

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031319\
 Data File : VW009163.D
 Acq On : 13 Mar 2019 18:43
 Operator : SY/VA
 Sample : K1873-01RE
 Misc : 3.95G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 371RE

Quant Time: Mar 14 05:54:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

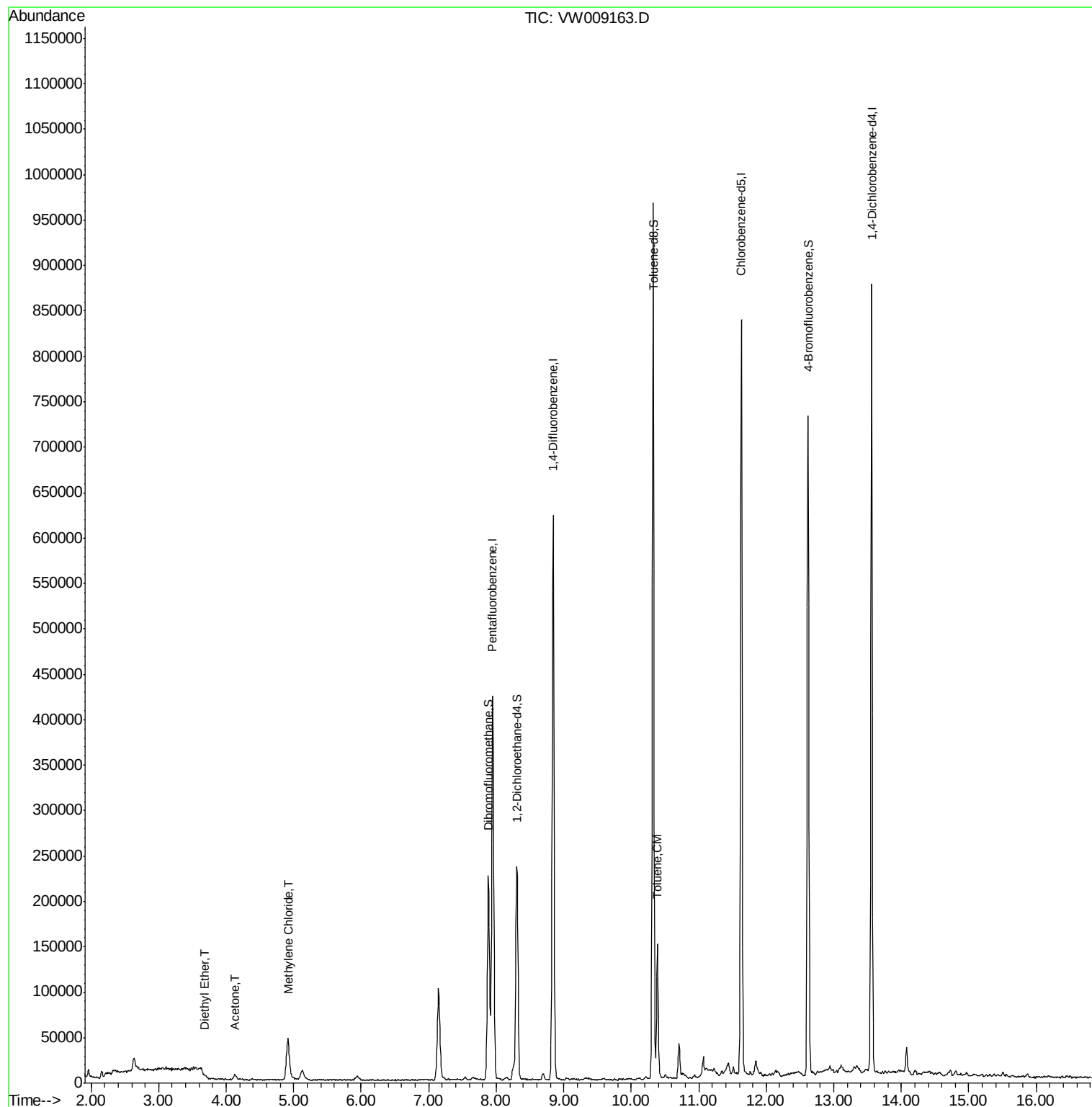
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	314686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	502965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	450513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	206455	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	180913	57.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.28%	
35) Dibromofluoromethane	7.88	113	152284	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	10.32	98	601153	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.62	95	206924	42.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.52%	
Target Compounds						
8) Diethyl Ether	3.68	74	2197	1.365	ug/l	82
16) Acetone	4.13	43	10797	15.112	ug/l	90
20) Methylene Chloride	4.91	84	34204	5.329	ug/l	97
52) Toluene	10.39	92	60731	6.379	ug/l	100

