

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090919\
 Data File : VU034431.D
 Acq On : 09 Sep 2019 14:22
 Operator : JC/SP
 Sample : K4725-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S13-0271

Quant Time: Sep 10 06:47:08 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

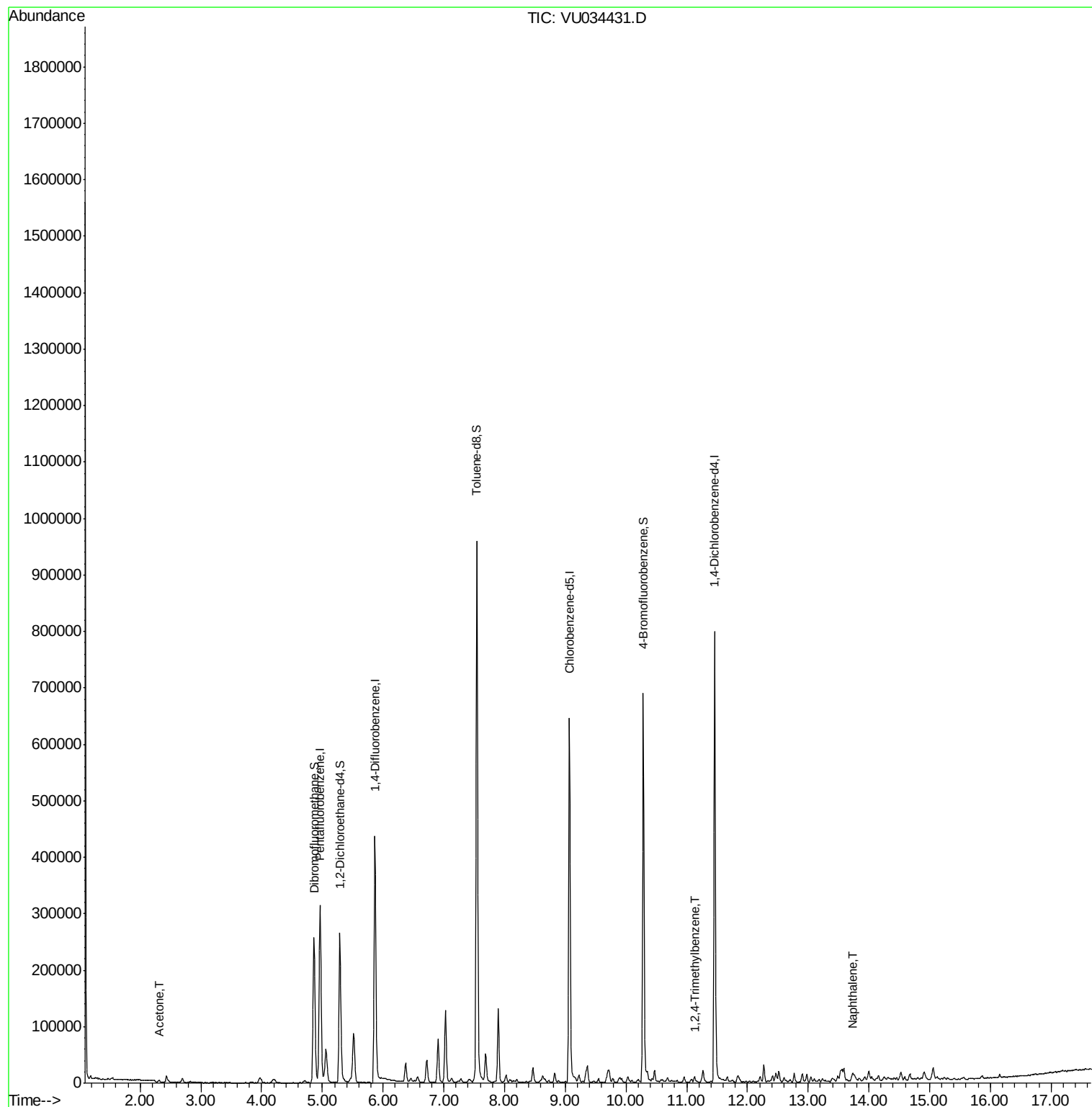
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	264686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	404590	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	399445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	233847	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	207498	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
35) Dibromofluoromethane	4.86	113	186113	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	7.55	98	679407	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
62) 4-Bromofluorobenzene	10.29	95	231165	42.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.66%	
Target Compounds						
16) Acetone	2.31	43	3989	1.925	ug/l	97
84) 1,2,4-Trimethylbenzene	11.13	105	3952	0.308	ug/l	94
95) Naphthalene	13.73	128	18201	5.041	ug/l	95

