

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034143.D
 Acq On : 01 Sep 2019 00:13
 Operator : JC/SP
 Sample : K4526-24
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-D-(1.9)

Quant Time: Sep 01 05:40:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

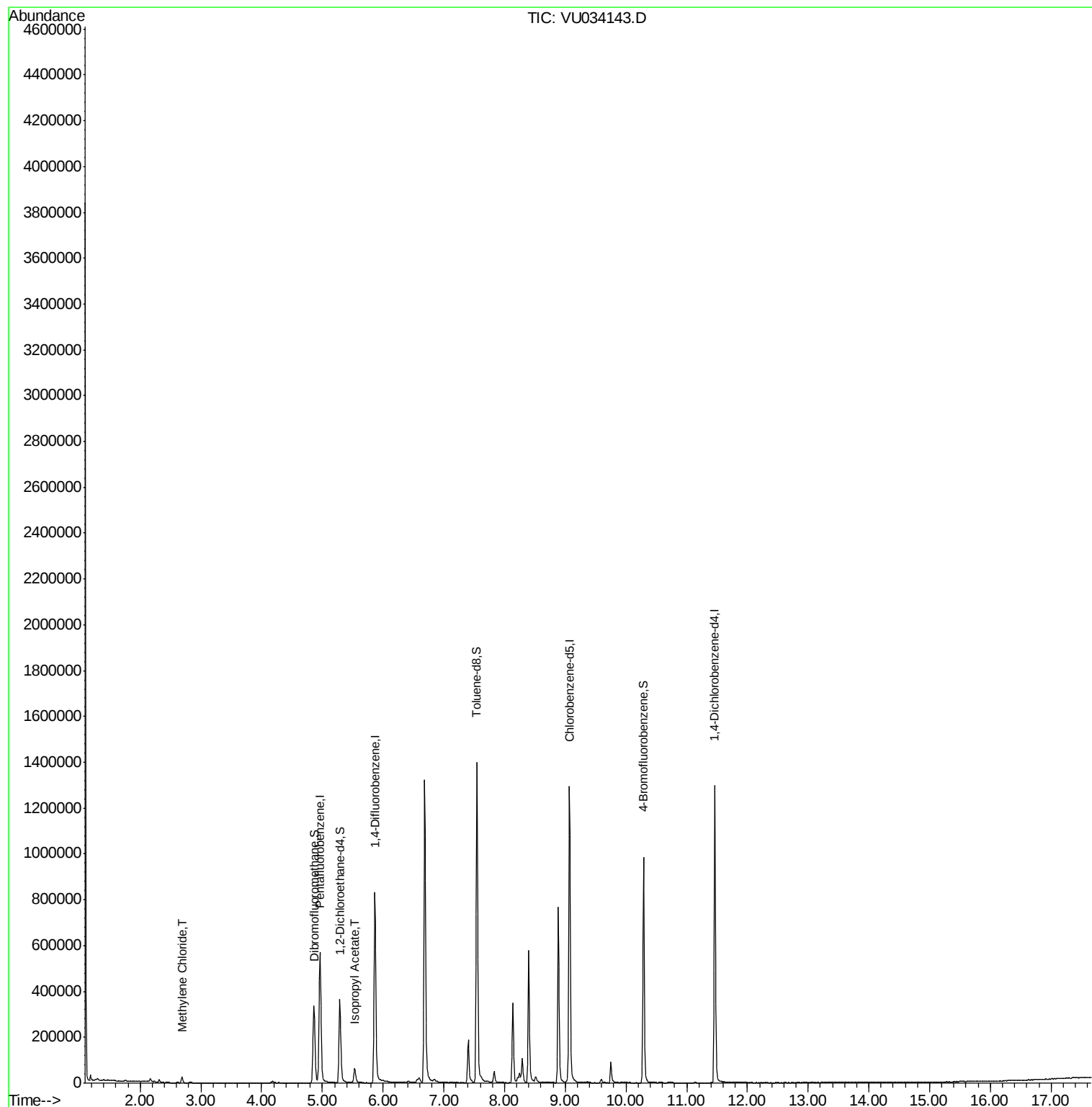
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	462497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	755861	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	736234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	358590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	287375	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
35) Dibromofluoromethane	4.86	113	242340	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
50) Toluene-d8	7.55	98	968890	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	10.29	95	340274	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
Target Compounds						
20) Methylene Chloride	2.69	84	11176	1.952	ug/l	97
43) Isopropyl Acetate	5.53	43	76849	6.309	ug/l	98