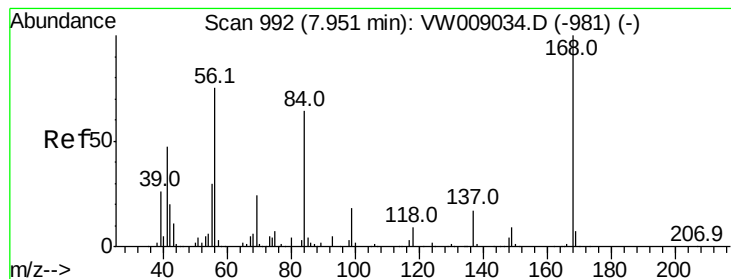
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031319\
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QLast Update : Fri Mar 08 05:22:30 2019
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: VW009163.D

Acq: 13 Mar 2019 18:43

Instrument :

MSVOA_W

ClientSampleId :

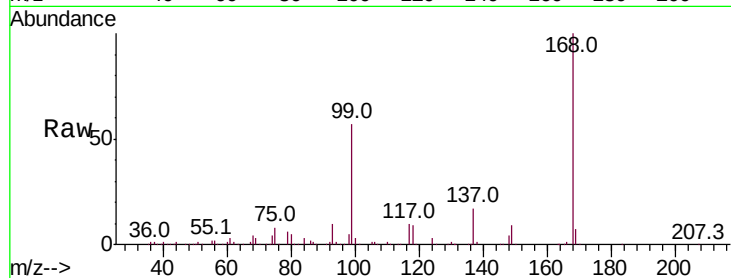
371RE

Tot Ion:168 Resp: 314686

Ion Ratio Lower Upper

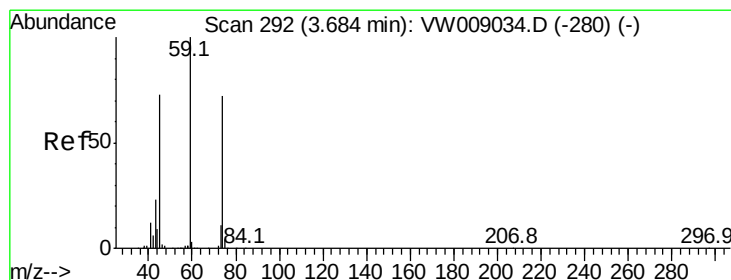
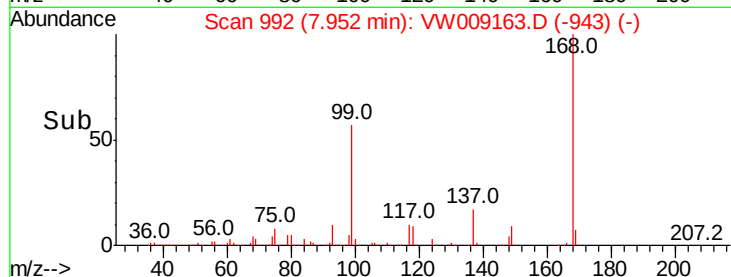
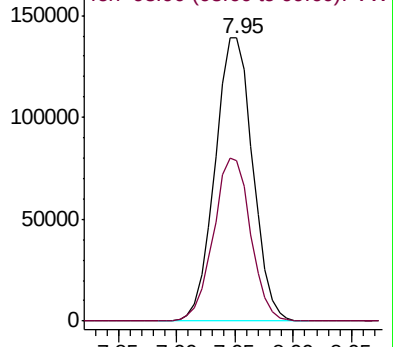
168 100

99 56.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.365 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW009163.D

