

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
 Data File : VW010390.D
 Acq On : 11 May 2019 19:28
 Operator : SY/VA
 Sample : K2719-01
 Misc : 3.55G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS008-0206-01

Quant Time: May 15 11:53:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

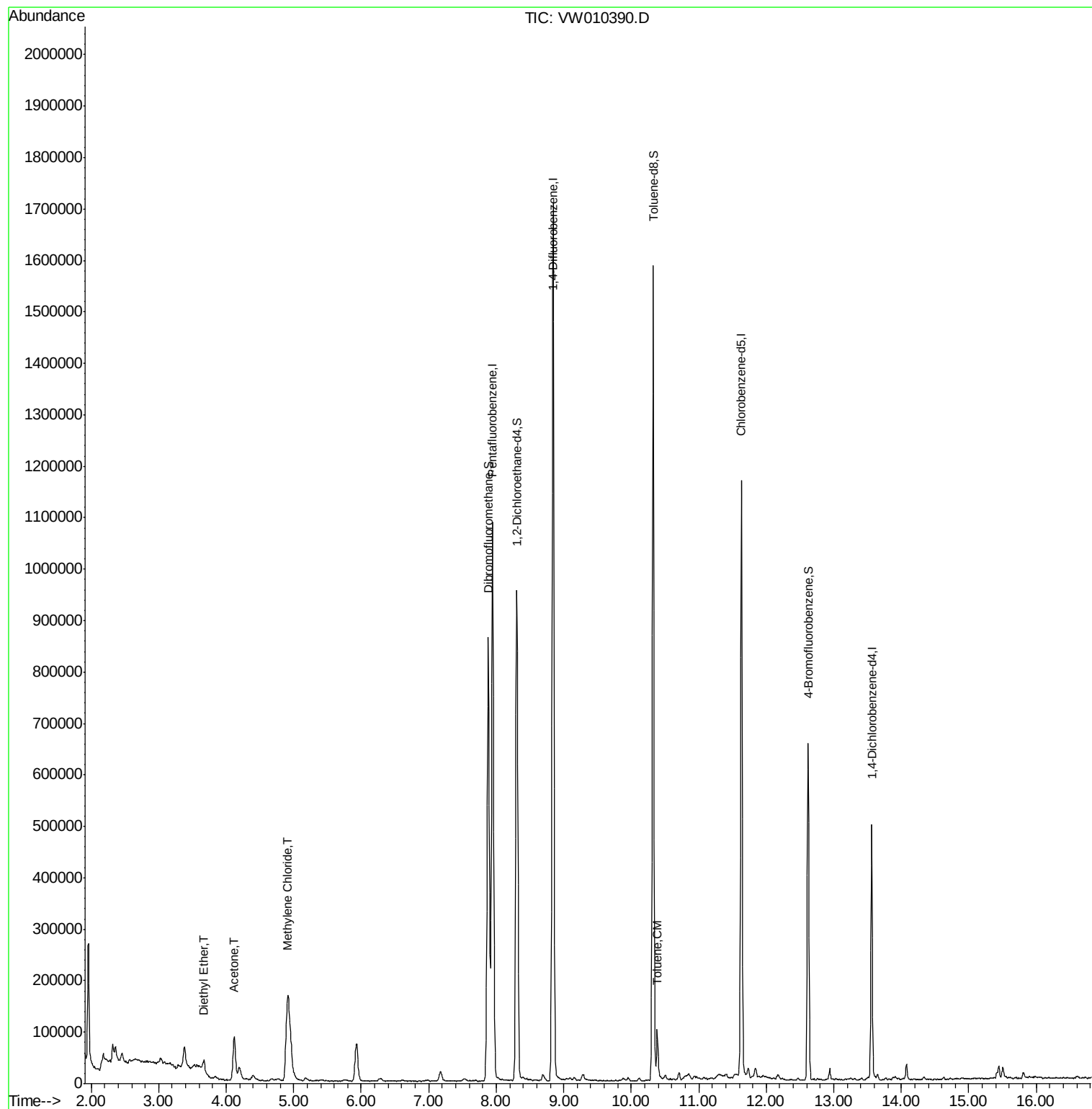
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	771107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1355601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	639388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	125607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	745604	90.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	181.90%	
35) Dibromofluoromethane	7.88	113	618650	77.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	155.98%	
50) Toluene-d8	10.32	98	1015296	31.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.86%	
62) 4-Bromofluorobenzene	12.62	95	203930	17.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	35.86%	
Target Compounds						
8) Diethyl Ether	3.68	74	14099	3.266	ug/l	98
16) Acetone	4.12	43	152431	71.325	ug/l	94
20) Methylene Chloride	4.91	84	159407	17.883	ug/l	96
52) Toluene	10.38	92	38974	1.584	ug/l	100

