

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
 Data File : VW010391.D
 Acq On : 11 May 2019 19:57
 Operator : SY/VA
 Sample : K2719-04
 Misc : 4.08G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS008-0206-02

Quant Time: May 15 11:53:52 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

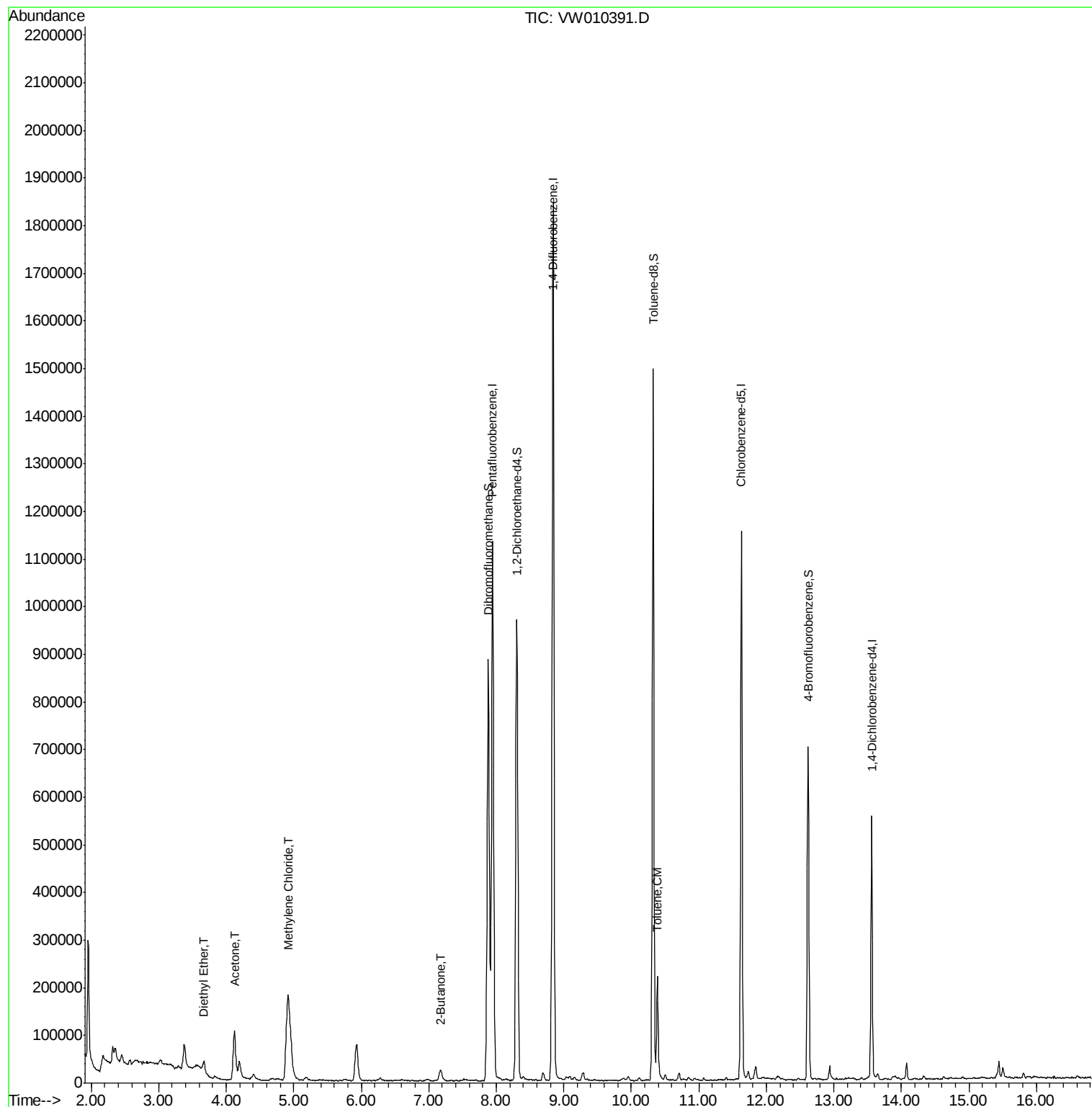
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	817649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1465548	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	636080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	759487	87.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	174.74%	
35) Dibromofluoromethane	7.88	113	639058	74.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	149.04%	
50) Toluene-d8	10.32	98	955553	27.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.72%	
62) 4-Bromofluorobenzene	12.62	95	219550	17.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	35.72%	
Target Compounds						
8) Diethyl Ether	3.68	74	14600	3.189	ug/l	90
16) Acetone	4.12	43	183504	80.977	ug/l	99
20) Methylene Chloride	4.91	84	166232	17.587	ug/l	91
25) 2-Butanone	7.18	43	28283	8.158	ug/l	98
52) Toluene	10.39	92	88238	3.317	ug/l	95

