

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012624.D
 Acq On : 05 Sep 2019 07:25
 Operator : SY/VA
 Sample : K4547-17
 Misc : 5.46G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T12-1-(2.5)

Quant Time: Sep 05 08:03:27 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

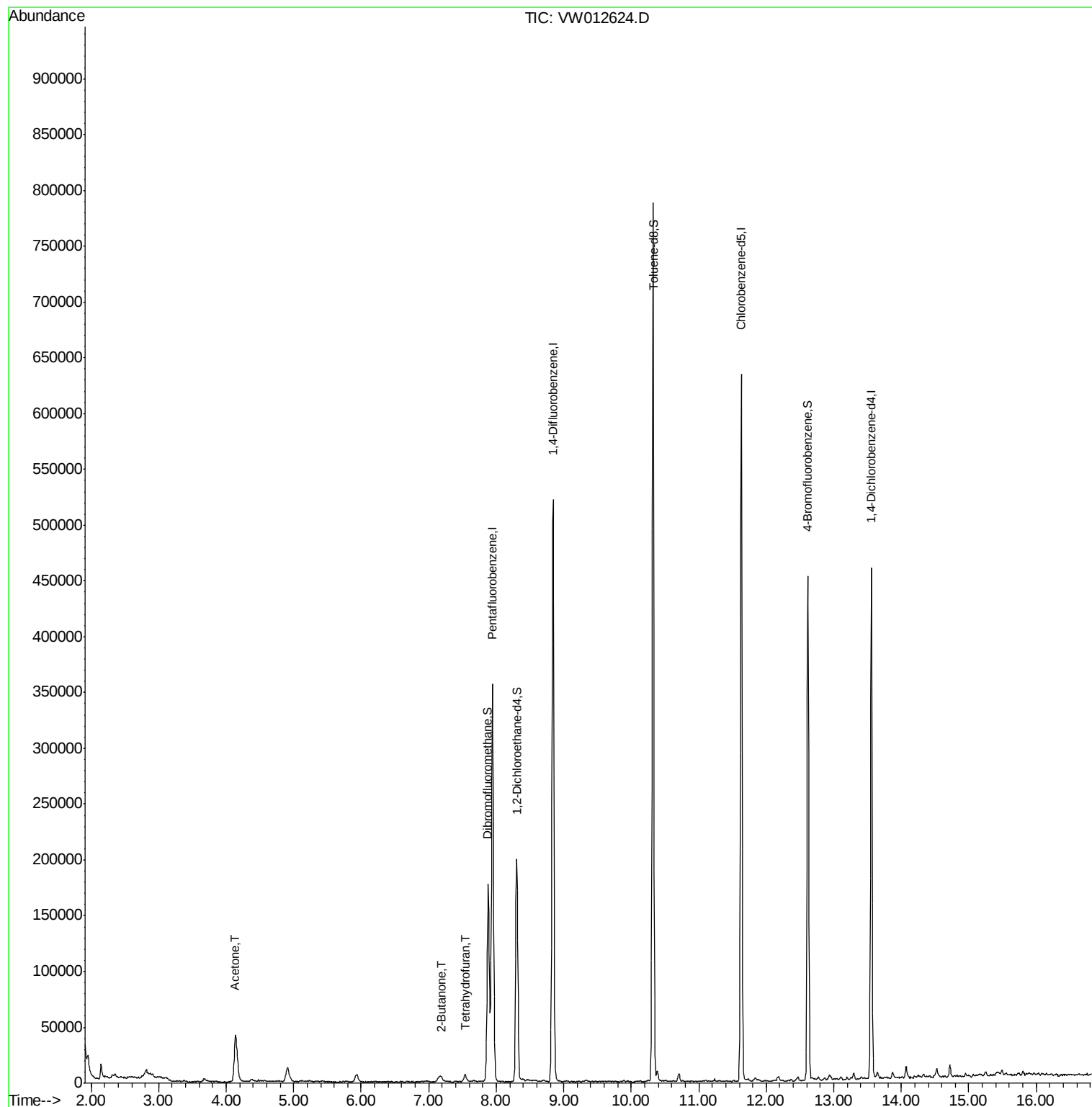
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	254484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	407440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	164101	54.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.48%	
35) Dibromofluoromethane	7.88	113	127527	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
50) Toluene-d8	10.32	98	492960	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.62	95	142612	41.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.06%	
Target Compounds						
16) Acetone	4.14	43	91786	118.694	ug/l	95
25) 2-Butanone	7.19	43	7495	7.132	ug/l	94
29) Tetrahydrofuran	7.54	42	5862	9.298	ug/l	95

