

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091219\
 Data File : VU034526.D
 Acq On : 12 Sep 2019 17:37
 Operator : JC/SP
 Sample : K4756-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW09S-M27W1-090319

Quant Time: Sep 13 07:59:27 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

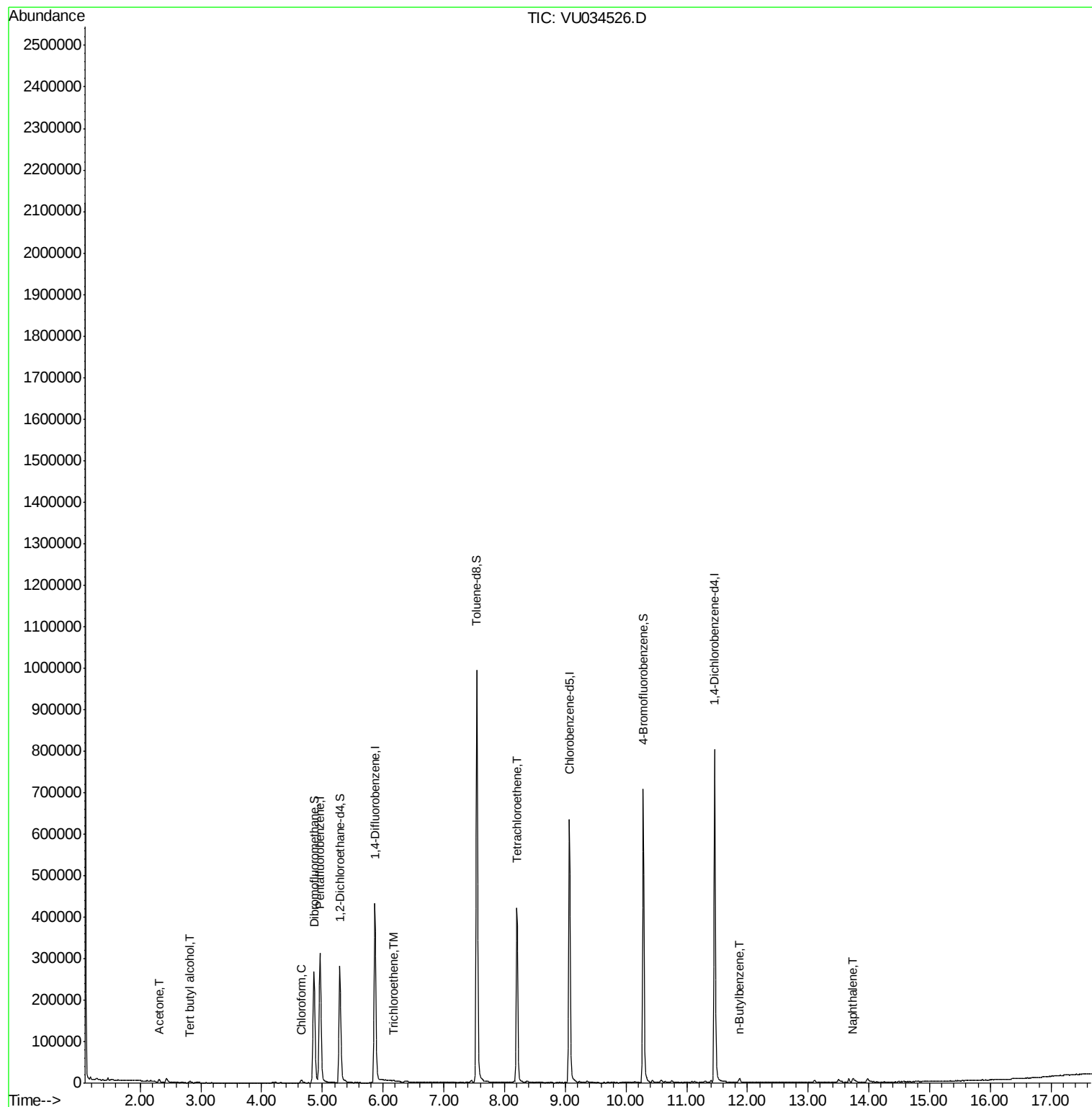
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	260172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	386839	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	395111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	230653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	222694	56.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.14%	
35) Dibromofluoromethane	4.86	113	192217	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
50) Toluene-d8	7.55	98	709642	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	10.29	95	242534	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.82	59	3060	3.679	ug/l #	90
16) Acetone	2.31	43	8843	4.341	ug/l	94
30) Chloroform	4.66	83	6305	0.984	ug/l	96
44) Trichloroethene	6.17	130	1136	0.303	ug/l	91
64) Tetrachloroethene	8.21	164	103222	30.113	ug/l	99
89) n-Butylbenzene	11.87	91	4132	0.347	ug/l	95
95) Naphthalene	13.74	128	15636	4.902	ug/l #	86

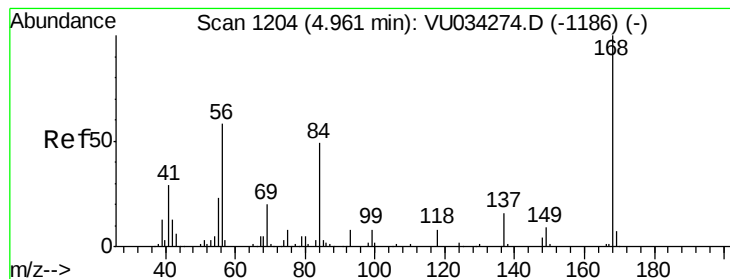
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034526.D

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MSVOA_U

ClientSampleId :