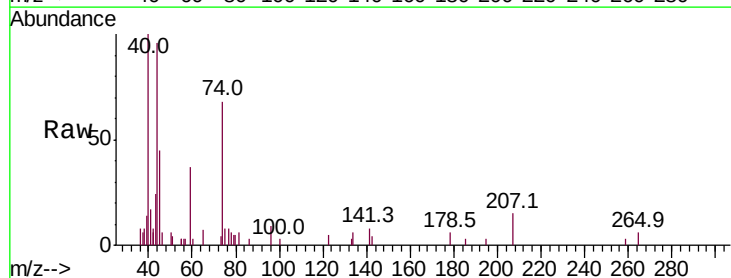
Acq: 13 Mar 2019 18:43

Tgt Ion: 74 Resp: 2197

Ion Ratio Lower Upper

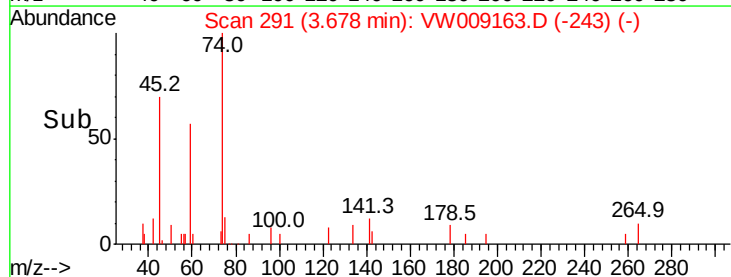
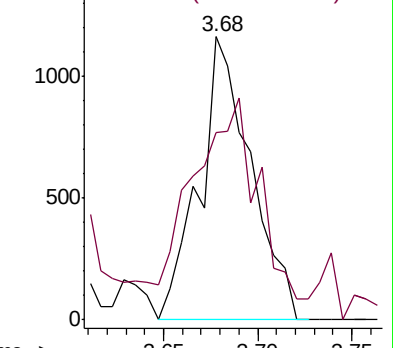
74 100

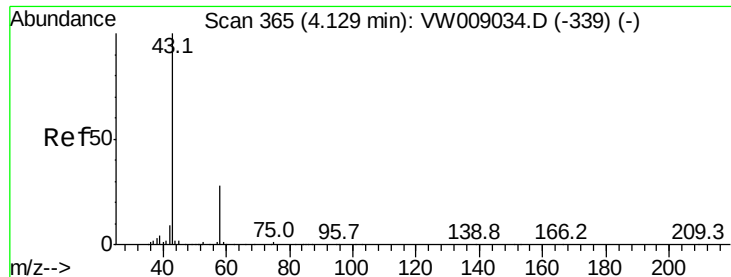
45 86.2 52.3 157.1



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 15.112 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW009163.D

Acq: 13 Mar 2019 18:43

Instrument :

MSVOA_W

ClientSampleId :

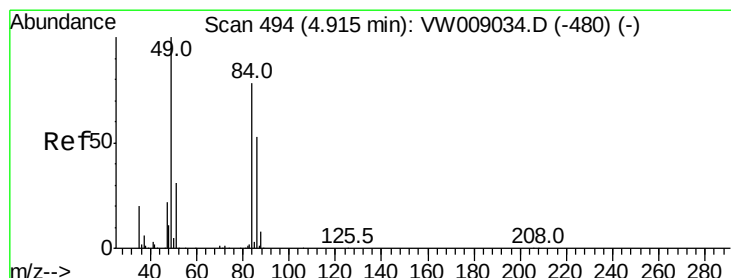
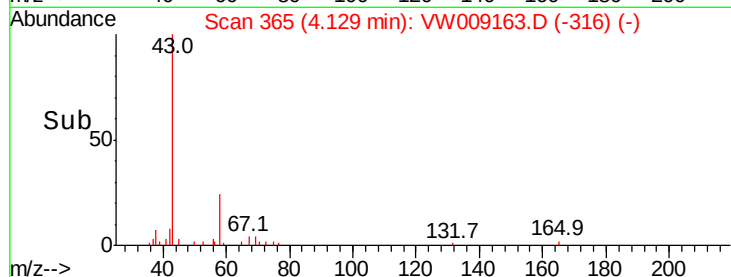
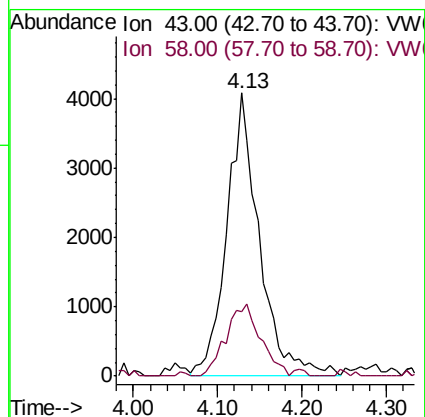
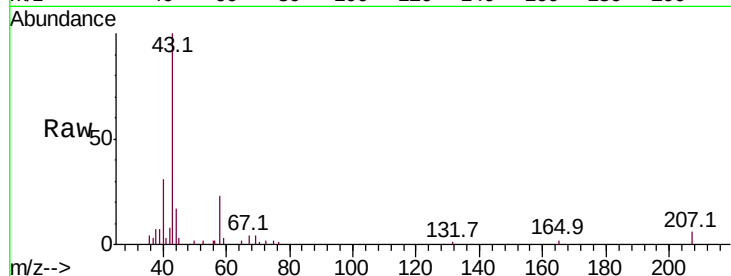
371RE

