

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083019\
 Data File : VU034074.D
 Acq On : 29 Aug 2019 19:56
 Operator : JC/SP
 Sample : K4528-24
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-Q2-(1.9)

Quant Time: Aug 30 05:25:38 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

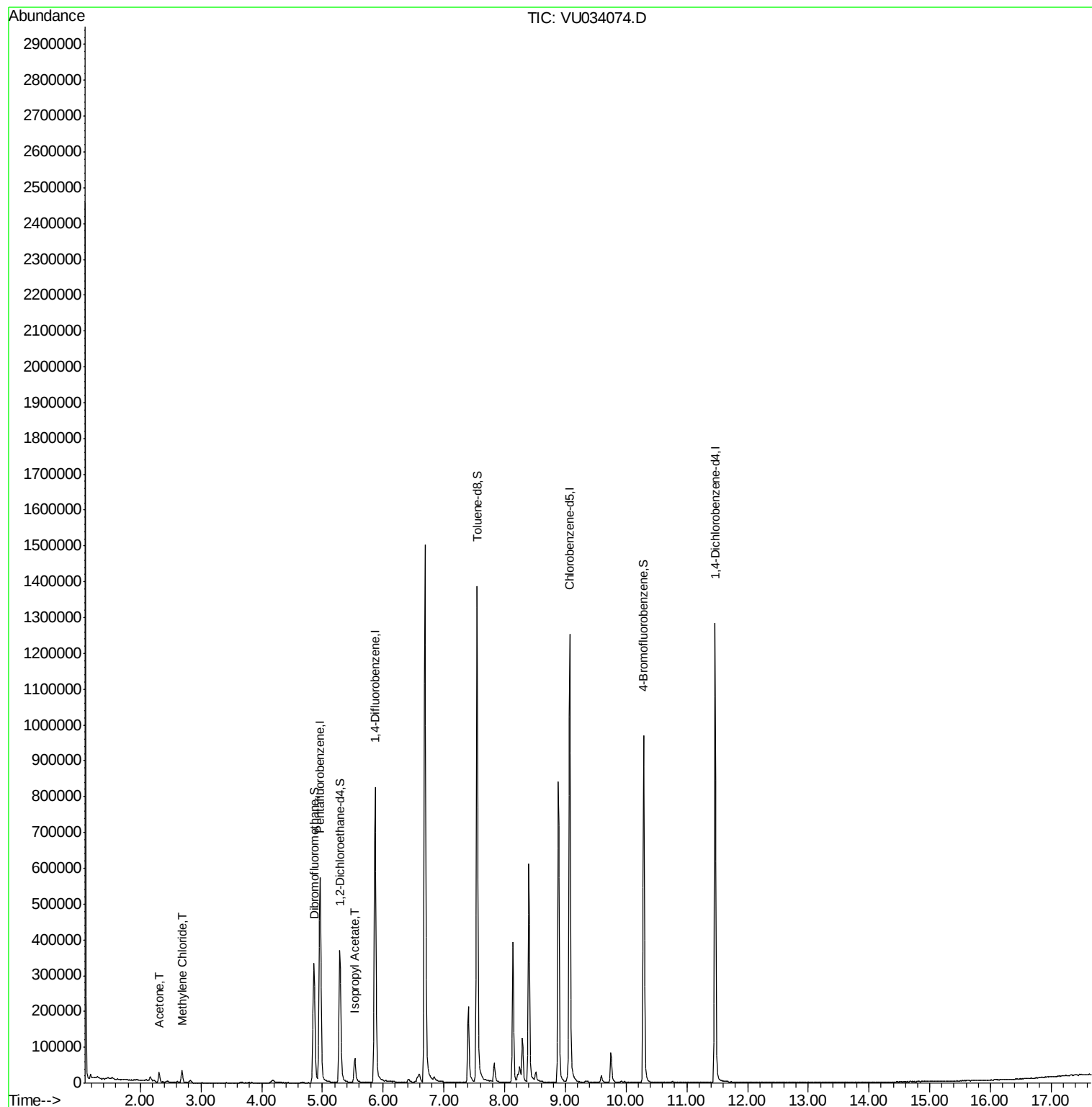
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	460421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	742825	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	735919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	356841	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	293675	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
35) Dibromofluoromethane	4.86	113	241218	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
50) Toluene-d8	7.55	98	960247	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	10.29	95	336470	44.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.68%	
Target Compounds						
16) Acetone	2.31	43	31952	10.615	ug/l	98
20) Methylene Chloride	2.69	84	15397	2.702	ug/l	95
43) Isopropyl Acetate	5.53	43	81897	6.842	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034074.D