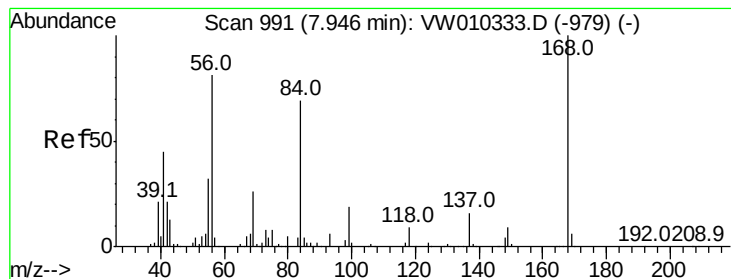
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010390.D

Acq: 11 May 2019 19:28

Instrument :

MSVOA_W

ClientSampleId :

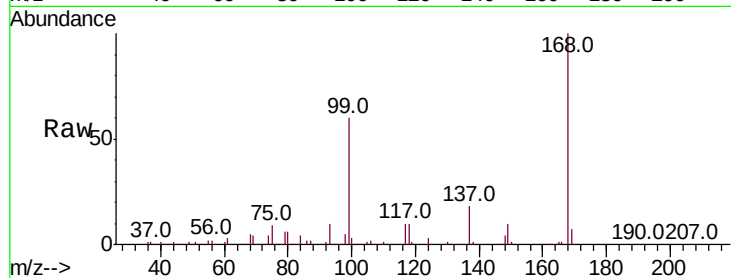
P026-SS008-0206-01

Tot Ion:168 Resp: 771107

Ion Ratio Lower Upper

168 100

99 60.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

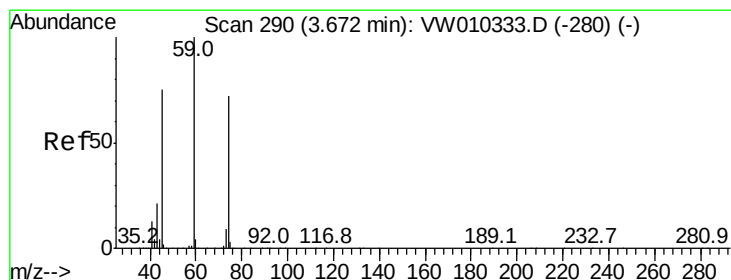
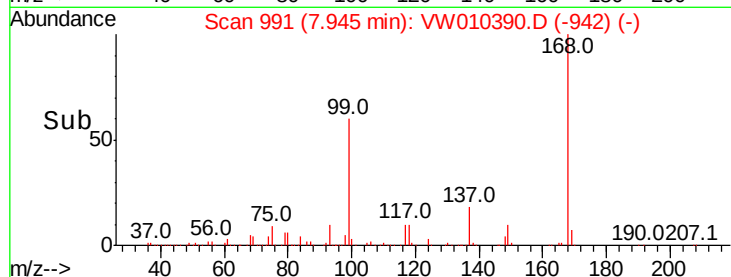
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 3.266 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VW010390.D