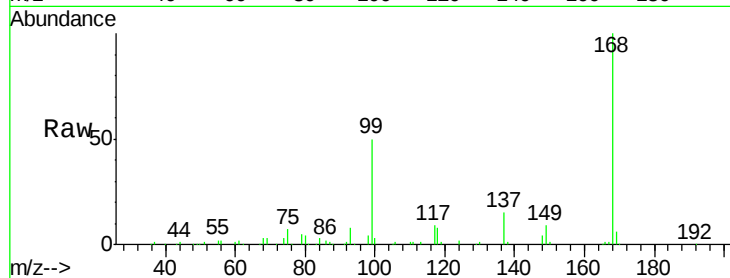
CPA-CPMW09S-M27W1-090319

Tot Ion:168 Resp: 260172

Ion Ratio Lower Upper

168 100

99 50.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034526.D

Ion 98.90 (98.60 to 99.60): VU034526.D

4.96

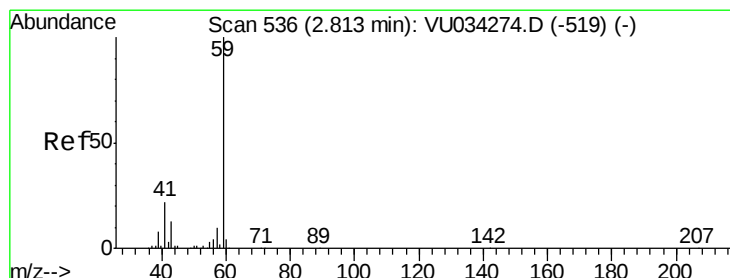
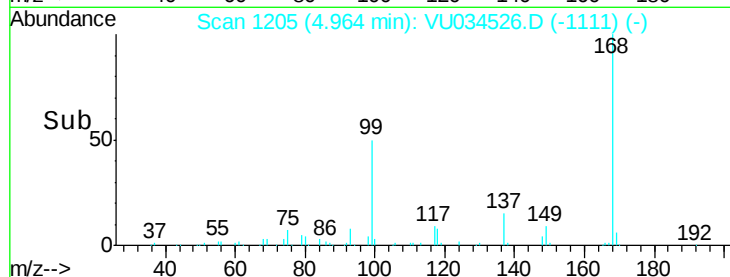
100000

50000

0

Time-->

4.90 5.00 5.10



#11

Tert butyl alcohol

Concen: 3.679 ug/l

RT: 2.82 min Scan# 537

Delta R.T. 0.00 min

Lab File: VU034526.D

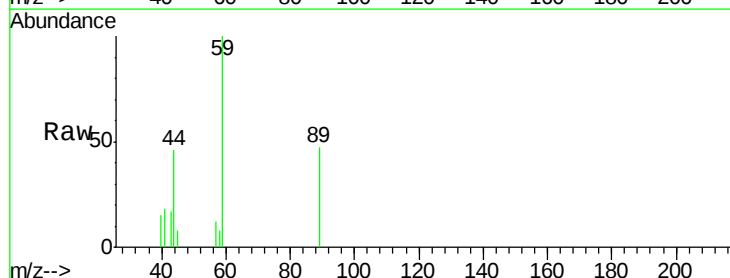
Acq: 12 Sep 2019 17:37

Tgt Ion: 59 Resp: 3060

Ion Ratio Lower Upper

59 100

57 6.1 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VU034526.D

Ion 57.00 (56.70 to 57.70): VU034526.D

2.82

1500

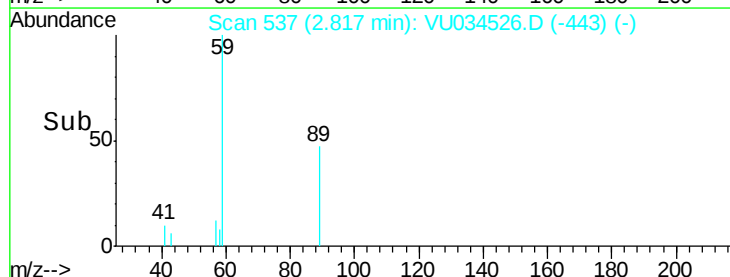
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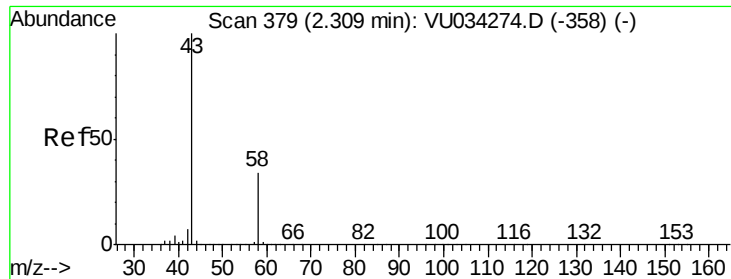
500

0

Time-->

2.75 2.80 2.85





#16

Acetone

Concen: 4.341 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

Instrument :

MSVOA_U

ClientSampleId :