Tot Ion: 43 Resp: 10797

Ion Ratio Lower Upper

43 100

58 23.0 22.5 33.7



#20

Methylene Chloride

Concen: 5.329 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009163.D

Acq: 13 Mar 2019 18:43

Tgt Ion: 84 Resp: 34204

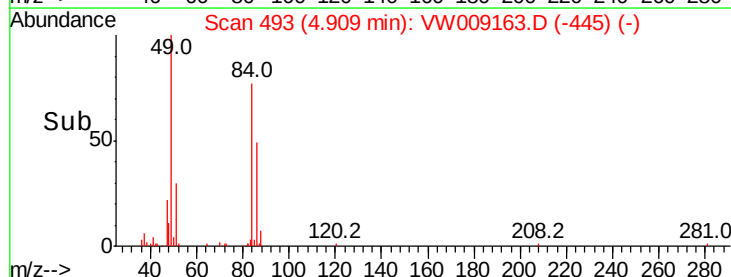
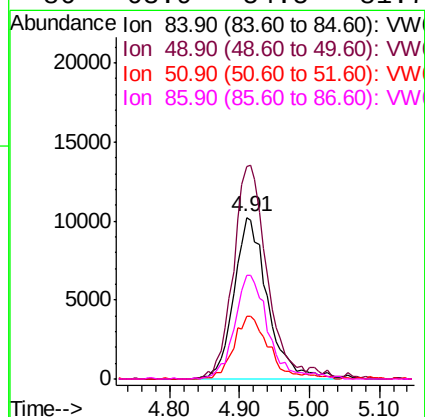
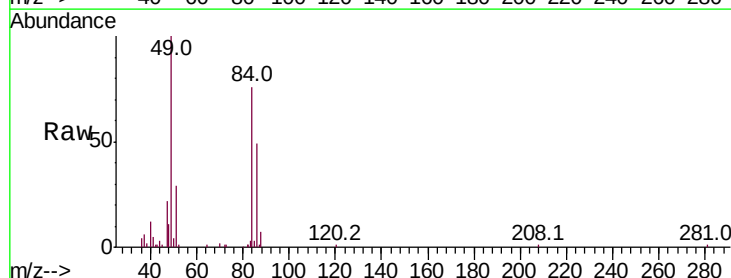
Ion Ratio Lower Upper

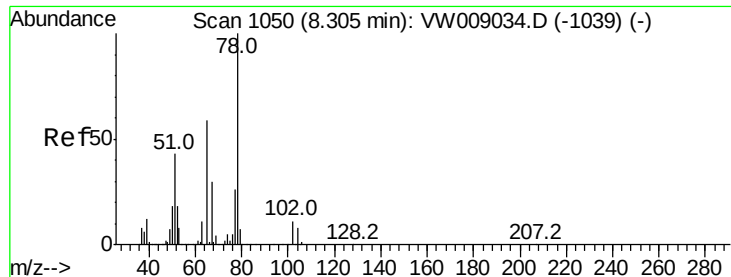
84 100

49 130.2 102.4 153.6

51 38.6 31.6 47.4

86 63.9 54.5 81.7

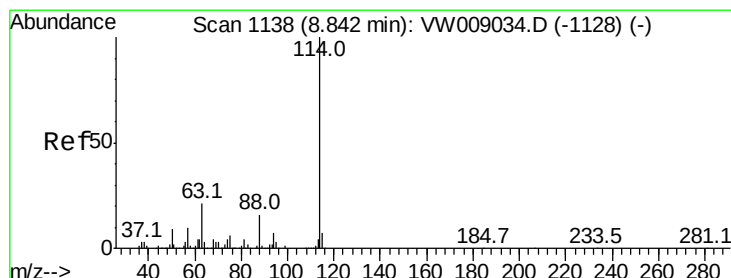
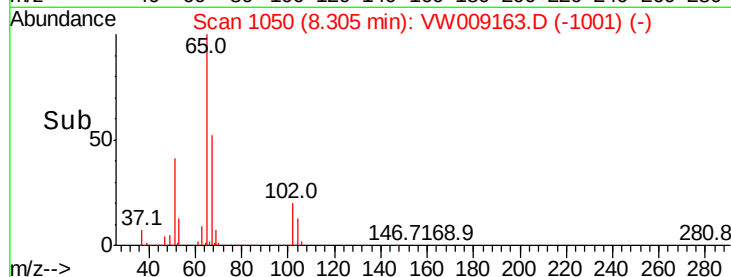
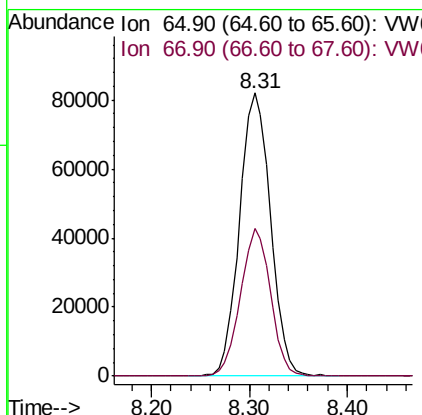
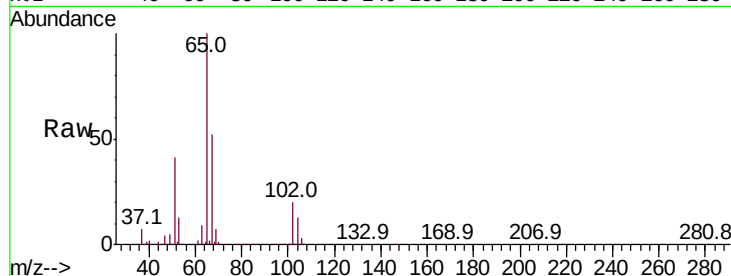




