

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034312.D
 Acq On : 06 Sep 2019 02:24
 Operator : JC/SP
 Sample : K4579-30
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-12-B1-(3.5)

Quant Time: Sep 06 08:57:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

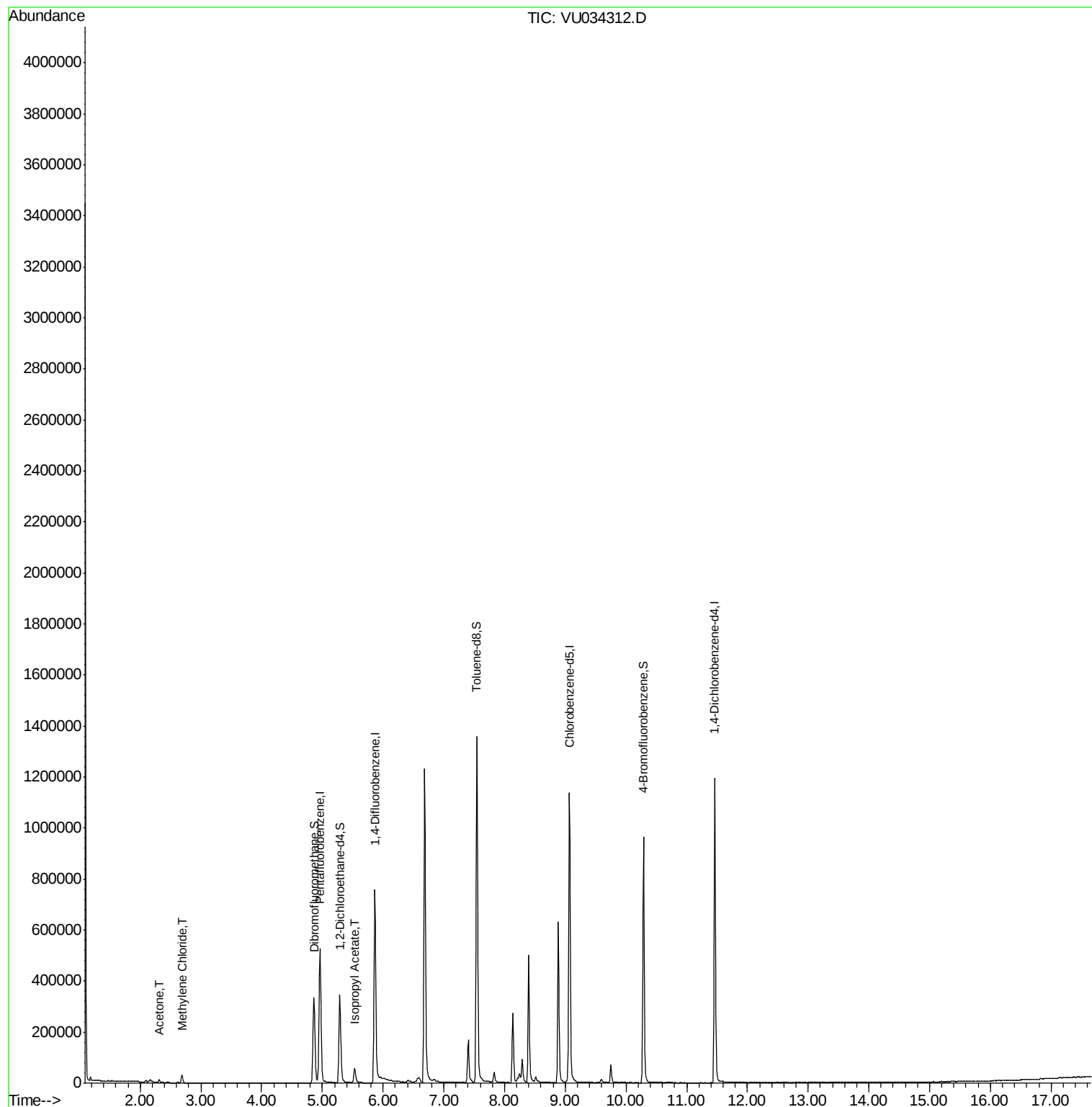
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	432250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	672808	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	677095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	337116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	277336	42.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.82%	
35) Dibromofluoromethane	4.86	113	238057	38.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.06%	
50) Toluene-d8	7.55	98	950705	40.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.84%	
62) 4-Bromofluorobenzene	10.29	95	331249	36.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.96%	
Target Compounds						
16) Acetone	2.31	43	11527	3.406	ug/l	91
20) Methylene Chloride	2.69	84	13422	2.038	ug/l	88
43) Isopropyl Acetate	5.53	43	68774	5.110	ug/l	99