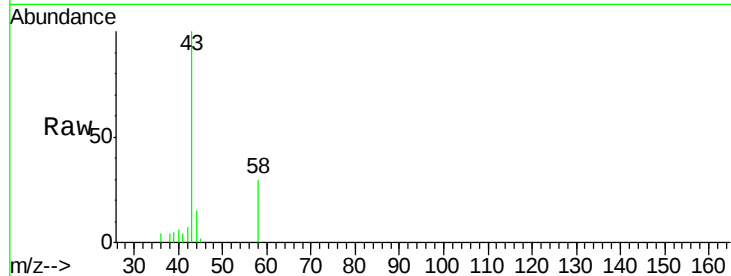
CPA-CPMW09S-M27W1-090319

Tot Ion: 43 Resp: 8843

Ion Ratio Lower Upper

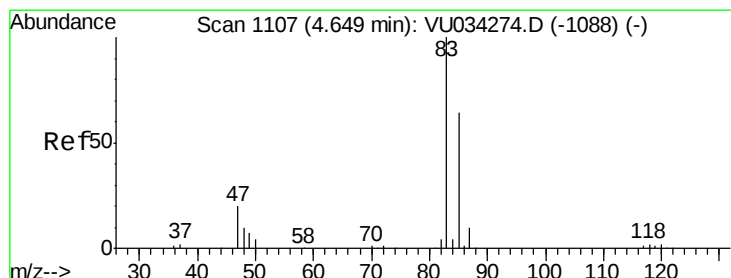
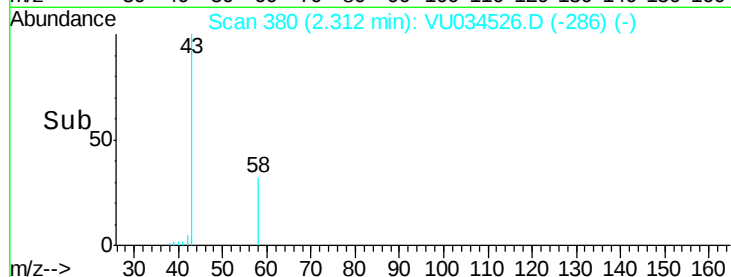
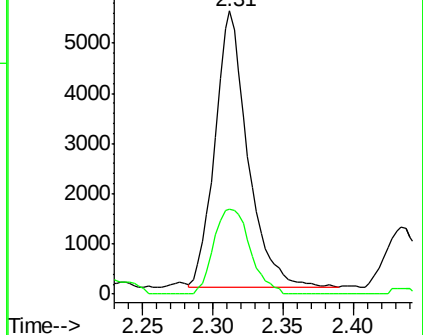
43 100

58 30.8 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034526.D (-380) (-)

Ion 58.00 (57.70 to 58.70): VU034526.D (-380) (-)



#30

Chloroform

Concen: 0.984 ug/l

RT: 4.66 min Scan# 1109

Delta R.T. 0.01 min

Lab File: VU034526.D

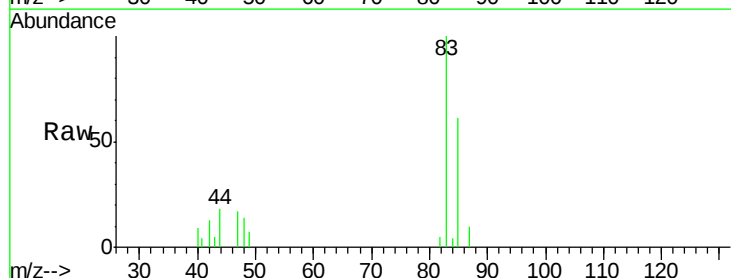
Acq: 12 Sep 2019 17:37

Tgt Ion: 83 Resp: 6305

Ion Ratio Lower Upper

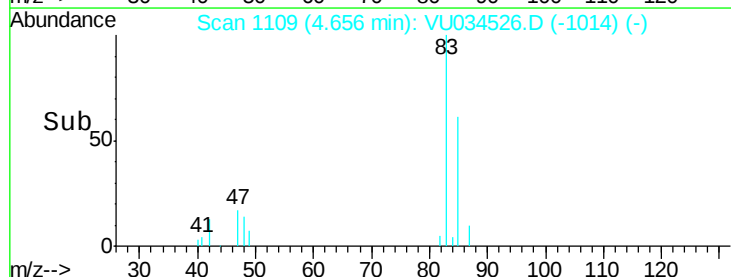
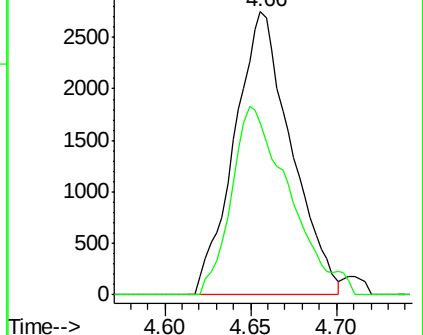
83 100

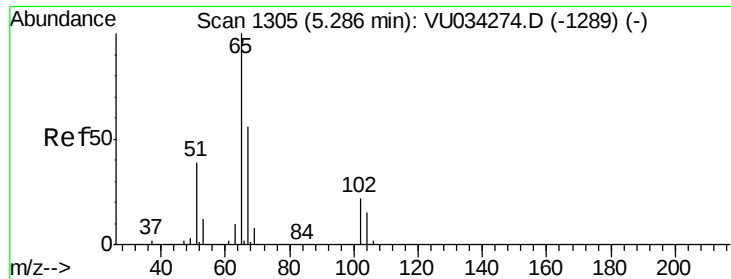
85 60.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU034526.D (-1109) (-)

Ion 84.90 (84.60 to 85.60): VU034526.D (-1109) (-)





