

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
 Data File : VU034483.D
 Acq On : 11 Sep 2019 18:42
 Operator : JC/SP
 Sample : PB122980TB
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB122980TB

Quant Time: Sep 13 06:00:10 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	236587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	382841	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	387215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	211541	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	223677	62.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.98%	
35) Dibromofluoromethane	4.86	113	191630	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
50) Toluene-d8	7.54	98	703359	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
62) 4-Bromofluorobenzene	10.29	95	233020	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	

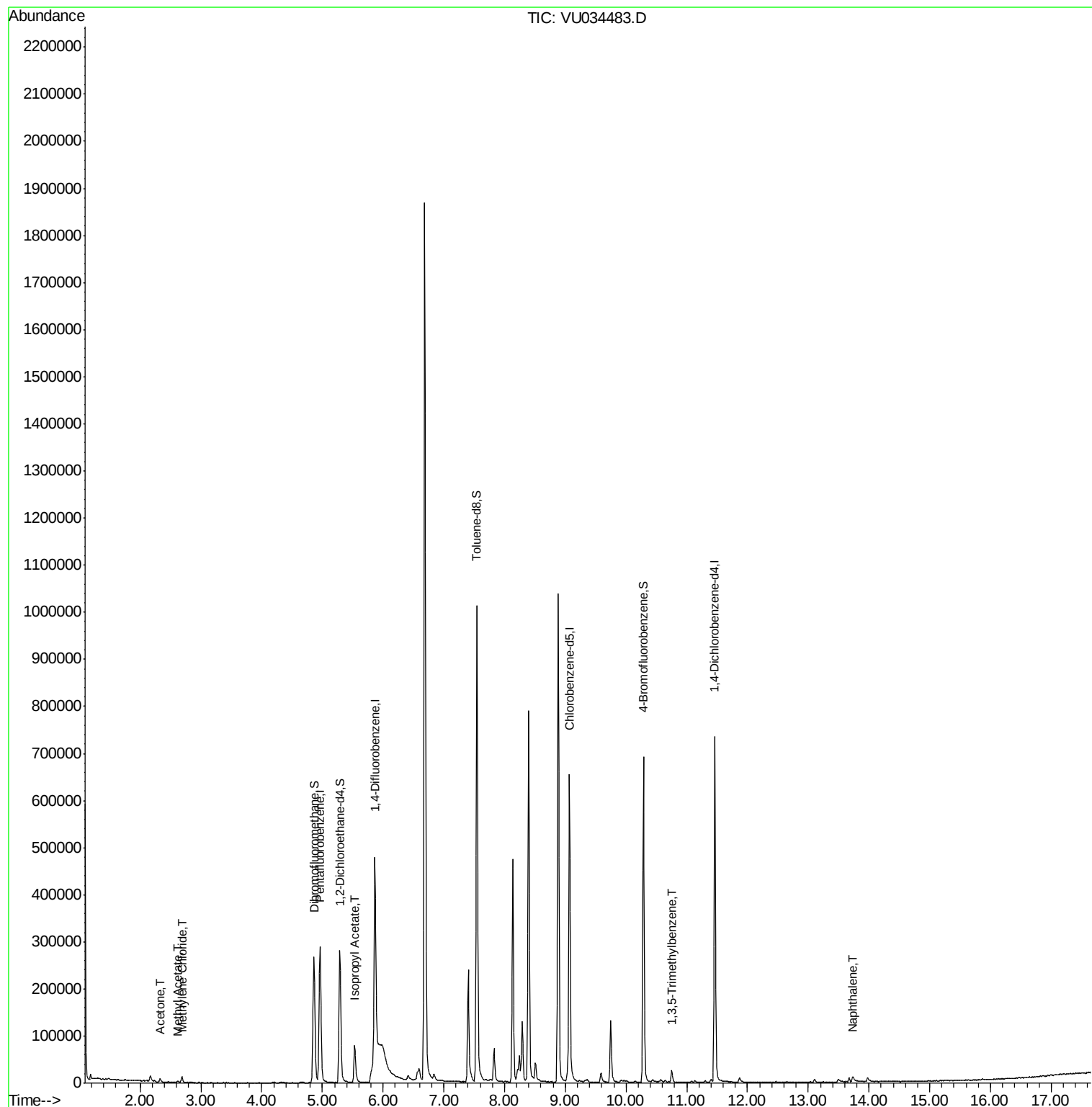
Target Compounds						Qvalue
16) Acetone	2.33	43	11409	6.159	ug/l	95
18) Methyl Acetate	2.61	43	4885	1.084	ug/l	92
20) Methylene Chloride	2.69	84	5403	1.392	ug/l	93
43) Isopropyl Acetate	5.53	43	93754	12.243	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	13056	1.134	ug/l	94
95) Naphthalene	13.73	128	15123m	4.953	ug/l	

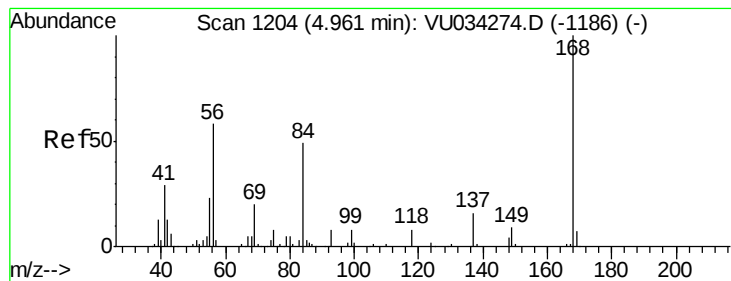
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034483.D