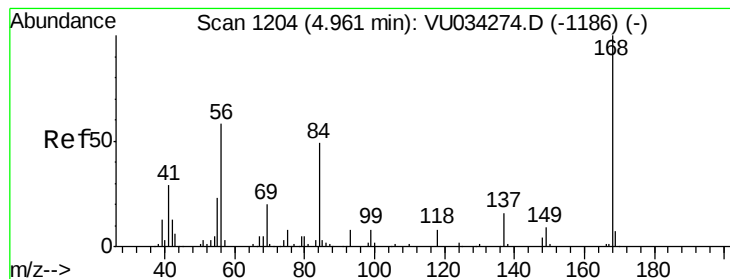
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034312.D

Acq: 06 Sep 2019 02:24

Instrument :

MSVOA_U

ClientSampleId :

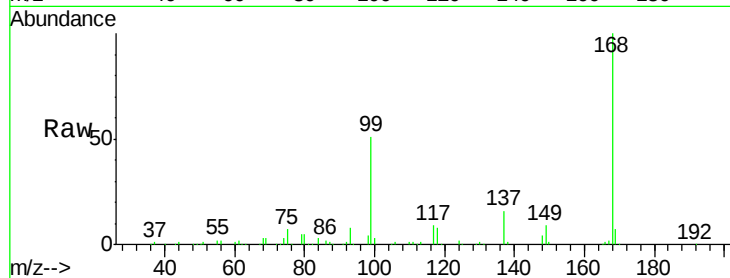
PAR-12-B1-(3.5)

Tot Ion:168 Resp: 432250

Ion Ratio Lower Upper

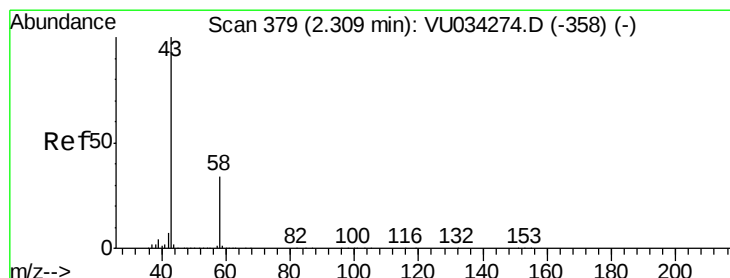
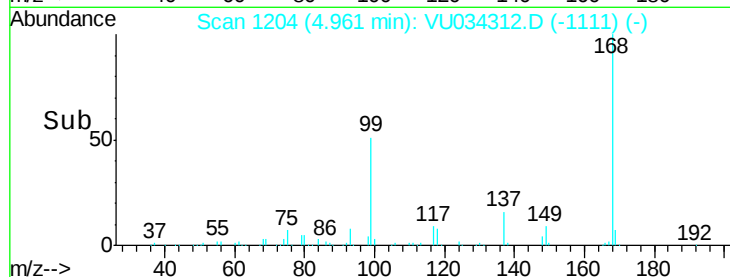
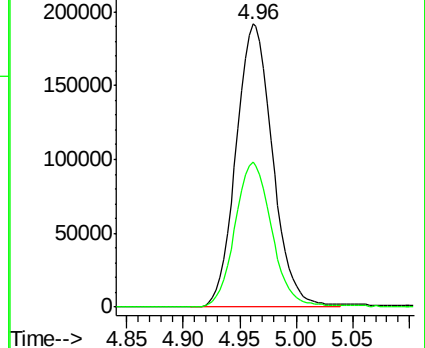
168 100

99 51.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034312.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034312.D (-1111) (-)