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

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
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: VW012624.D

Acq: 05 Sep 2019 07:25

Instrument :

MSVOA_W

ClientSampled :

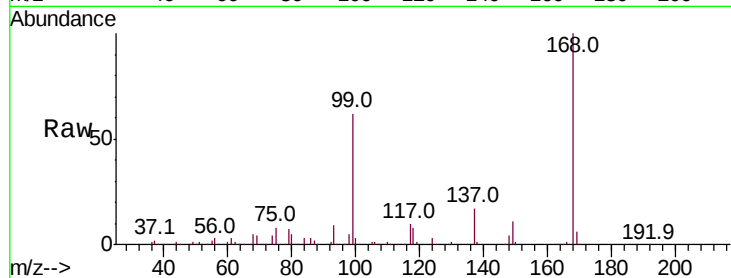
T12-1-(2.5)

Tot Ion:168 Resp: 254484

Ion Ratio Lower Upper

168 100

99 62.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

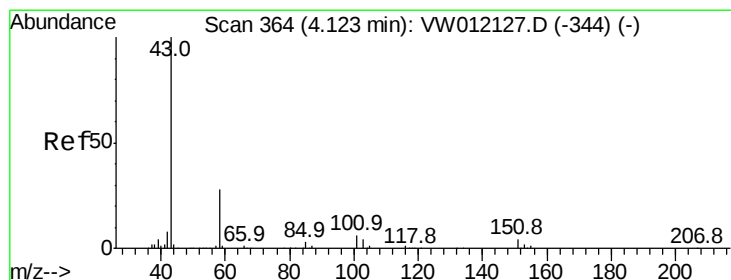
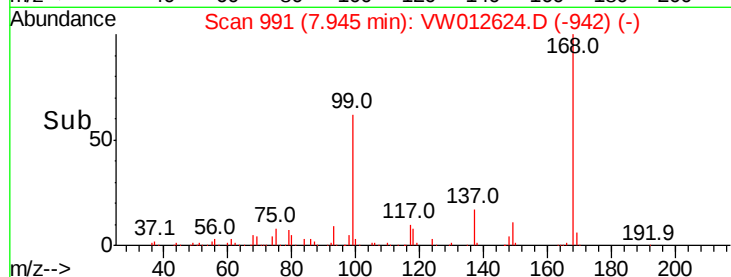
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 118.694 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012624.D

