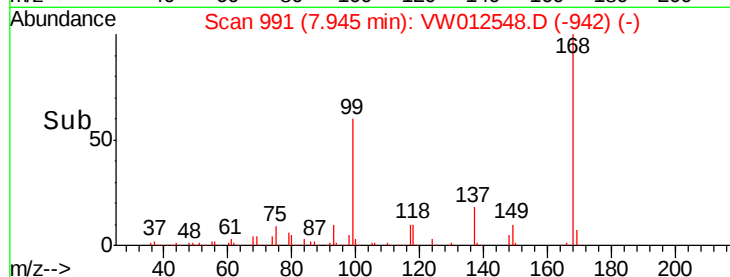
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#4

Vinyl Chloride

Concen: 1.576 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012548.D

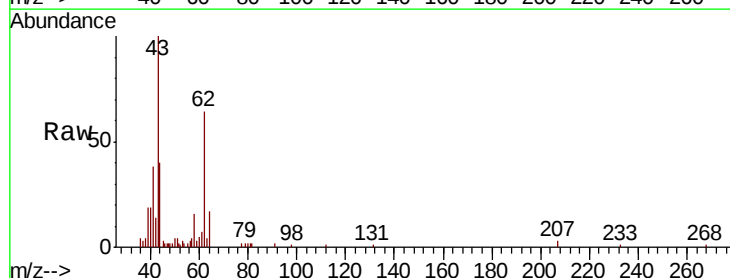
Acq: 03 Sep 2019 15:56

Tgt Ion: 62 Resp: 3904

Ion Ratio Lower Upper

62 100

64 26.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

3000

2500

2000

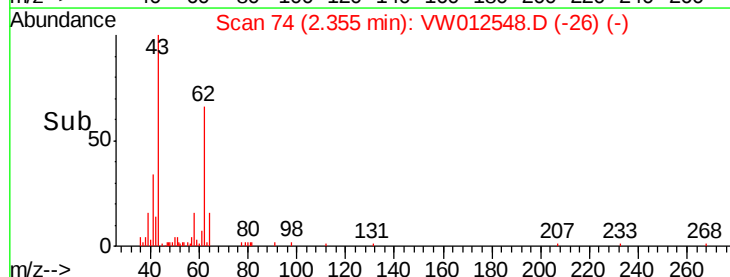
1500

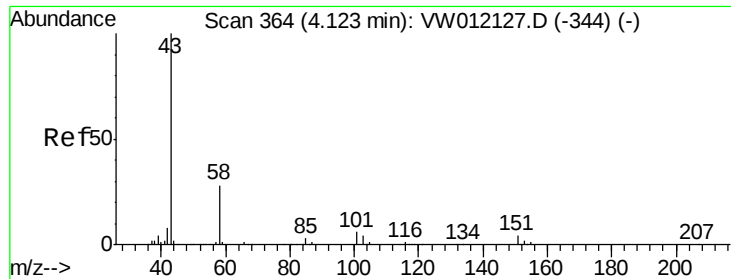
1000

500

0

Time--> 2.30 2.35 2.40





#16

Acetone

Concen: 234.912 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012548.D

Acq: 03 Sep 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

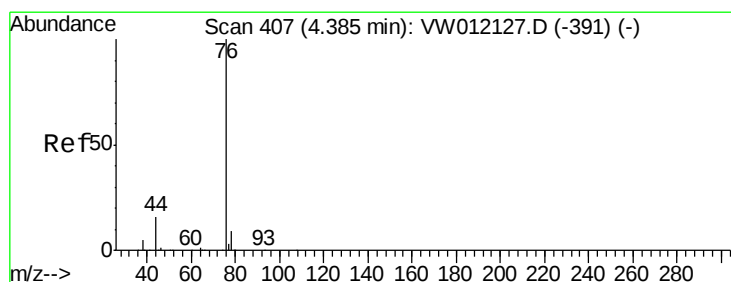
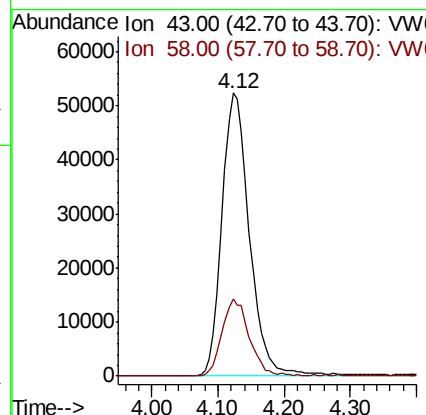
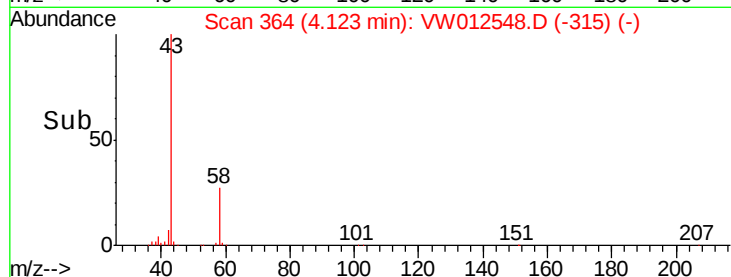
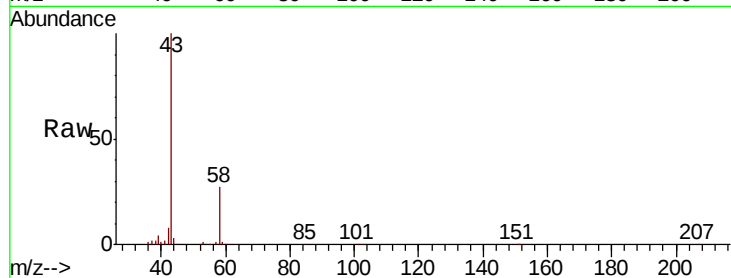
S602-M-2.0-2.5-082319