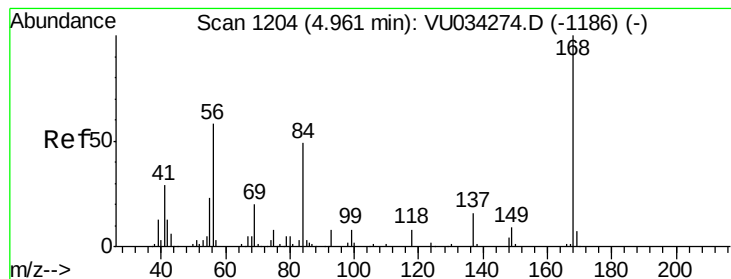
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034431.D

Acq: 09 Sep 2019 14:22

Instrument :

MSVOA_U

ClientSampleId :

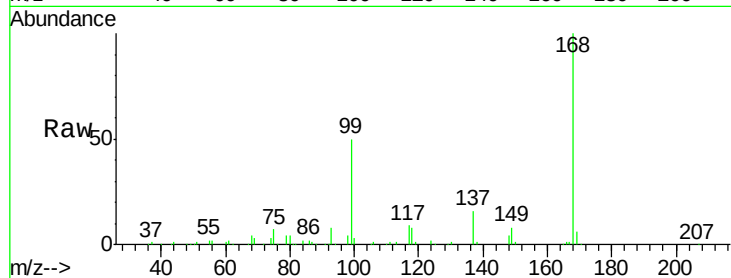
S13-0271

Tot Ion:168 Resp: 264686

Ion Ratio Lower Upper

168 100

99 49.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

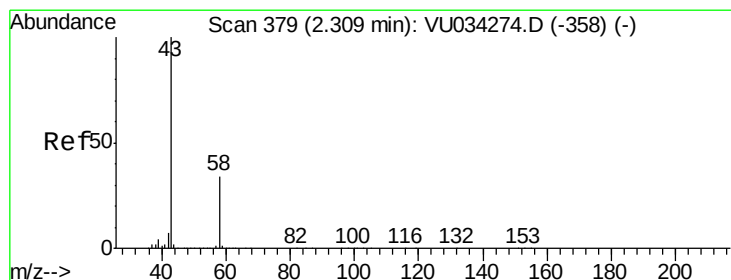
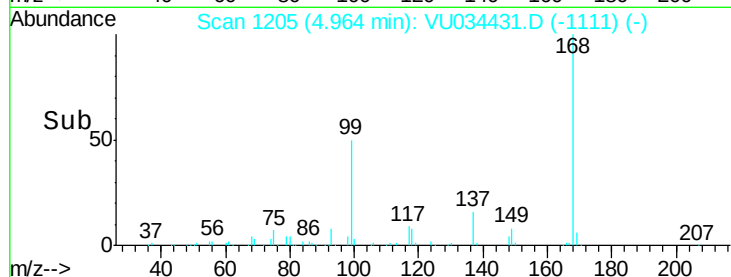
4.96

100000

50000

0

Time-->



#16

Acetone

Concen: 1.925 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034431.D

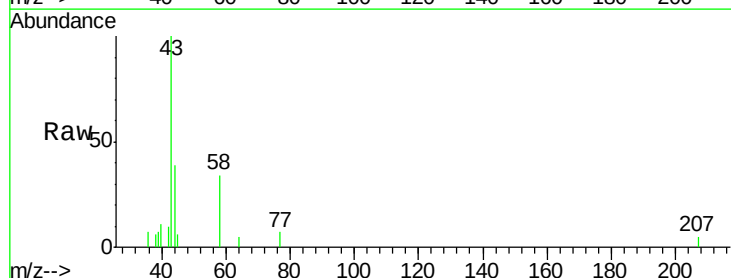
Acq: 09 Sep 2019 14:22

Tgt Ion: 43 Resp: 3989

Ion Ratio Lower Upper

43 100

58 36.1 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034274.D (-358) (-)