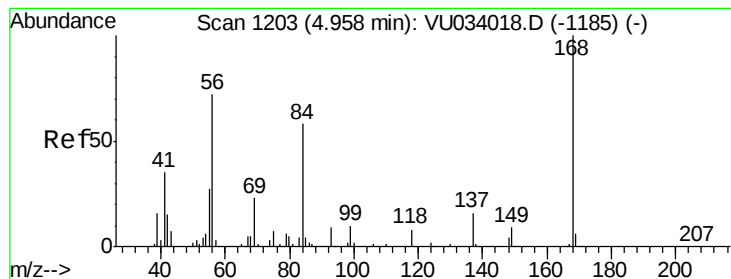
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
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: VU034143.D

Acq: 01 Sep 2019 00:13

Instrument :

MSVOA_U

ClientSampleId :

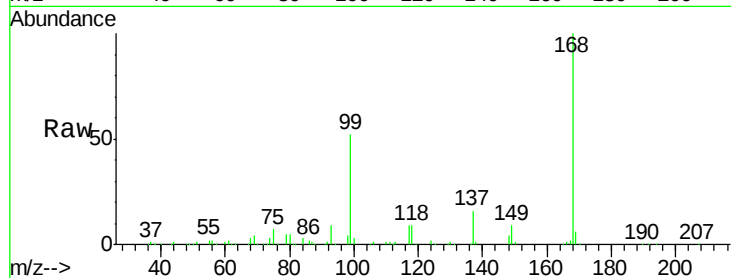
T9-12-13-D-(1.9)

Tot Ion:168 Resp: 462497

Ion Ratio Lower Upper

168 100

99 52.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

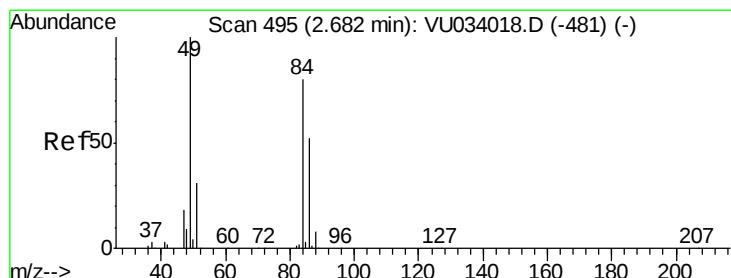
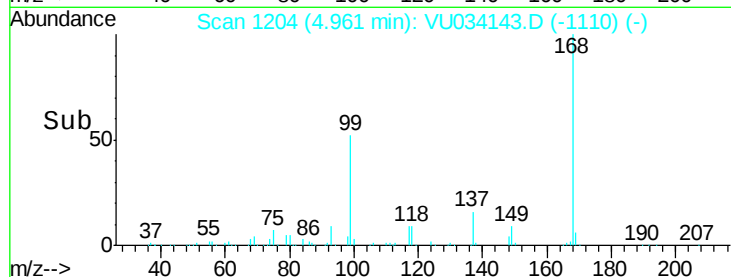
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.952 ug/l

RT: 2.69 min Scan# 498

Delta R.T. 0.01 min

Lab File: VU034143.D

Acq: 01 Sep 2019 00:13

Tgt Ion: 84 Resp: 11176

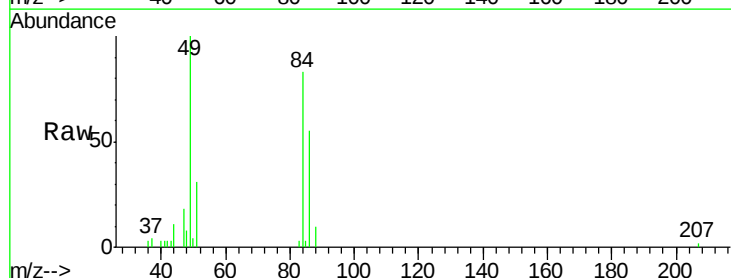
Ion Ratio Lower Upper

84 100

49 120.8 100.2 150.4

51 37.8 30.8 46.2

86 66.5 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034018.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VU034018.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VU034018.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VU034018.D (-481) (-)