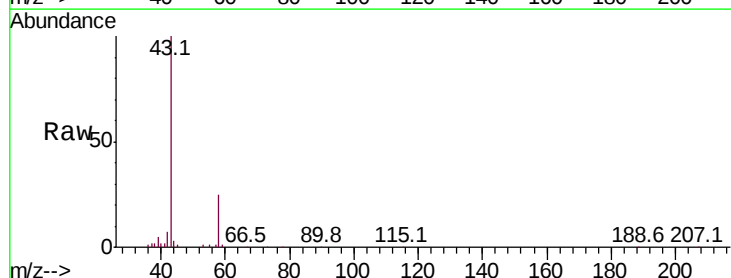
Acq: 05 Sep 2019 07:25

Tgt Ion: 43 Resp: 91786

Ion Ratio Lower Upper

43 100

58 25.2 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

30000

25000

20000

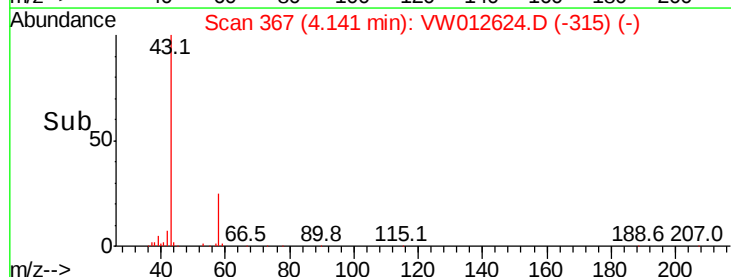
15000

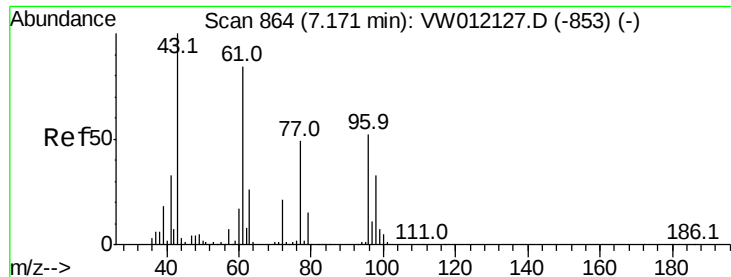
10000

5000

0

Time--> 4.00 4.10 4.20 4.30





#25

2-Butanone

Concen: 7.132 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW012624.D

Acq: 05 Sep 2019 07:25

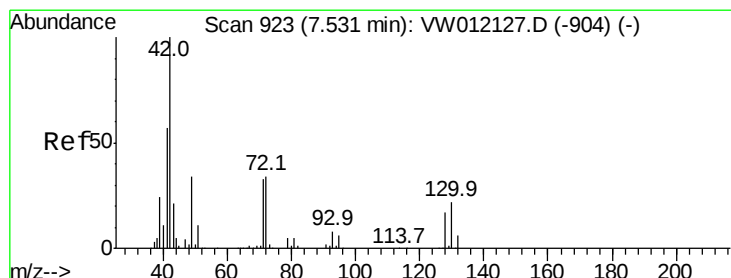
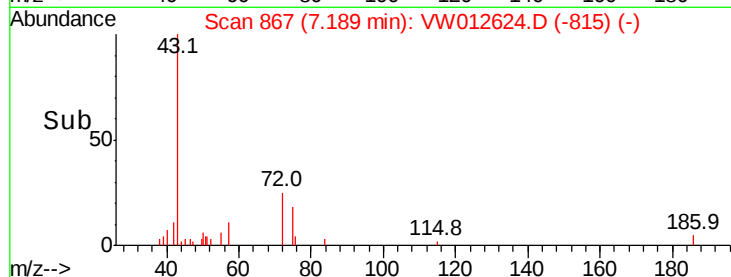
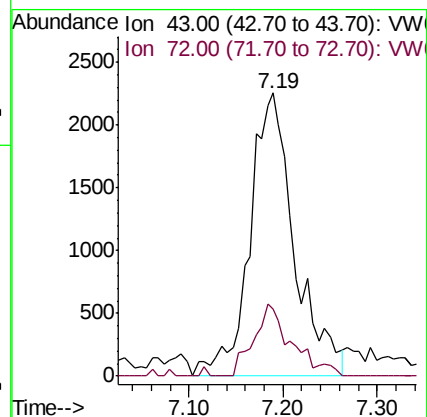
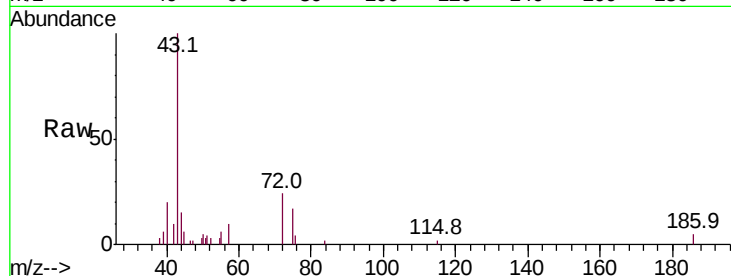
Instrument :
MSVOA_W
ClientSampled :
T12-1-(2.5)