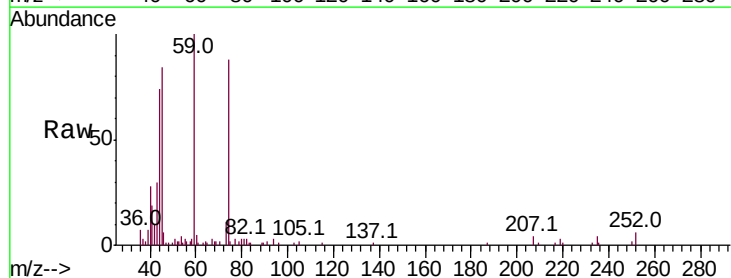
Acq: 11 May 2019 19:28

Tgt Ion: 74 Resp: 14099

Ion Ratio Lower Upper

74 100

45 109.8 56.0 168.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

8000

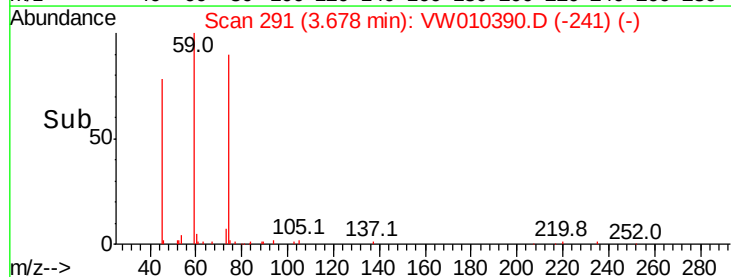
6000

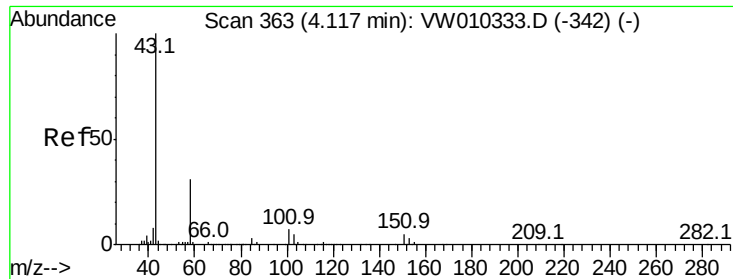
4000

2000

0

Time--> 3.55 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 71.325 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010390.D

Acq: 11 May 2019 19:28

Instrument :

MSVOA_W

ClientSampleId :

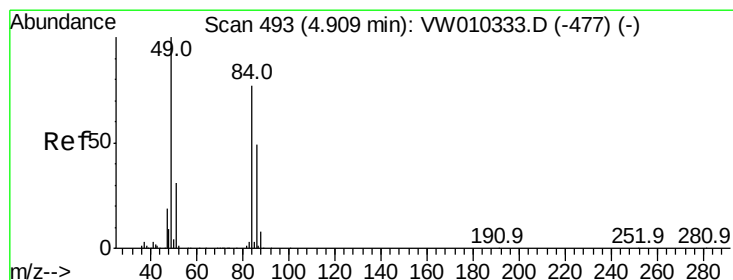
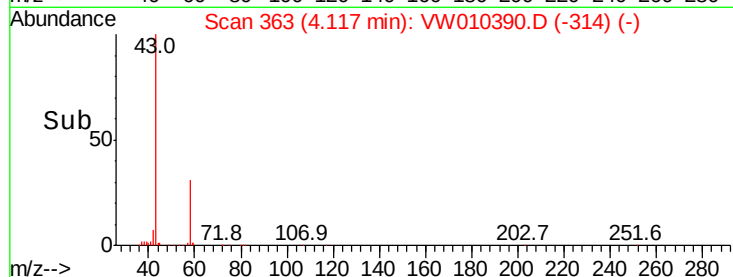
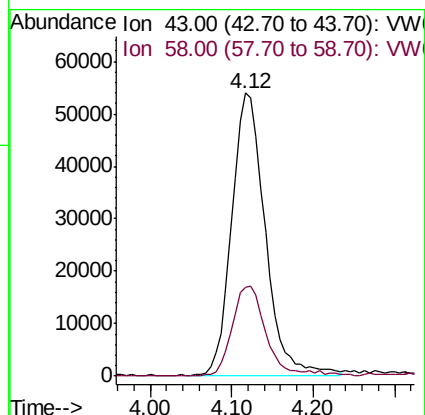
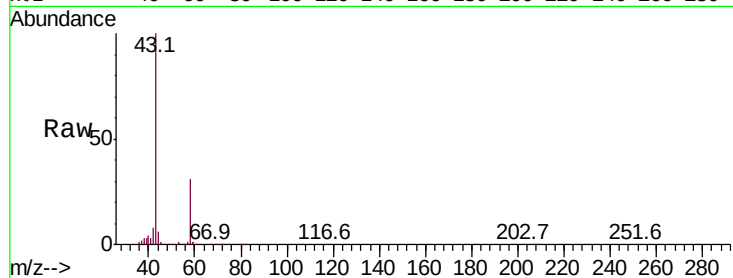
P026-SS008-0206-01