2.31

2500

2000

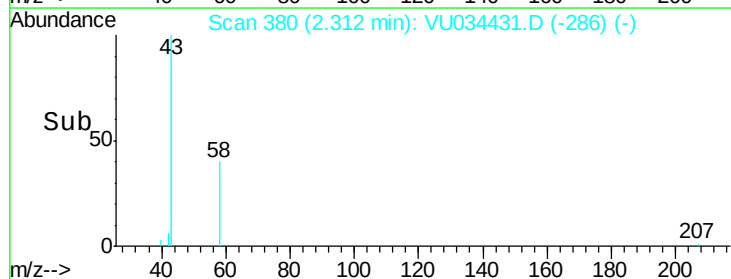
1500

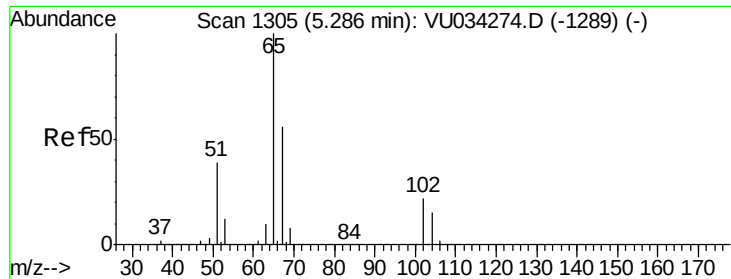
1000

500

0

Time-->

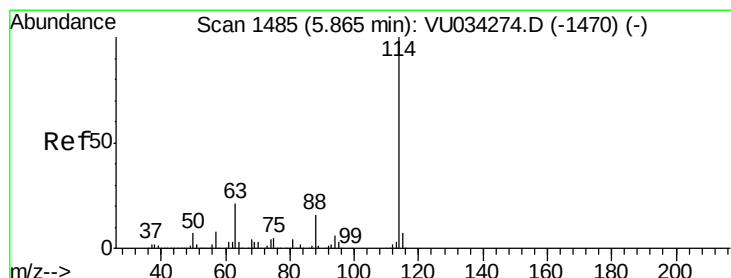
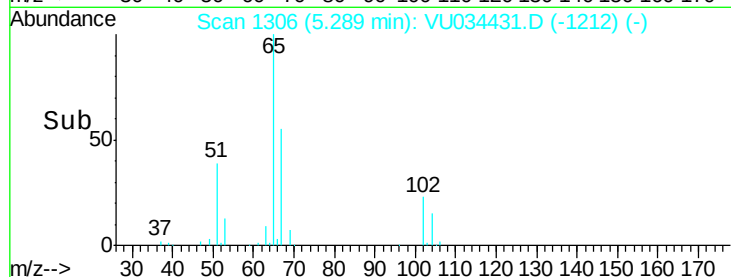
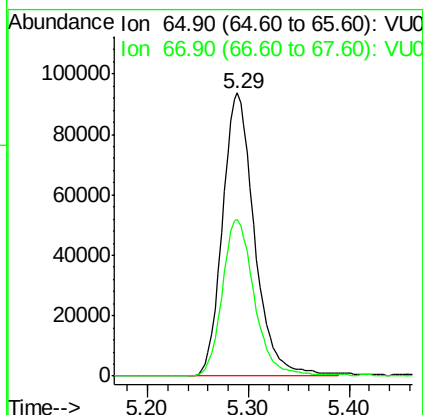
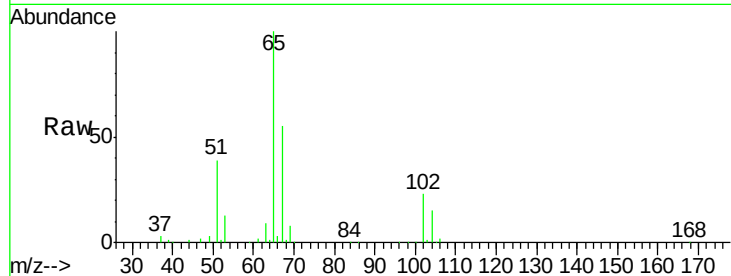




#33
 1,2-Dichloroethane-d4
 Concen: 51.813 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034431.D
 Acq: 09 Sep 2019 14:22

