

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012543.D
 Acq On : 03 Sep 2019 13:47
 Operator : SY/VA
 Sample : K4647-01
 Misc : 5.42G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S401-K1-1.0-1.5-082619-FD

Quant Time: Sep 03 14:29:13 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

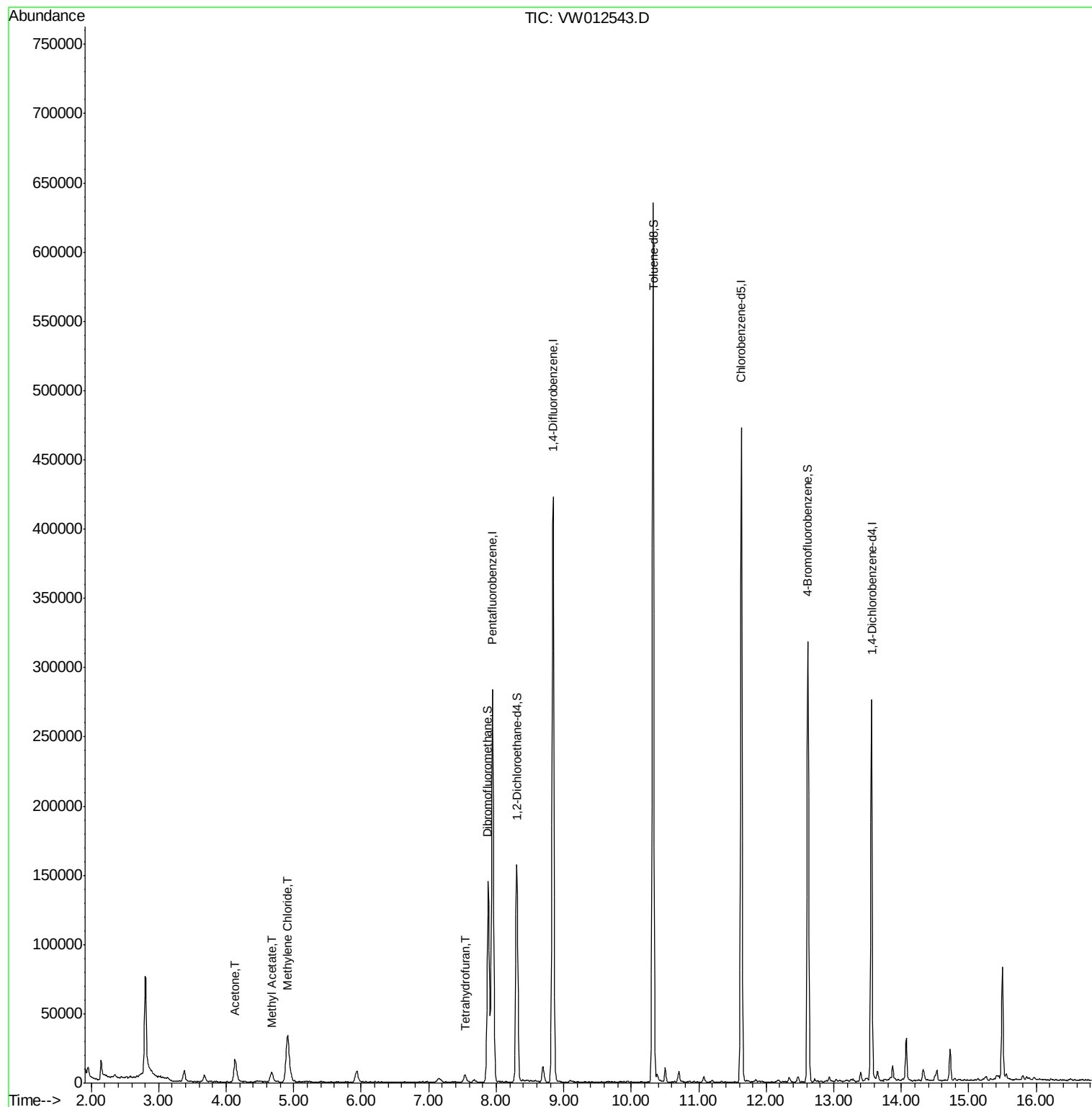
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	207454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	337117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	251587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	70066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	128271	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
35) Dibromofluoromethane	7.88	113	103335	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	10.32	98	403373	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.62	95	99420	34.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.14%	
Target Compounds						
16) Acetone	4.14	43	33015	52.372	ug/l	99
18) Methyl Acetate	4.67	43	13843	8.866	ug/l	99
20) Methylene Chloride	4.91	84	26398	11.077	ug/l	99
29) Tetrahydrofuran	7.53	42	4830	9.398	ug/l	97