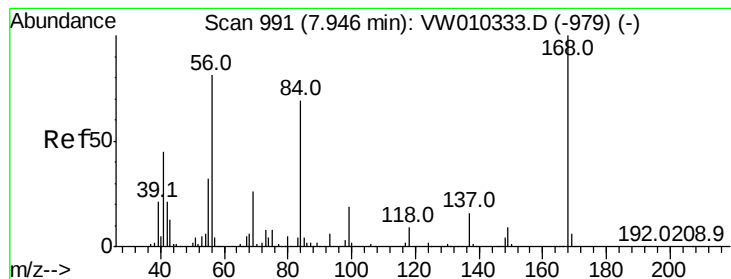
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010391.D

Acq: 11 May 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

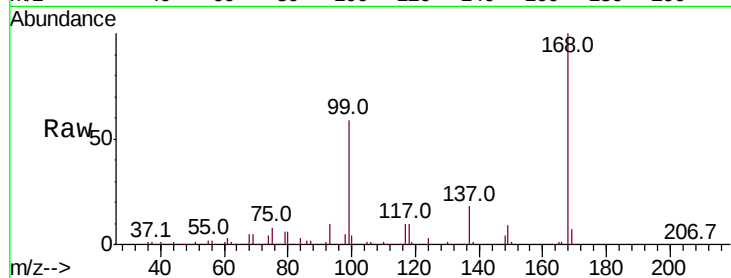
P026-SS008-0206-02

Tot Ion:168 Resp: 817649

Ion Ratio Lower Upper

168 100

99 58.9 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

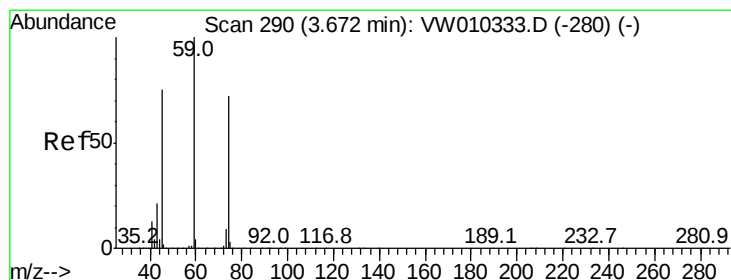
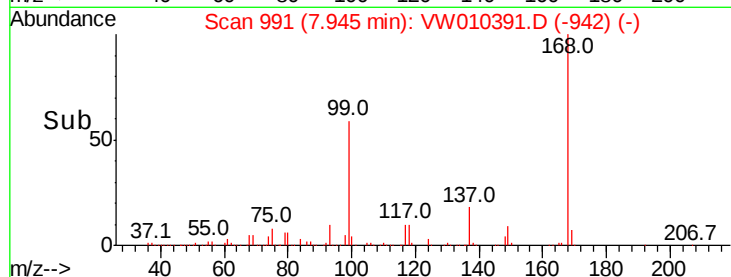
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#8

Diethyl Ether

Concen: 3.189 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VW010391.D

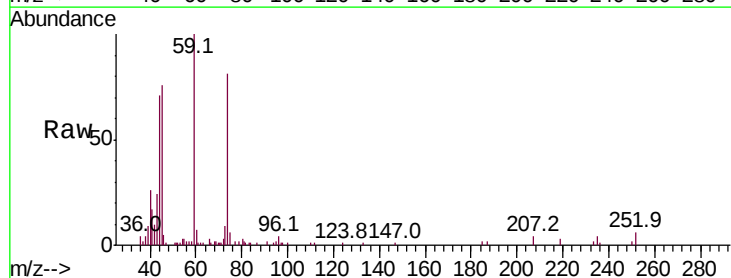
Acq: 11 May 2019 19:57

Tgt Ion: 74 Resp: 14600

Ion Ratio Lower Upper

74 100

45 101.1 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

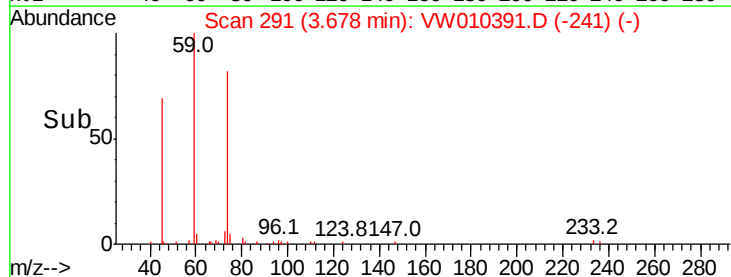
6000

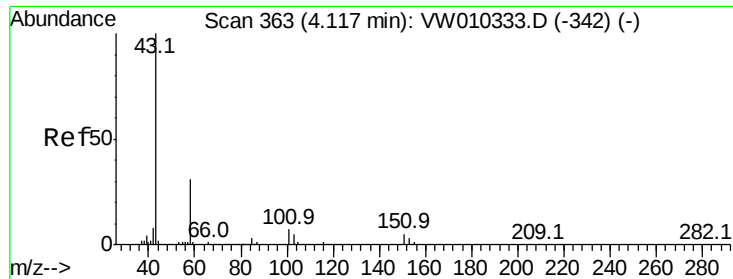
4000

2000

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 80.977 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010391.D