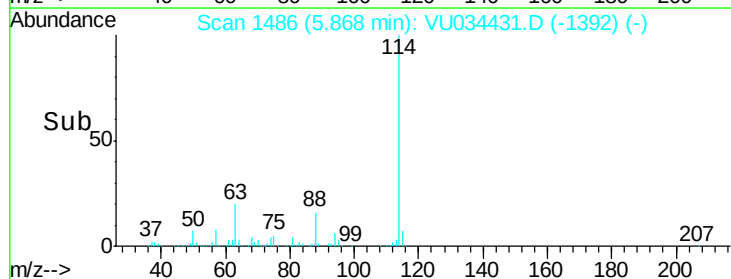
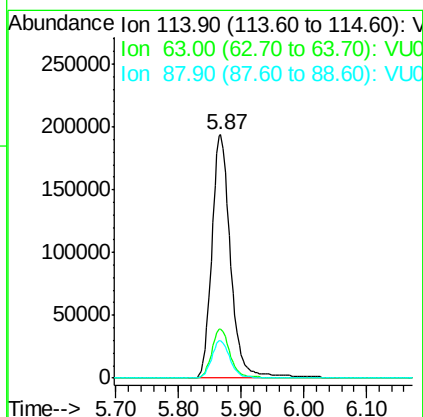
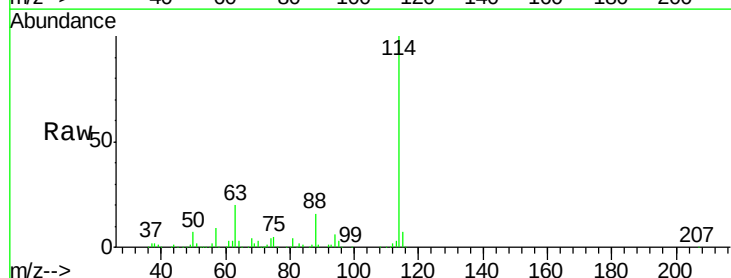
Instrument :
 MSVOA_U
 ClientSampled :
 S13-0271

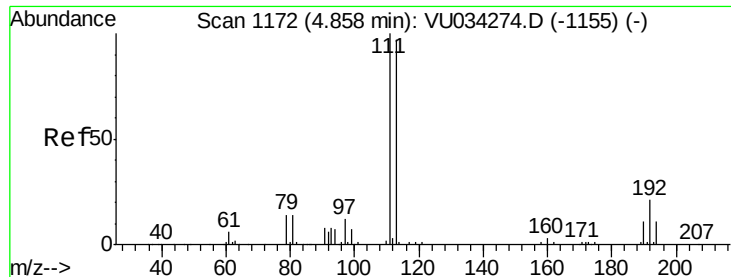
Tot Ion: 65 Resp: 207498
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034431.D
 Acq: 09 Sep 2019 14:22

Tgt Ion: 114 Resp: 404590
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.4
 88 15.5 0.0 32.4

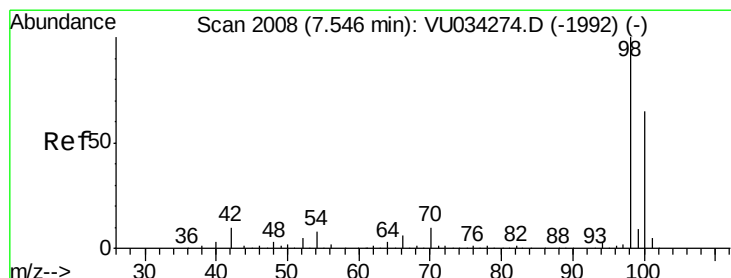
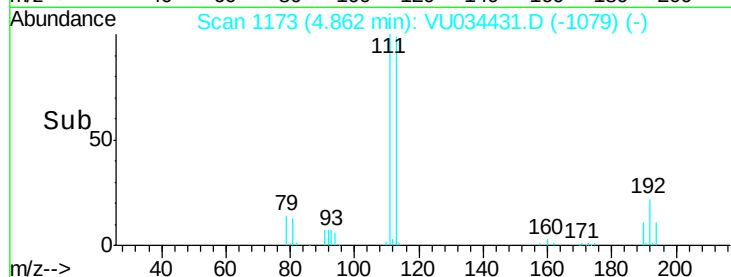
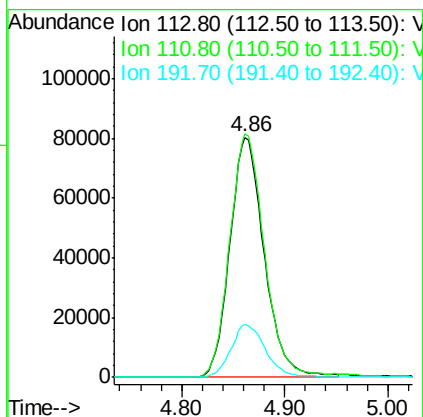
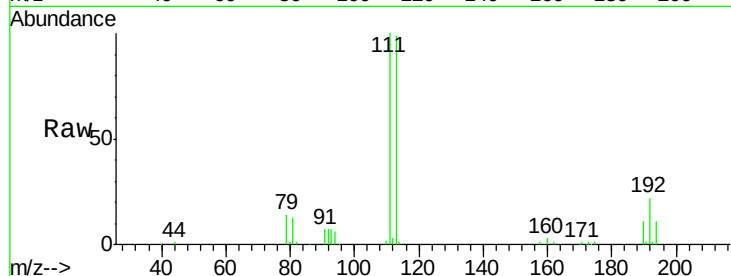