#16

Acetone

Concen: 3.406 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034312.D

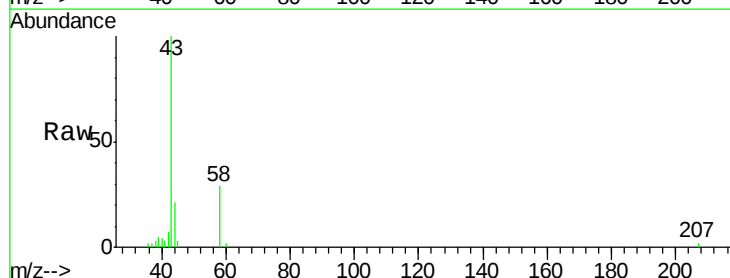
Acq: 06 Sep 2019 02:24

Tgt Ion: 43 Resp: 11527

Ion Ratio Lower Upper

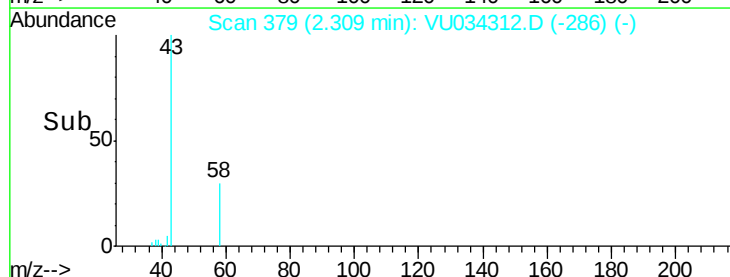
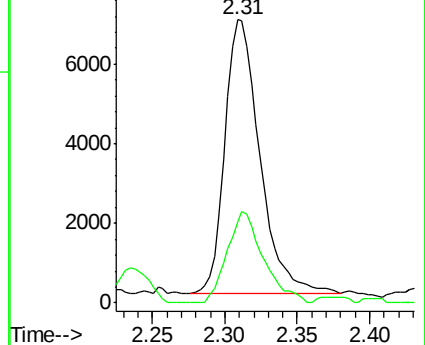
43 100

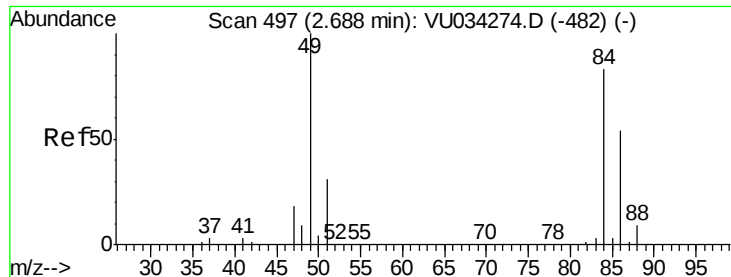
58 29.5 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034312.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034312.D (-286) (-)



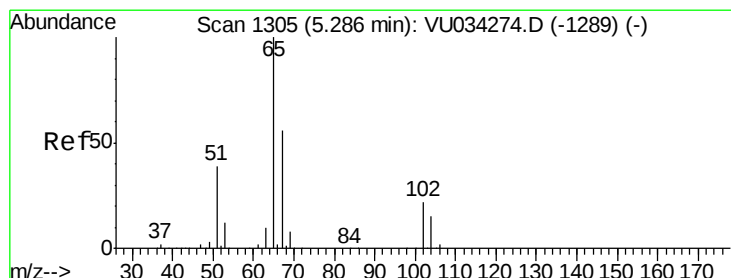
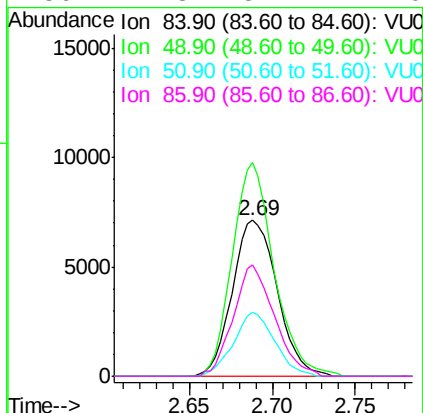
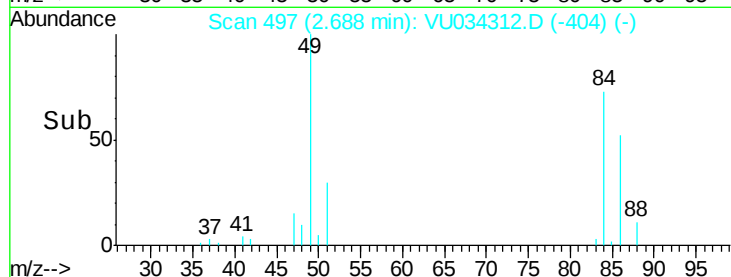
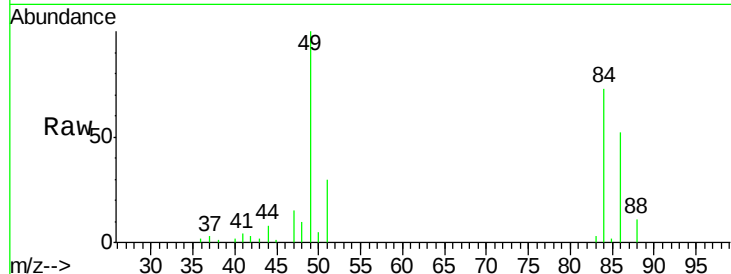