Acq: 11 May 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

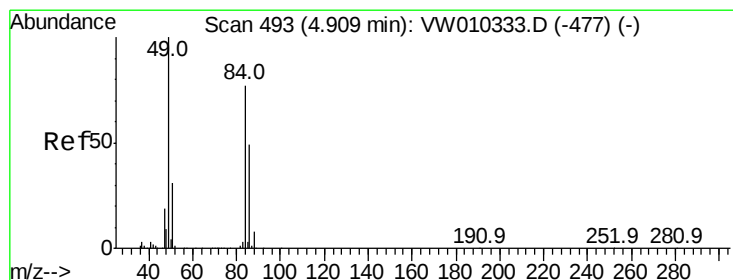
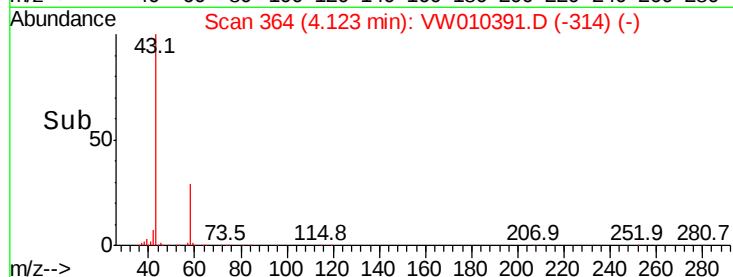
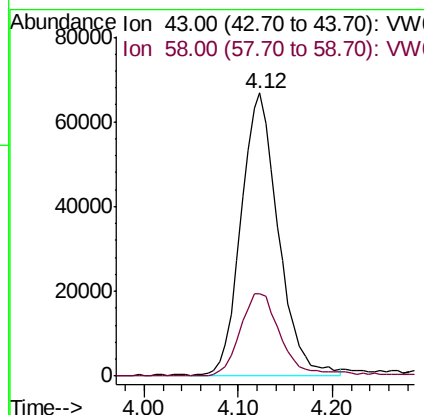
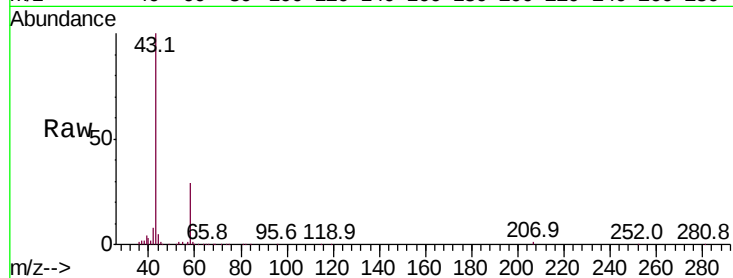
P026-SS008-0206-02

Tot Ion: 43 Resp: 183504

Ion Ratio Lower Upper

43 100

58 28.9 22.7 34.1



#20

Methylene Chloride

Concen: 17.587 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW010391.D

Acq: 11 May 2019 19:57

Tgt Ion: 84 Resp: 166232

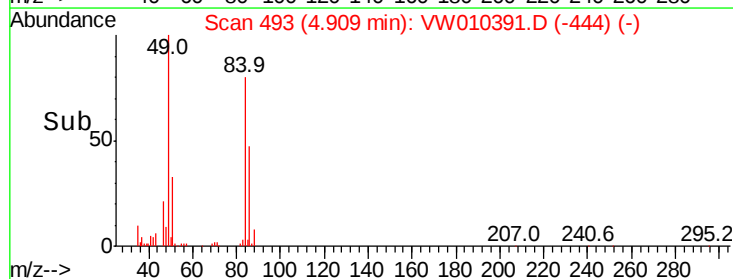
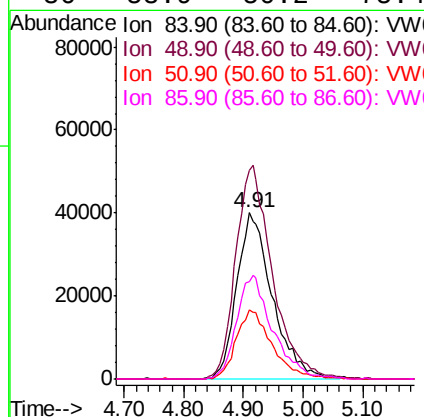
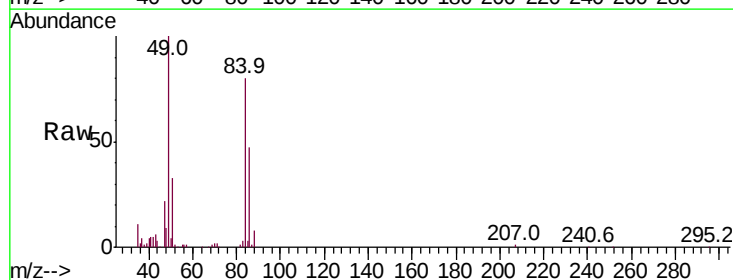
Ion Ratio Lower Upper