Tot Ion: 43 Resp: 151459

Ion Ratio Lower Upper

43 100

58 27.2 22.4 33.6



#17

Carbon Disulfide

Concen: 1.446 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012548.D

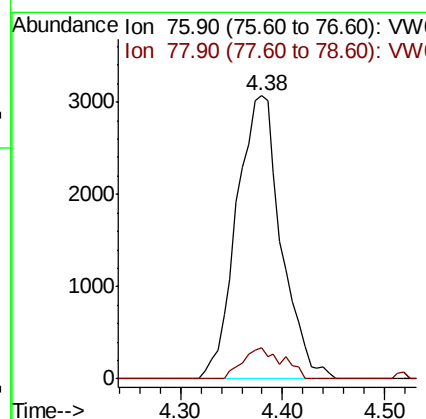
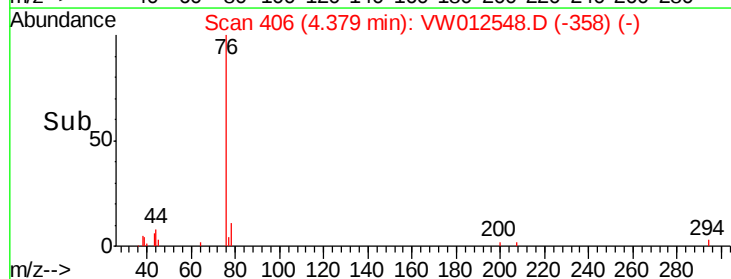
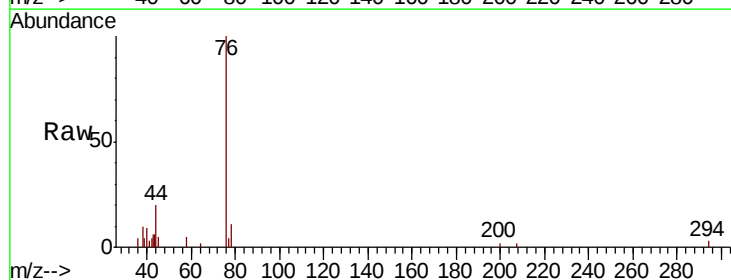
Acq: 03 Sep 2019 15:56