Acq: 11 Sep 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

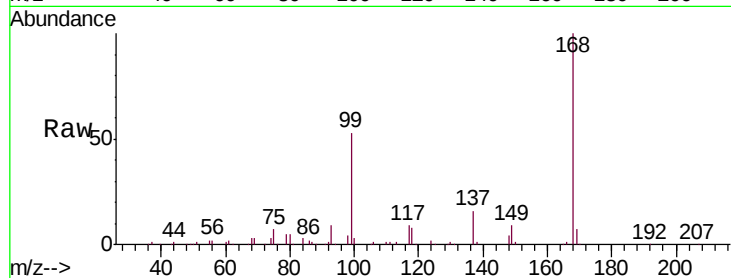
PB122980TB

Tgt Ion:168 Resp: 236587

Ion Ratio Lower Upper

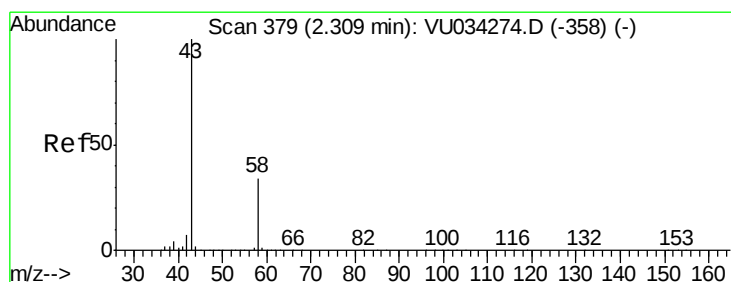
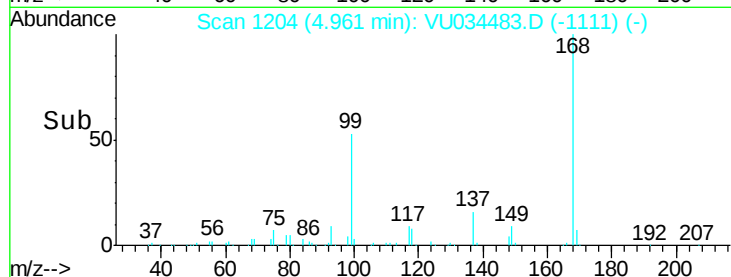
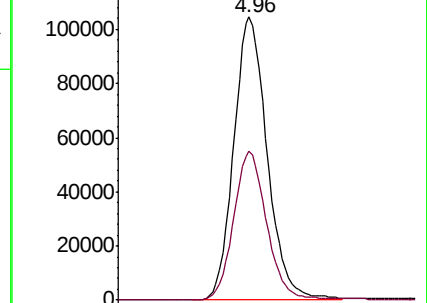
168 100

99 52.6 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) (-)



#16

Acetone

Concen: 6.159 ug/l

RT: 2.33 min Scan# 385

Delta R.T. 0.02 min

Lab File: VU034483.D

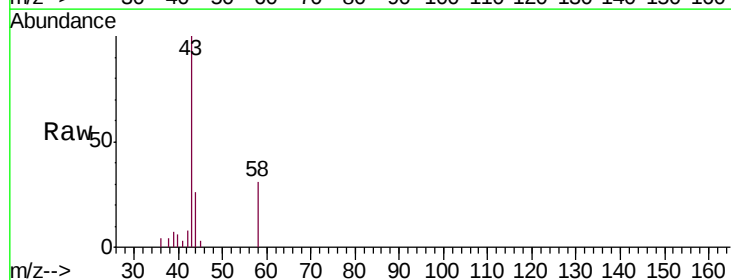
Acq: 11 Sep 2019 18:42

Tgt Ion: 43 Resp: 11409

Ion Ratio Lower Upper

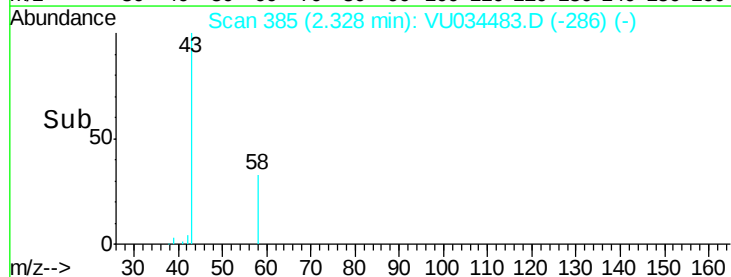
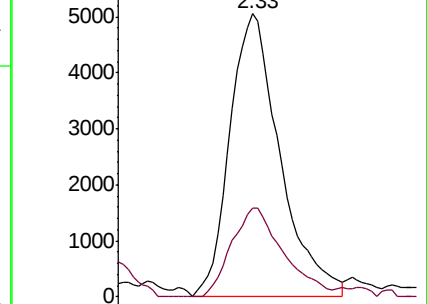
43 100