Acq: 29 Aug 2019 19:56

Instrument :

MSVOA_U

ClientSampleId :

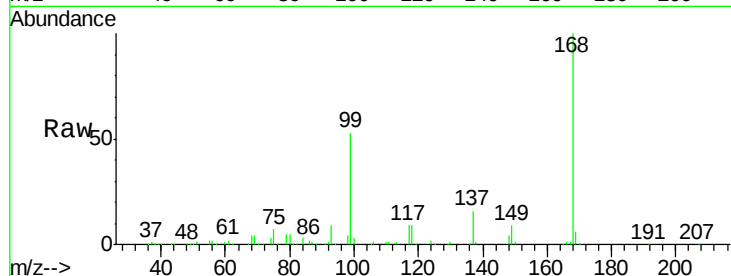
T9-12-13-Q2-(1.9)

Tot Ion:168 Resp: 460421

Ion Ratio Lower Upper

168 100

99 53.5 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

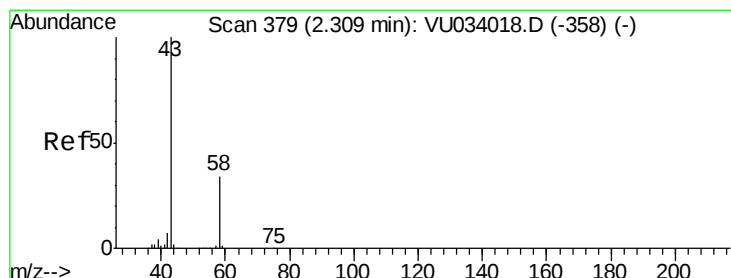
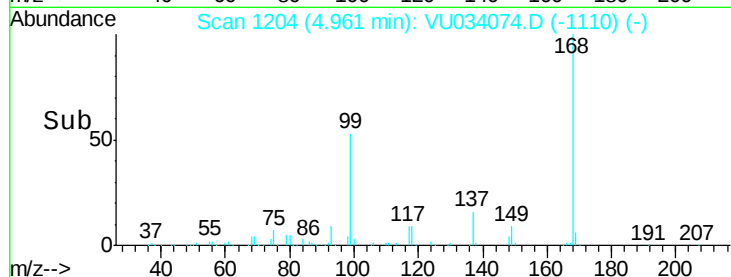
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 10.615 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034074.D

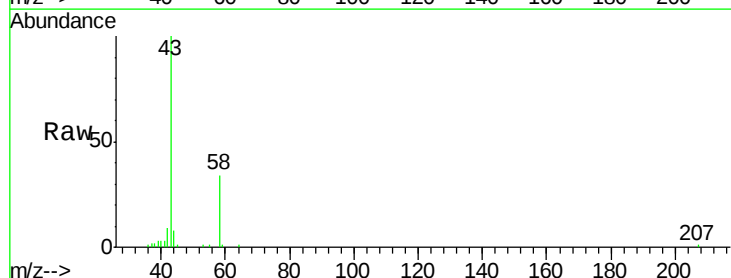
Acq: 29 Aug 2019 19:56

Tgt Ion: 43 Resp: 31952

Ion Ratio Lower Upper

43 100

58 34.5 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034018.D (-358) (-)