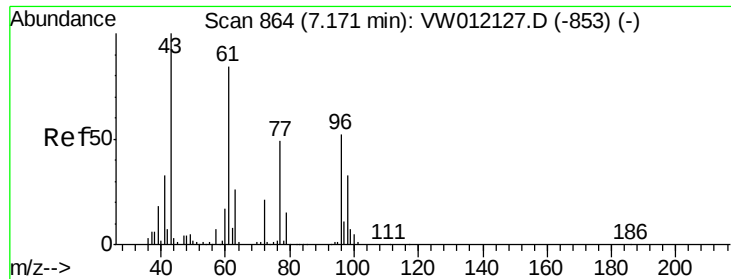
Tgt Ion: 76 Resp: 9298

Ion Ratio Lower Upper

76 100

78 10.8 7.3 10.9





#25

2-Butanone

Concen: 35.018 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012548.D

Acq: 03 Sep 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

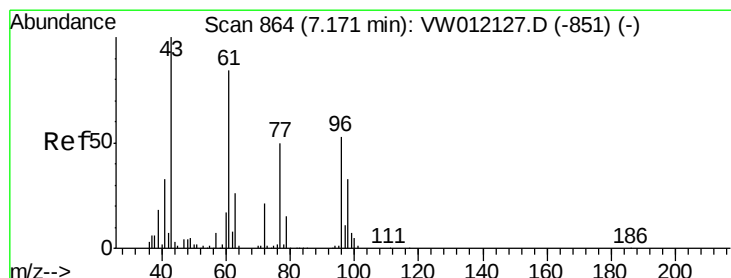
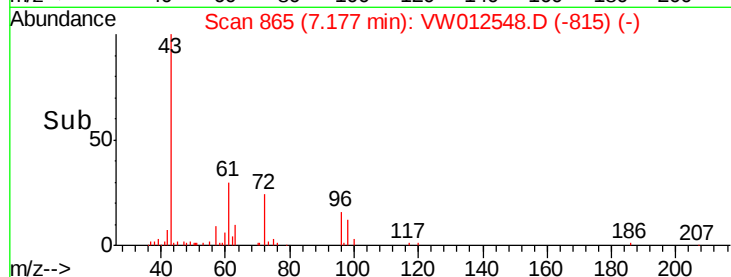
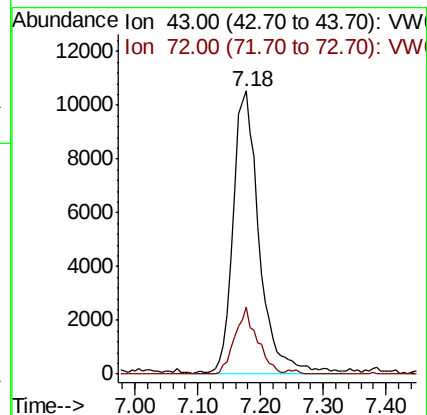
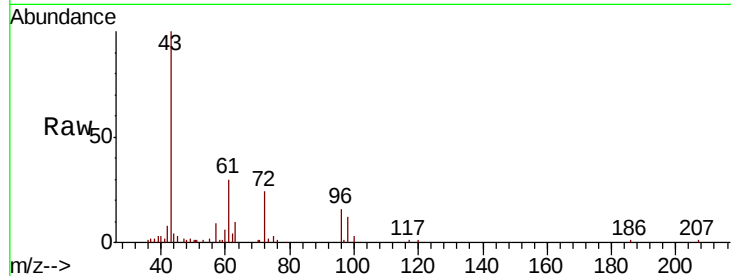
S602-M-2.0-2.5-082319

Tot Ion: 43 Resp: 30681

Ion Ratio Lower Upper

43 100

72 23.8 16.6 24.8



#27

cis-1,2-Dichloroethene

Concen: 2.518 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012548.D

Acq: 03 Sep 2019 15:56

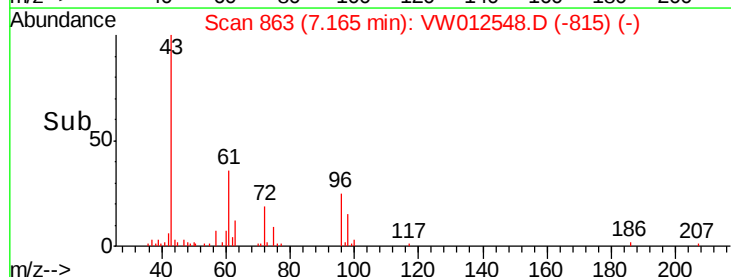
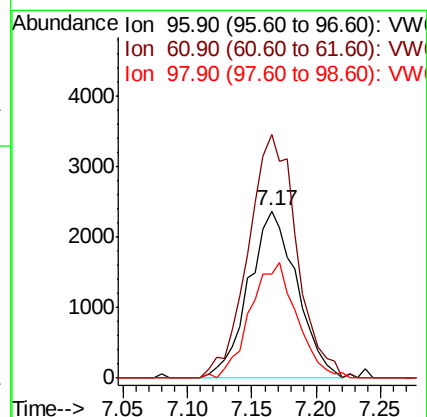
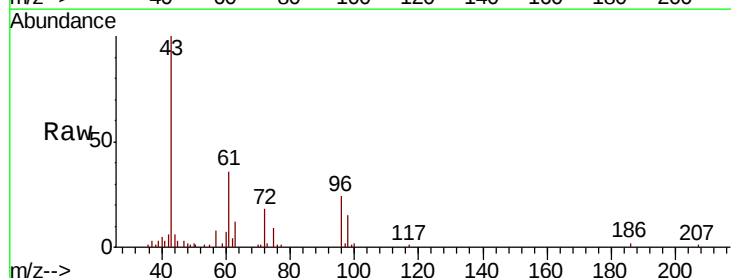
Tgt Ion: 96 Resp: 6139