#35
 Dibromofluoromethane
 Concen: 49.436 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034431.D
 Acq: 09 Sep 2019 14:22

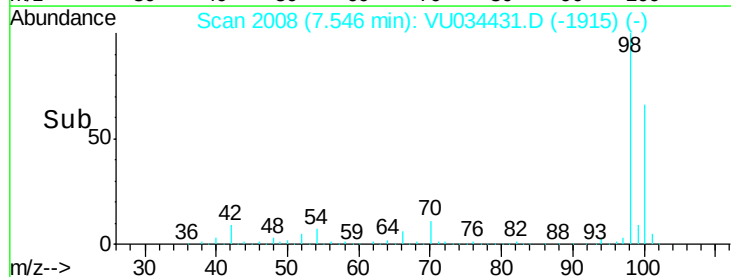
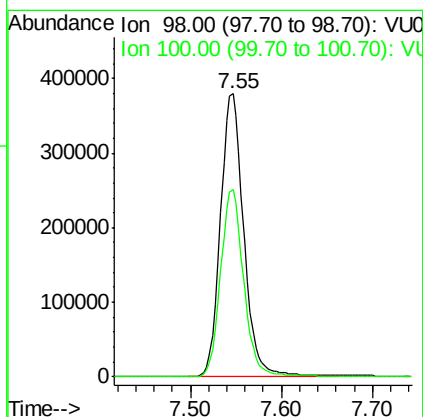
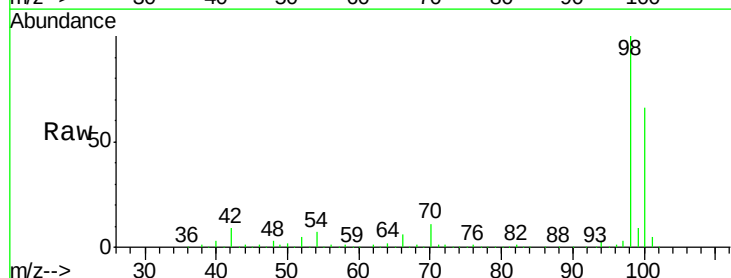
Instrument :
 MSVOA_U
 ClientSampleId :
 S13-0271

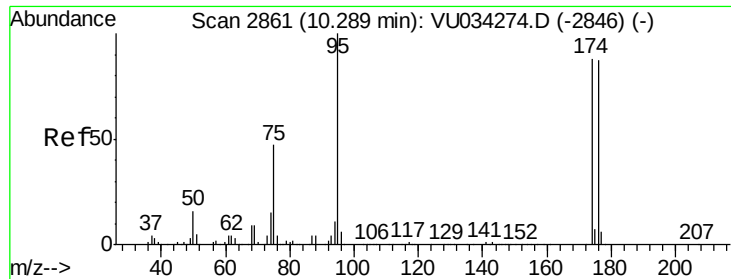
Tot Ion:113 Resp: 186113
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.5 122.3
 192 22.3 17.8 26.8



#50
 Toluene-d8
 Concen: 48.034 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: VU034431.D
 Acq: 09 Sep 2019 14:22