2.31

20000

15000

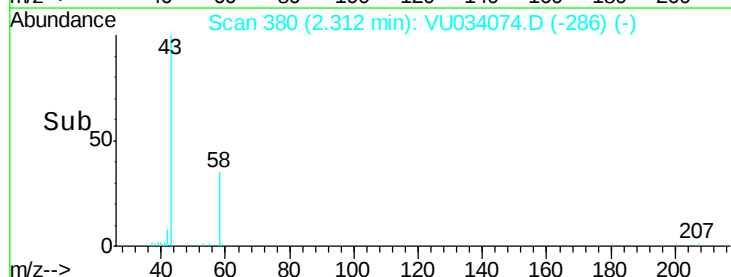
10000

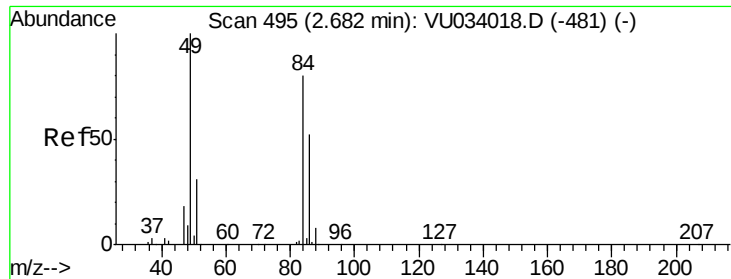
5000

0

2.25 2.30 2.35 2.40

Time-->





#20

Methylene Chloride

Concen: 2.702 ug/l

RT: 2.69 min Scan# 498

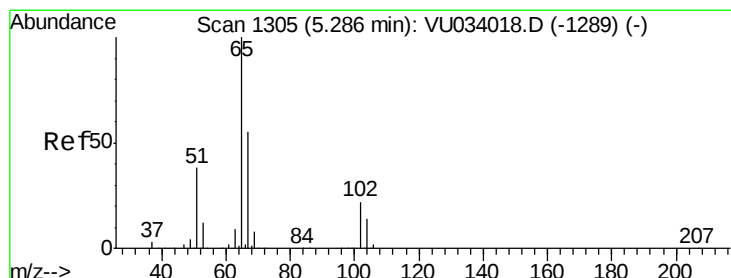
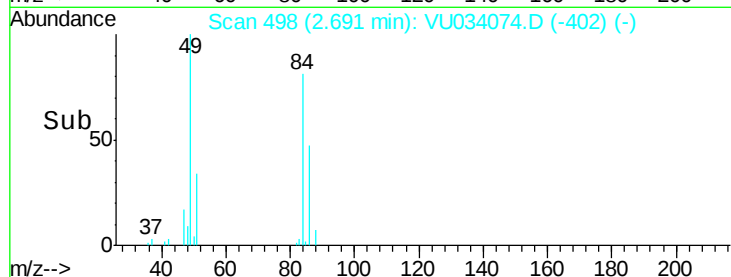
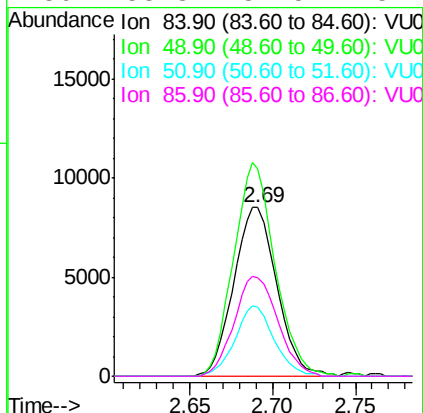
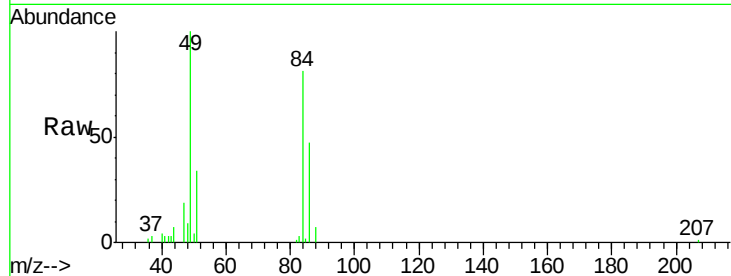
Delta R.T. 0.01 min

Lab File: VU034074.D

Acq: 29 Aug 2019 19:56

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-Q2-(1.9)

Tot Ion:	84	Resp:	15397
Ion	Ratio	Lower	Upper
84	100		
49	122.8	100.2	150.4
51	41.2	30.8	46.2
86	58.3	52.5	78.7