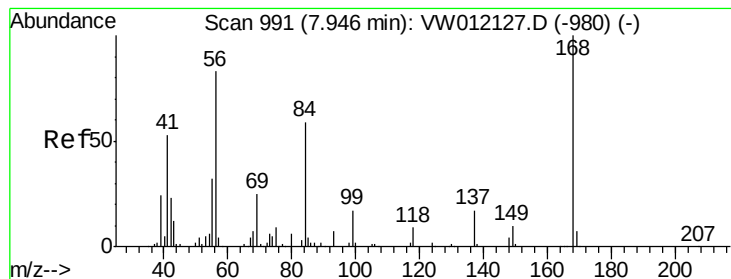
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW012543.D

Acq: 03 Sep 2019 13:47

Instrument :

MSVOA_W

ClientSampleId :

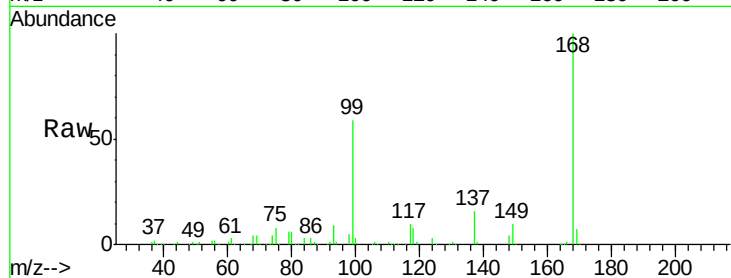
S401-K1-1.0-1.5-082619-FD

Tot Ion:168 Resp: 207454

Ion Ratio Lower Upper

168 100

99 59.1 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

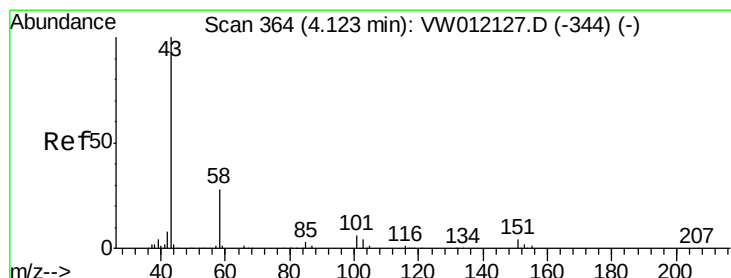
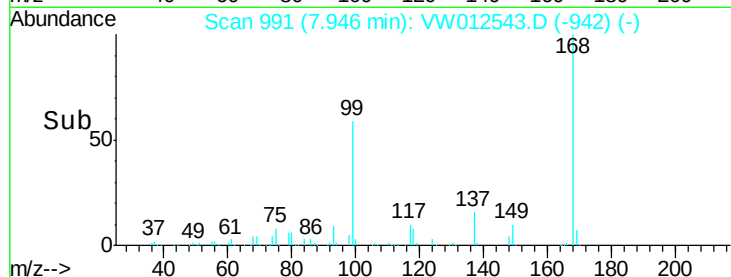
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 52.372 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012543.D