12000

10000

8000

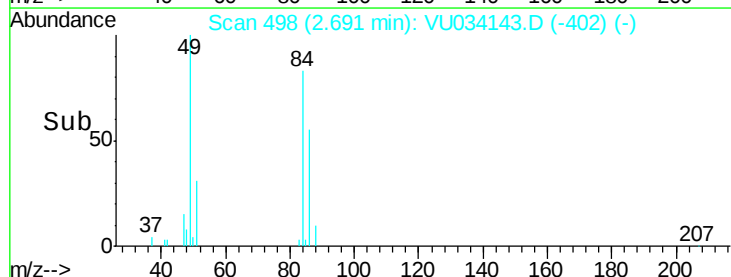
6000

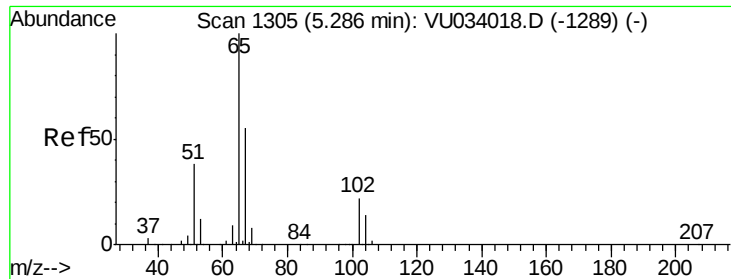
4000

2000

0

Time-->

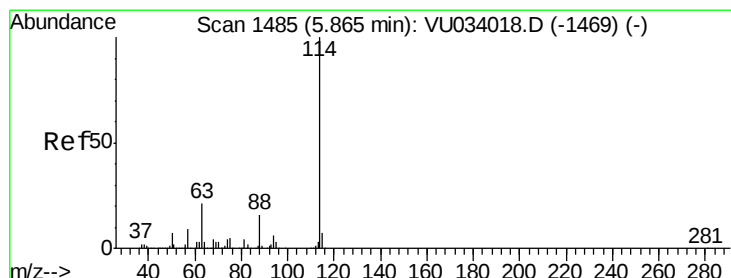
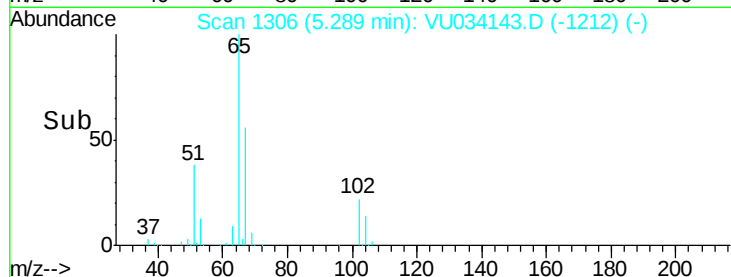
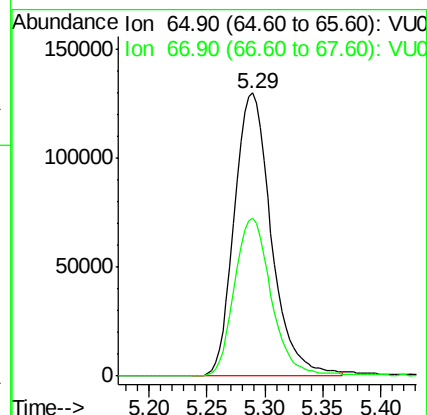
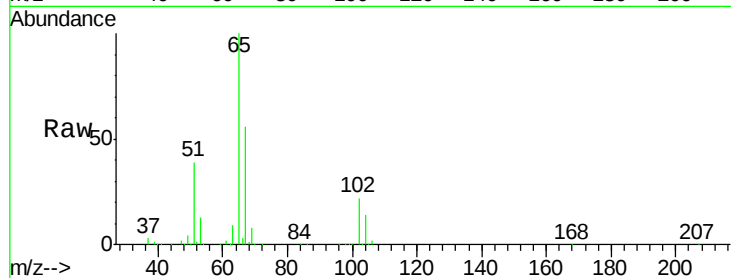