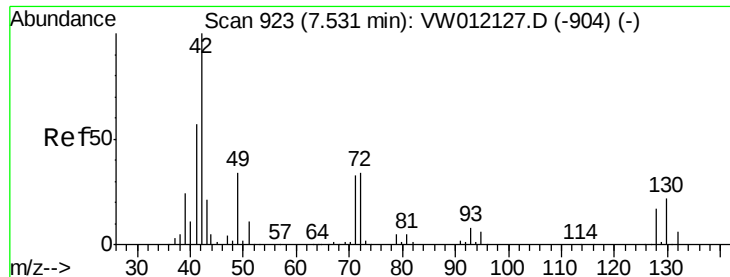
Ion Ratio Lower Upper

96 100

61 147.1 0.0 326.6

98 67.0 0.0 127.4





#29

Tetrahydrofuran

Concen: 9.988 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012548.D

Acq: 03 Sep 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

S602-M-2.0-2.5-082319

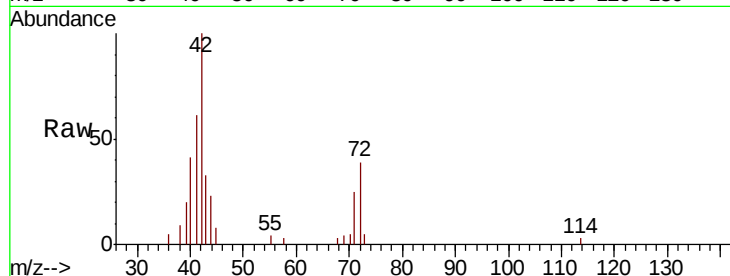
Tot Ion: 42 Resp: 5250

Ion Ratio Lower Upper

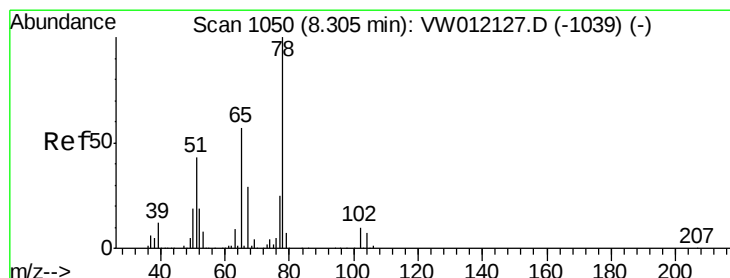
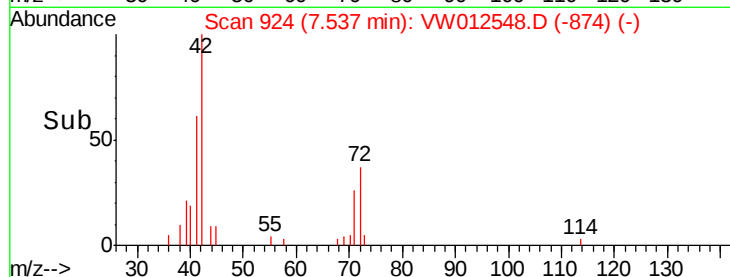
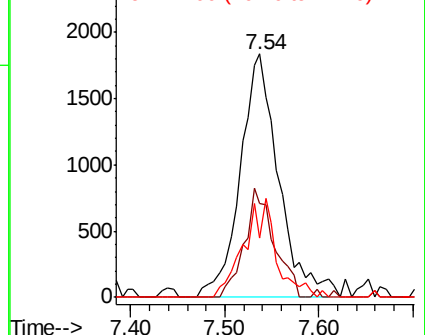
42 100

72 34.5 27.3 40.9

71 34.1 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#33

1,2-Dichloroethane-d4

Concen: 52.891 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012548.D

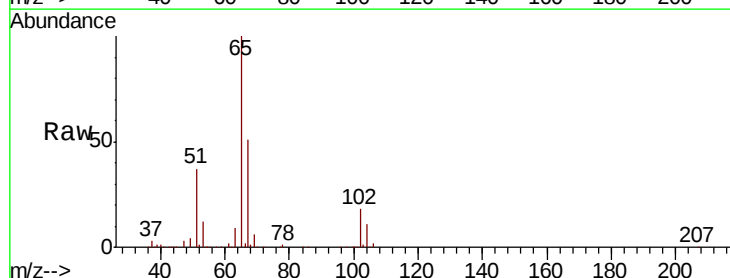
Acq: 03 Sep 2019 15:56

Tgt Ion: 65 Resp: 133406

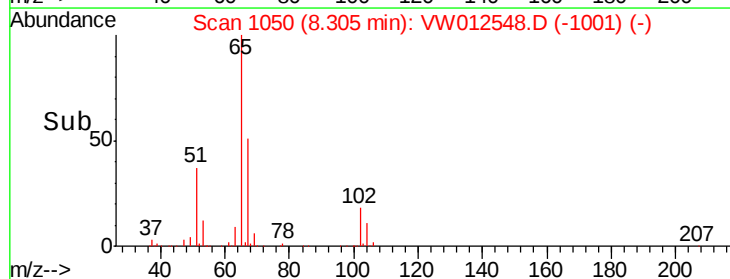
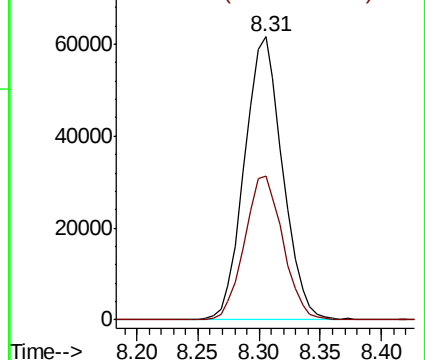
Ion Ratio Lower Upper