#20
Methvlene Chloride
Concen: 2.038 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034312.D
Acq: 06 Sep 2019 02:24

Instrument :
MSVOA_U
ClientSampleId :
PAR-12-B1-(3.5)

Tot Ion: 84 Resp: 13422

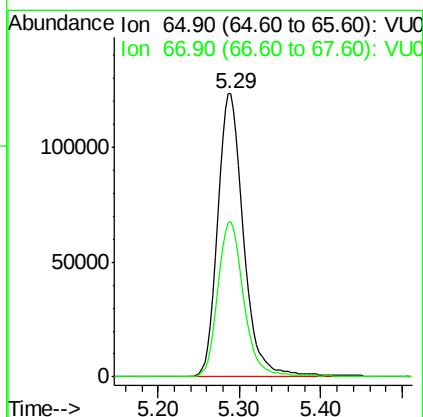
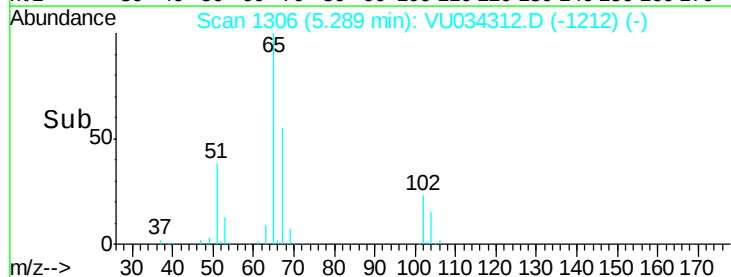
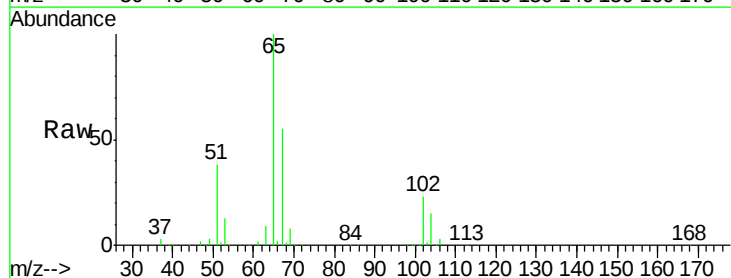
Ion	Ratio	Lower	Upper
84	100		
49	136.8	96.0	144.0
51	40.9	30.0	45.0
86	71.3	51.4	77.0

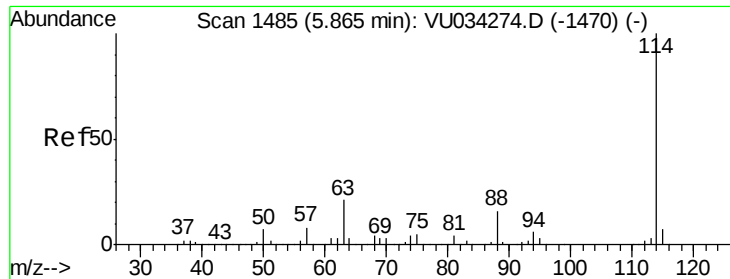


#33
1,2-Dichloroethane-d4
Concen: 42.406 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034312.D
Acq: 06 Sep 2019 02:24

Tgt Ion: 65 Resp: 277336

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034312.D

Acq: 06 Sep 2019 02:24

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-B1-(3.5)