Tot Ion: 43 Resp: 7495

Ion Ratio Lower Upper

43 100

72 23.6 16.6 24.8



#29

Tetrahydrofuran

Concen: 9.298 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012624.D

Acq: 05 Sep 2019 07:25

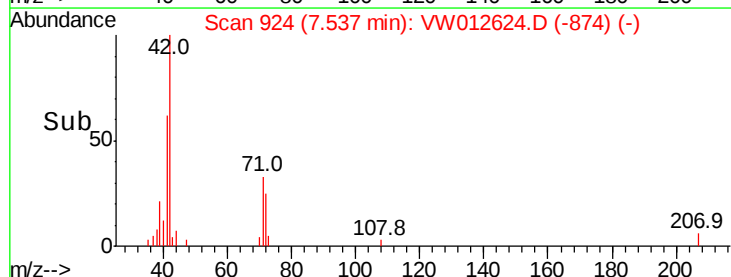
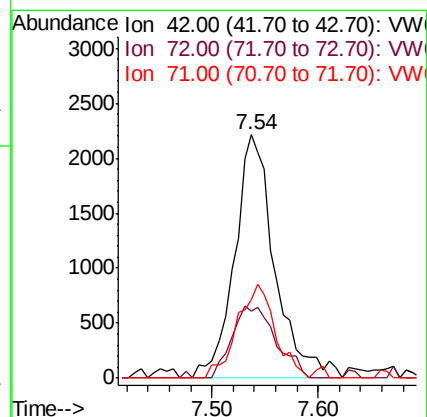
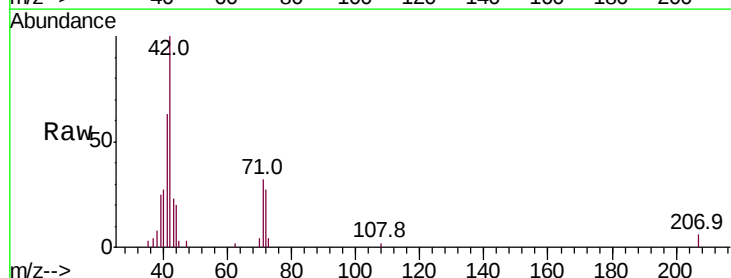
Tgt Ion: 42 Resp: 5862