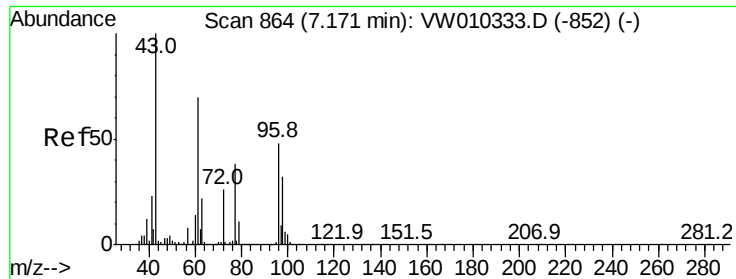
84 100

49 125.3 112.3 168.5

51 41.7 33.9 50.9

86 58.9 50.2 75.4





#25

2-Butanone

Concen: 8.158 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW010391.D

Acq: 11 May 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

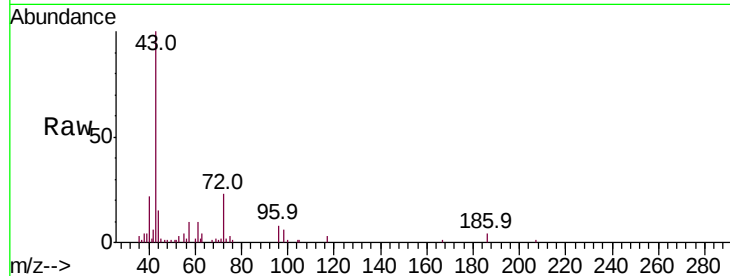
P026-SS008-0206-02

Tot Ion: 43 Resp: 28283

Ion Ratio Lower Upper

43 100

72 23.0 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

12000

10000

8000

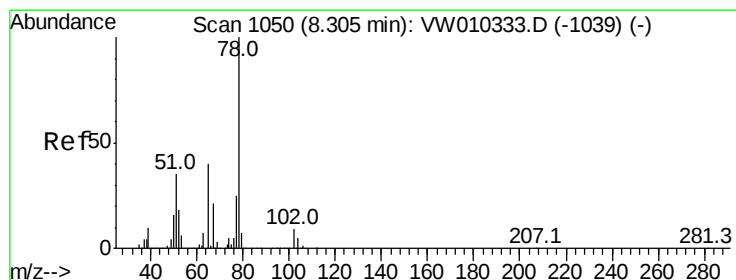
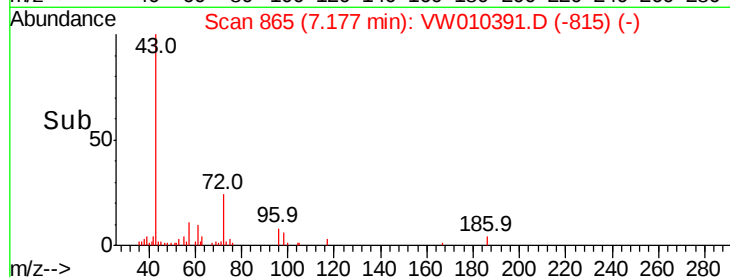
6000