Tot Ion: 43 Resp: 152431

Ion Ratio Lower Upper

43 100

58 31.4 22.7 34.1



#20

Methylene Chloride

Concen: 17.883 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW010390.D

Acq: 11 May 2019 19:28

Tgt Ion: 84 Resp: 159407

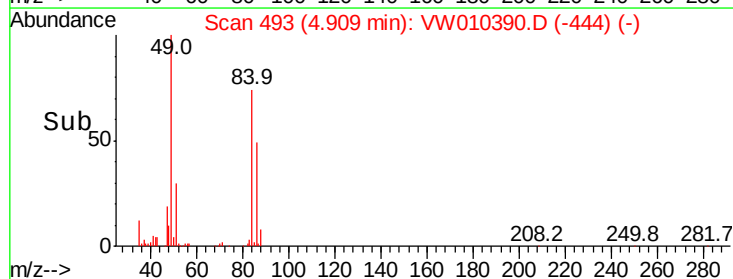
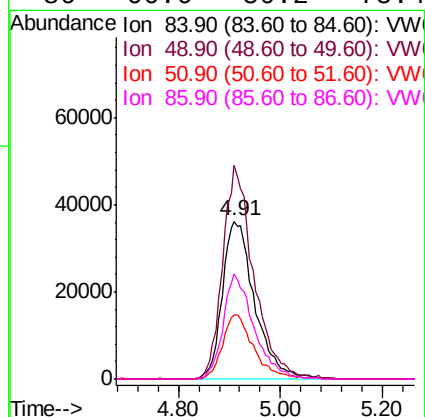
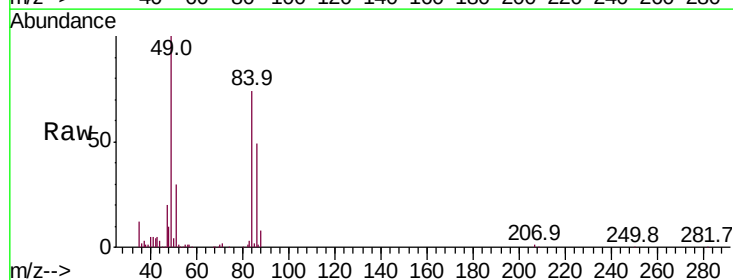
Ion Ratio Lower Upper

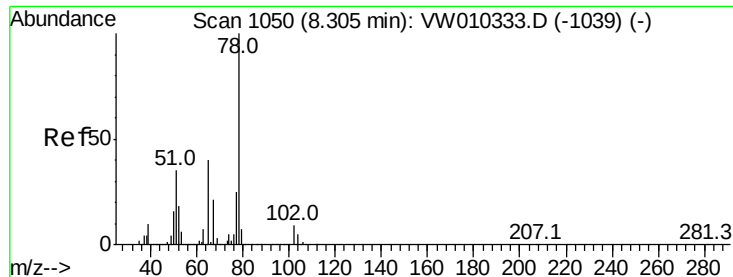
84 100

49 135.3 112.3 168.5

51 40.3 33.9 50.9

86 66.6 50.2 75.4

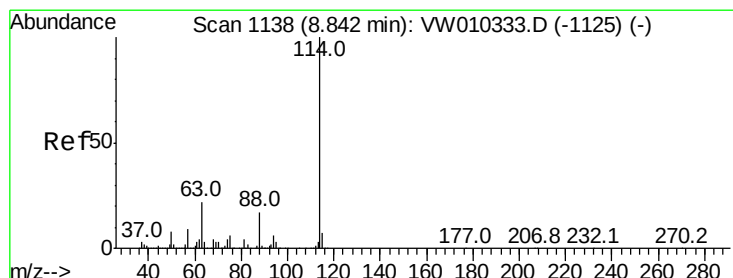
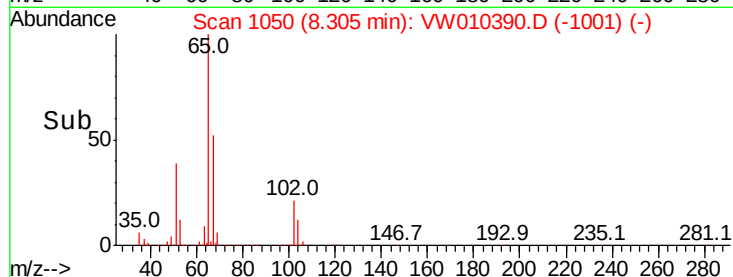
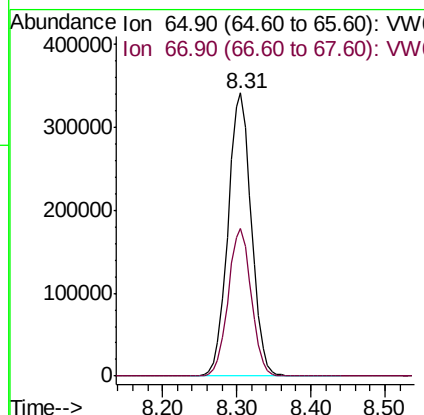
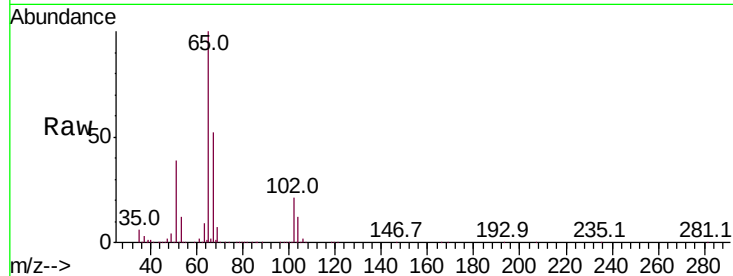