#33

1,2-Dichloroethane-d4

Concen: 56.572 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034526.D

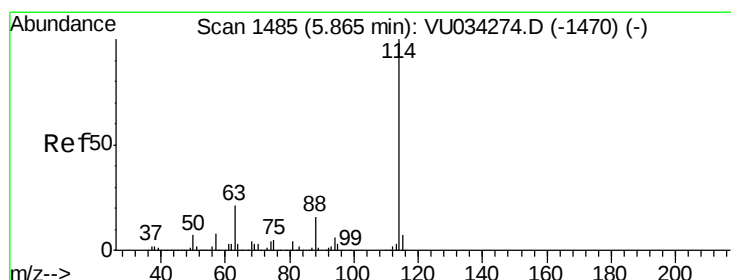
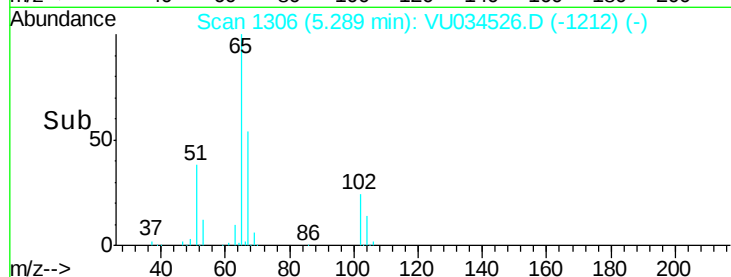
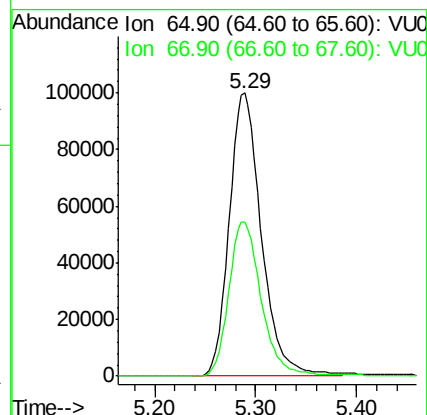
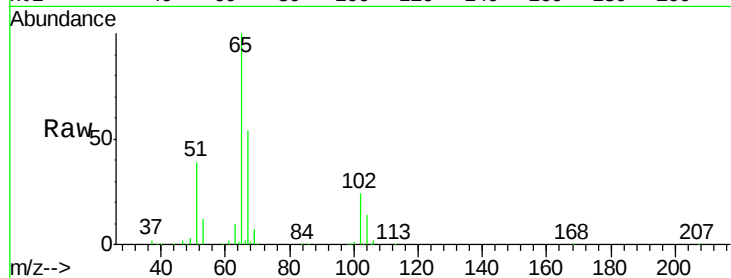
Acq: 12 Sep 2019 17:37

Instrument :
MSVOA_U

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CPA-CPMW09S-M27W1-090319

Tot Ion: 65 Resp: 222694

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

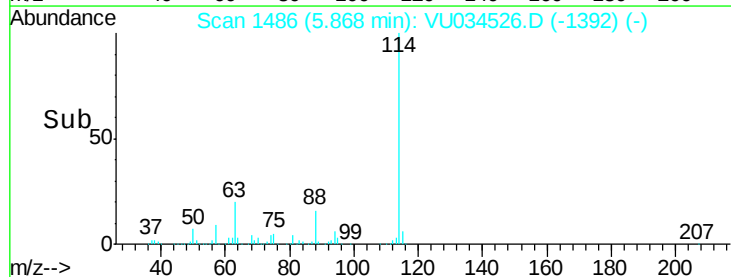
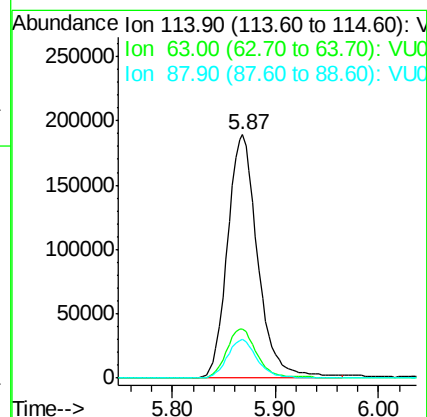
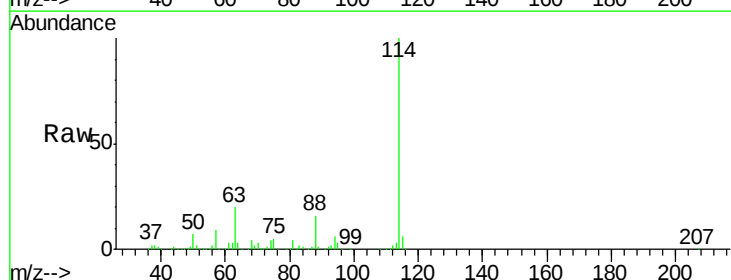
Delta R.T. 0.00 min