#33

1,2-Dichloroethane-d4

Concen: 49.779 ug/l

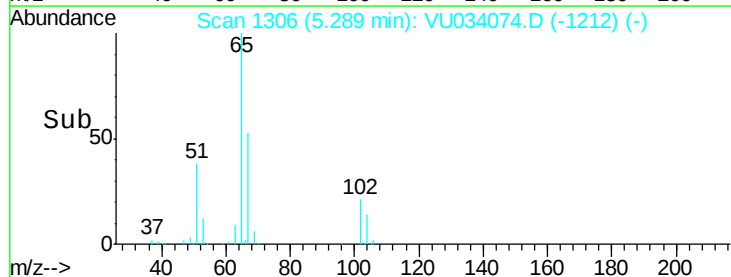
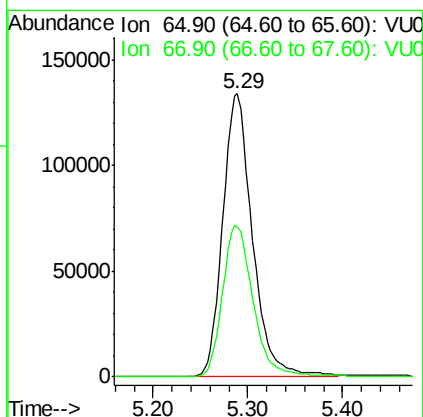
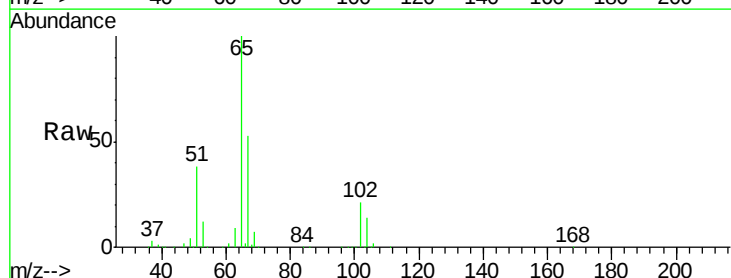
RT: 5.29 min Scan# 1306

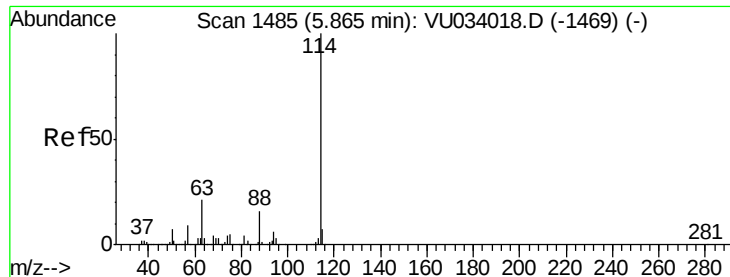
Delta R.T. 0.00 min

Lab File: VU034074.D

Acq: 29 Aug 2019 19:56

Tgt Ion:	65	Resp:	293675
Ion	Ratio	Lower	Upper
65	100		
67	55.2	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: VU034074.D

Acq: 29 Aug 2019 19:56

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-Q2-(1.9)