Tgt Ion: 98 Resp: 679407
 Ion Ratio Lower Upper
 98 100
 100 65.5 51.7 77.5

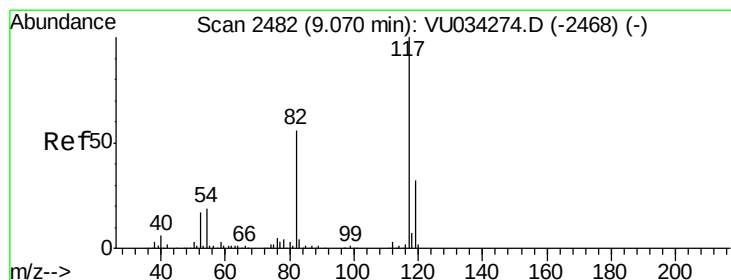
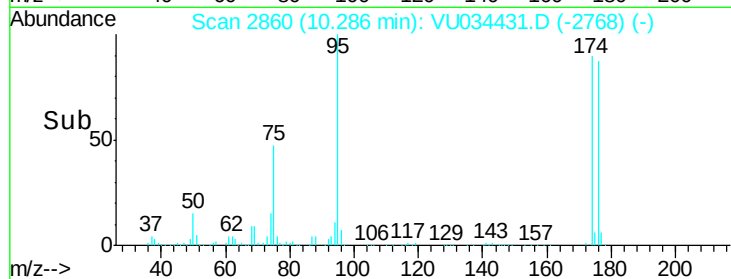
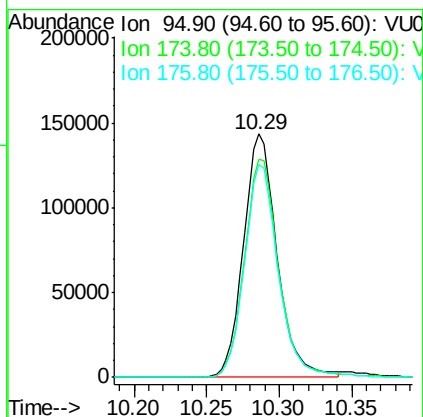
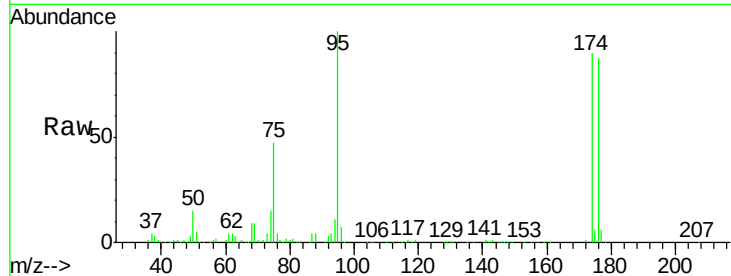




#62
4-Bromofluorobenzene
Concen: 42.330 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034431.D
Acq: 09 Sep 2019 14:22

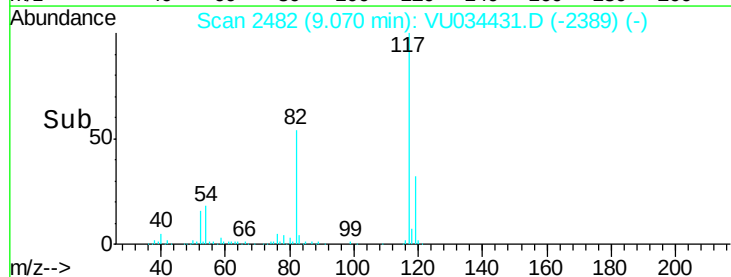
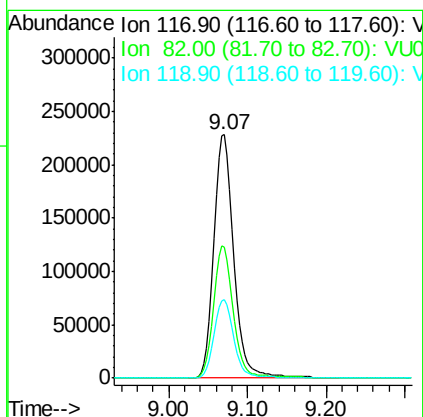
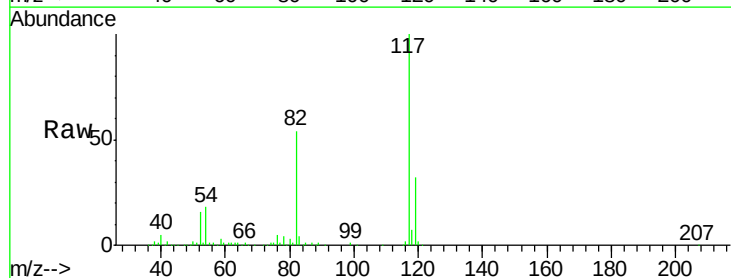
Instrument :
MSVOA_U
ClientSampleId :
S13-0271