#33
 1,2-Dichloroethane-d4
 Concen: 57.142 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009163.D
 Acq: 13 Mar 2019 18:43

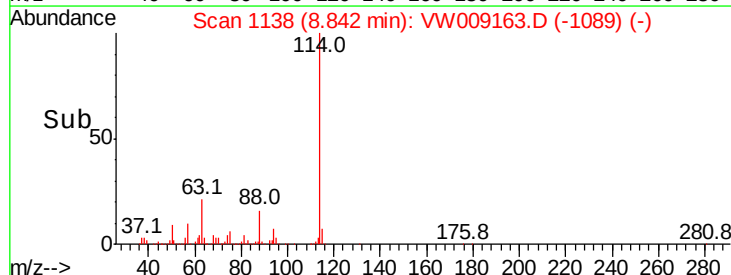
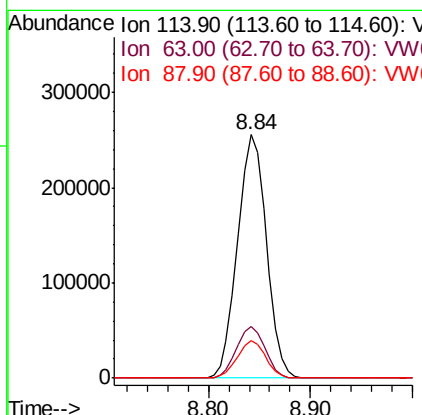
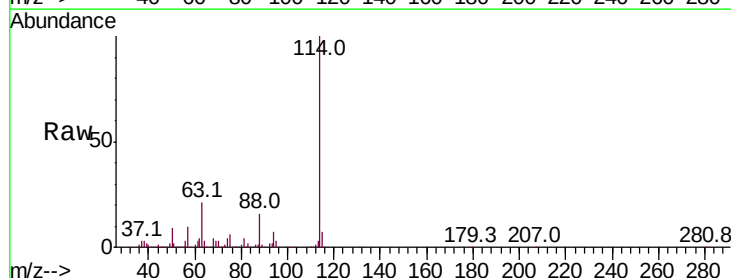
Instrument :
 MSVOA_W
 ClientSampleId :
 371RE

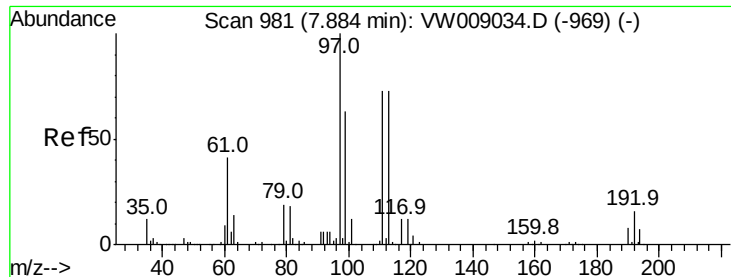
Tot Ion: 65 Resp: 180913
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009163.D
 Acq: 13 Mar 2019 18:43

Tgt Ion: 114 Resp: 502965
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.2
 88 15.6 0.0 31.2