#33
 1,2-Dichloroethane-d4
 Concen: 90.951 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010390.D
 Acq: 11 May 2019 19:28

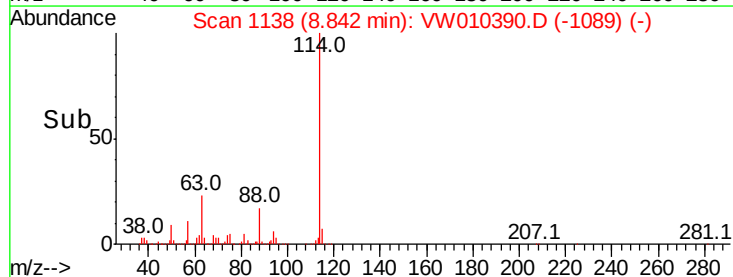
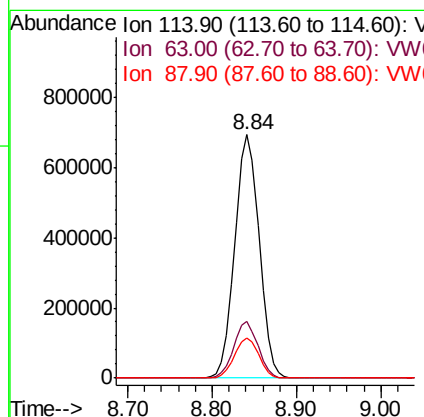
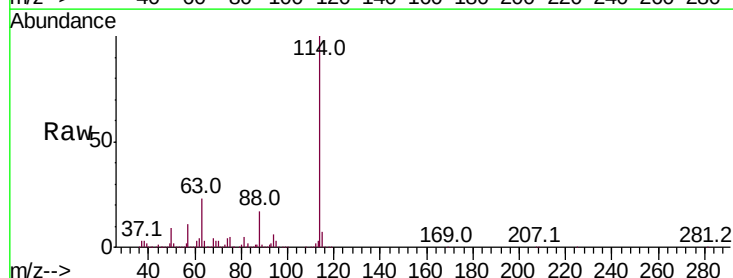
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS008-0206-01

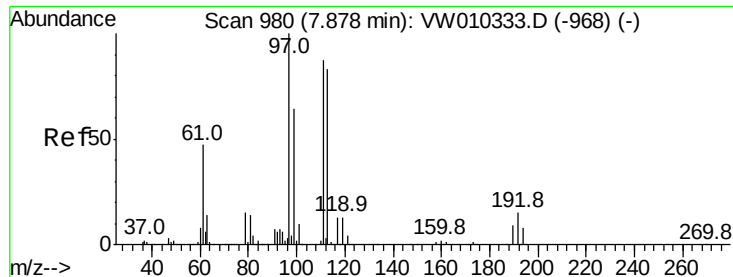
Tot Ion: 65 Resp: 745604
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010390.D
 Acq: 11 May 2019 19:28

Tgt Ion: 114 Resp: 1355601
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.2
 88 16.7 0.0 32.6