4000

2000

0

Time--> 7.05 7.10 7.15 7.20 7.25



#33

1,2-Dichloroethane-d4

Concen: 87.371 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010391.D

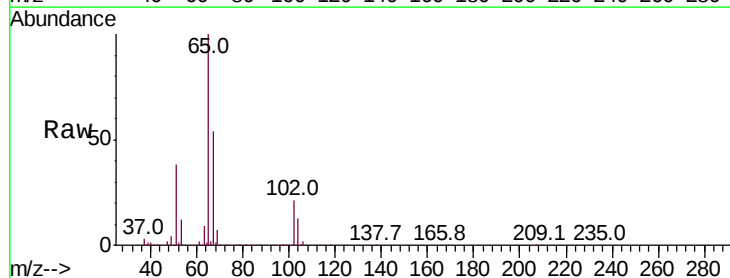
Acq: 11 May 2019 19:57

Tgt Ion: 65 Resp: 759487

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

400000

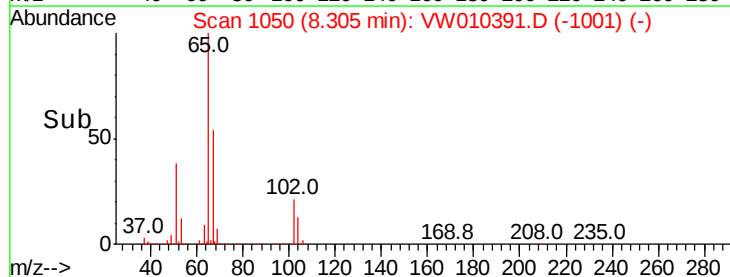
300000

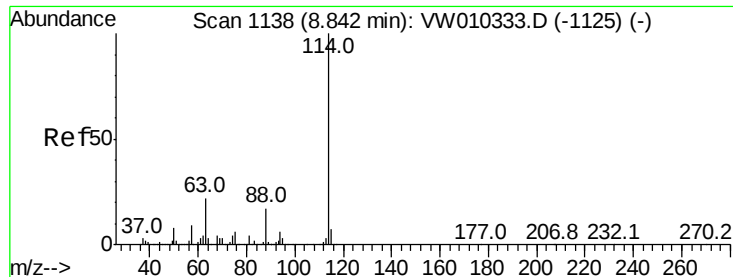
200000

100000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010391.D

Acq: 11 May 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

P026-SS008-0206-02

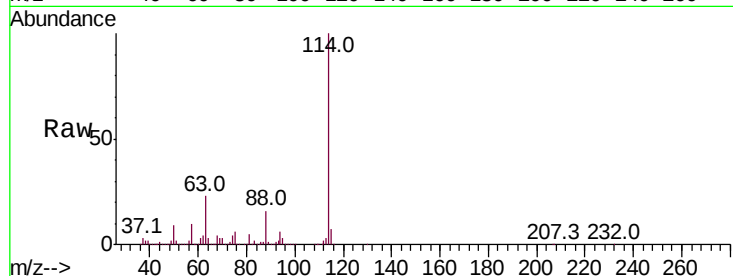
Tot Ion:114 Resp: 1465548

Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.2

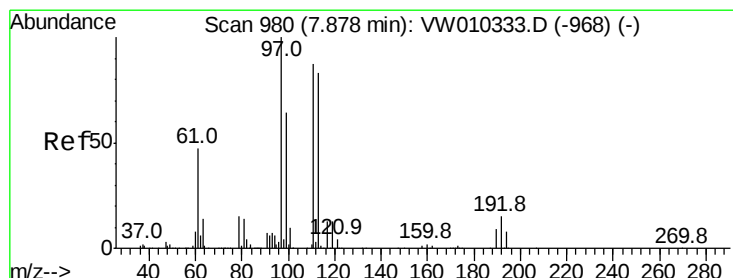
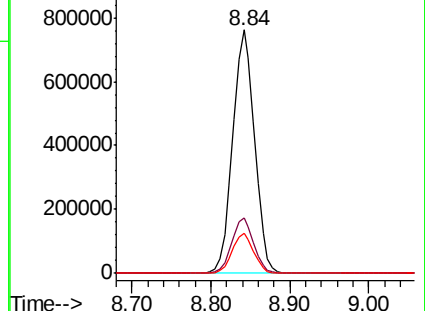
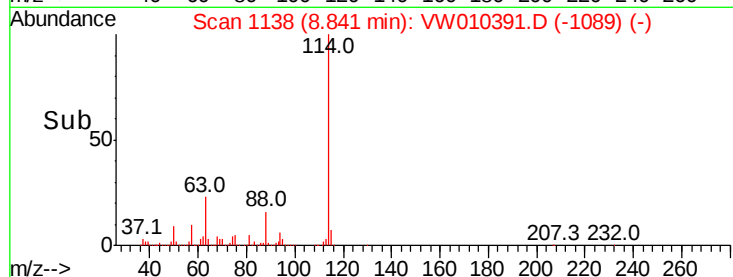
88 16.2 0.0 32.6



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: 74.515 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW010391.D