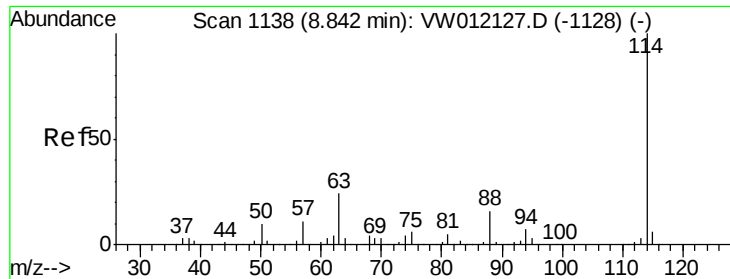
65 100

67 51.4 0.0 102.6



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

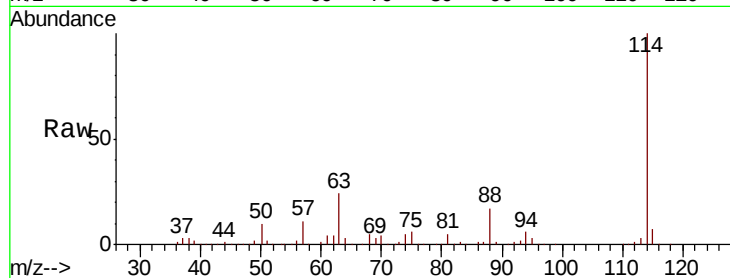




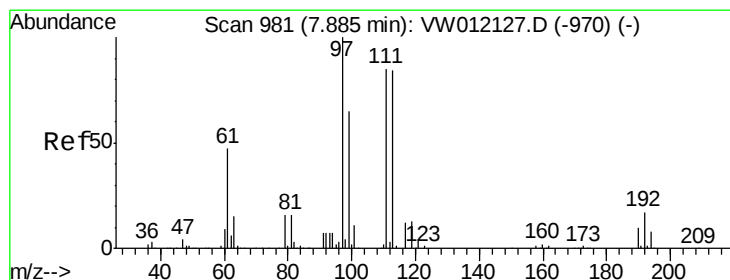
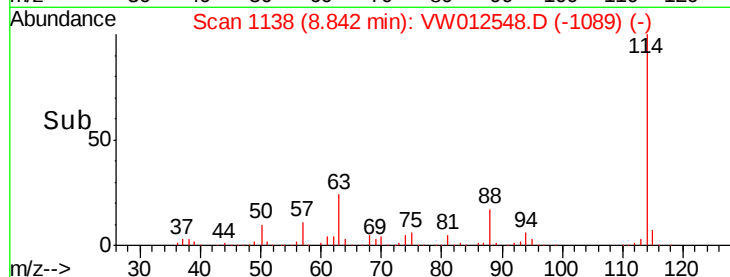
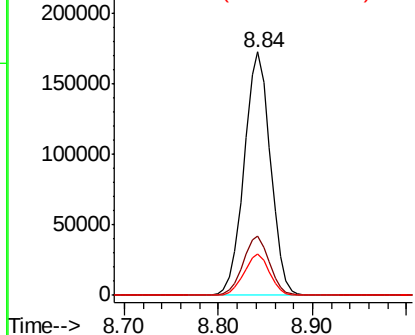
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012548.D
 Acq: 03 Sep 2019 15:56

Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-2.0-2.5-082319

Tot Ion:114 Resp: 334776
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.6
 88 16.8 0.0 32.2

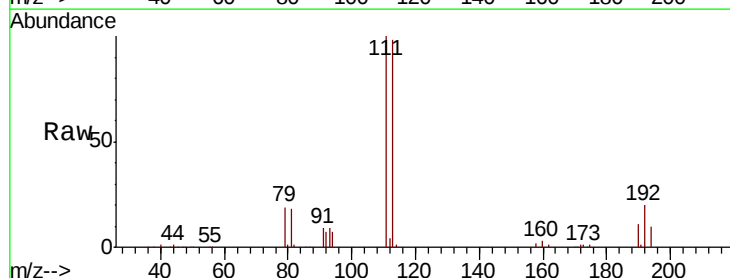


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

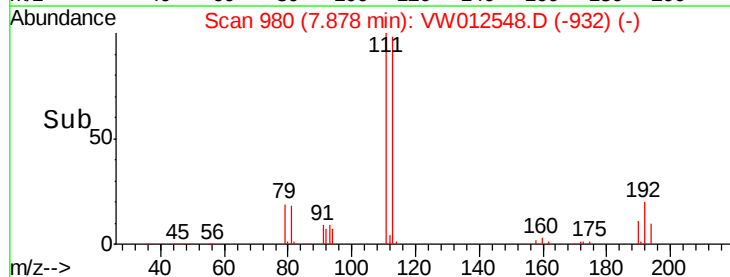
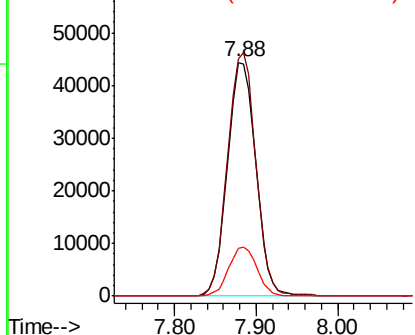