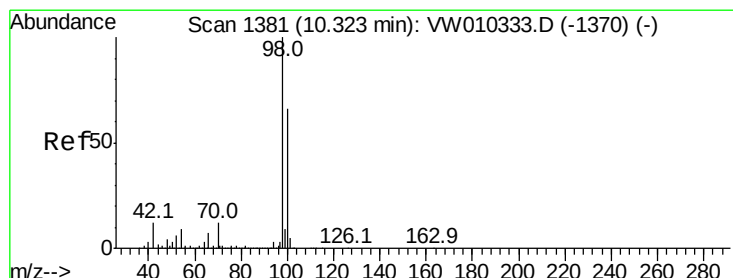
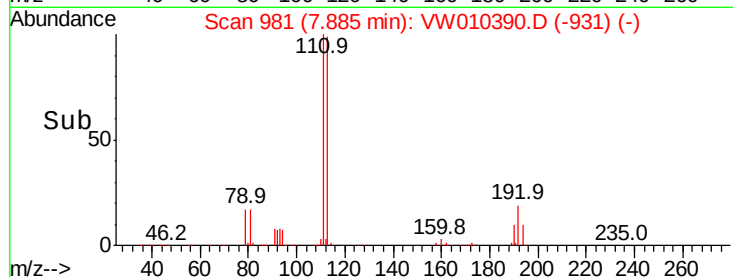
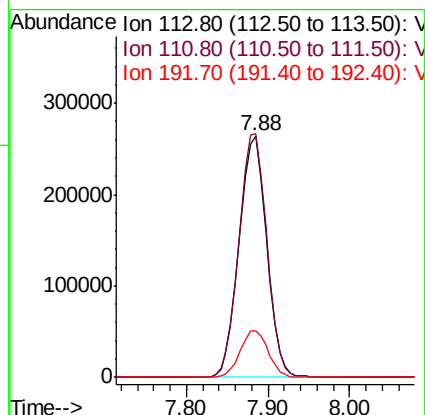
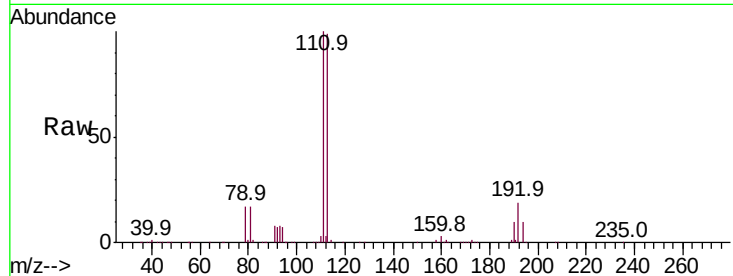




#35
 Dibromofluoromethane
 Concen: 77.986 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW010390.D
 Acq: 11 May 2019 19:28

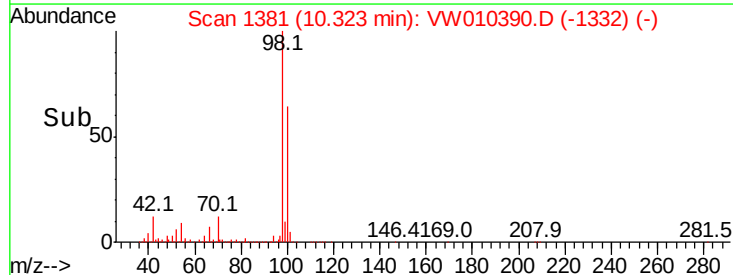
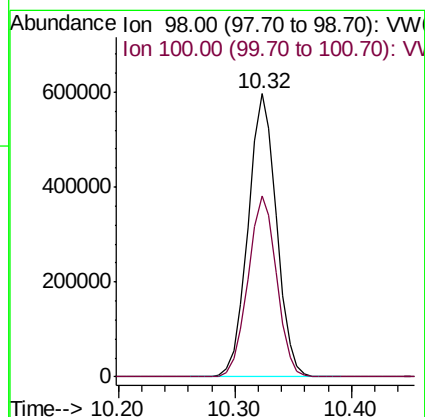
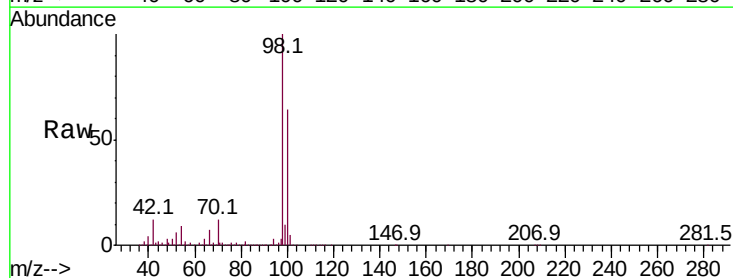
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS008-0206-01

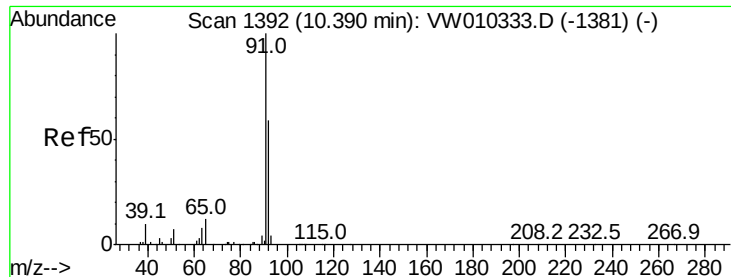
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	19.7	15.4	23.2



#50
 Toluene-d8
 Concen: 31.431 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010390.D
 Acq: 11 May 2019 19:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.3	78.5