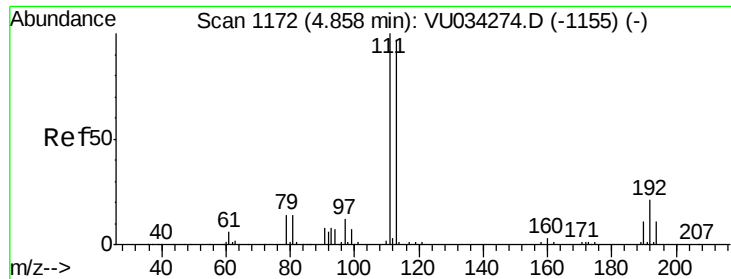
Lab File: VU034526.D

Acq: 12 Sep 2019 17:37

Tgt Ion: 114 Resp: 386839

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.4
88	15.7	0.0	32.4

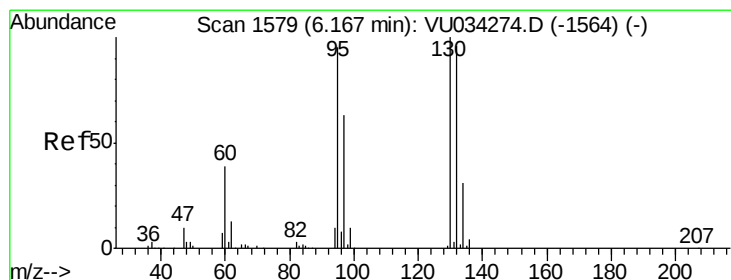
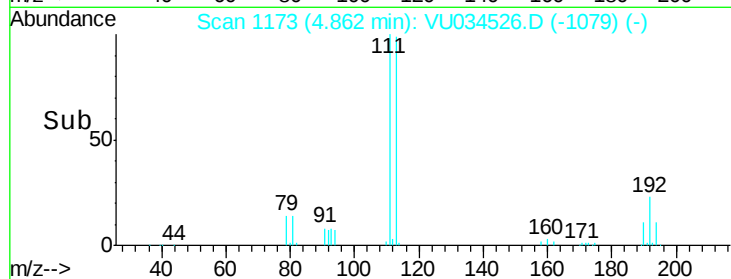
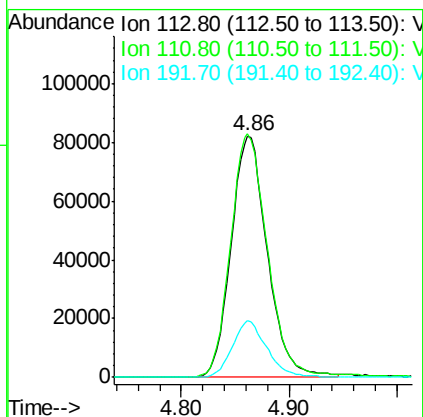
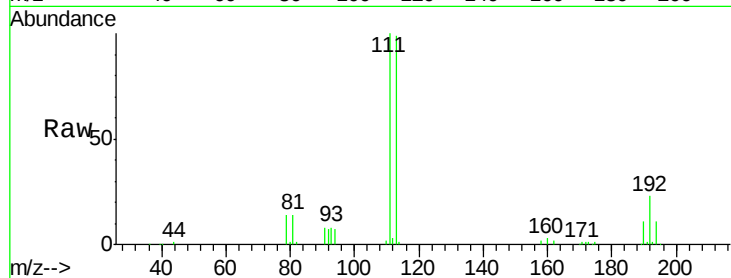




#35
 Dibromofluoromethane
 Concen: 53.400 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034526.D
 Acq: 12 Sep 2019 17:37

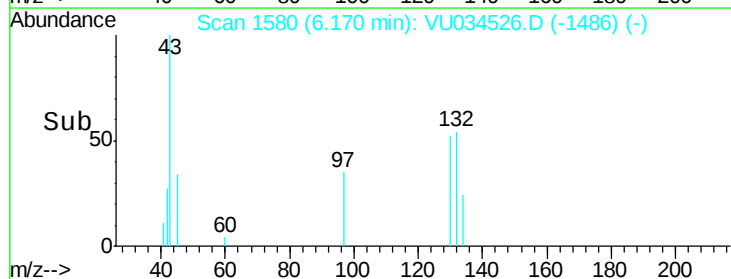
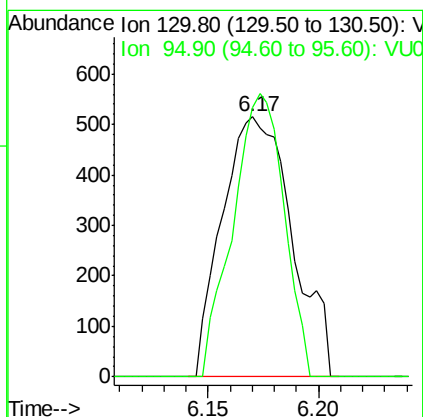
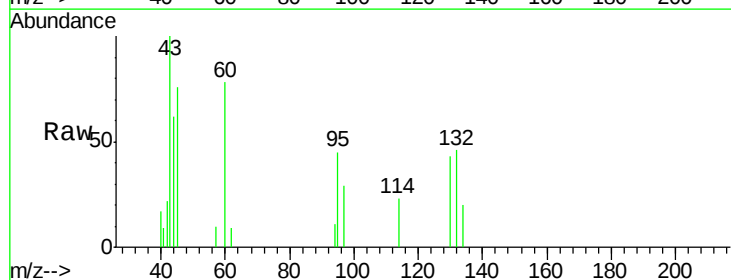
Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW09S-M27W1-090319

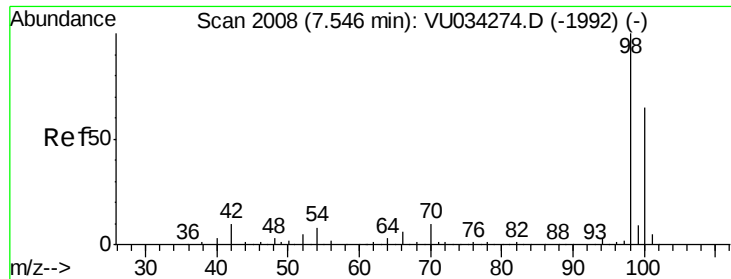
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.5	122.3
192	22.6	17.8	26.8



#44
 Trichloroethene
 Concen: 0.303 ug/l
 RT: 6.17 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: VU034526.D
 Acq: 12 Sep 2019 17:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.5	0.0	189.2