Acq: 11 May 2019 19:57

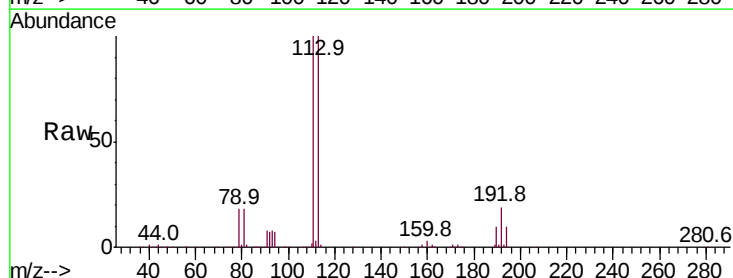
Tgt Ion:113 Resp: 639058

Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

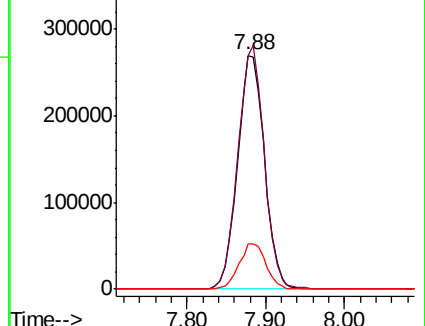
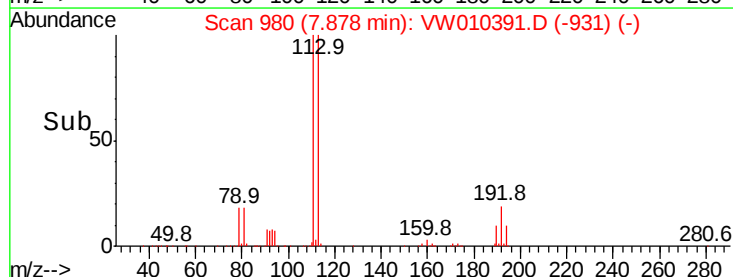
192 19.4 15.4 23.2

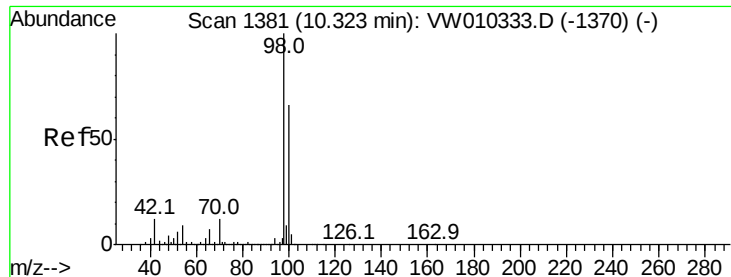


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 27.362 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010391.D

Acq: 11 May 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

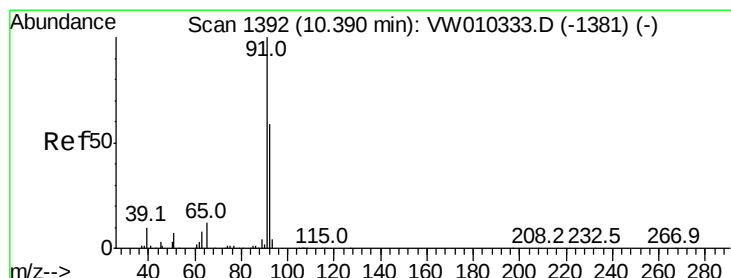
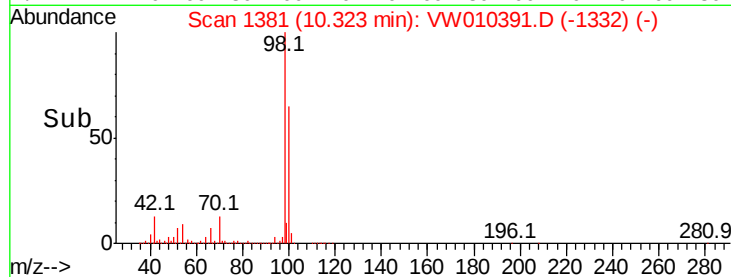
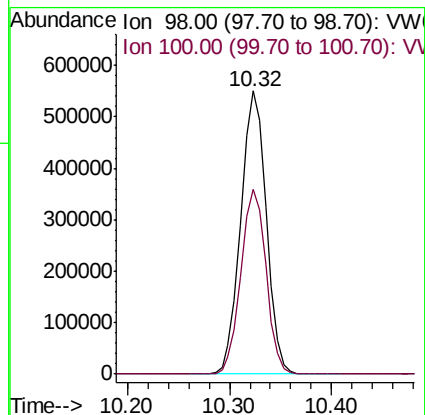
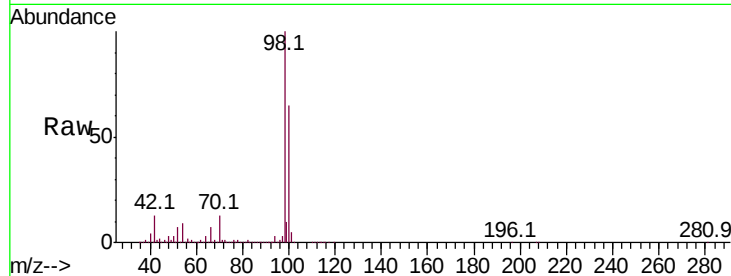
P026-SS008-0206-02