#33
 1,2-Dichloroethane-d4
 Concen: 48.493 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034143.D
 Acq: 01 Sep 2019 00:13

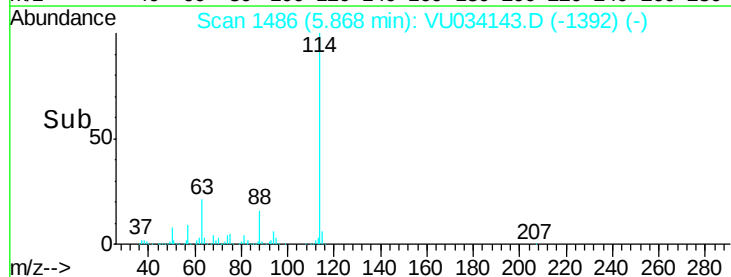
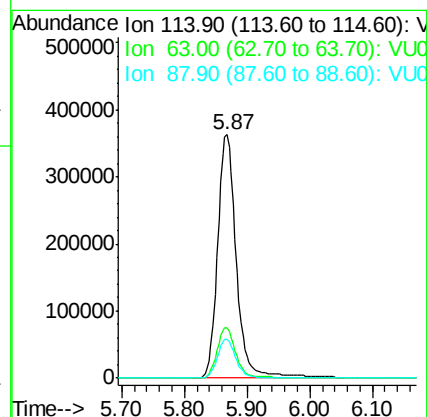
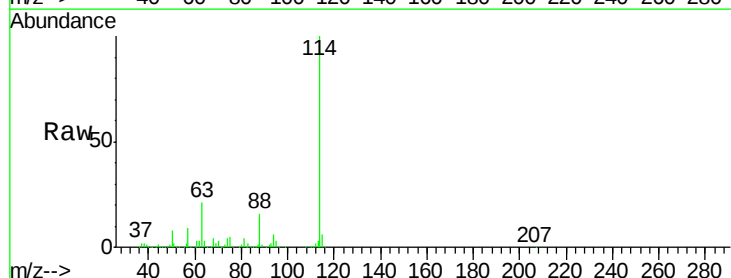
Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-D-(1.9)

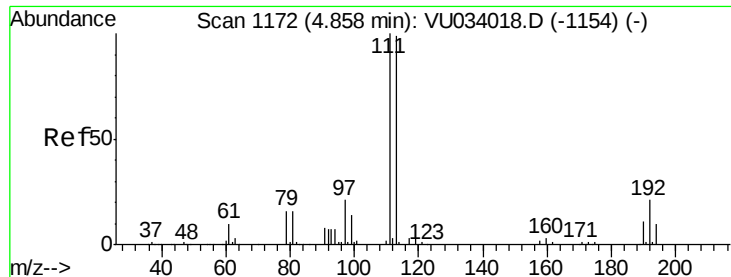
Tot Ion: 65 Resp: 287375
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034143.D
 Acq: 01 Sep 2019 00:13

Tgt Ion: 114 Resp: 755861
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.0
 88 15.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 46.225 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034143.D

Acq: 01 Sep 2019 00:13

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-D-(1.9)