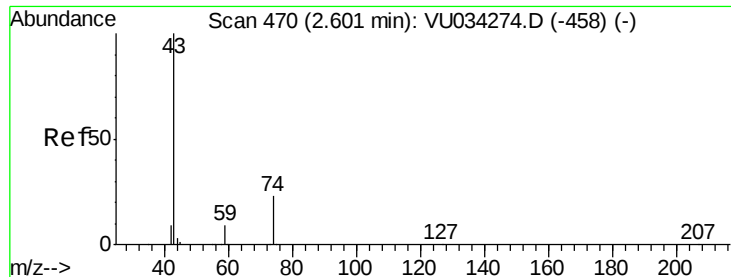
58 31.5 27.6 41.4



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

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

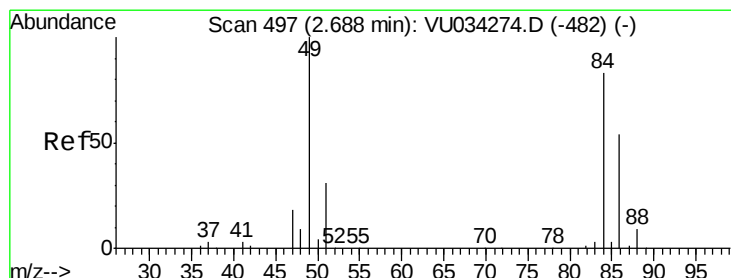
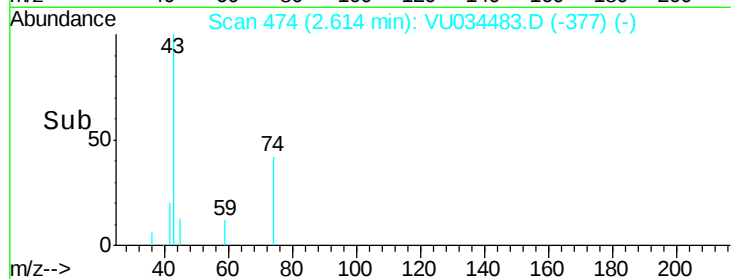
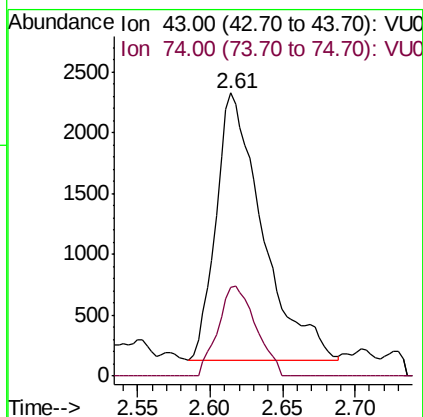
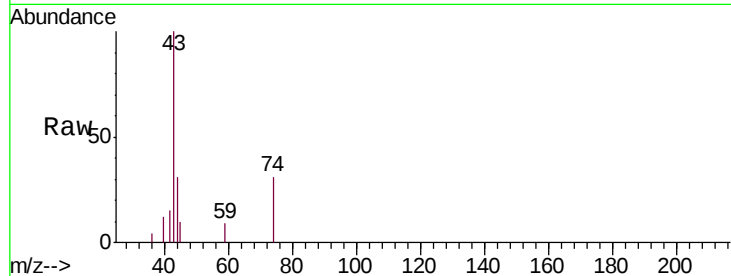




#18
Methyl Acetate
Concen: 1.084 ug/l
RT: 2.61 min Scan# 474
Delta R.T. 0.01 min
Lab File: VU034483.D
Acq: 11 Sep 2019 18:42

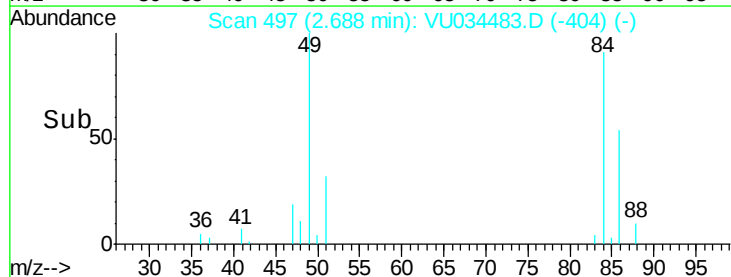
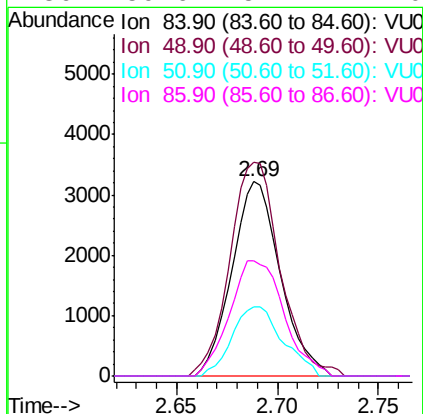
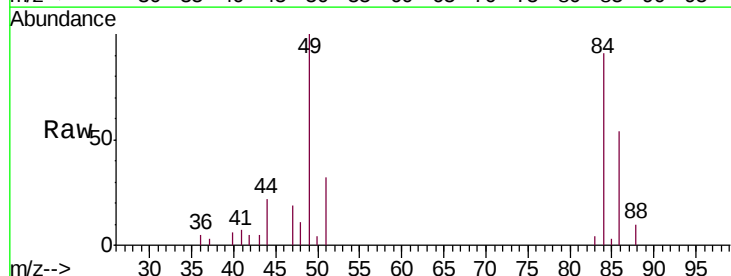
Instrument :
MSVOA_U
ClientSampleId :
PB122980TB