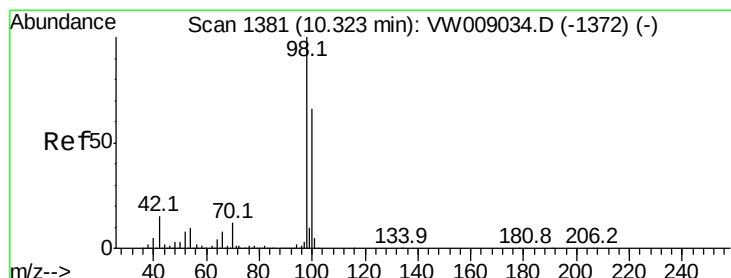
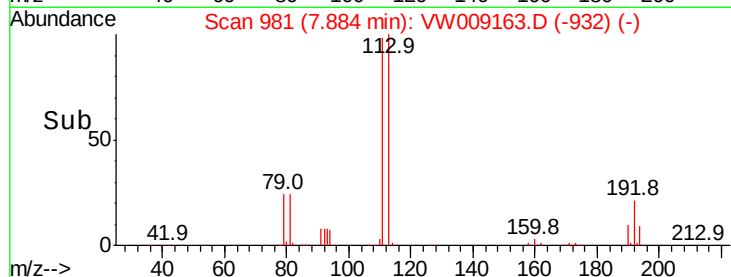
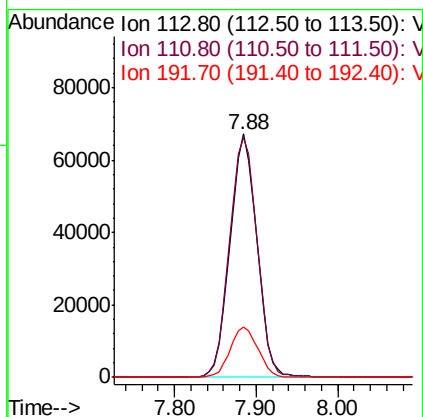
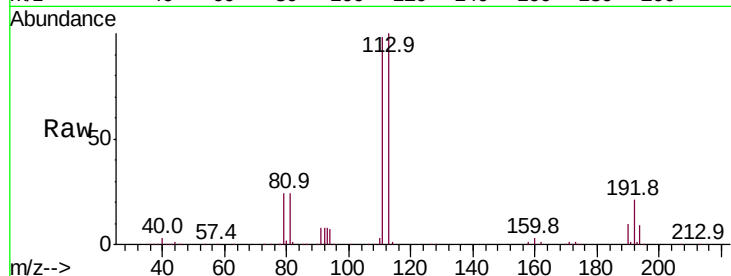




#35
 Dibromofluoromethane
 Concen: 50.287 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009163.D
 Acq: 13 Mar 2019 18:43

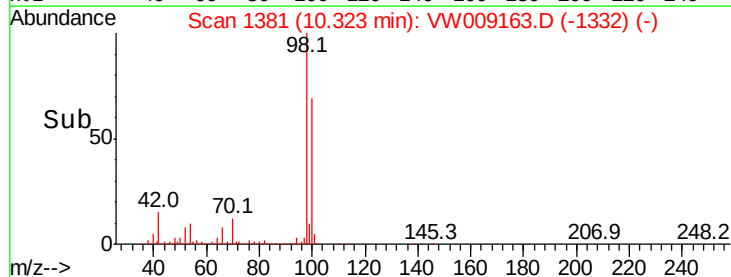
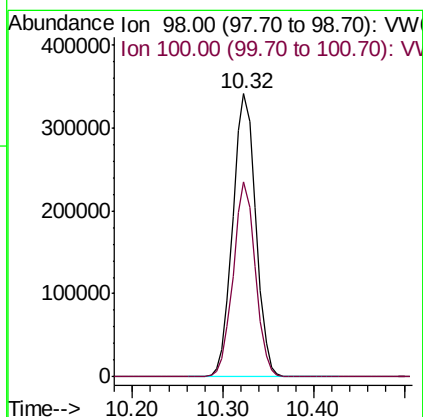
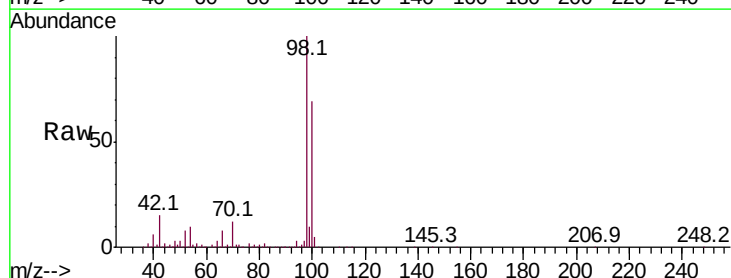
Instrument :
 MSVOA_W
 ClientSampleId :
 371RE

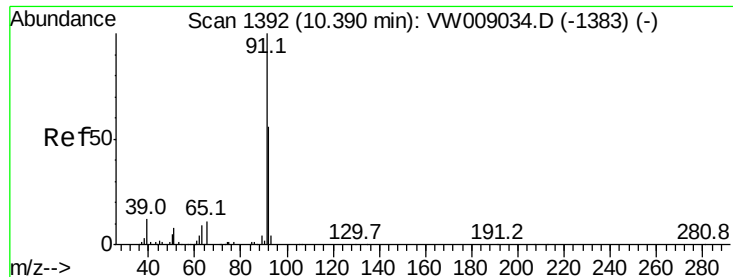
Tot Ion:113 Resp: 152284
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.0 121.4
 192 21.5 17.1 25.7