#52

Toluene

Concen: 1.584 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010390.D

Acq: 11 May 2019 19:28

Instrument :

MSVOA_W

ClientSampleId :

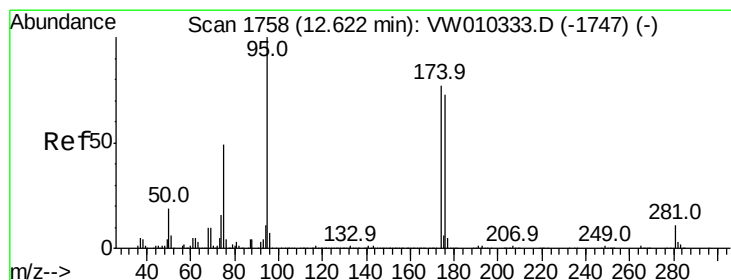
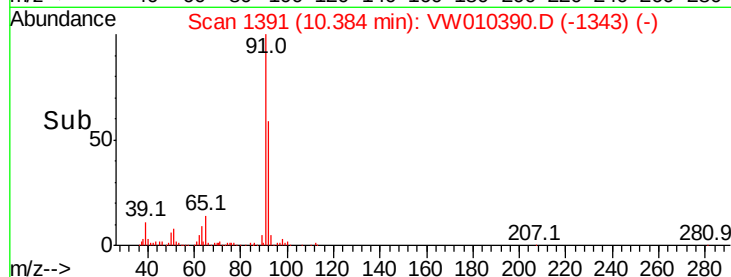
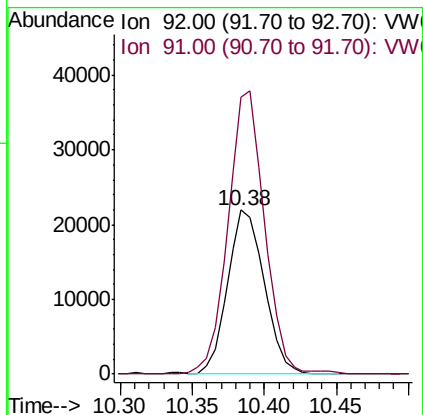
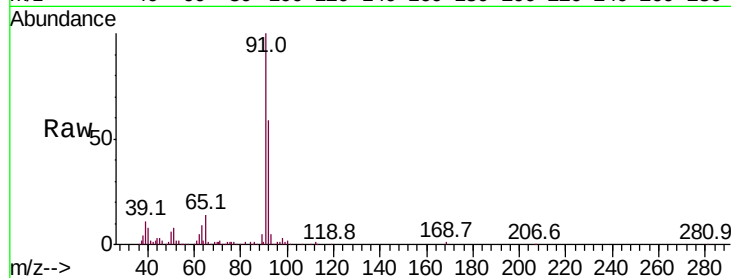
P026-SS008-0206-01

Tot Ion: 92 Resp: 38974

Ion Ratio Lower Upper

92 100

91 172.5 138.5 207.7



#62

4-Bromofluorobenzene

Concen: 17.935 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010390.D

Acq: 11 May 2019 19:28

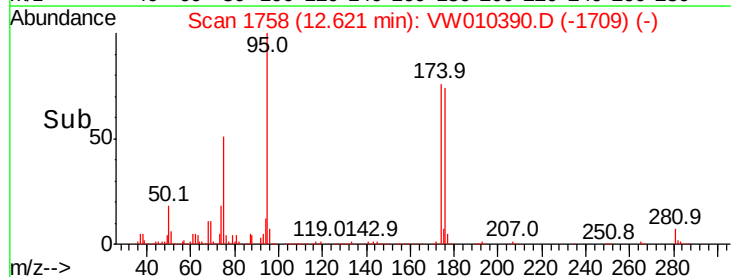
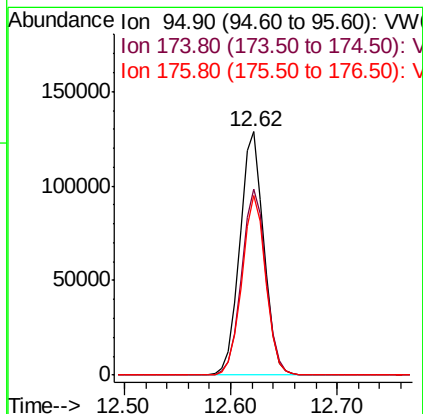
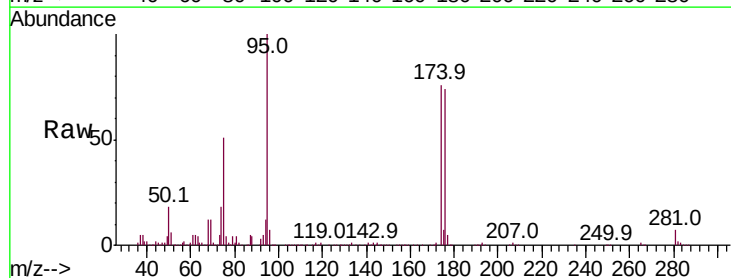
Tgt Ion: 95 Resp: 203930