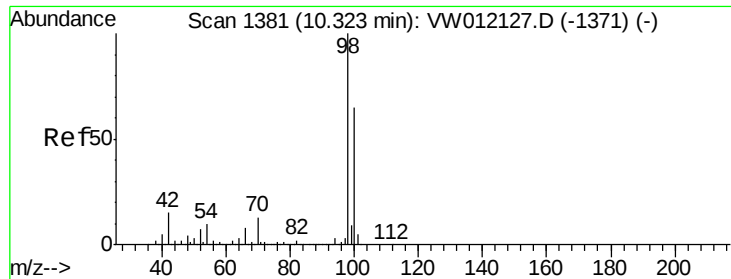
#35
 Dibromofluoromethane
 Concen: 53.521 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012548.D
 Acq: 03 Sep 2019 15:56

Tgt Ion:113 Resp: 106950
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.7 124.1
 192 20.6 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: 47.533 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012548.D

Acq: 03 Sep 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

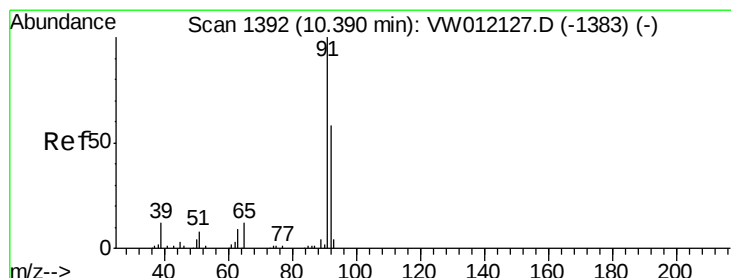
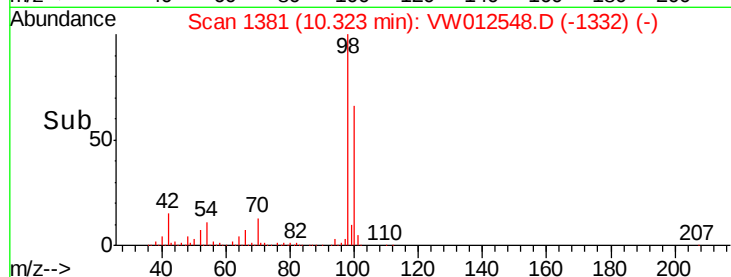
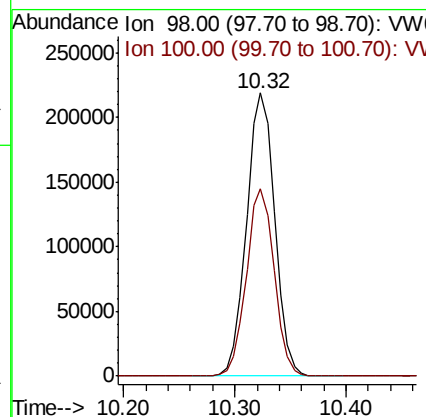
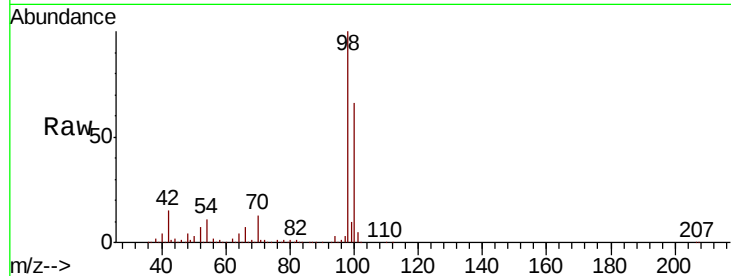
S602-M-2.0-2.5-082319

Tot Ion: 98 Resp: 385137

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6



#52

Toluene

Concen: 2.322 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012548.D

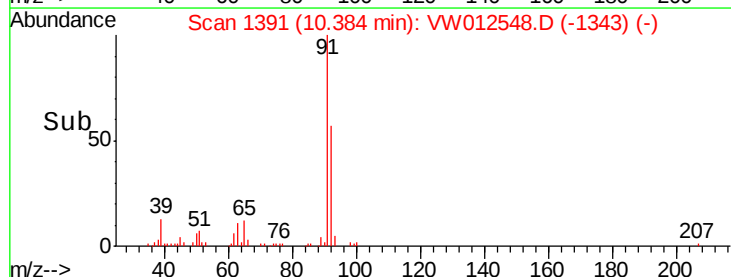
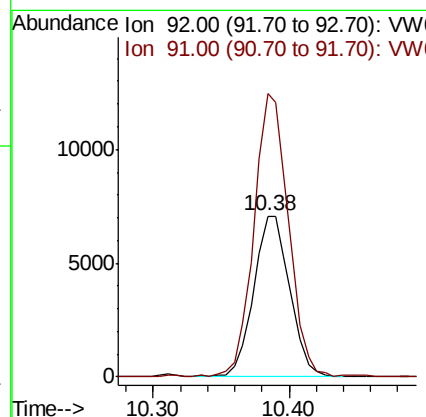
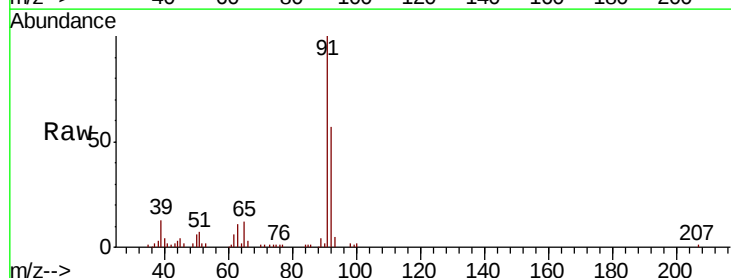
Acq: 03 Sep 2019 15:56