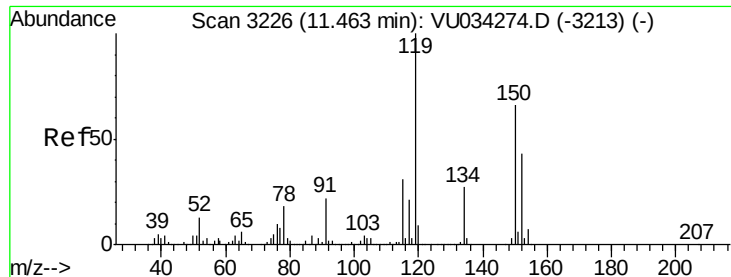
Tot Ion	95	Resp	231165
Ion Ratio	Lower	Upper	
95	100		
174	92.2	0.0	175.2
176	88.2	0.0	168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034431.D
Acq: 09 Sep 2019 14:22

Tgt Ion	117	Resp	399445
Ion Ratio	Lower	Upper	
117	100		
82	53.6	44.6	67.0
119	32.2	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034431.D

Acq: 09 Sep 2019 14:22

Instrument :

MSVOA_U

ClientSampleId :

S13-0271

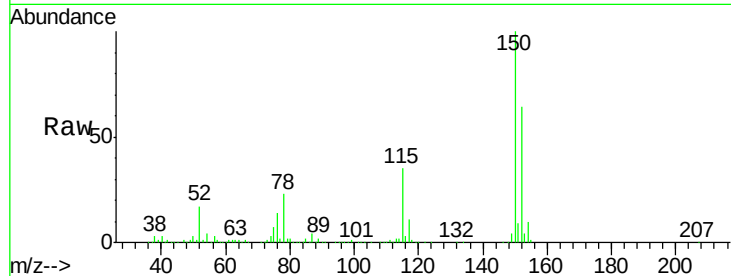
Tot Ion:152 Resp: 233847

Ion Ratio Lower Upper

152 100

115 55.7 39.1 117.3

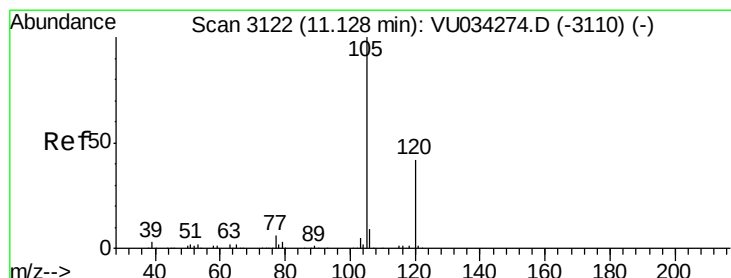
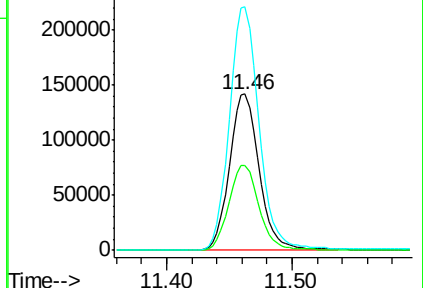
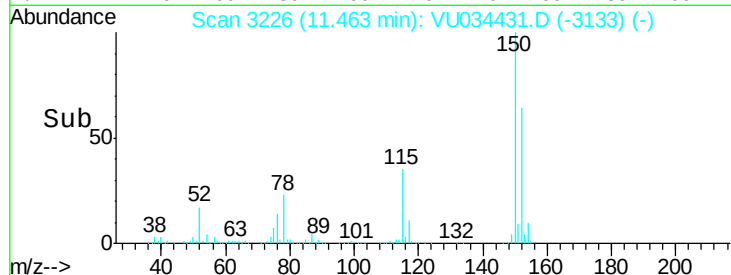
150 156.7 0.0 345.4