Tot Ion: 98 Resp: 955553

Ion Ratio Lower Upper

98 100

100 64.4 52.3 78.5



#52

Toluene

Concen: 3.317 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010391.D

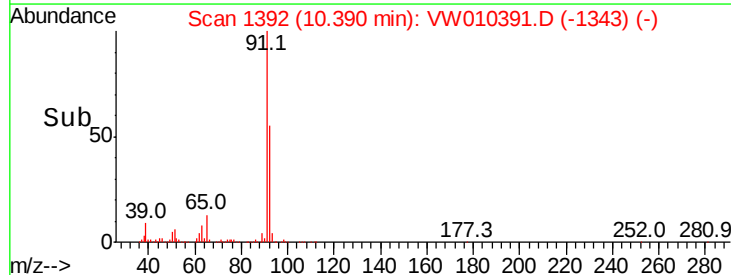
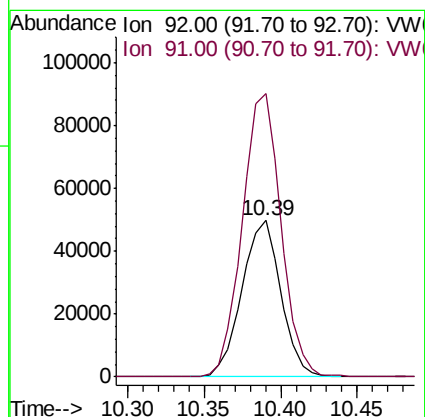
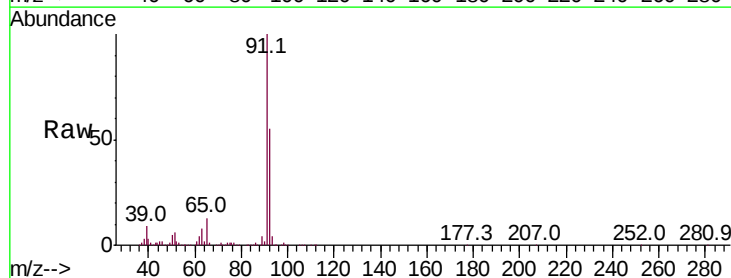
Acq: 11 May 2019 19:57

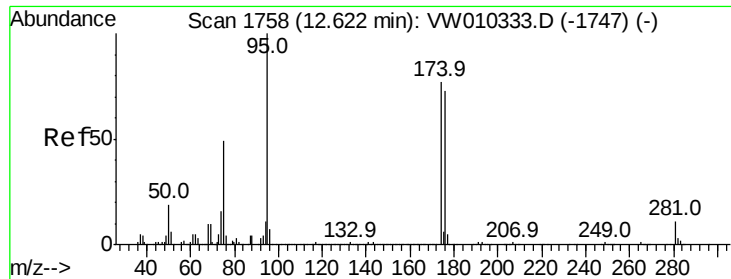
Tgt Ion: 92 Resp: 88238

Ion Ratio Lower Upper

92 100

91 180.5 138.5 207.7

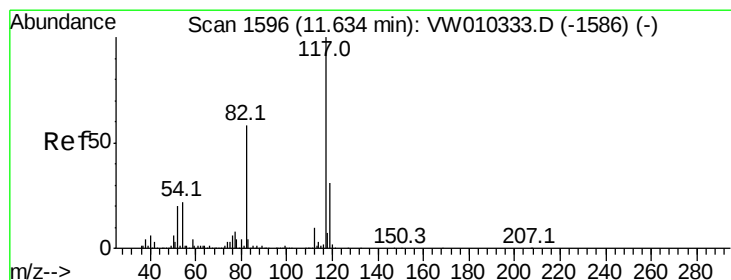
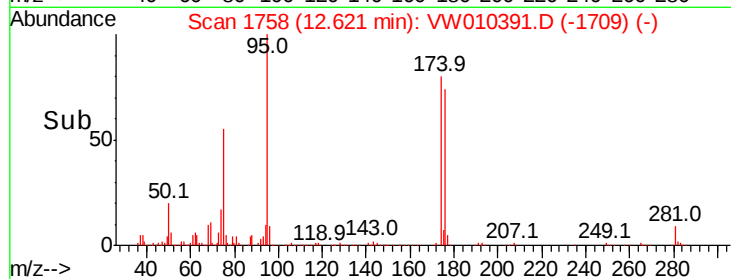
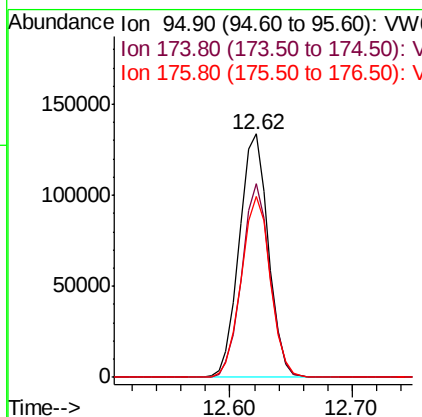
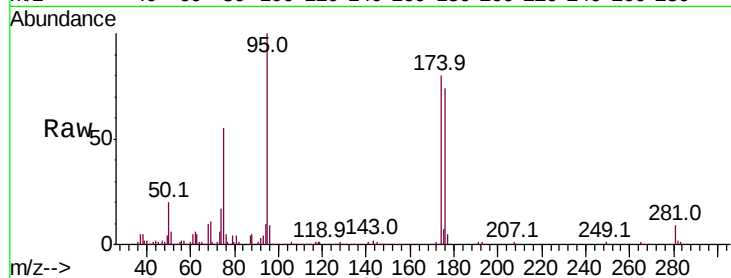