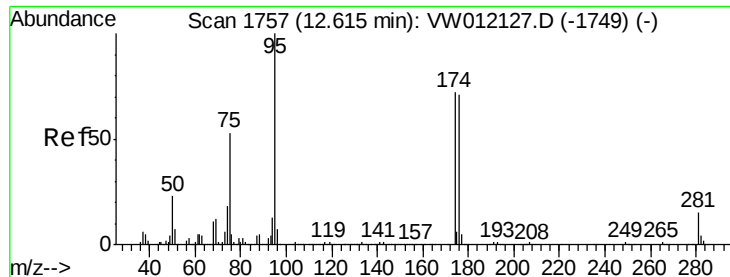
Tgt Ion: 92 Resp: 13176

Ion Ratio Lower Upper

92 100

91 168.1 136.6 204.8

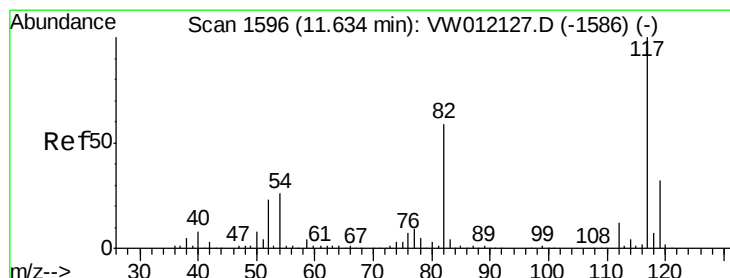
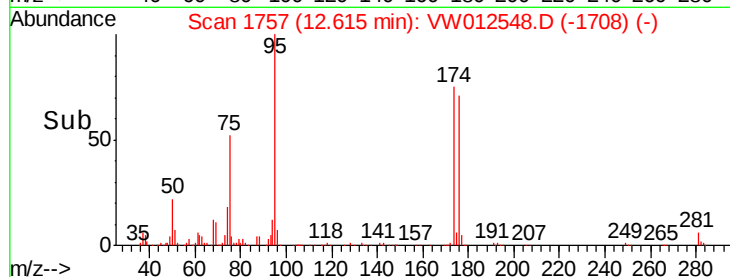
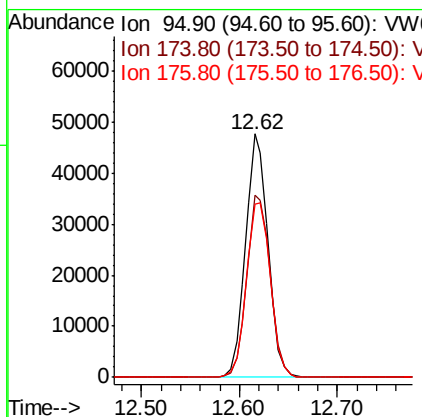
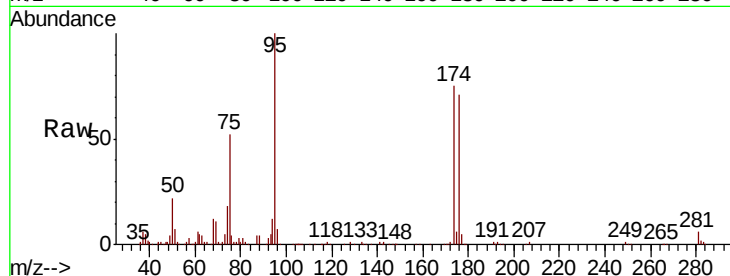




#62
4-Bromofluorobenzene
Concen: 26.538 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012548.D
Acq: 03 Sep 2019 15:56

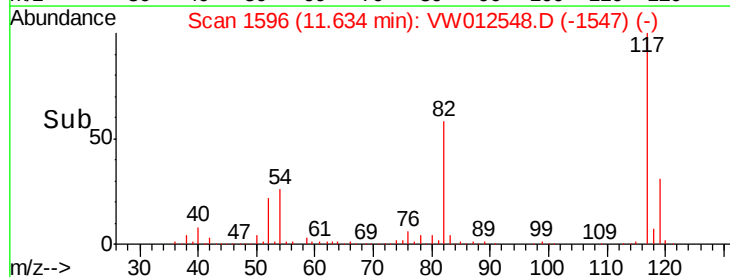
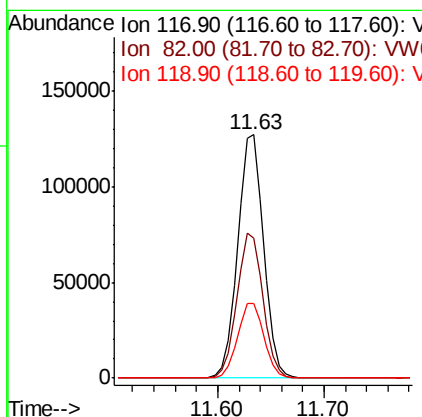
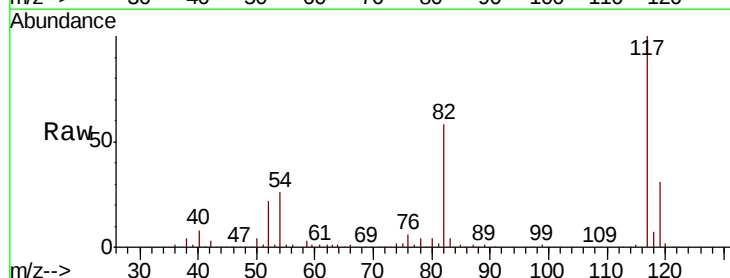
Instrument :
MSVOA_W
ClientSampleId :
S602-M-2.0-2.5-082319