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



#84

1,2,4-Trimethylbenzene

Concen: 0.308 ug/l

RT: 11.13 min Scan# 3123

Delta R.T. 0.00 min

Lab File: VU034431.D

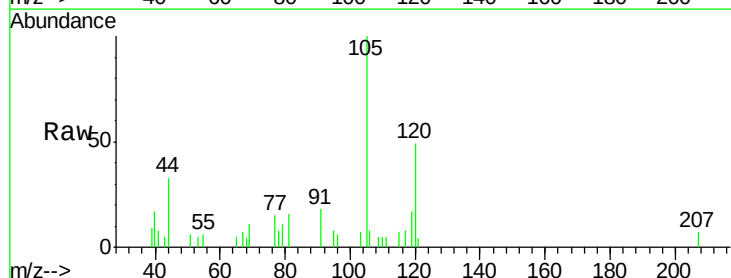
Acq: 09 Sep 2019 14:22

Tgt Ion:105 Resp: 3952

Ion Ratio Lower Upper

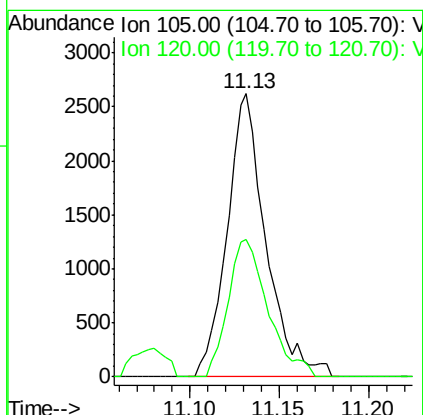
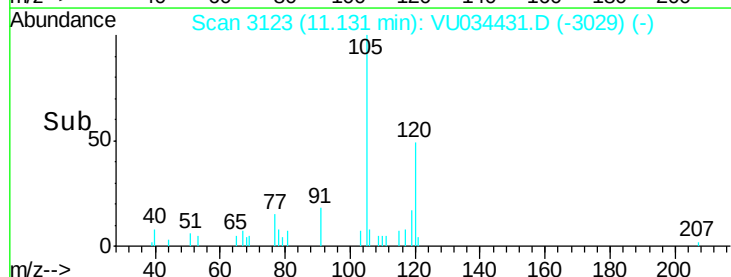
105 100

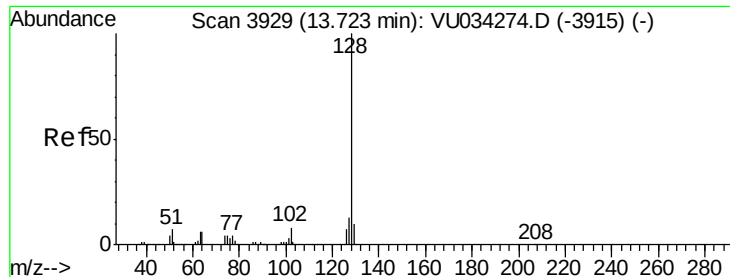
120 49.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 5.041 ug/l

RT: 13.73 min Scan# 3932

Delta R.T. 0.01 min

Lab File: VU034431.D

Acq: 09 Sep 2019 14:22

Instrument :

MSVOA_U

ClientSampleId :

S13-0271

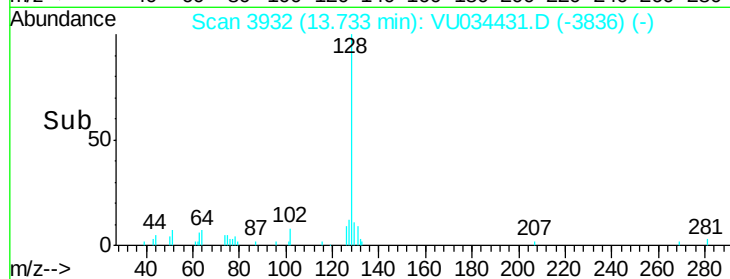
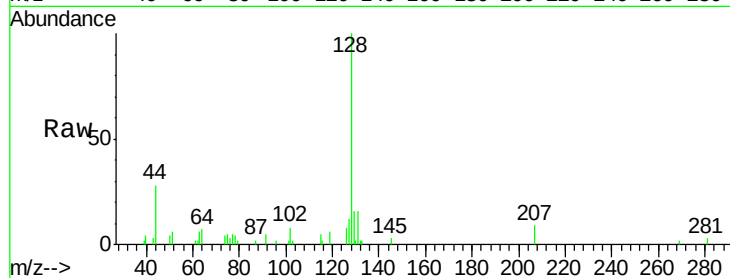
Tot Ion:128 Resp: 18201

Ion Ratio Lower Upper

128 100

127 10.9 10.6 15.8

129 8.8 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