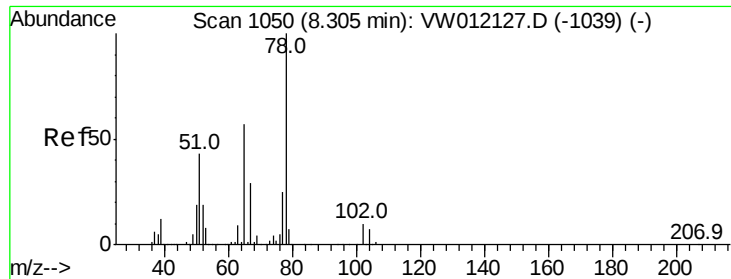
Ion Ratio Lower Upper

42 100

72 32.4 27.3 40.9

71 36.2 25.5 38.3





#33

1,2-Dichloroethane-d4

Concen: 54.245 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

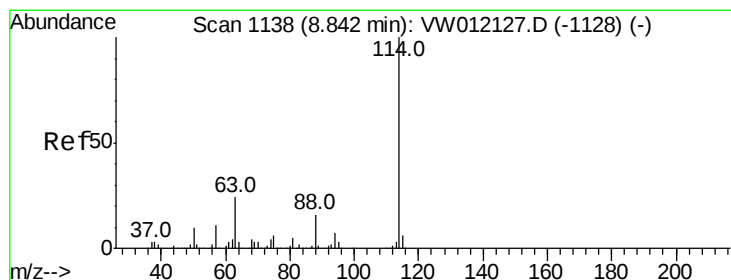
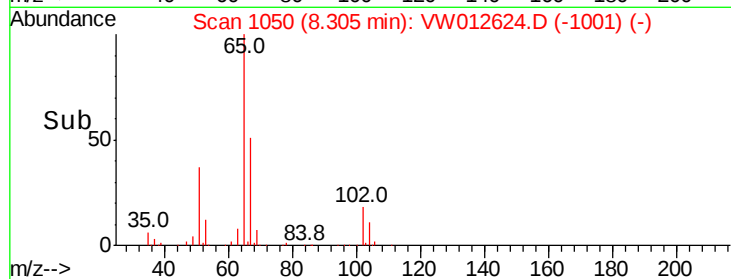
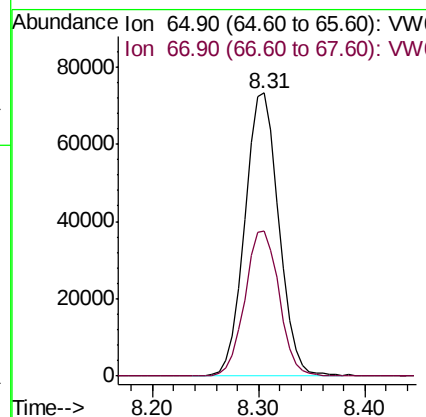
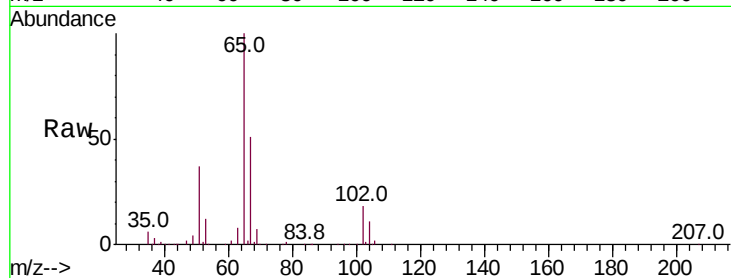
Lab File: VW012624.D

Acq: 05 Sep 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
T12-1-(2.5)

Tot Ion: 65 Resp: 164101

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

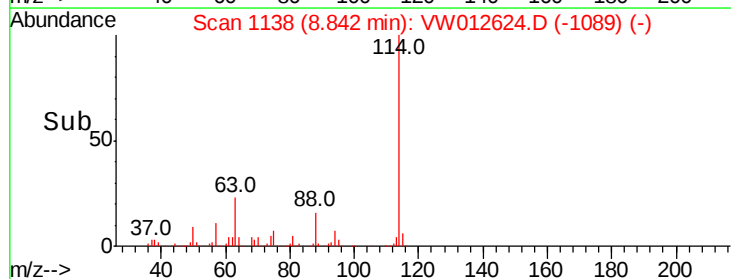
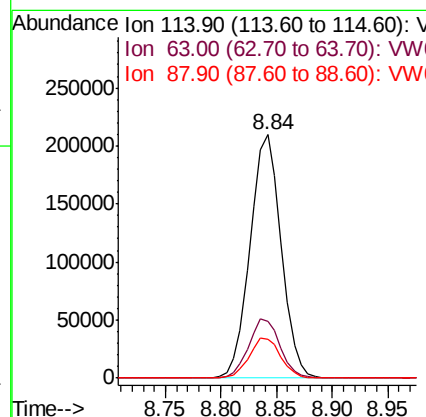
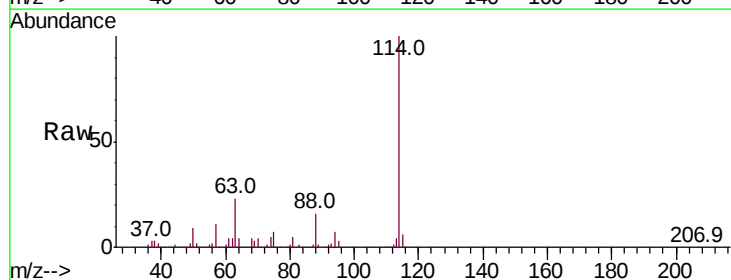
Delta R.T. -0.00 min

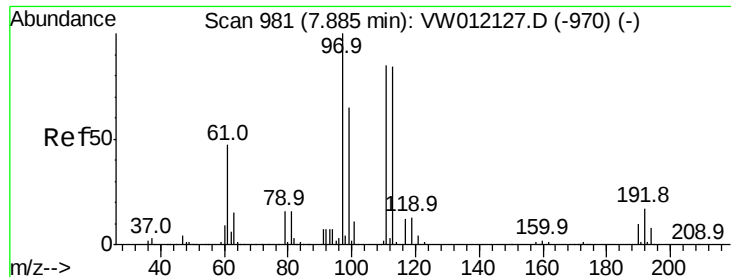
Lab File: VW012624.D

Acq: 05 Sep 2019 07:25

Tgt Ion: 114 Resp: 407440

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	48.6
88	16.2	0.0	32.2





#35

Dibromofluoromethane

Concen: 52.437 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012624.D

Acq: 05 Sep 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

T12-1-(2.5)