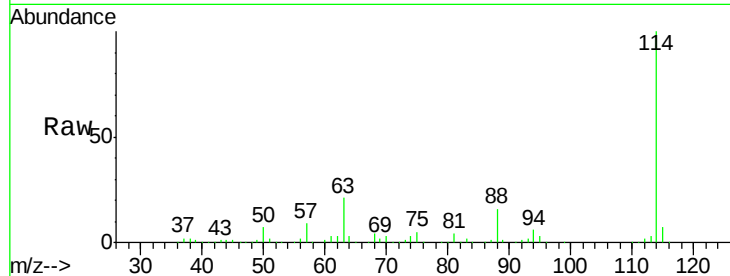
Tot Ion:114 Resp: 672808

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

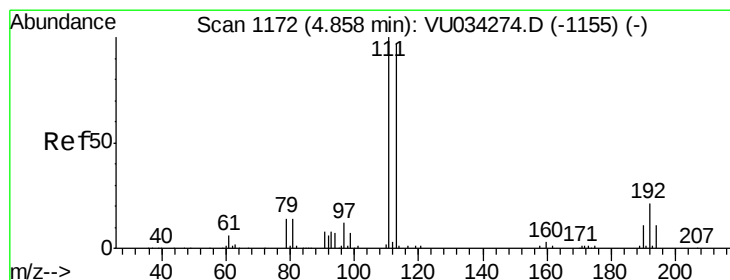
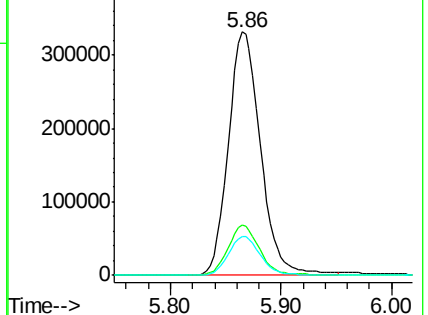
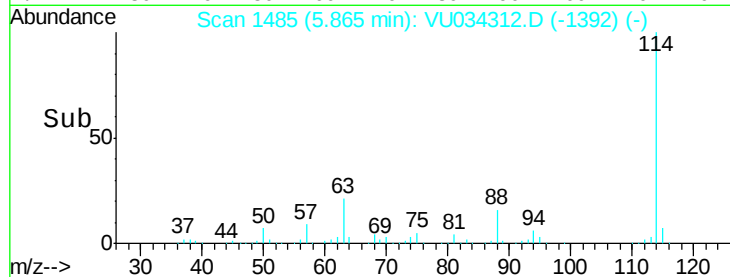
88 15.9 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 38.025 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034312.D

Acq: 06 Sep 2019 02:24

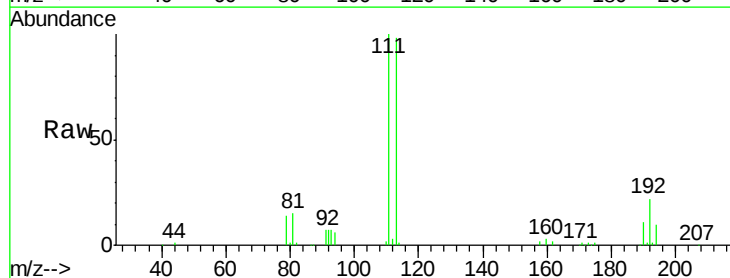
Tgt Ion:113 Resp: 238057

Ion Ratio Lower Upper

113 100

111 104.4 81.5 122.3

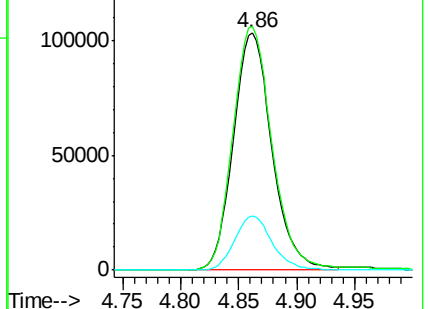
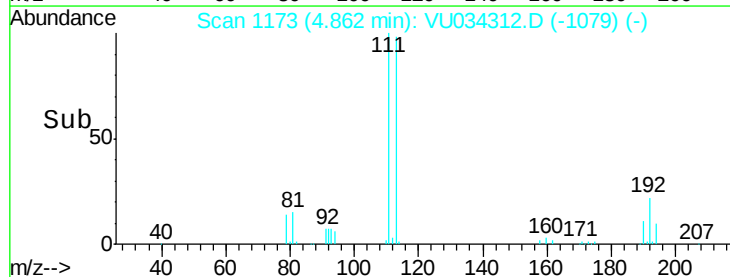
192 22.3 17.8 26.8