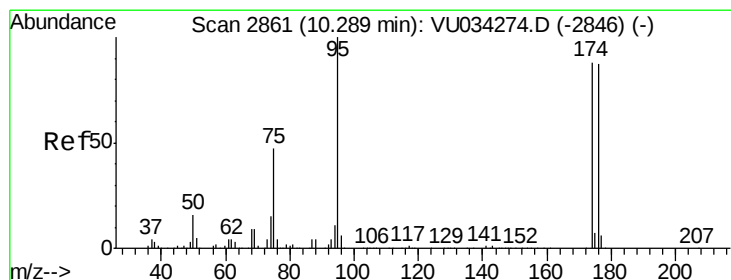
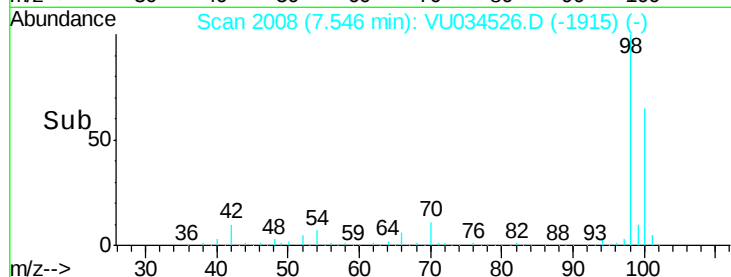
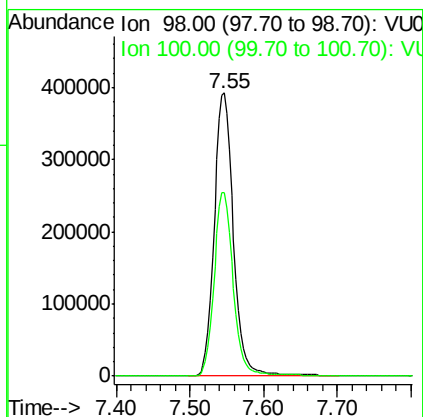
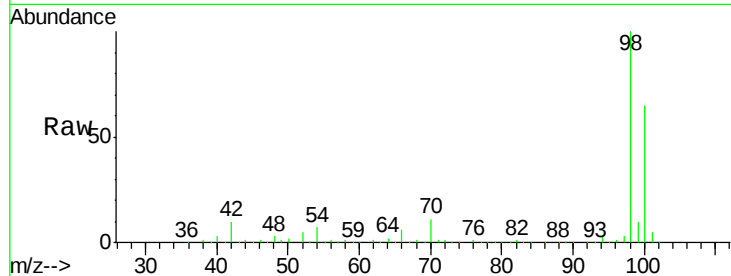




#50
Toluene-d8
Concen: 52.474 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034526.D
Acq: 12 Sep 2019 17:37

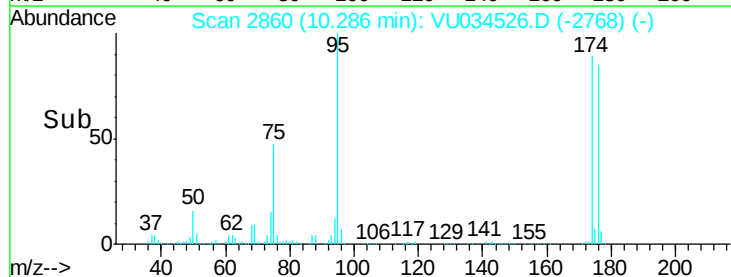
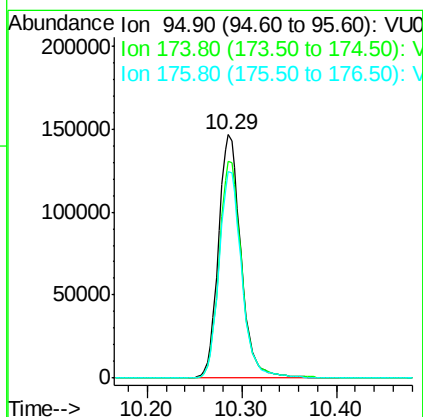
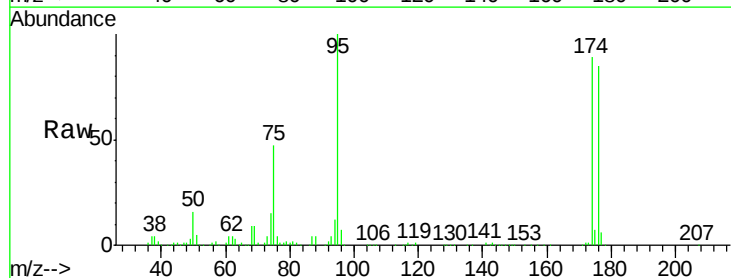
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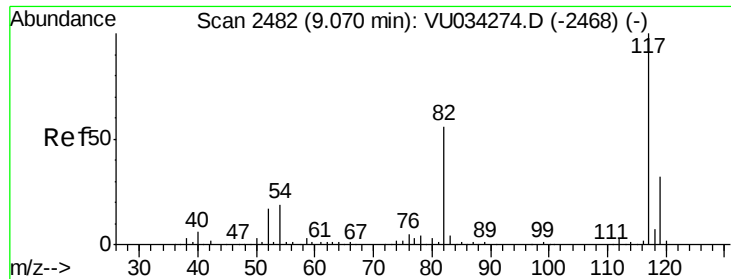
Tot Ion: 98 Resp: 709642
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.450 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034526.D
Acq: 12 Sep 2019 17:37

Tgt Ion: 95 Resp: 242534
Ion Ratio Lower Upper
95 100
174 89.4 0.0 175.2
176 85.2 0.0 168.0

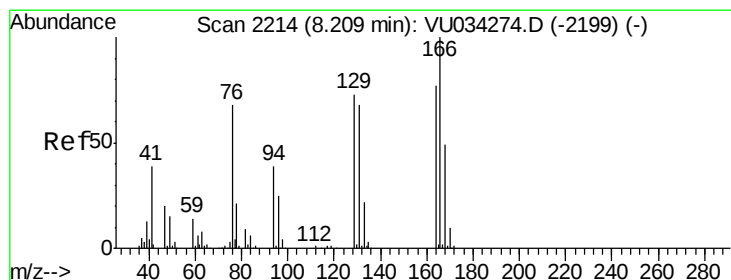
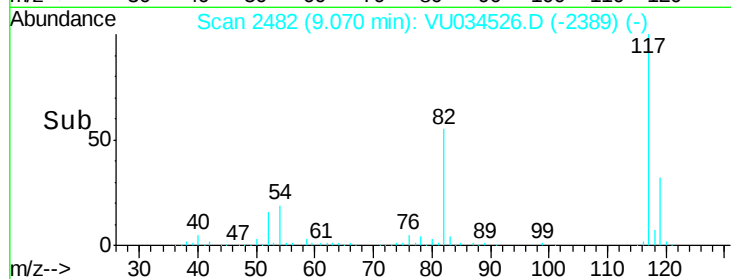
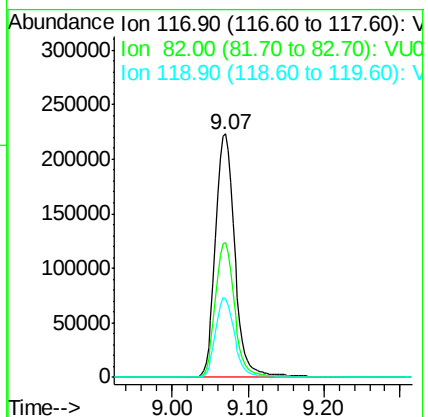
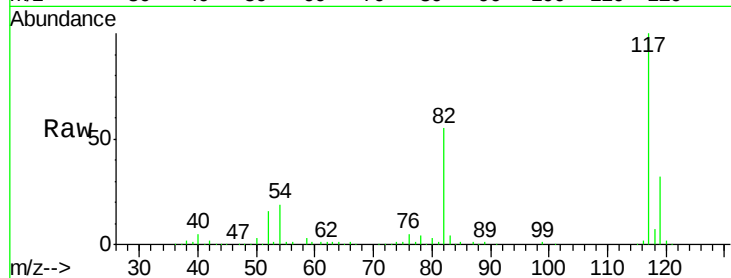