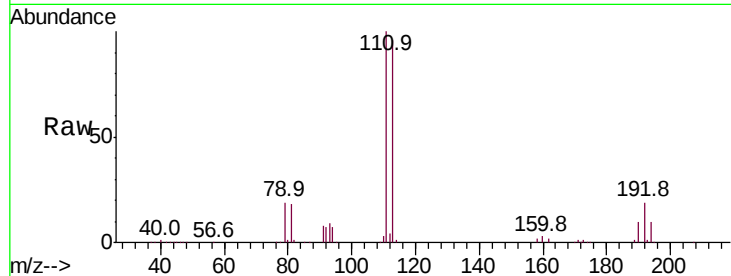
Tot Ion:113 Resp: 127527

Ion Ratio Lower Upper

113 100

111 102.0 82.7 124.1

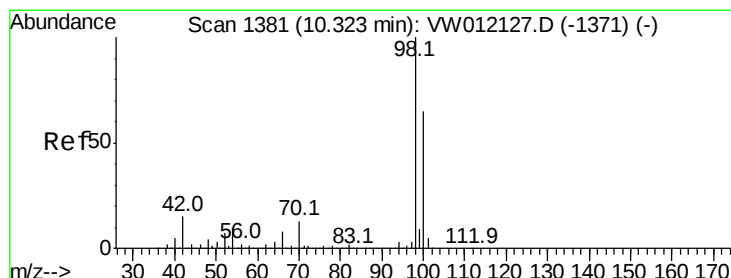
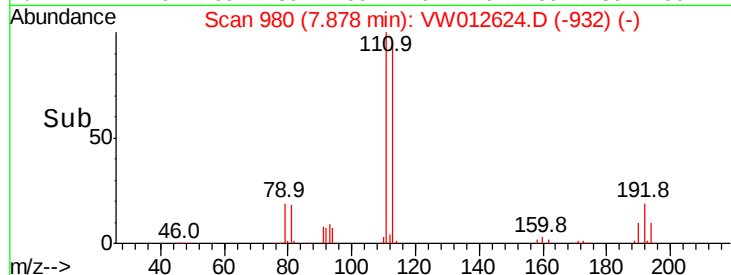
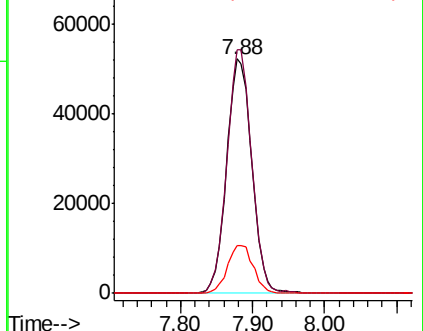
192 20.8 16.2 24.2



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: 49.990 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012624.D