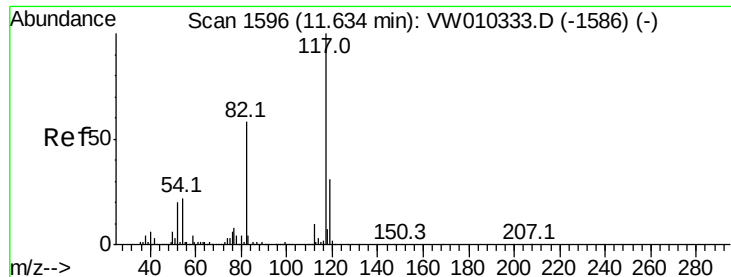
Ion Ratio Lower Upper

95 100

174 77.7 0.0 151.4

176 73.3 0.0 146.2

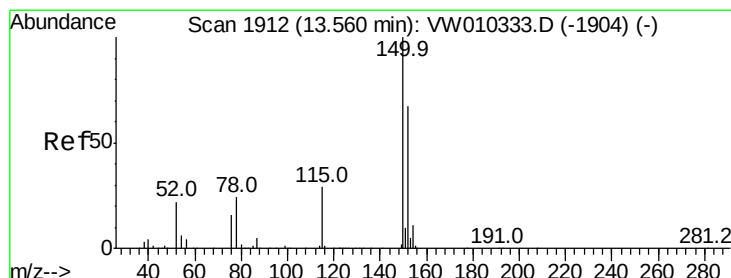
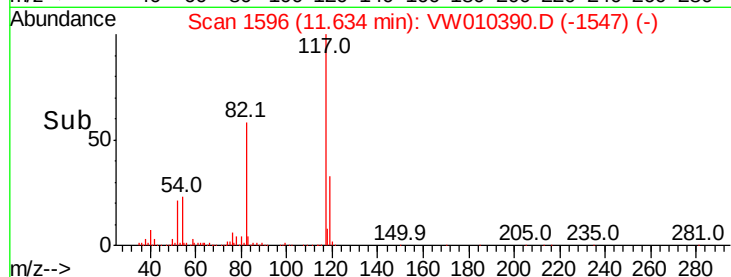
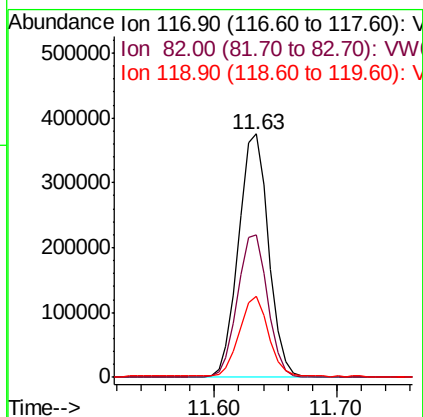
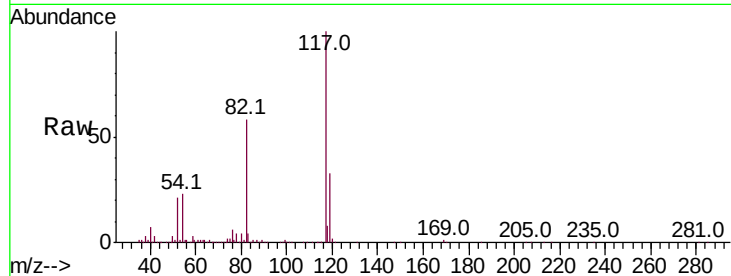




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010390.D
Acq: 11 May 2019 19:28

Instrument :
MSVOA_W
ClientSampleId :
P026-SS008-0206-01

Tot Ion:117 Resp: 639388
Ion Ratio Lower Upper
117 100
82 58.5 45.2 67.8
119 32.6 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: VW010390.D
Acq: 11 May 2019 19:28

Tgt Ion:152 Resp: 125607
Ion Ratio Lower Upper
152 100
115 60.0 30.4 91.2
150 161.6 0.0 347.0