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034526.D
Acq: 12 Sep 2019 17:37

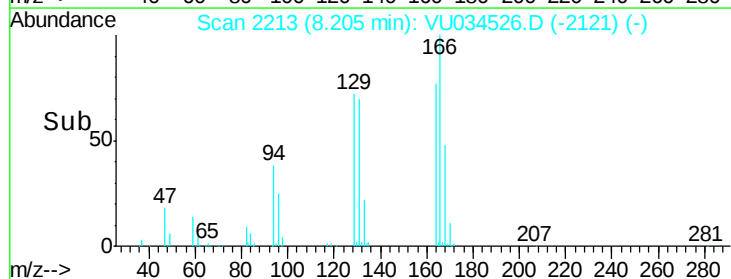
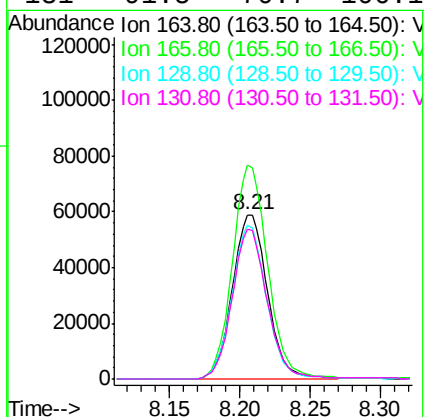
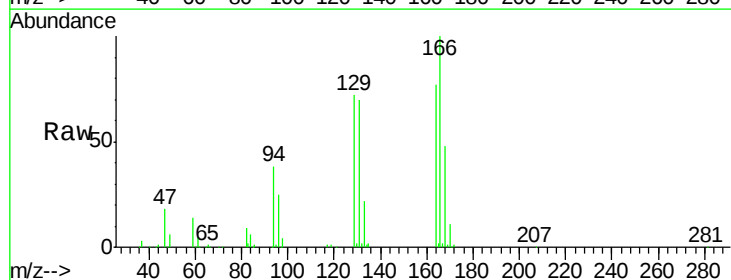
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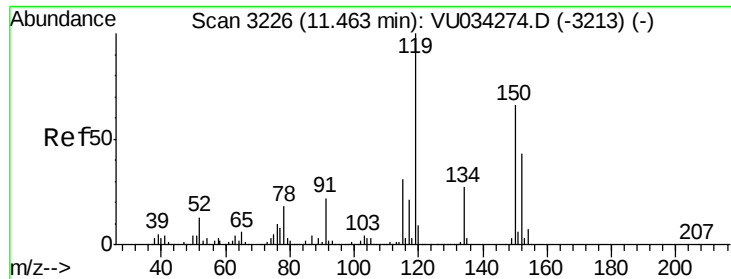
Tot Ion:117 Resp: 395111
Ion Ratio Lower Upper
117 100
82 55.1 44.6 67.0
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 30.113 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034526.D
Acq: 12 Sep 2019 17:37

Tgt Ion:164 Resp: 103222
Ion Ratio Lower Upper
164 100
166 130.1 103.7 155.5
129 93.8 75.8 113.8
131 91.5 70.7 106.1