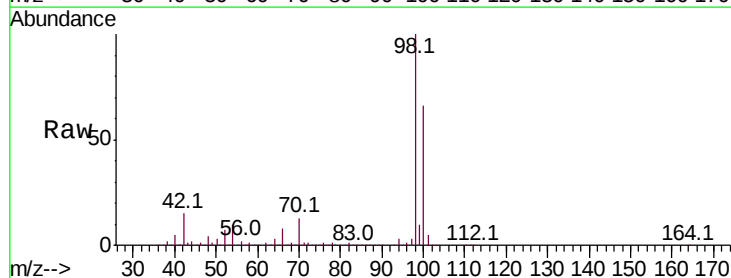
Acq: 05 Sep 2019 07:25

Tgt Ion: 98 Resp: 492960

Ion Ratio Lower Upper

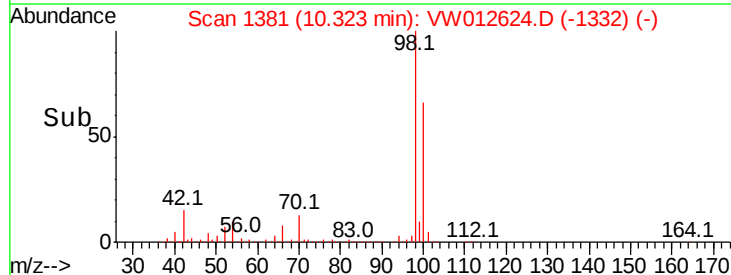
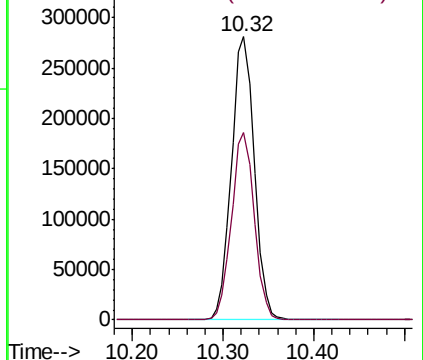
98 100

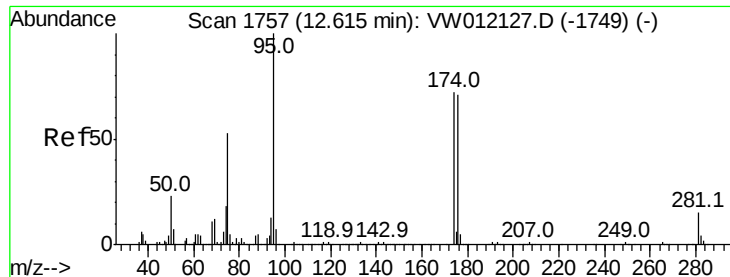
100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

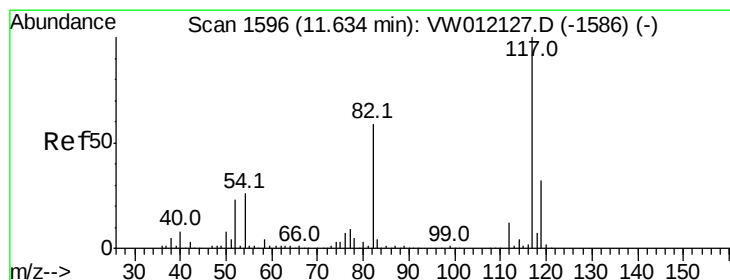
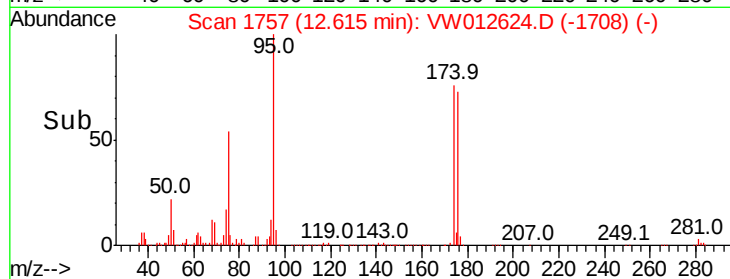
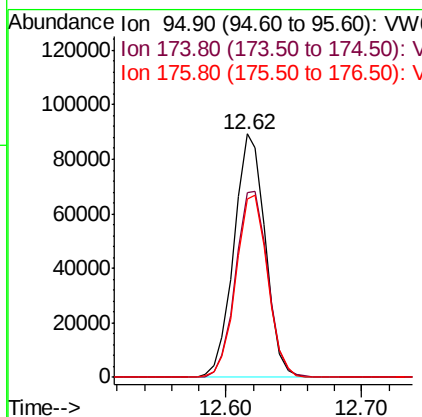
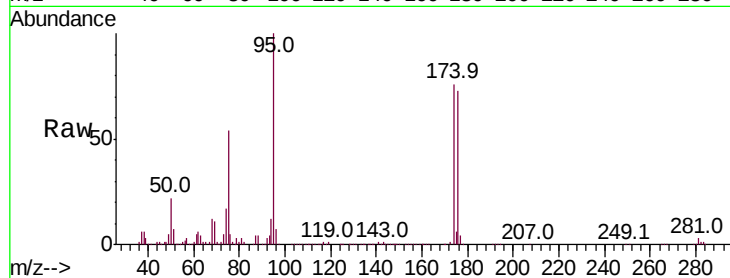