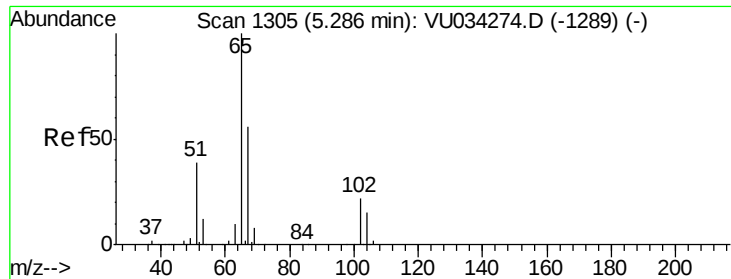
Tgt Ion: 43 Resp: 4885
Ion Ratio Lower Upper
43 100
74 27.3 18.9 28.3



#20
Methylene Chloride
Concen: 1.392 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034483.D
Acq: 11 Sep 2019 18:42

Tgt Ion: 84 Resp: 5403
Ion Ratio Lower Upper
84 100
49 109.9 96.0 144.0
51 35.3 30.0 45.0
86 59.6 51.4 77.0

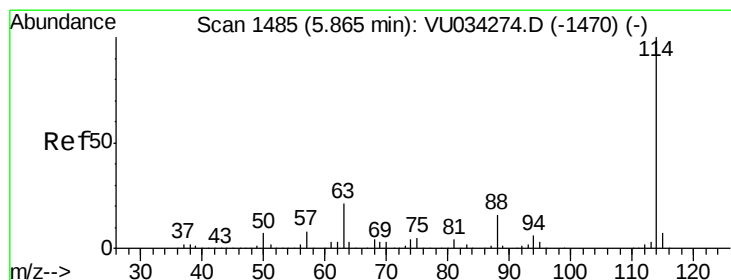
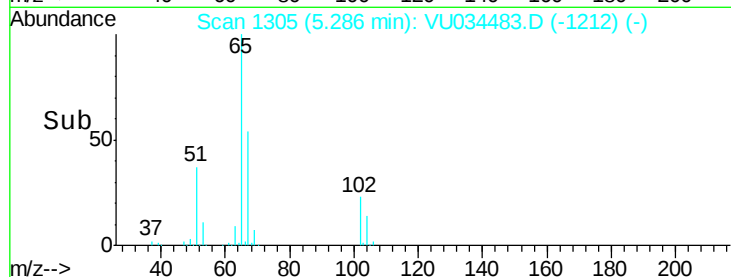
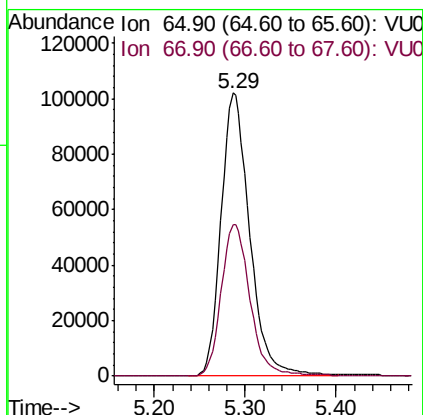
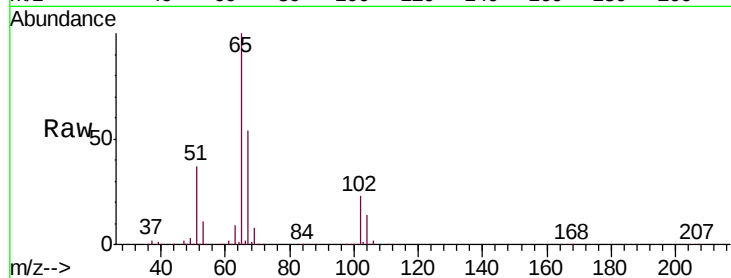




#33
 1,2-Dichloroethane-d4
 Concen: 62.486 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034483.D
 Acq: 11 Sep 2019 18:42

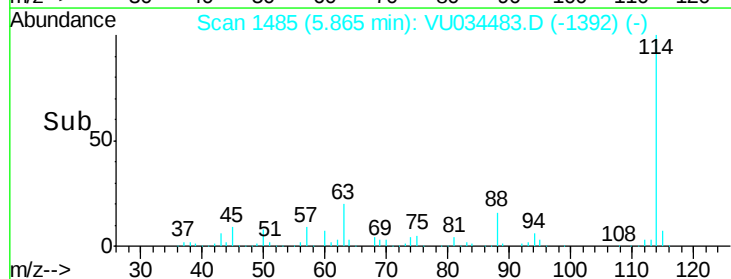
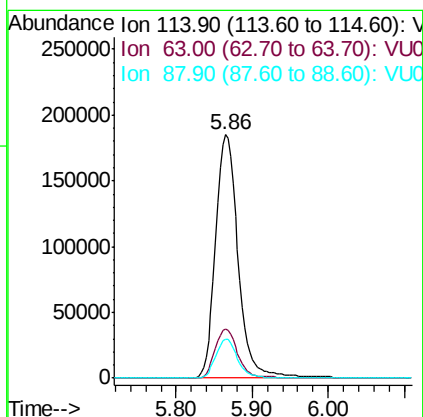
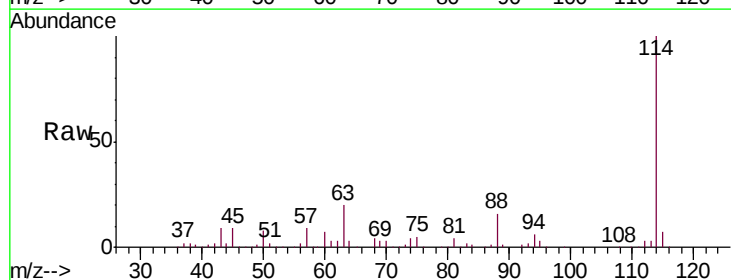
Instrument :
 MSVOA_U
 ClientSampleId :
 PB122980TB