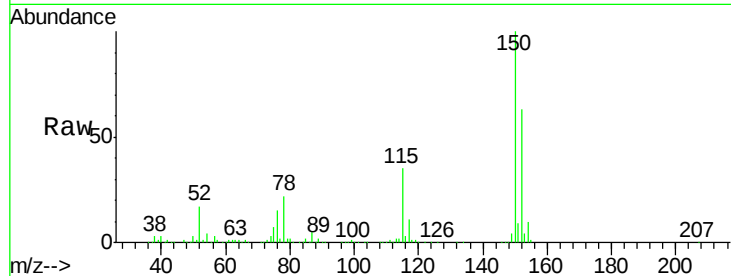




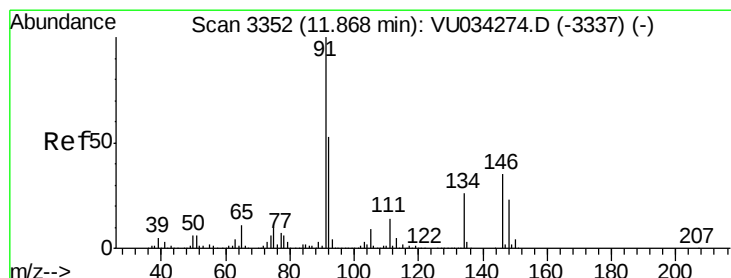
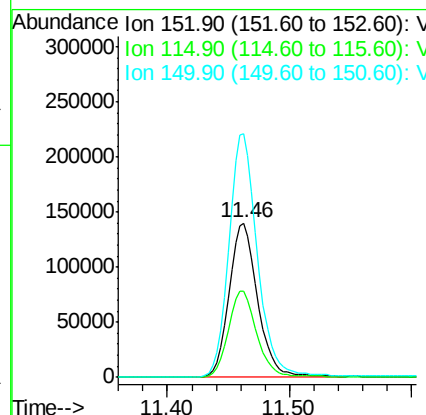
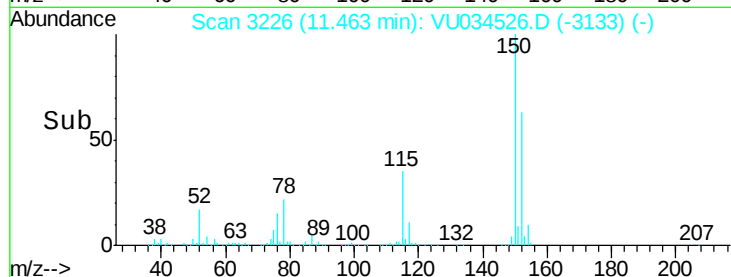
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.46 min Scan# 3226
 Delta R.T. -0.00 min
 Lab File: VU034526.D
 Acq: 12 Sep 2019 17:37

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW09S-M27W1-090319

Tot Ion:152 Resp: 230653
 Ion Ratio Lower Upper
 152 100
 115 56.3 39.1 117.3
 150 158.8 0.0 345.4

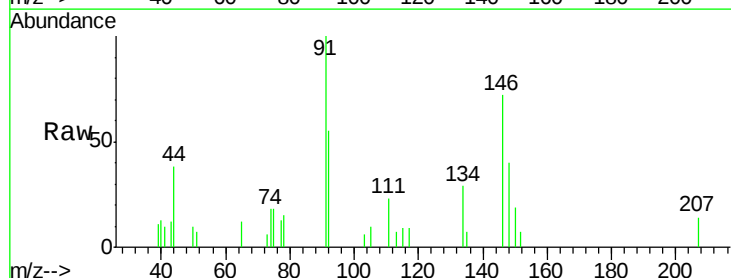


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

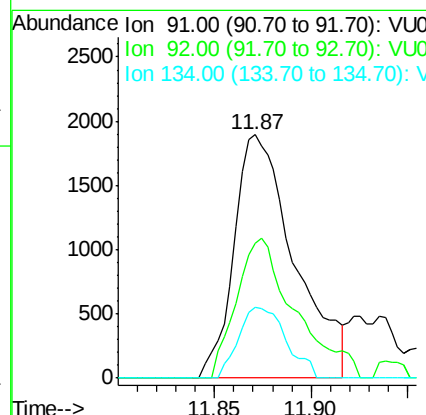
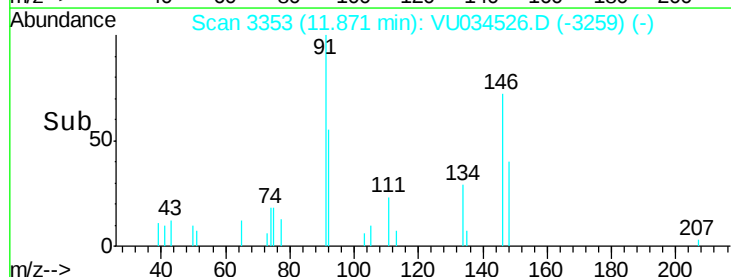


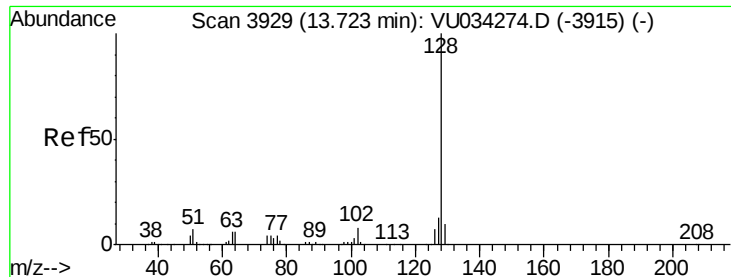
#89
 n-Butylbenzene
 Concen: 0.347 ug/l
 RT: 11.87 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VU034526.D
 Acq: 12 Sep 2019 17:37

Tgt Ion: 91 Resp: 4132
 Ion Ratio Lower Upper
 91 100
 92 55.7 26.5 79.4
 134 22.8 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VU
 Ion 92.00 (91.70 to 92.70): VU
 Ion 134.00 (133.70 to 134.70): V





#95

Naphthalene

Concen: 4.902 ug/l

RT: 13.74 min Scan# 3934

Delta R.T. 0.02 min

Lab File: VU034526.D

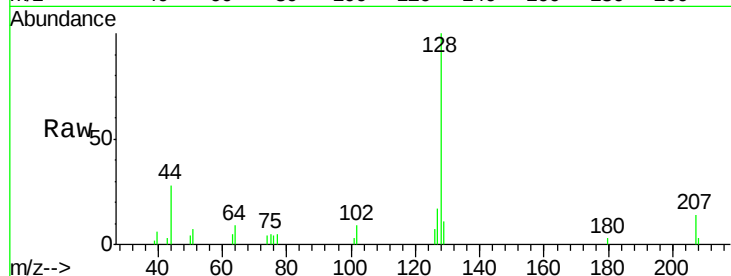
Acq: 12 Sep 2019 17:37

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW09S-M27W1-090319



Tot Ion:128 Resp: 15636

Ion Ratio Lower Upper

128 100

127 6.4 10.6 15.8#

129 6.2 8.4 12.6#