#50
 Toluene-d8
 Concen: 48.333 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW009163.D
 Acq: 13 Mar 2019 18:43

Tgt Ion: 98 Resp: 601153
 Ion Ratio Lower Upper
 98 100
 100 66.0 51.9 77.9





#52

Toluene

Concen: 6.379 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW009163.D

Acq: 13 Mar 2019 18:43

Instrument :

MSVOA_W

ClientSampleId :

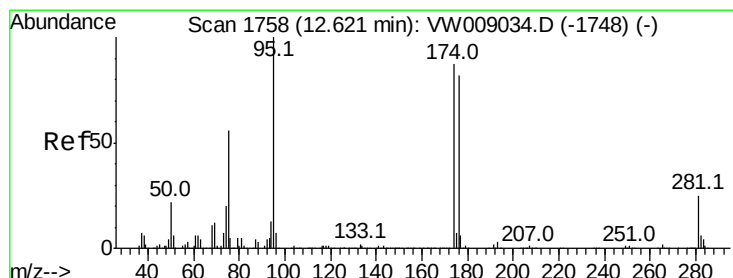
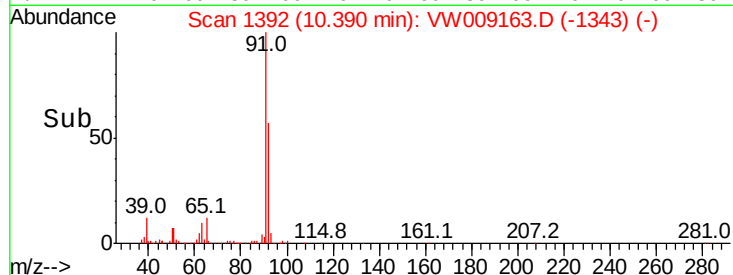
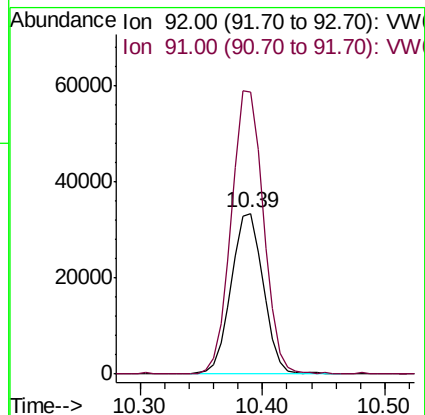
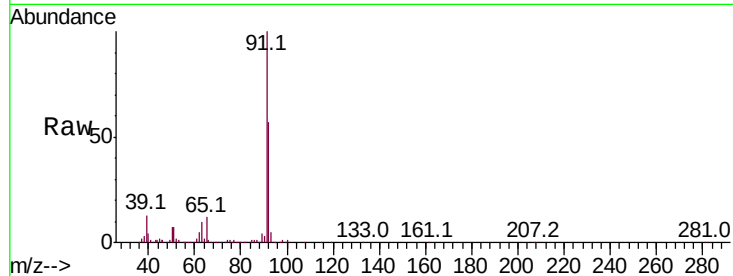
371RE

Tot Ion: 92 Resp: 60731

Ion Ratio Lower Upper

92 100

91 175.3 139.9 209.9



#62

4-Bromofluorobenzene

Concen: 42.262 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009163.D

Acq: 13 Mar 2019 18:43

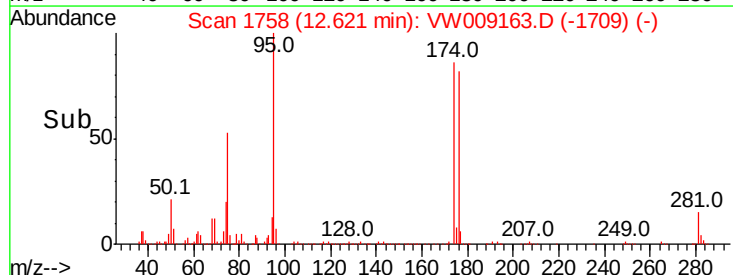
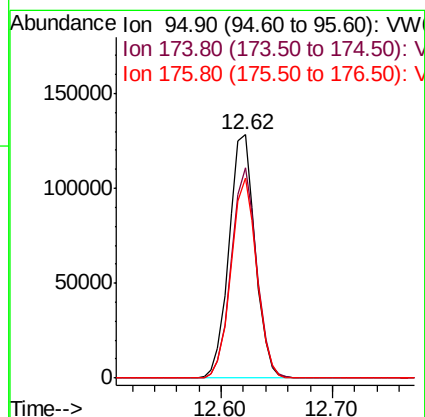
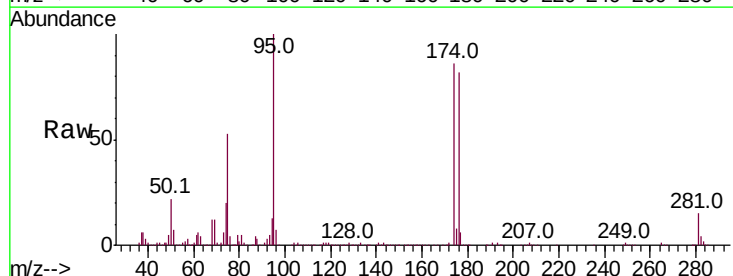
Tgt Ion: 95 Resp: 206924