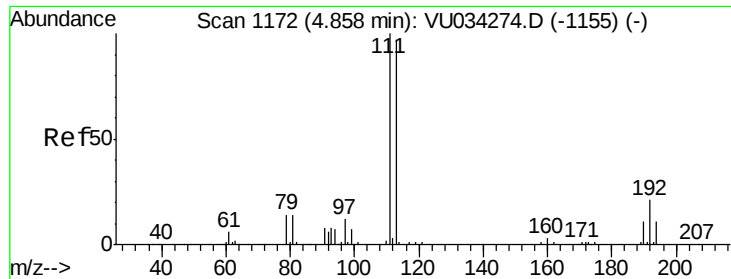
Tgt Ion: 65 Resp: 223677
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034483.D
 Acq: 11 Sep 2019 18:42

Tgt Ion: 114 Resp: 382841
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.4
 88 16.1 0.0 32.4

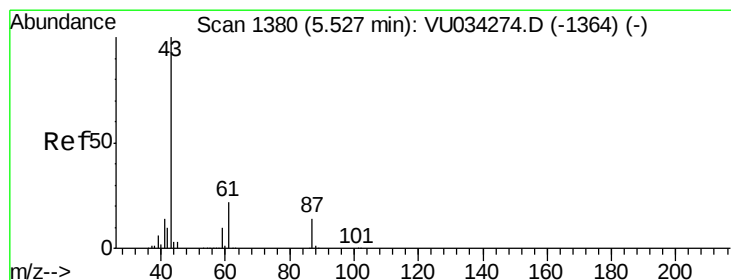
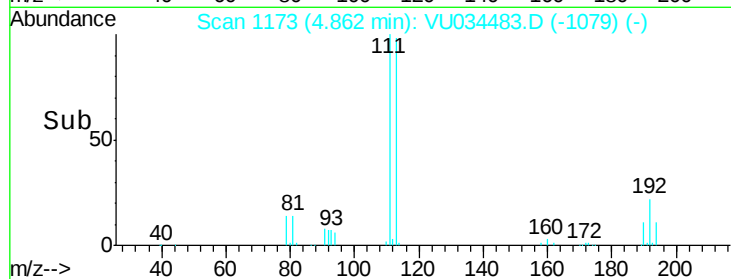
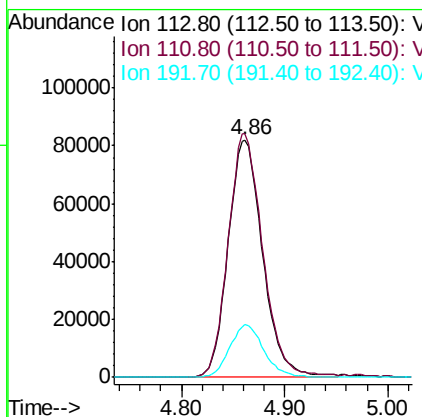
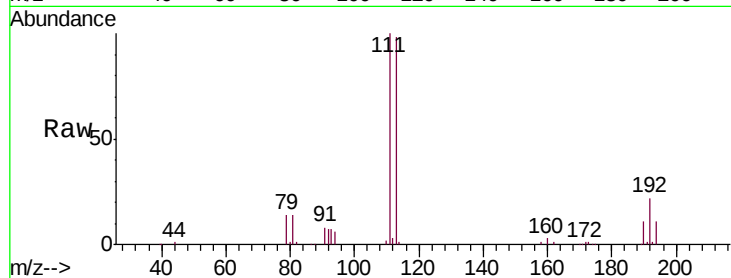




#35
 Dibromofluoromethane
 Concen: 53.793 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034483.D
 Acq: 11 Sep 2019 18:42

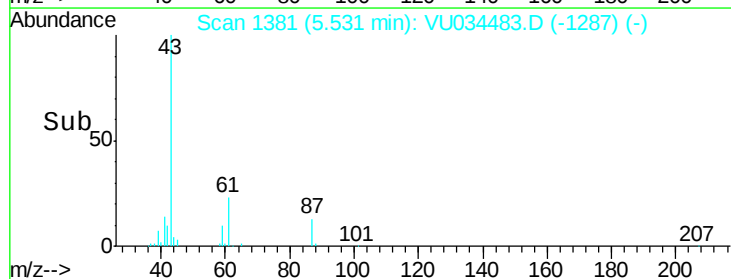
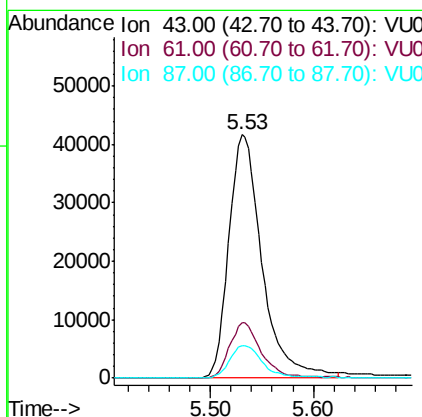
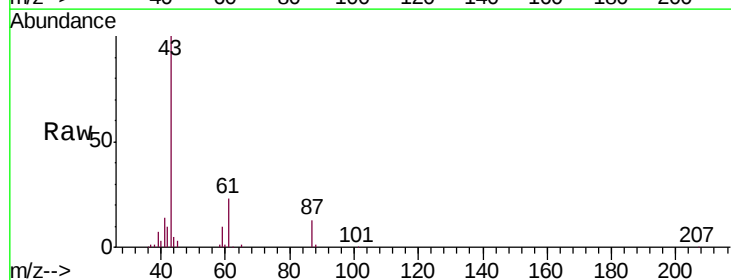
Instrument :
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 ClientSampleId :
 PB122980TB