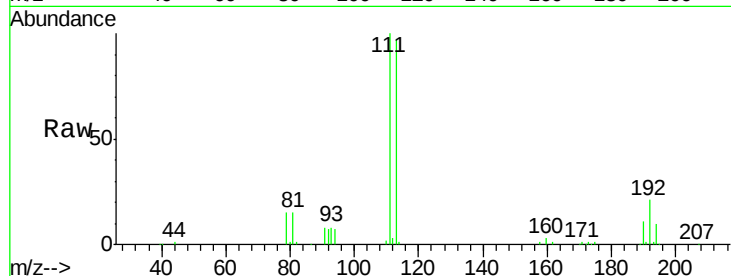
Tot Ion:113 Resp: 242340

Ion Ratio Lower Upper

113 100

111 103.8 81.7 122.5

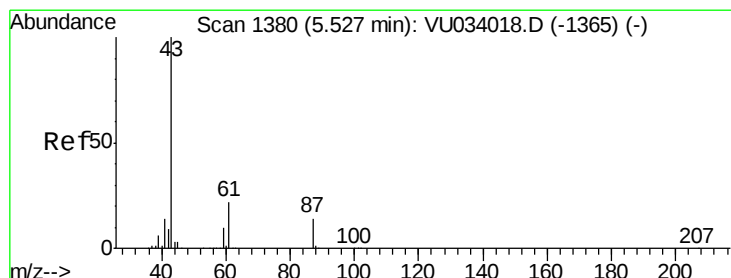
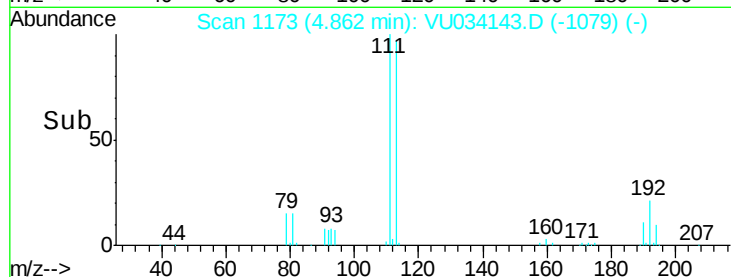
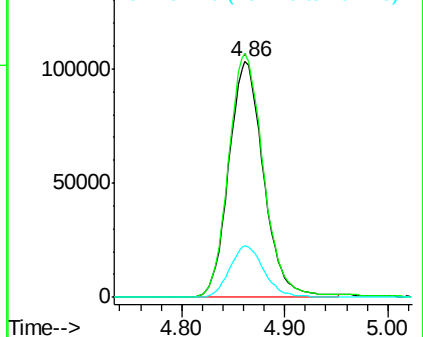
192 21.7 17.1 25.7



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: 6.309 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034143.D

Acq: 01 Sep 2019 00:13

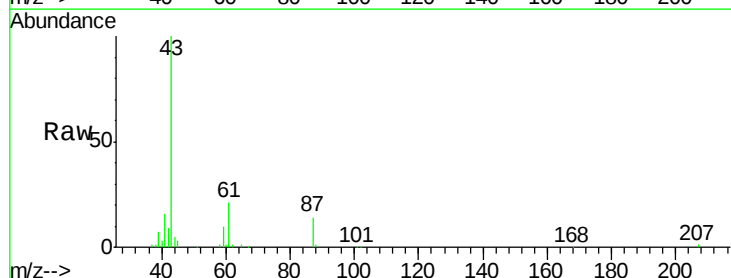
Tgt Ion: 43 Resp: 76849

Ion Ratio Lower Upper

43 100

61 21.1 17.2 25.8

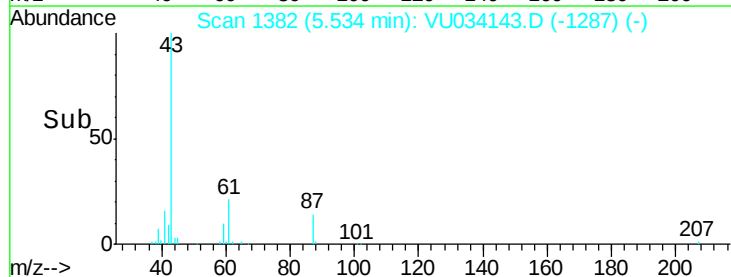
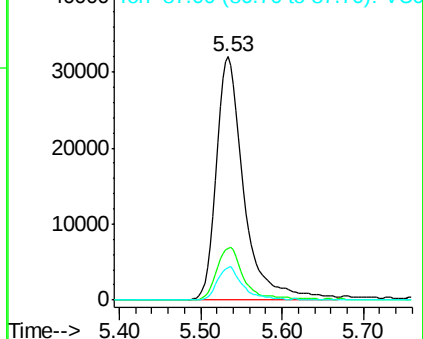
87 12.4 10.8 16.2