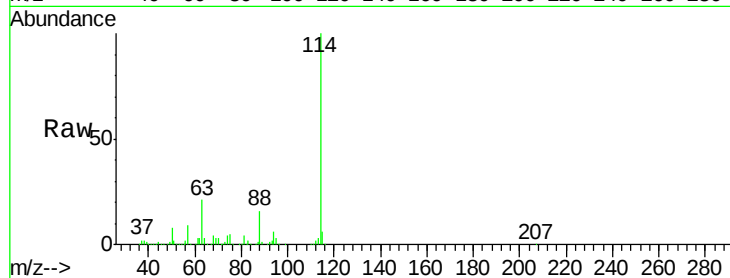
Tot Ion:114 Resp: 742825

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.0

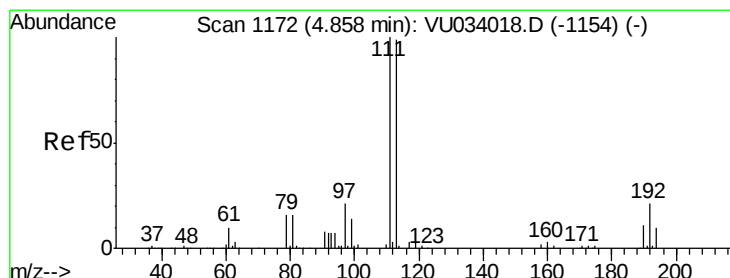
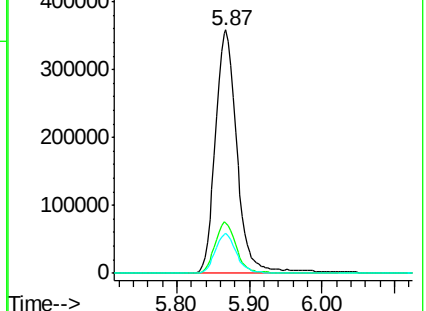
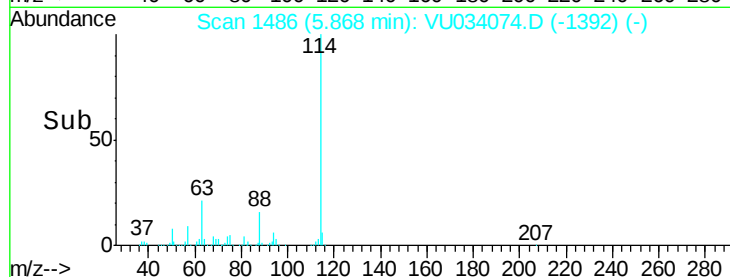
88 16.3 0.0 32.0



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: 46.819 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034074.D

Acq: 29 Aug 2019 19:56

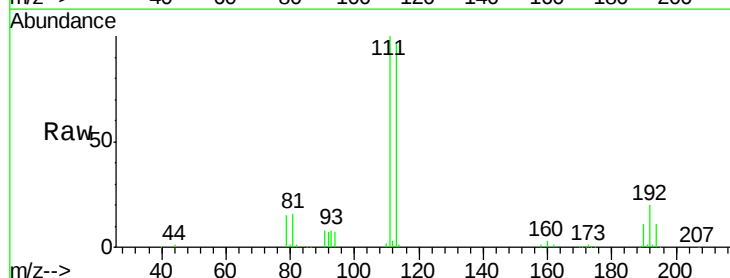
Tgt Ion:113 Resp: 241218

Ion Ratio Lower Upper

113 100

111 104.2 81.7 122.5

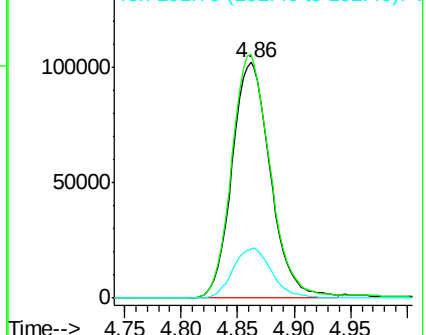
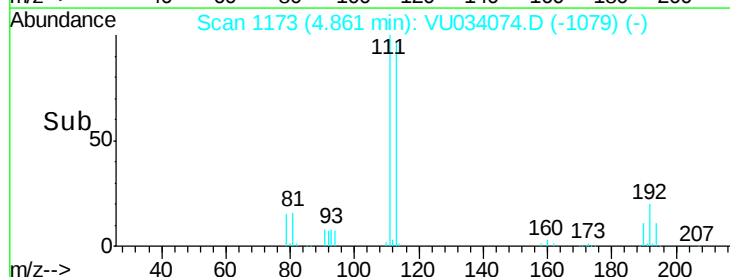
192 21.6 17.1 25.7

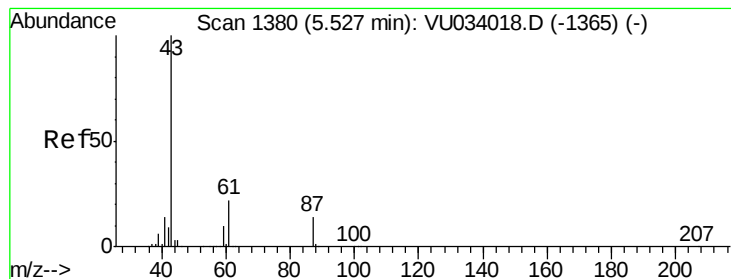


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.842 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034074.D