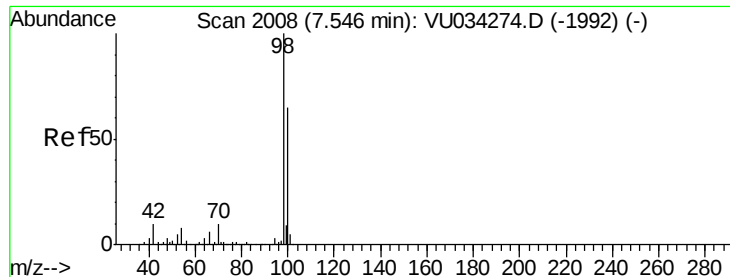
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.5	122.3
192	21.9	17.8	26.8



#43
 Isopropyl Acetate
 Concen: 12.243 ug/l
 RT: 5.53 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VU034483.D
 Acq: 11 Sep 2019 18:42

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.1	25.7
87	13.2	11.1	16.7

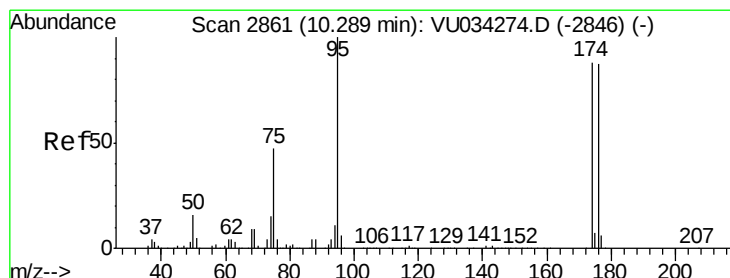
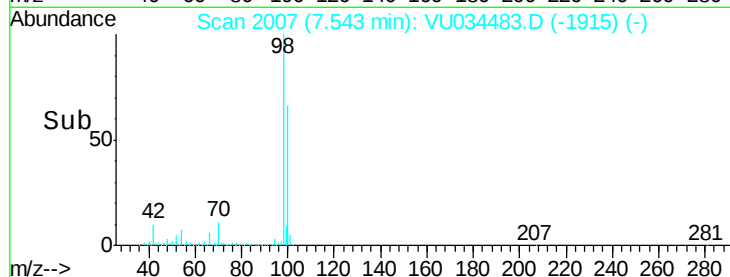
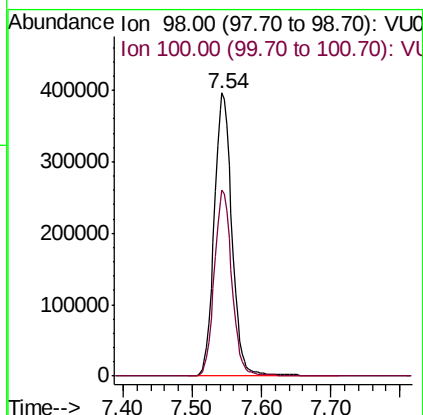
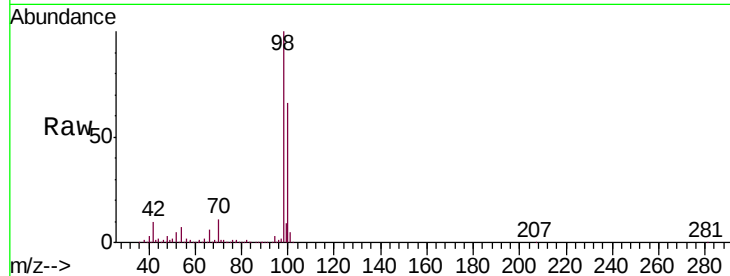




#50
Toluene-d8
Concen: 52.553 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VU034483.D
Acq: 11 Sep 2019 18:42