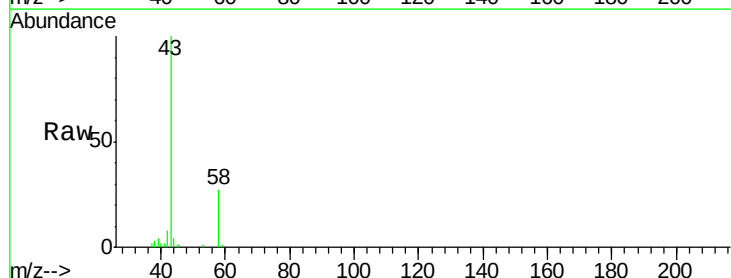
Acq: 03 Sep 2019 13:47

Tgt Ion: 43 Resp: 33015

Ion Ratio Lower Upper

43 100

58 27.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

12000

10000

8000

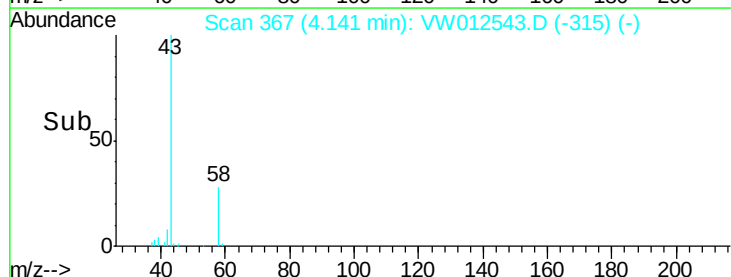
6000

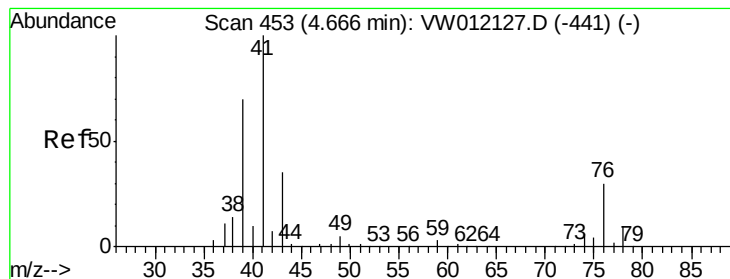
4000

2000

0

Time-->





#18

Methyl Acetate

Concen: 8.866 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012543.D

Acq: 03 Sep 2019 13:47

Instrument :

MSVOA_W

ClientSampleId :

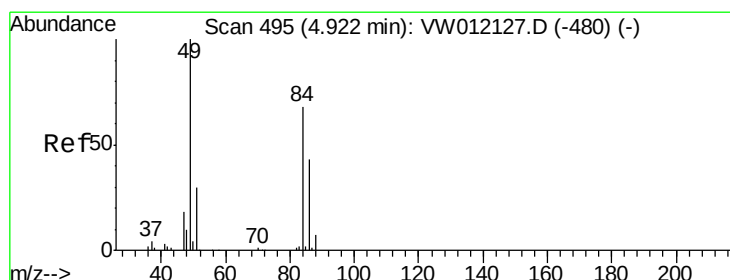
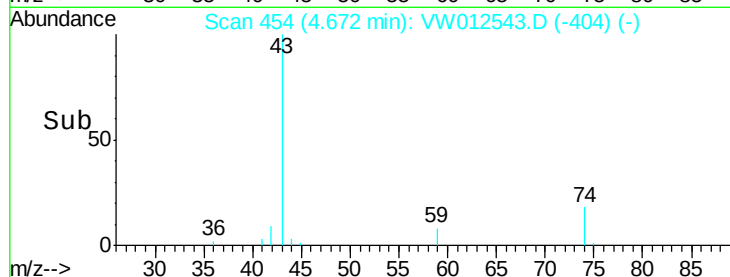
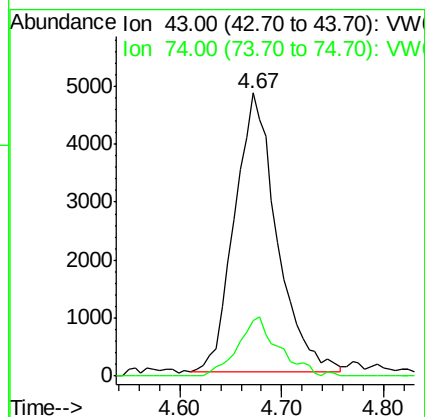
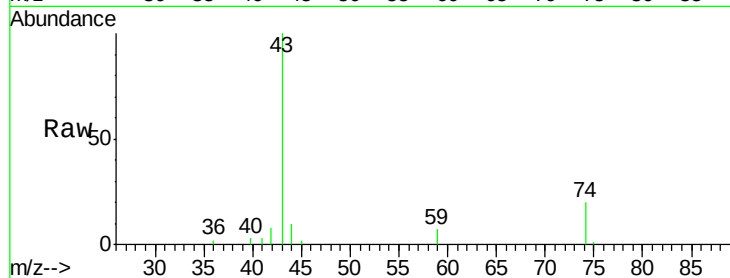
S401-K1-1.0-1.5-082619-FD