Acq: 29 Aug 2019 19:56

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-Q2-(1.9)

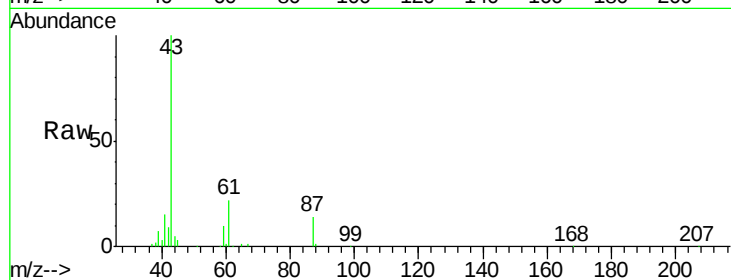
Tot Ion: 43 Resp: 81897

Ion Ratio Lower Upper

43 100

61 21.0 17.2 25.8

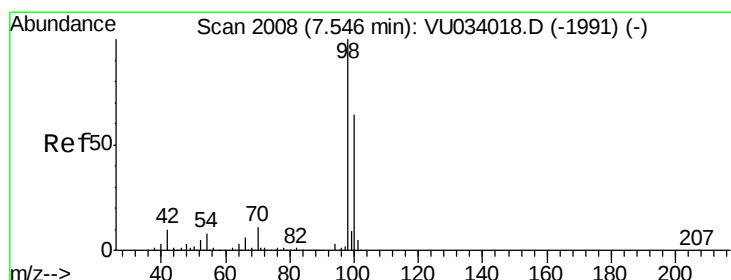
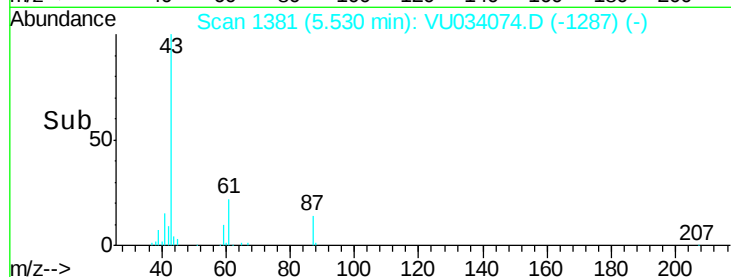
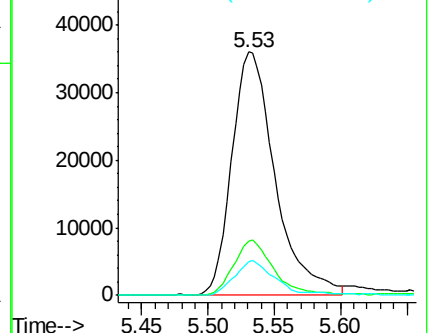
87 13.6 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034074.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034074.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034074.D (-1287) (-)