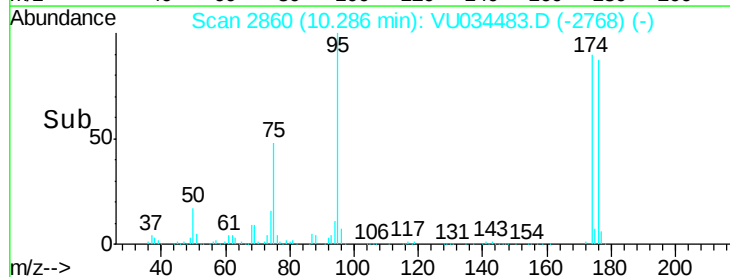
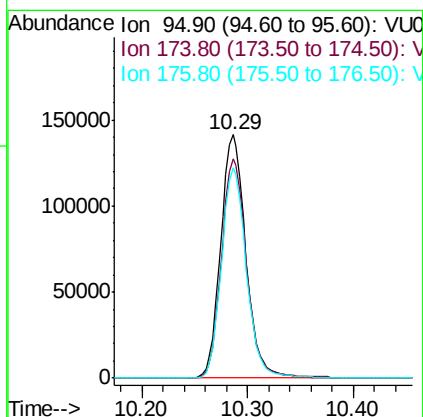
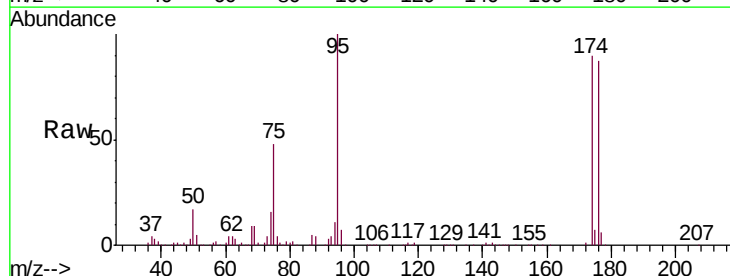
Instrument :
MSVOA_U
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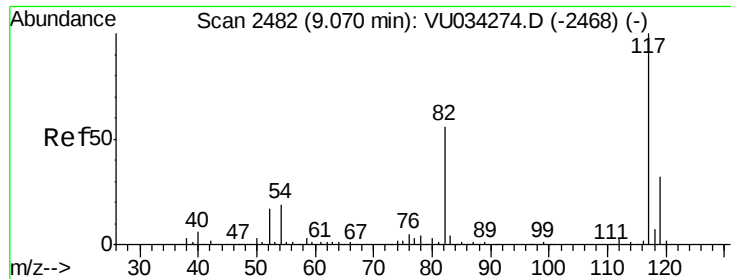
Tgt Ion: 98 Resp: 703359
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.094 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034483.D
Acq: 11 Sep 2019 18:42

Tgt Ion: 95 Resp: 233020
Ion Ratio Lower Upper
95 100
174 90.8 0.0 175.2
176 86.1 0.0 168.0

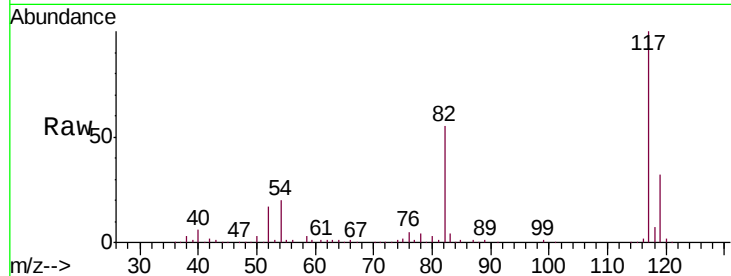




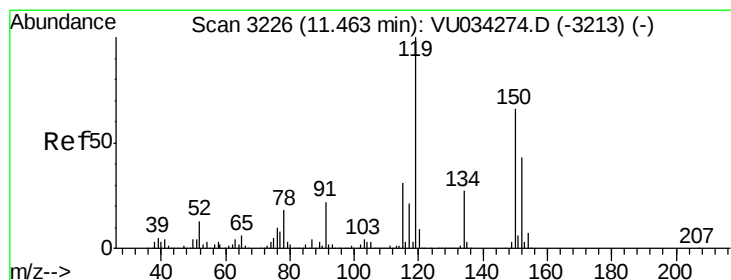
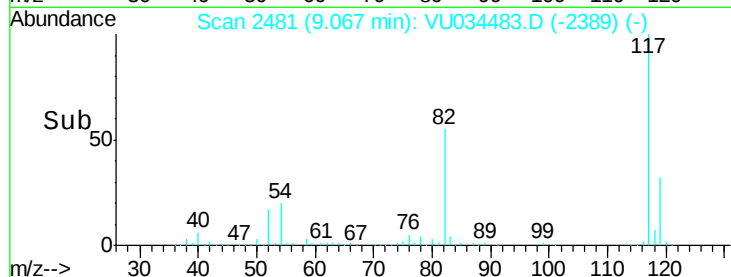
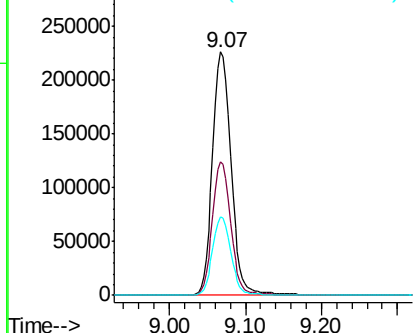
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034483.D
Acq: 11 Sep 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
PB122980TB

Tgt Ion:117 Resp: 387215
Ion Ratio Lower Upper
117 100
82 55.0 44.6 67.0
119 32.0 25.9 38.9

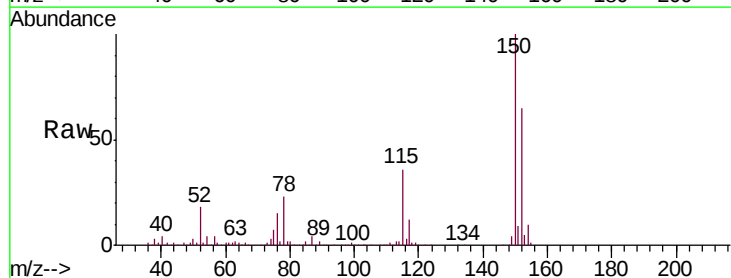


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU034483.D (-2389) (-)
Ion 118.90 (118.60 to 119.60): V