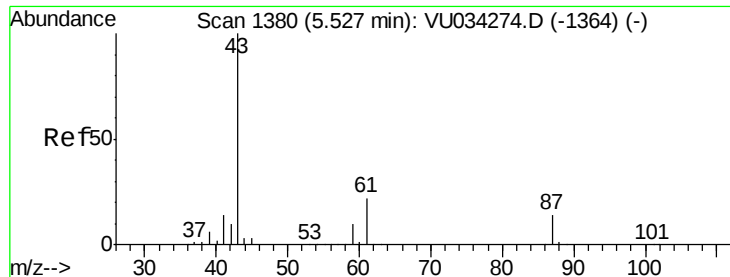


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 5.110 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034312.D

Acq: 06 Sep 2019 02:24

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-B1-(3.5)

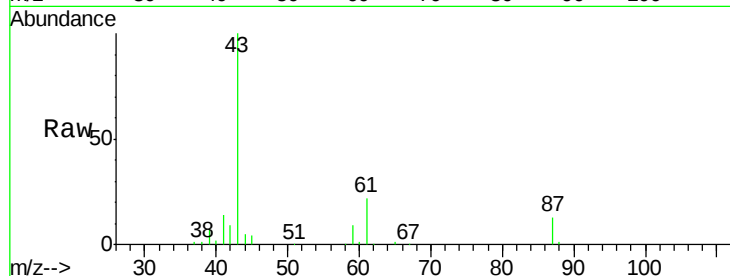
Tot Ion: 43 Resp: 68774

Ion Ratio Lower Upper

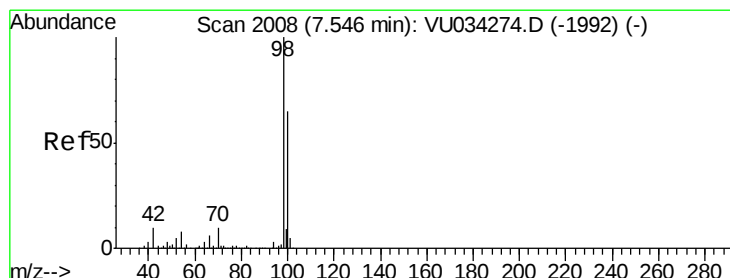
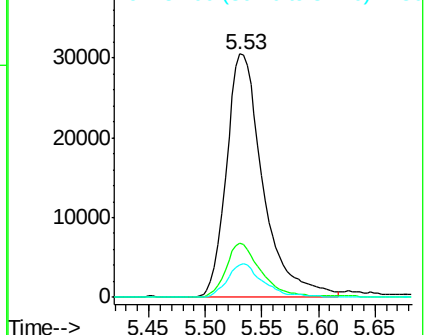
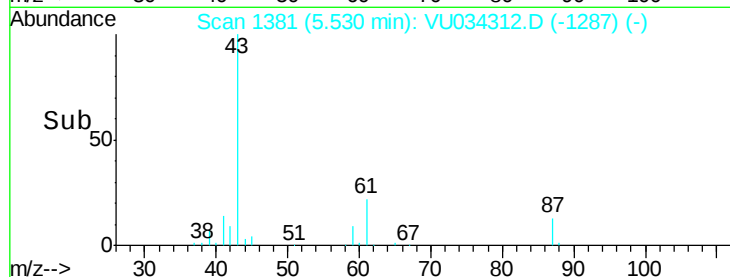
43 100

61 21.1 17.1 25.7

87 13.5 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034312.D (-1287) (-)