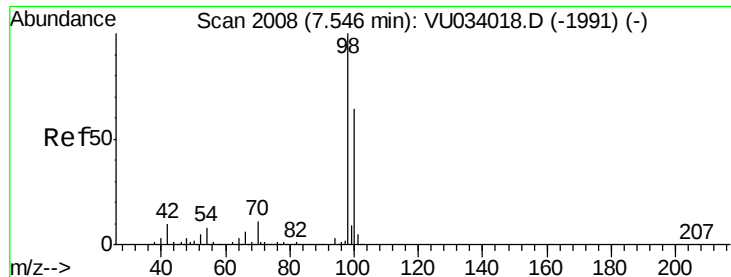


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#50

Toluene-d8

Concen: 49.357 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034143.D

Acq: 01 Sep 2019 00:13

Instrument :

MSVOA_U

ClientSampleId :

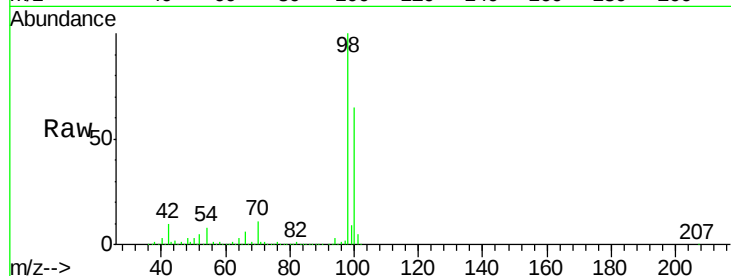
T9-12-13-D-(1.9)

Tot Ion: 98 Resp: 968890

Ion Ratio Lower Upper

98 100

100 65.0 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034143.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034143.D (-1915) (-)

7.55

600000

500000

400000

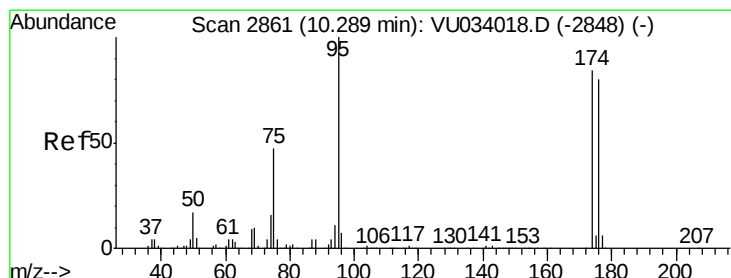
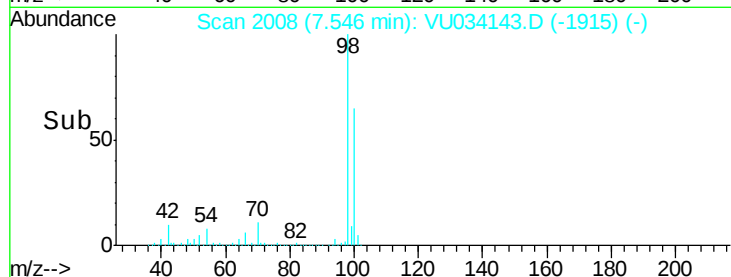
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.562 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034143.D

Acq: 01 Sep 2019 00:13

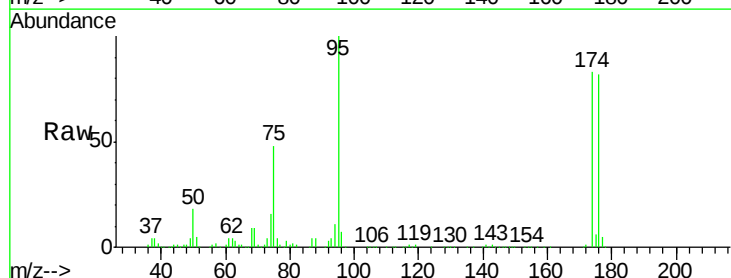
Tgt Ion: 95 Resp: 340274

Ion Ratio Lower Upper

95 100

174 83.9 0.0 168.8

176 81.1 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034143.D (-2768) (-)

Ion 173.80 (173.50 to 174.50): VU034143.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU034143.D (-2768) (-)