Tot Ion: 43 Resp: 13843

Ion Ratio Lower Upper

43 100

74 20.1 15.7 23.5



#20

Methylene Chloride

Concen: 11.077 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012543.D

Acq: 03 Sep 2019 13:47

Tgt Ion: 84 Resp: 26398

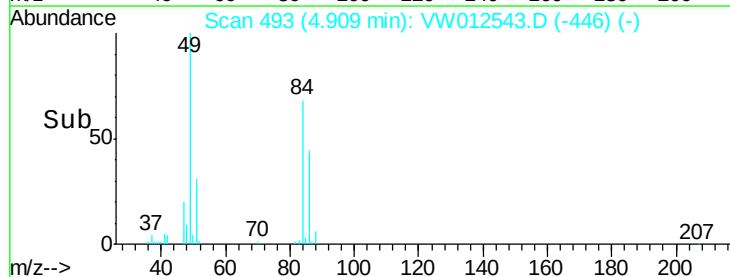
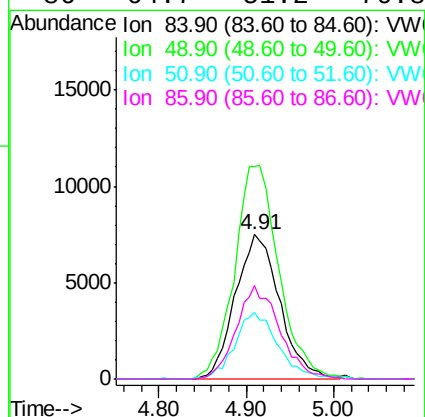
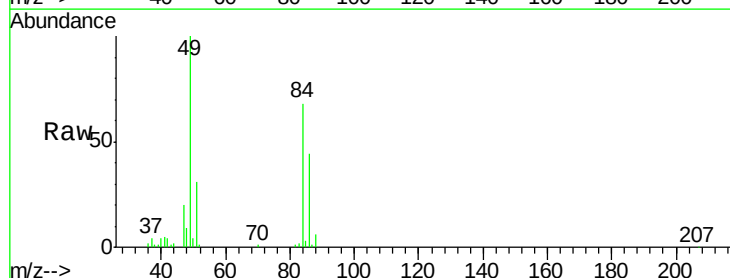
Ion Ratio Lower Upper

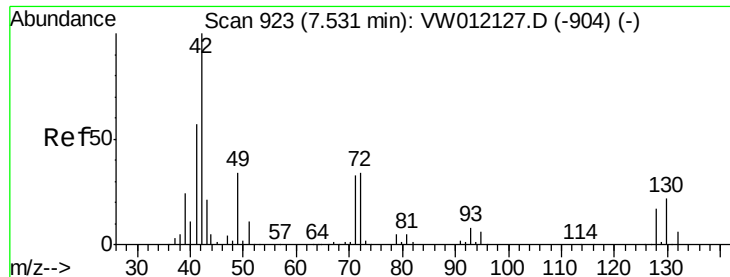
84 100

49 147.3 117.8 176.8

51 46.0 35.6 53.4

86 64.7 51.2 76.8





#29

Tetrahydrofuran

Concen: 9.398 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012543.D

Acq: 03 Sep 2019 13:47

Instrument :

MSVOA_W

ClientSampleId :

S401-K1-1.0-1.5-082619-FD

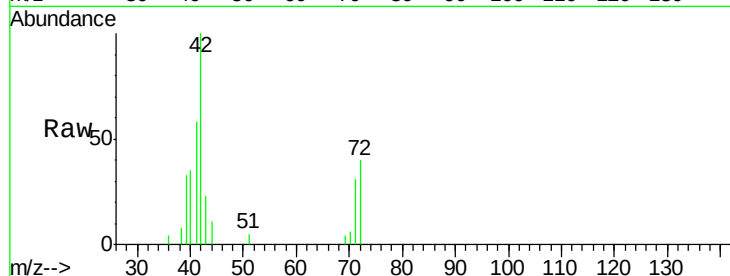
Tot Ion: 42 Resp: 4830

Ion Ratio Lower Upper

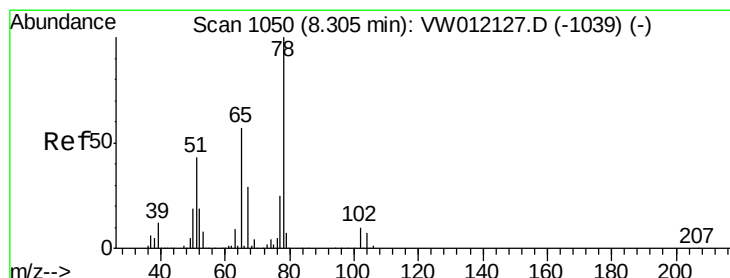
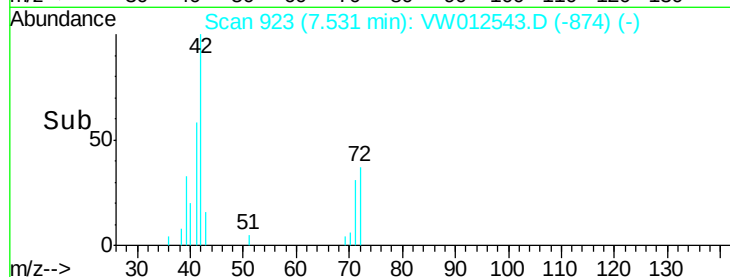
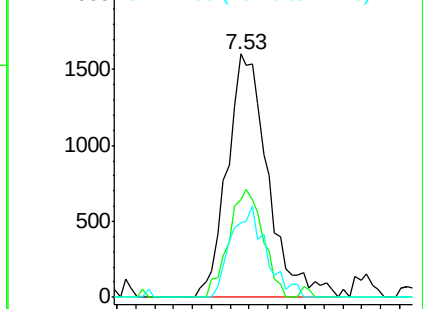
42 100