#50

Toluene-d8

Concen: 49.775 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034074.D

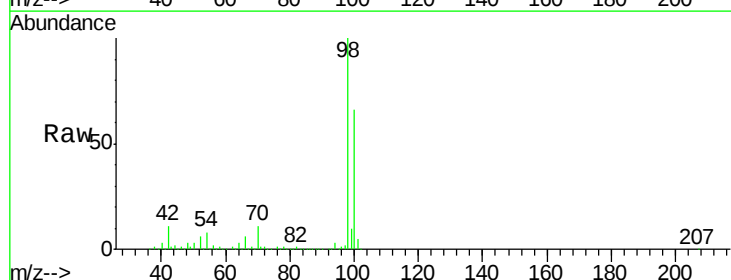
Acq: 29 Aug 2019 19:56

Tgt Ion: 98 Resp: 960247

Ion Ratio Lower Upper

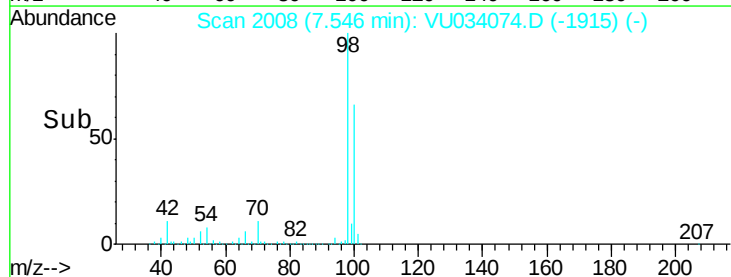
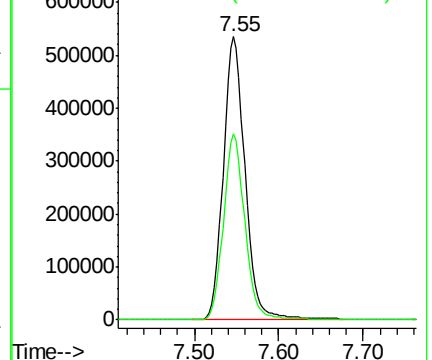
98 100

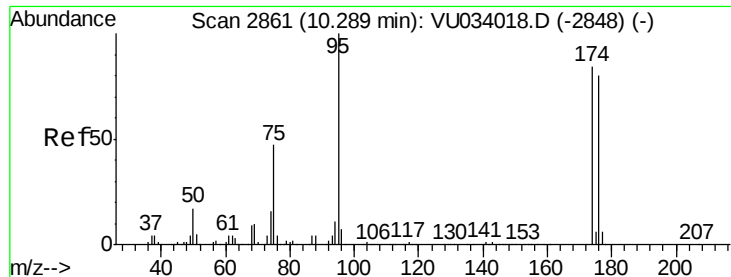
100 64.6 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034074.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034074.D (-1915) (-)

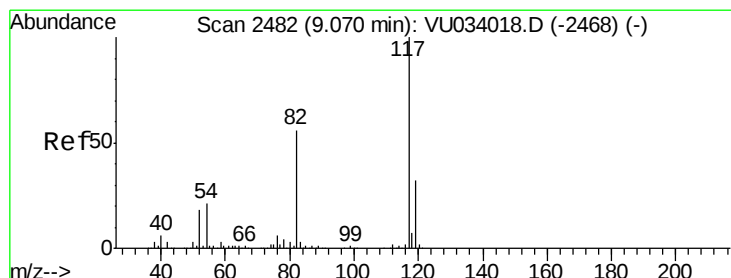
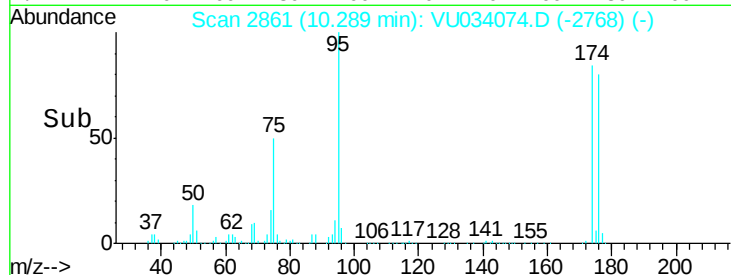
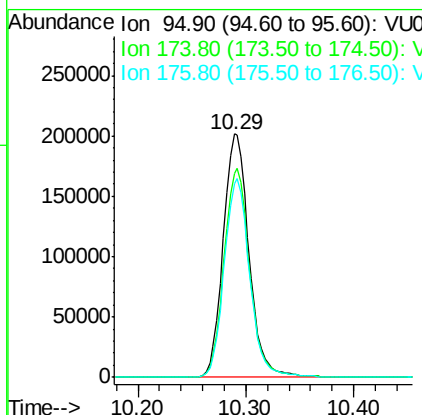
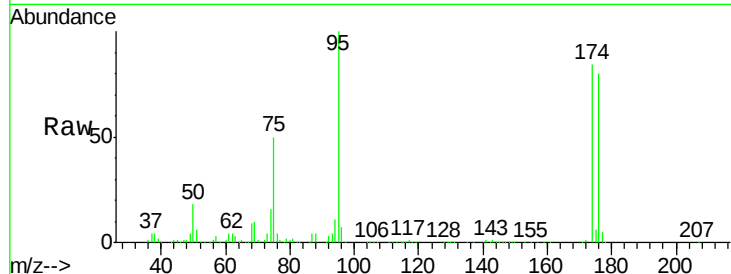