10.29

250000

200000

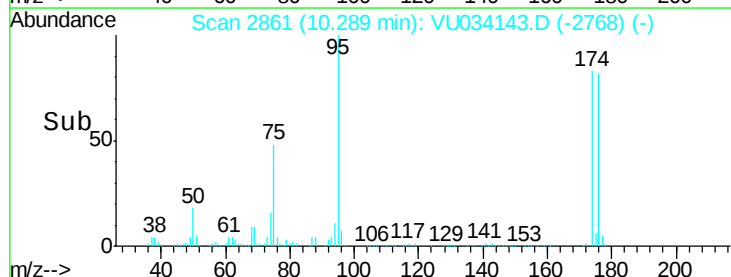
150000

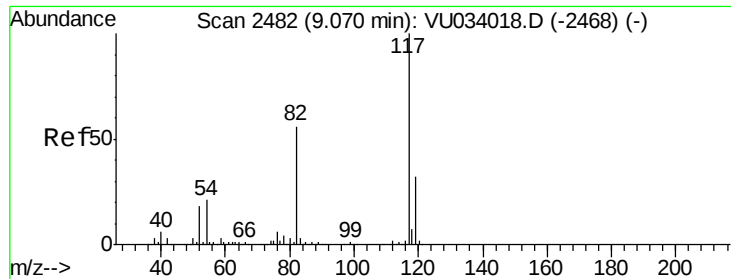
100000

50000

0

Time-->

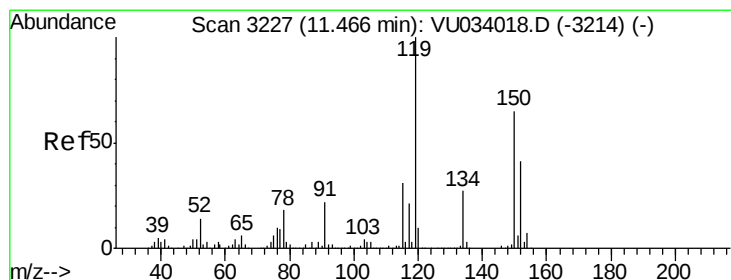
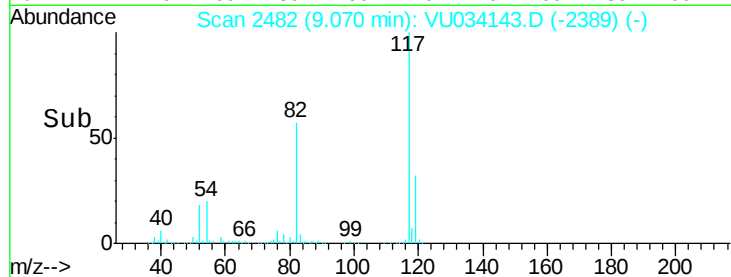
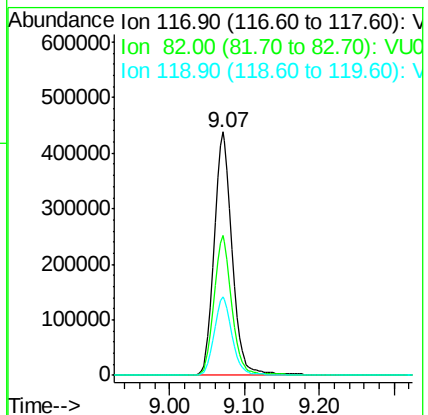
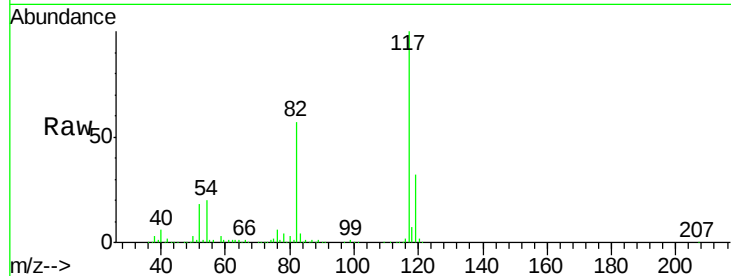




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034143.D
Acq: 01 Sep 2019 00:13

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-D-(1.9)

Tot Ion:117 Resp: 736234
Ion Ratio Lower Upper
117 100
82 57.2 45.1 67.7
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034143.D
Acq: 01 Sep 2019 00:13

Tgt Ion:152 Resp: 358590
Ion Ratio Lower Upper
152 100
115 57.4 41.1 123.3
150 159.0 0.0 348.8