72 37.2 27.3 40.9

71 32.3 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: 52.013 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012543.D

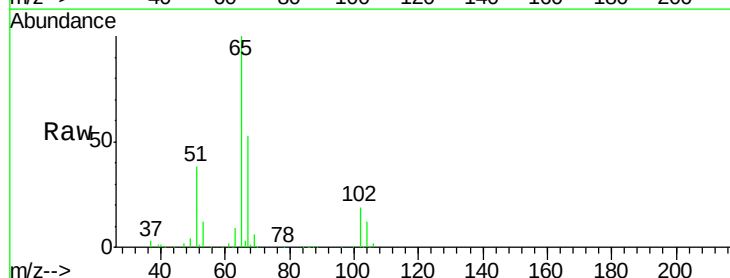
Acq: 03 Sep 2019 13:47

Tgt Ion: 65 Resp: 128271

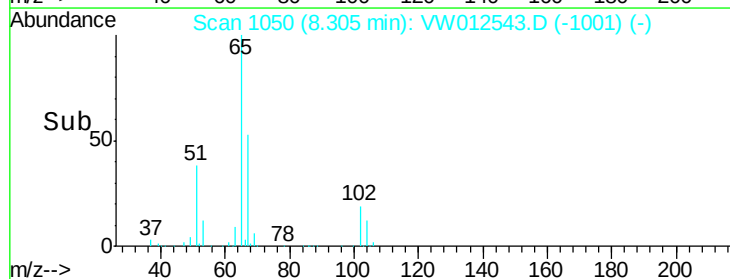
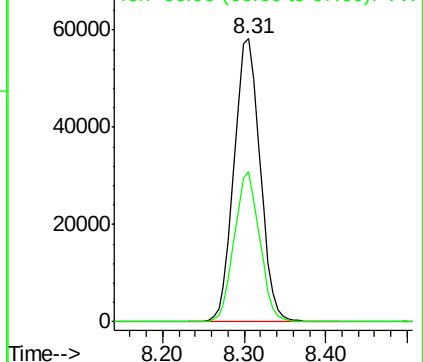
Ion Ratio Lower Upper