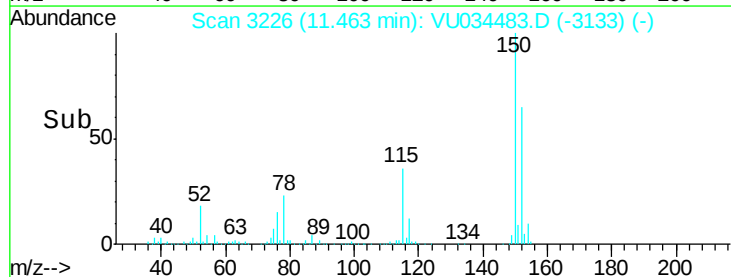
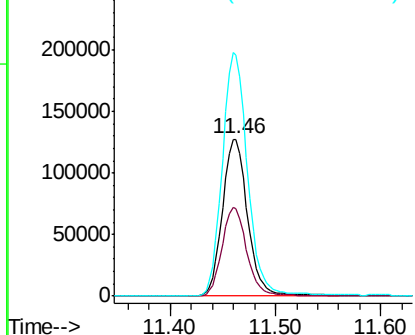


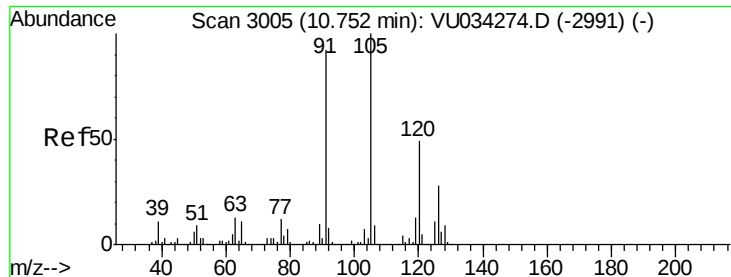
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034483.D
Acq: 11 Sep 2019 18:42

Tgt Ion:152 Resp: 211541
Ion Ratio Lower Upper
152 100
115 55.5 39.1 117.3
150 156.2 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): VU034483.D (-3133) (-)
Ion 149.90 (149.60 to 150.60): V

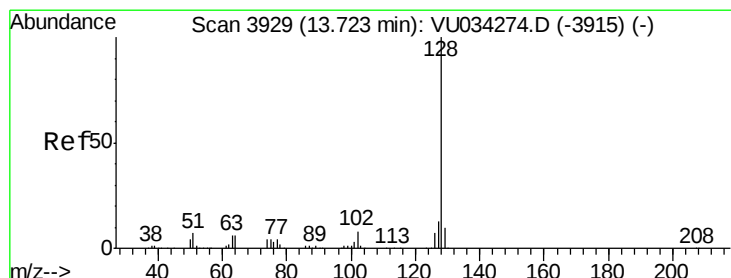
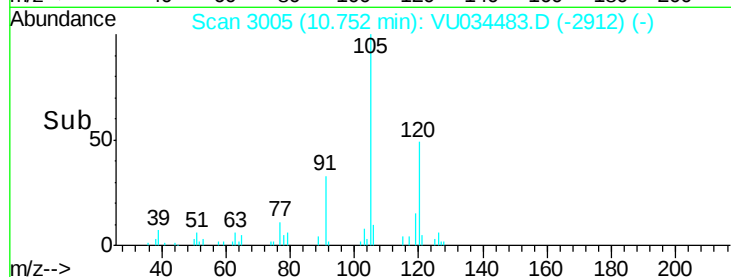
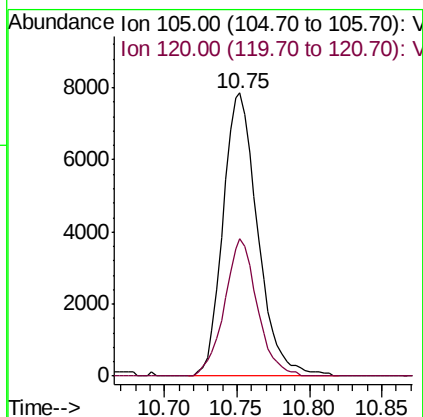
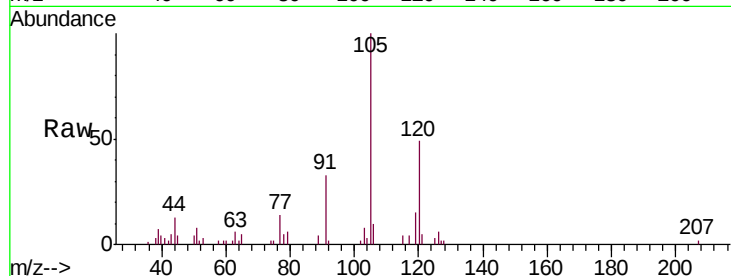




#80
 1,3,5-Trimethylbenzene
 Concen: 1.134 ug/l
 RT: 10.75 min Scan# 3005
 Delta R.T. 0.00 min
 Lab File: VU034483.D
 Acq: 11 Sep 2019 18:42

Instrument :
 MSVOA_U
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 PB122980TB

Tgt Ion:105 Resp: 13056
 Ion Ratio Lower Upper
 105 100
 120 45.5 24.9 74.7



#95
 Naphthalene
 Concen: 4.953 ug/l m
 RT: 13.73 min Scan# 3932
 Delta R.T. 0.01 min
 Lab File: VU034483.D
 Acq: 11 Sep 2019 18:42

Tgt Ion:128 Resp: 15123
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 15.8#
 129 0.0 8.4 12.6#