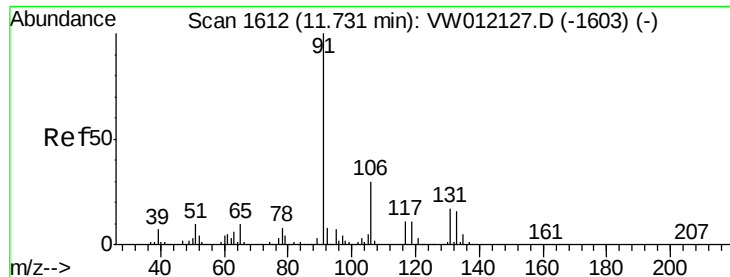
Tot Ion: 95 Resp: 75797
Ion Ratio Lower Upper
95 100
174 77.8 0.0 150.8
176 76.5 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012548.D
Acq: 03 Sep 2019 15:56

Tgt Ion: 117 Resp: 217577
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 30.8 25.4 38.2

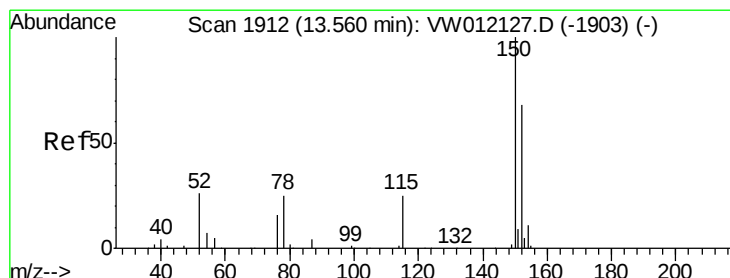
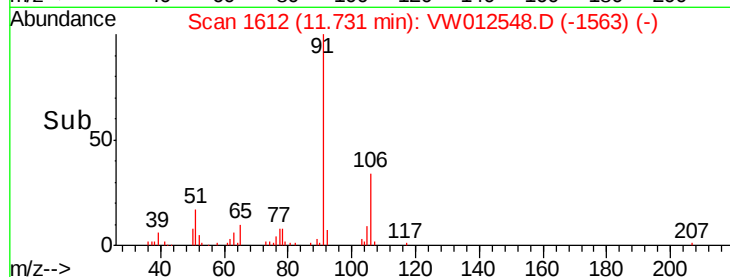
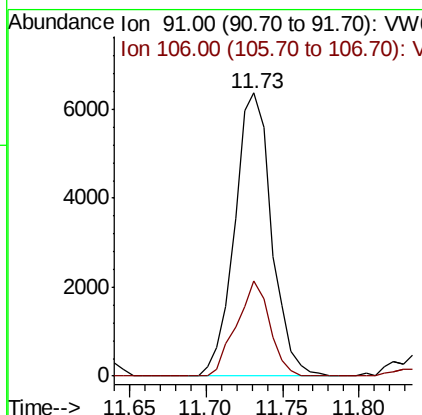
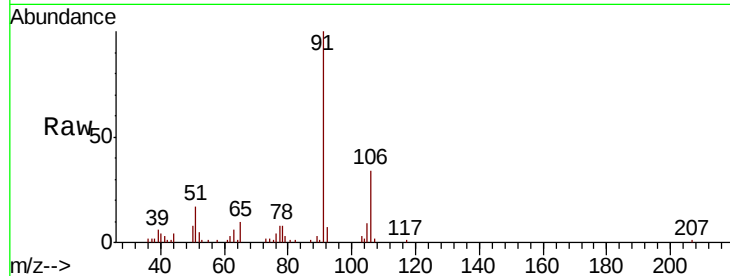




#67
Ethyl Benzene
Concen: 1.291 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012548.D
Acq: 03 Sep 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
S602-M-2.0-2.5-082319

Tot Ion: 91 Resp: 10658
Ion Ratio Lower Upper
91 100
106 33.7 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012548.D
Acq: 03 Sep 2019 15:56

Tgt Ion: 152 Resp: 47180
Ion Ratio Lower Upper
152 100
115 59.4 30.1 90.3
150 155.0 0.0 345.8