#62
4-Bromofluorobenzene
Concen: 41.027 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012624.D
Acq: 05 Sep 2019 07:25

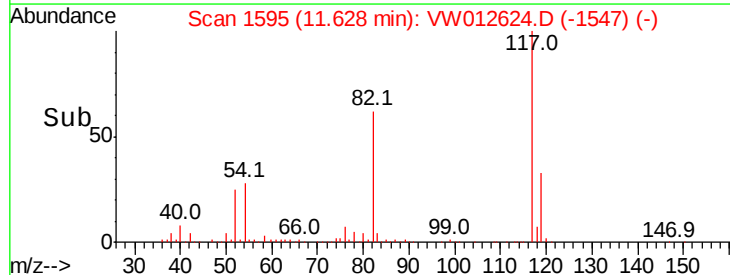
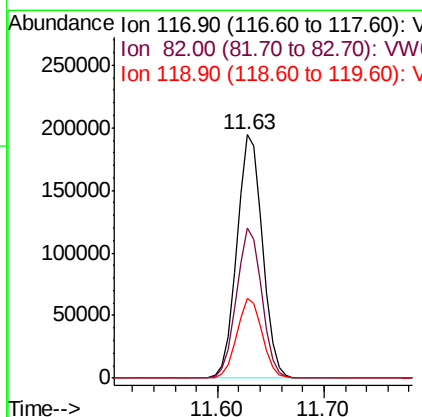
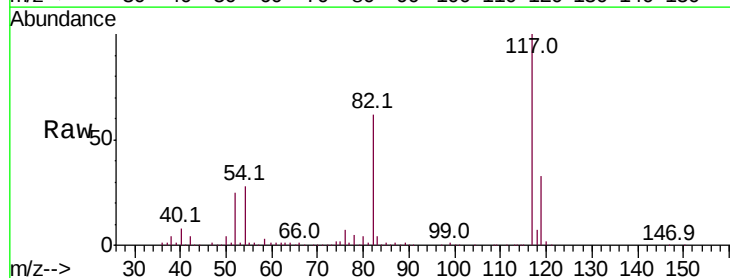
Instrument :
MSVOA_W
ClientSampleId :
T12-1-(2.5)

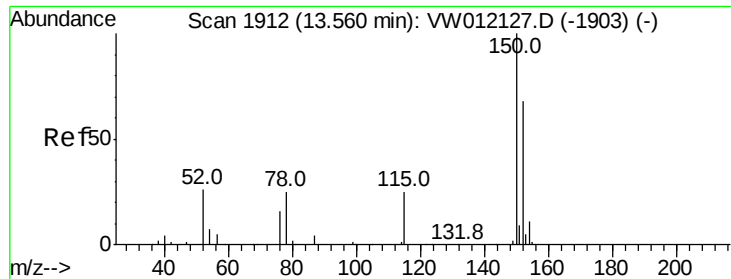
Tot Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	150.8
176	76.2	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012624.D
Acq: 05 Sep 2019 07:25

Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.6	47.4	71.2
119	32.5	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: VW012624.D

Acq: 05 Sep 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

T12-1-(2.5)

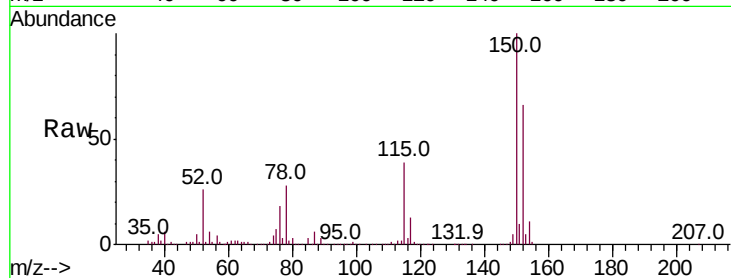
Tot Ion:152 Resp: 116293

Ion Ratio Lower Upper

152 100

115 59.4 30.1 90.3

150 154.1 0.0 345.8



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