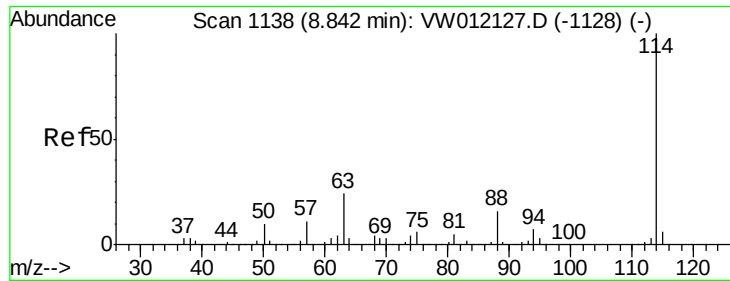
65 100

67 51.5 0.0 102.6



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

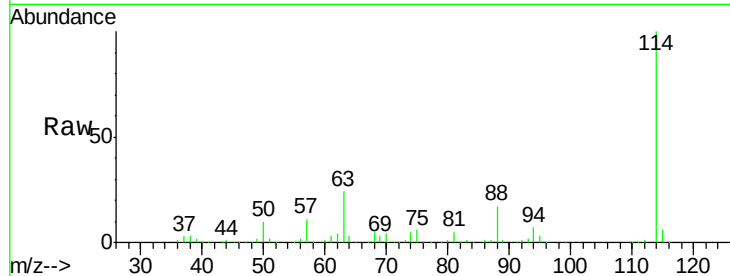




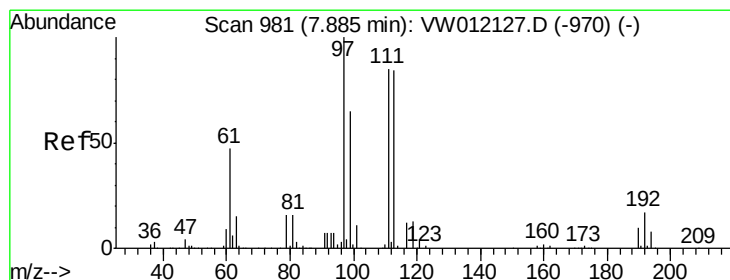
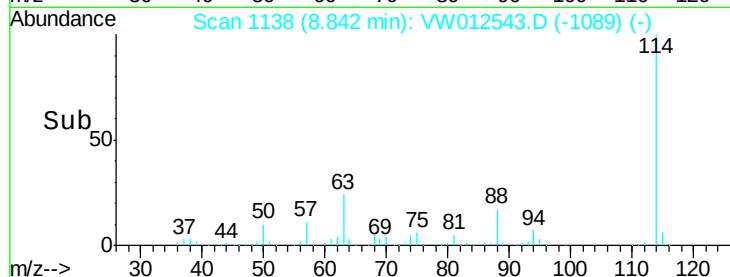
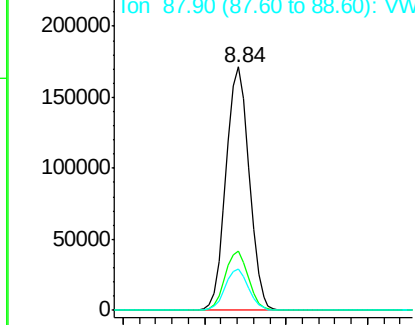
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012543.D
 Acq: 03 Sep 2019 13:47

Instrument :
 MSVOA_W
 ClientSampleId :
 S401-K1-1.0-1.5-082619-FD

Tot Ion:114 Resp: 337117
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.6
 88 16.8 0.0 32.2

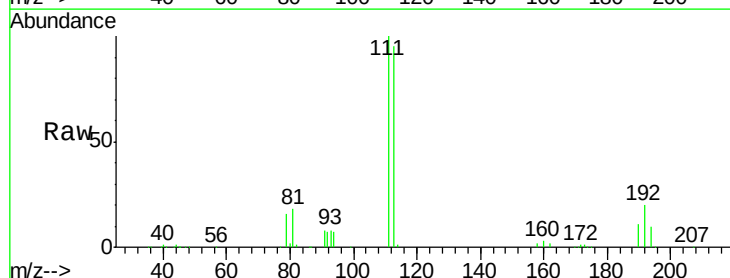


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

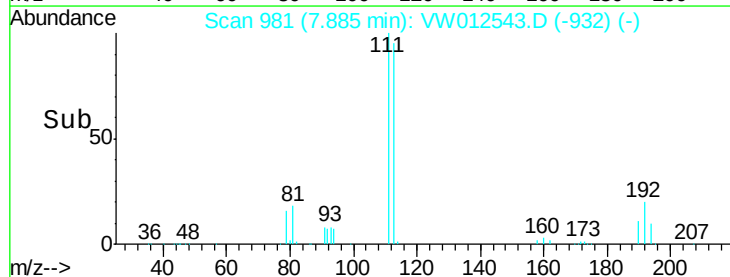
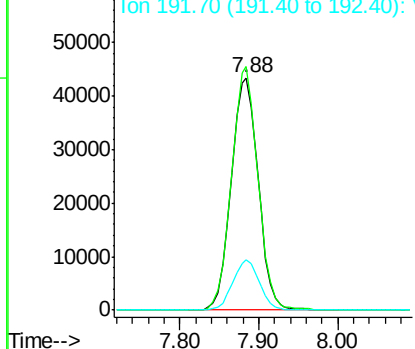


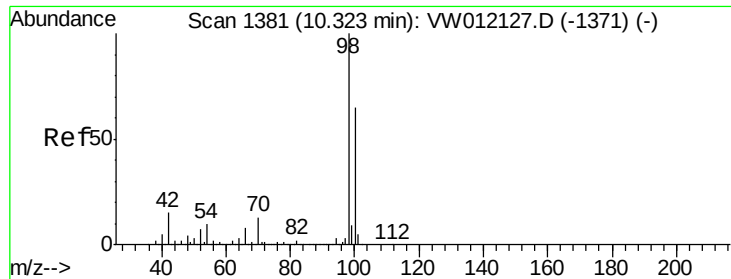
#35
 Dibromofluoromethane
 Concen: 51.353 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012543.D
 Acq: 03 Sep 2019 13:47