#62
4-Bromofluorobenzene
Concen: 17.860 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010391.D
Acq: 11 May 2019 19:57

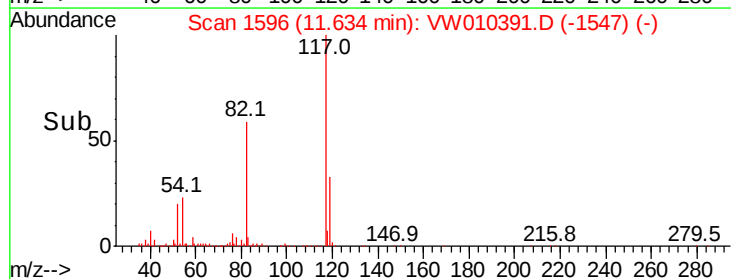
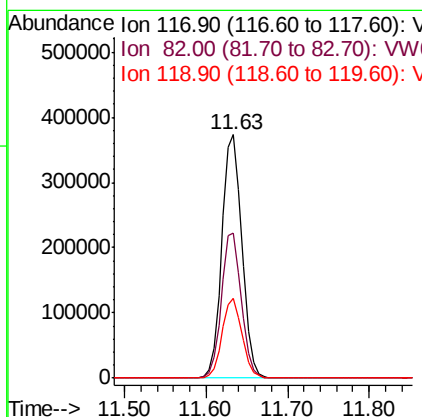
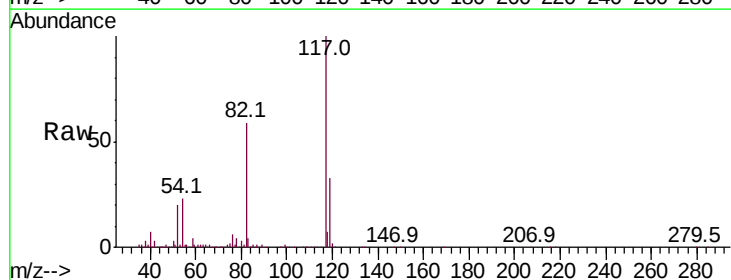
Instrument :
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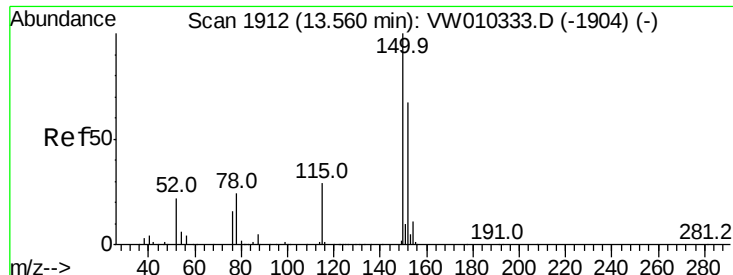
Tot Ion	95	Resp	219550
Ion Ratio	100		
Lower			
Upper			
174	77.6	0.0	151.4
176	74.7	0.0	146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010391.D
Acq: 11 May 2019 19:57

Tgt Ion	117	Resp	636080
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	59.3	45.2	67.8
119	32.8	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: VW010391.D

Acq: 11 May 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

P026-SS008-0206-02

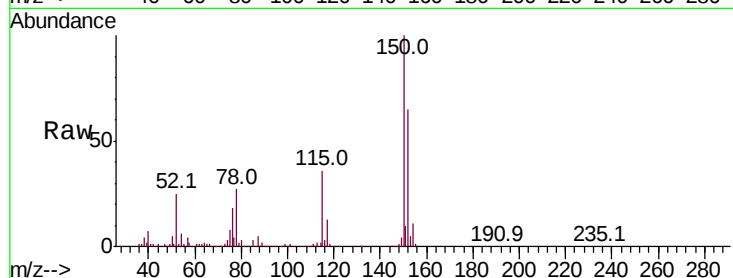
Tot Ion:152 Resp: 136360

Ion Ratio Lower Upper

152 100

115 59.8 30.4 91.2

150 159.1 0.0 347.0



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