#62
4-Bromofluorobenzene
Concen: 44.837 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034074.D
Acq: 29 Aug 2019 19:56

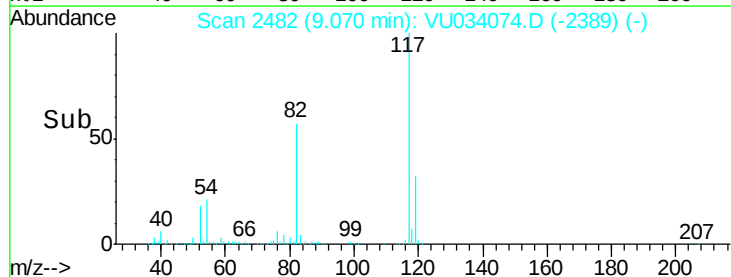
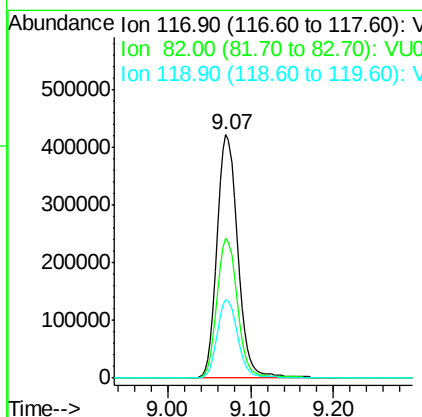
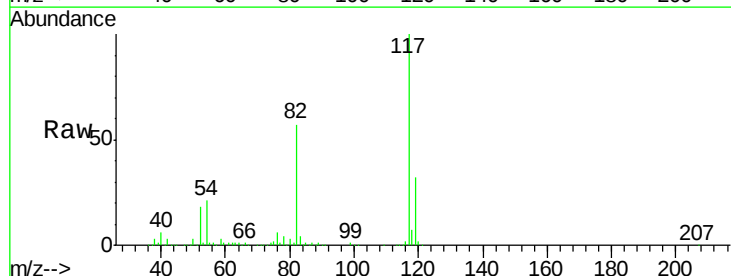
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-Q2-(1.9)

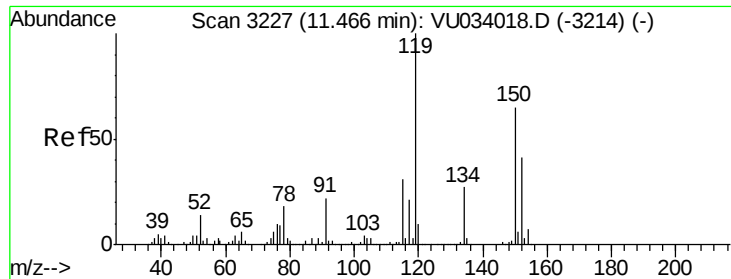
Tot Ion	95	Resp	336470
Ion Ratio	Lower	Upper	
95	100		
174	85.7	0.0	168.8
176	80.8	0.0	161.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034074.D
Acq: 29 Aug 2019 19:56

Tgt Ion	117	Resp	735919
Ion Ratio	Lower	Upper	
117	100		
82	57.3	45.1	67.7
119	32.5	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. -0.00 min

Lab File: VU034074.D

Acq: 29 Aug 2019 19:56

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-Q2-(1.9)

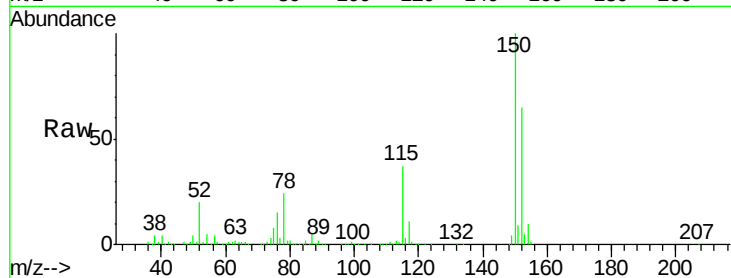
Tot Ion:152 Resp: 356841

Ion Ratio Lower Upper

152 100

115 57.8 41.1 123.3

150 157.0 0.0 348.8



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