Tgt Ion:113 Resp: 103335
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.7 124.1
 192 21.3 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: 49.438 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012543.D

Acq: 03 Sep 2019 13:47

Instrument :

MSVOA_W

ClientSampleId :

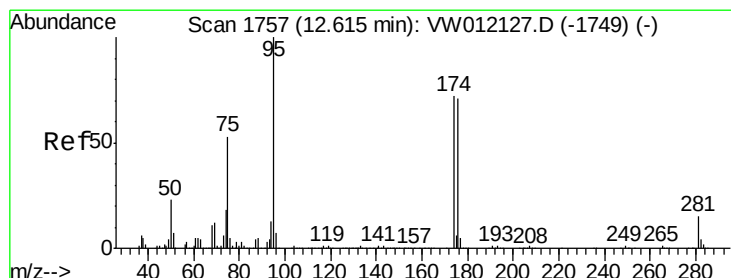
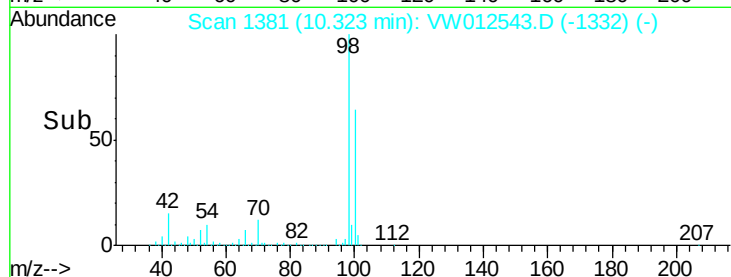
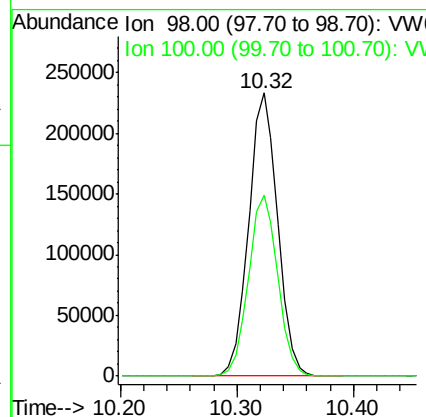
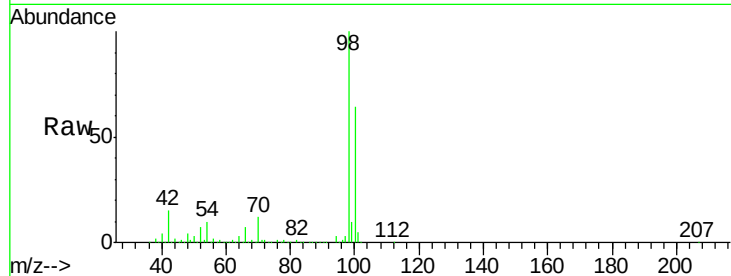
S401-K1-1.0-1.5-082619-FD

Tot Ion: 98 Resp: 403373

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 34.568 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012543.D

Acq: 03 Sep 2019 13:47

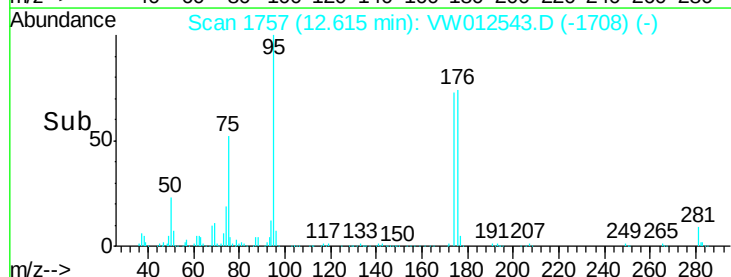
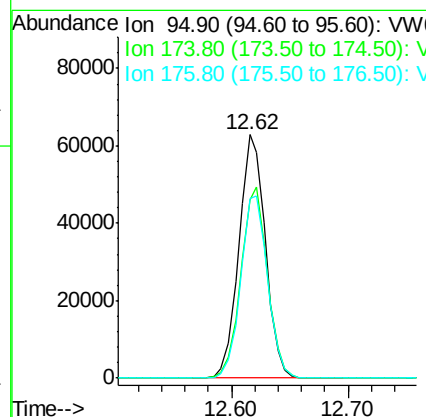
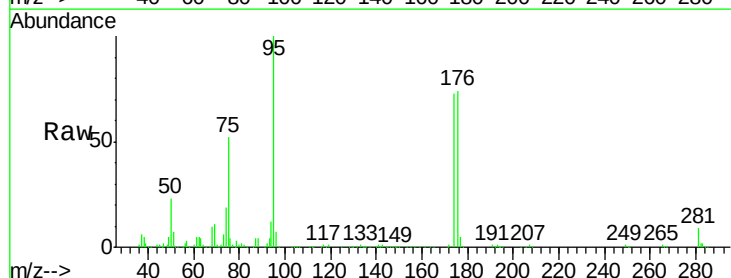
Tgt Ion: 95 Resp: 99420