#50

Toluene-d8

Concen: 40.420 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034312.D

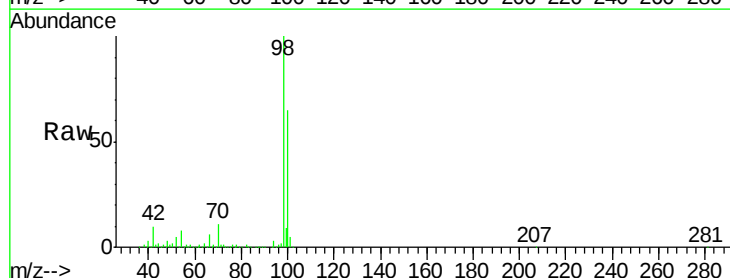
Acq: 06 Sep 2019 02:24

Tgt Ion: 98 Resp: 950705

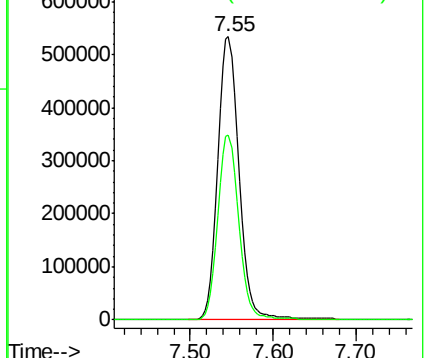
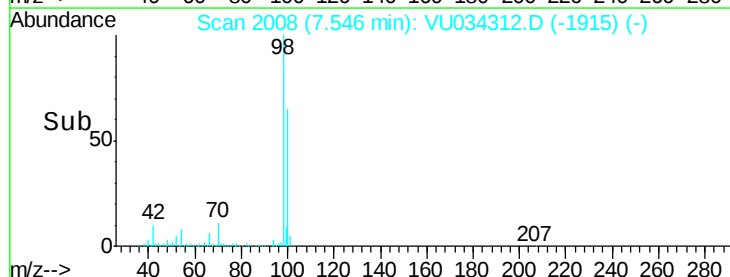
Ion Ratio Lower Upper

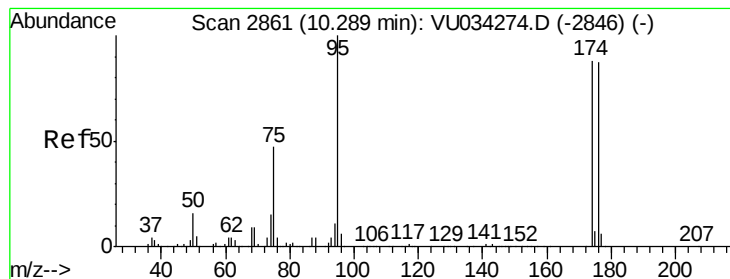
98 100

100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034312.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 36.476 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034312.D

Acq: 06 Sep 2019 02:24

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-B1-(3.5)

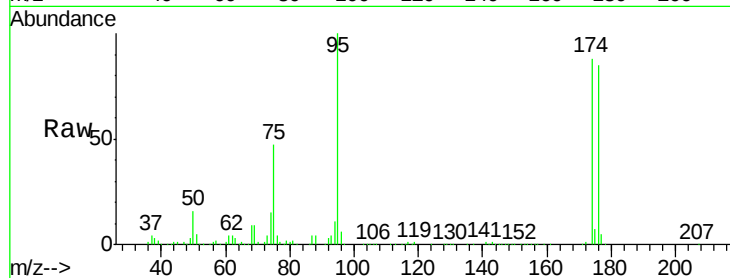
Tot Ion: 95 Resp: 331249

Ion Ratio Lower Upper

95 100

174 88.4 0.0 175.2

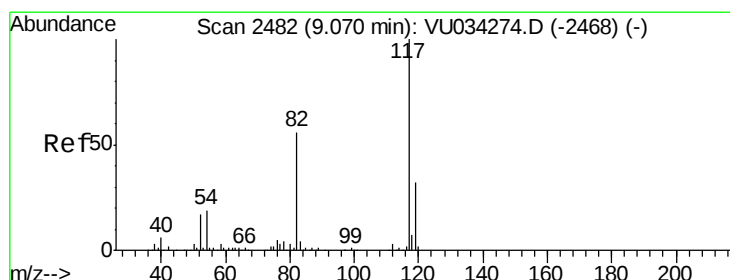
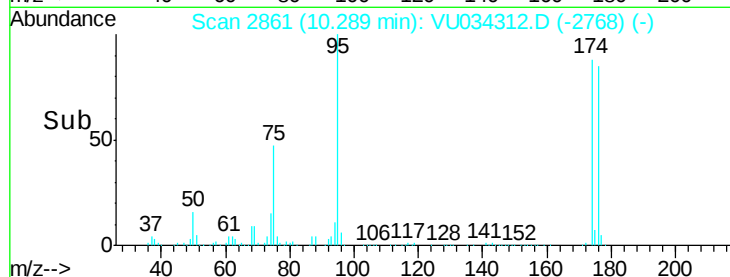
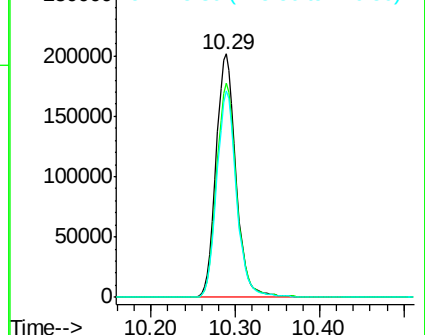
176 83.9 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034312.D