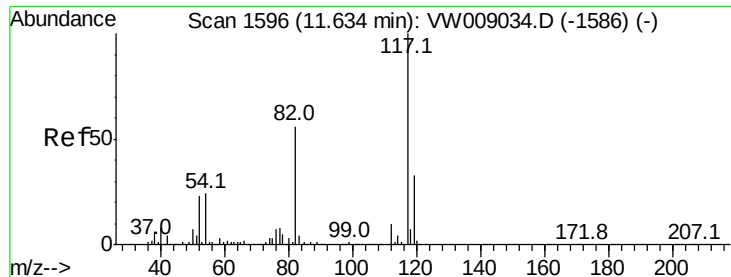
Ion Ratio Lower Upper

95 100

174 84.6 0.0 167.0

176 81.1 0.0 159.4

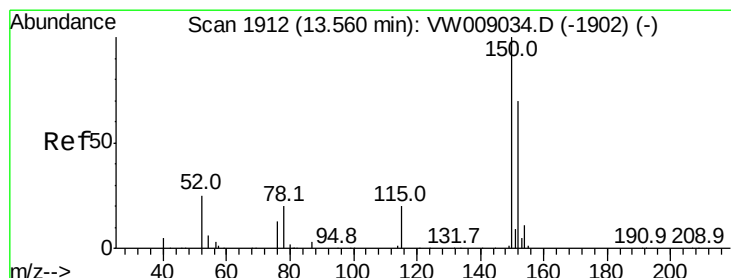
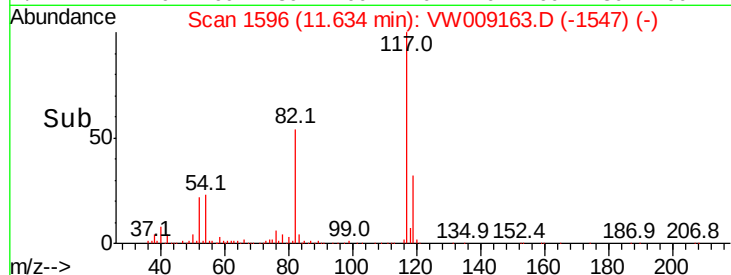
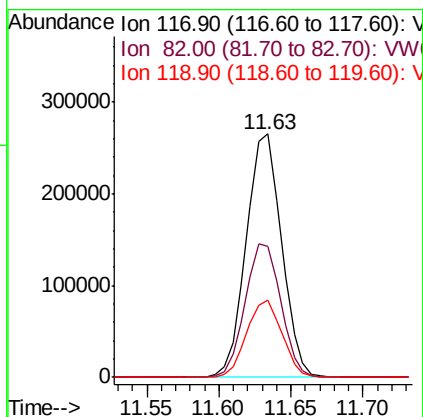
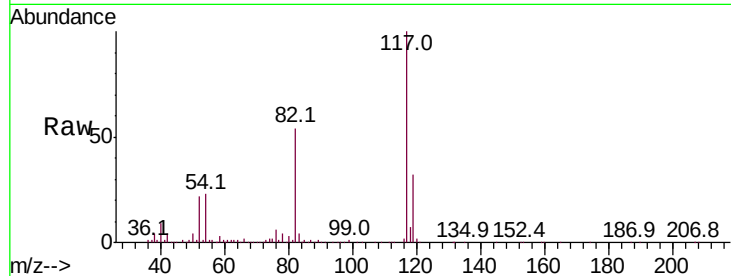




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009163.D
Acq: 13 Mar 2019 18:43

Instrument :
MSVOA_W
ClientSampleId :
371RE

Tot Ion:117 Resp: 450513
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.6
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009163.D
Acq: 13 Mar 2019 18:43

Tgt Ion:152 Resp: 206455
Ion Ratio Lower Upper
152 100
115 60.0 28.9 86.7
150 157.8 0.0 349.2