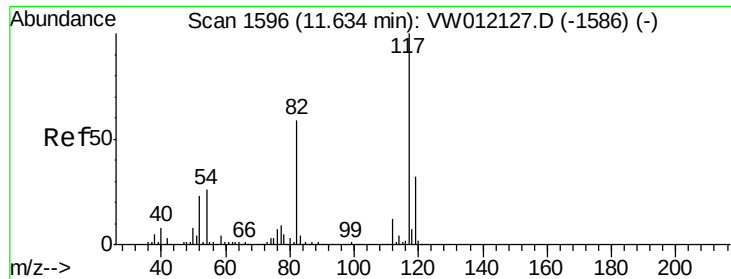
Ion Ratio Lower Upper

95 100

174 78.7 0.0 150.8

176 76.2 0.0 148.6

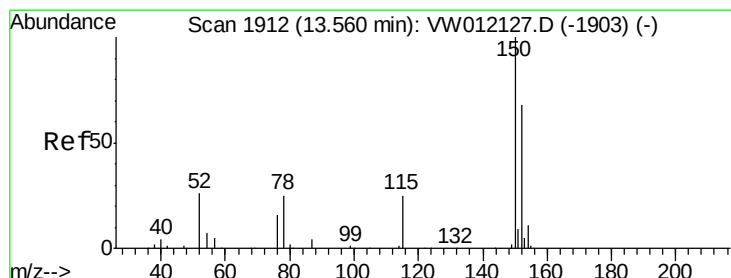
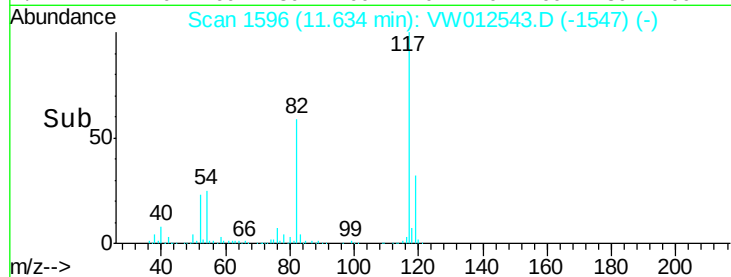
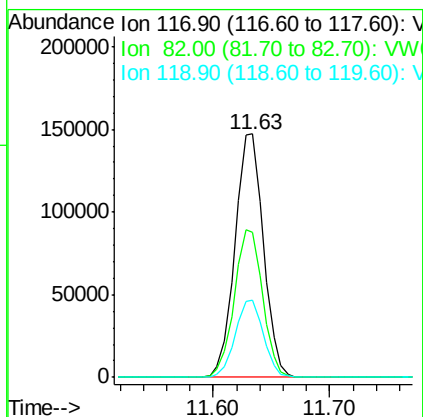
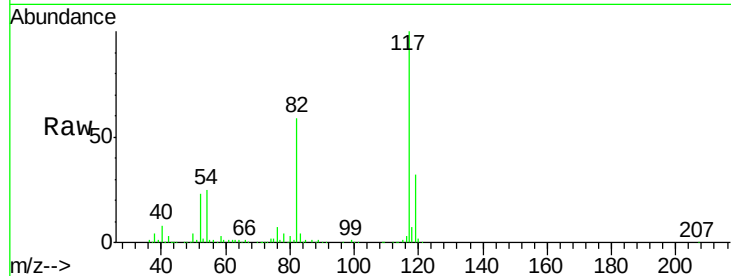




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012543.D
Acq: 03 Sep 2019 13:47

Instrument :
MSVOA_W
ClientSampleId :
S401-K1-1.0-1.5-082619-FD

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.4	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: VW012543.D
Acq: 03 Sep 2019 13:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.1	90.3
150	156.9	0.0	345.8