Acq: 06 Sep 2019 02:24

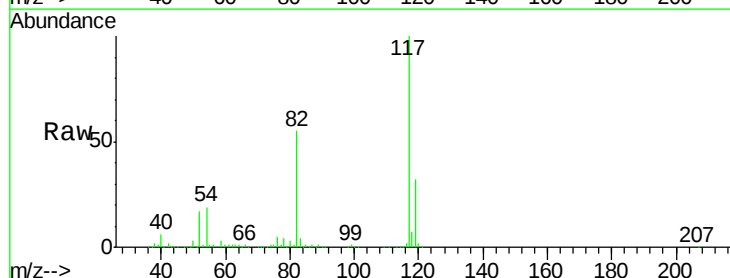
Tgt Ion: 117 Resp: 677095

Ion Ratio Lower Upper

117 100

82 54.9 44.6 67.0

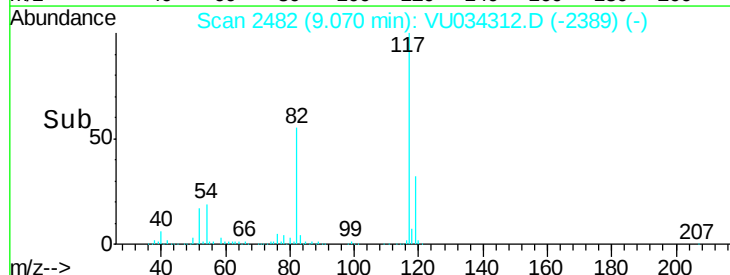
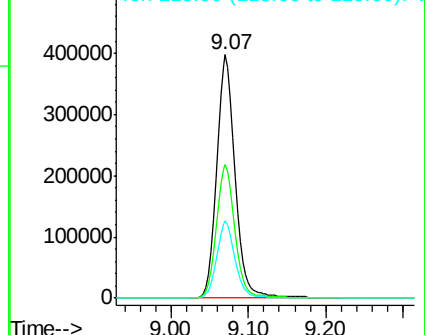
119 31.7 25.9 38.9

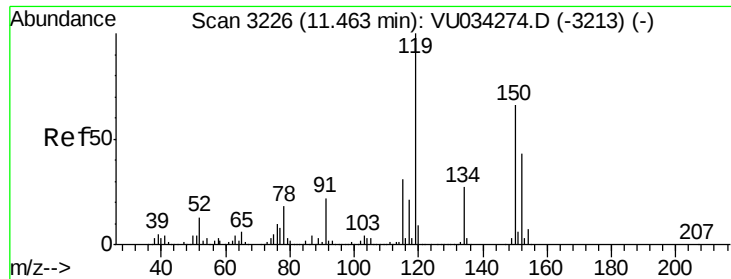


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034312.D

Acq: 06 Sep 2019 02:24

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-B1-(3.5)

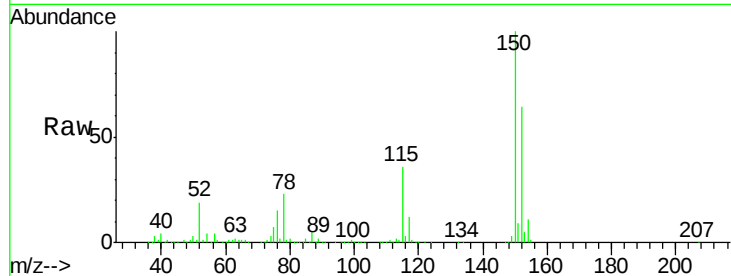
Tot Ion:152 Resp: 337116

Ion Ratio Lower Upper

152 100

115 55.8 39.1 117.3

150 155.4 0.0 345.4



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

