

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112818\
 Data File : VU028361.D
 Acq On : 28 Nov 2018 13:18
 Operator : MD/SY
 Sample : J6081-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-TB-2018-3

Quant Time: Nov 29 06:15:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	242108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	451548	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	414235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	162269	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	213121	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
35) Dibromofluoromethane	4.88	113	151126	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	7.56	98	594913	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	10.31	95	201858	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	

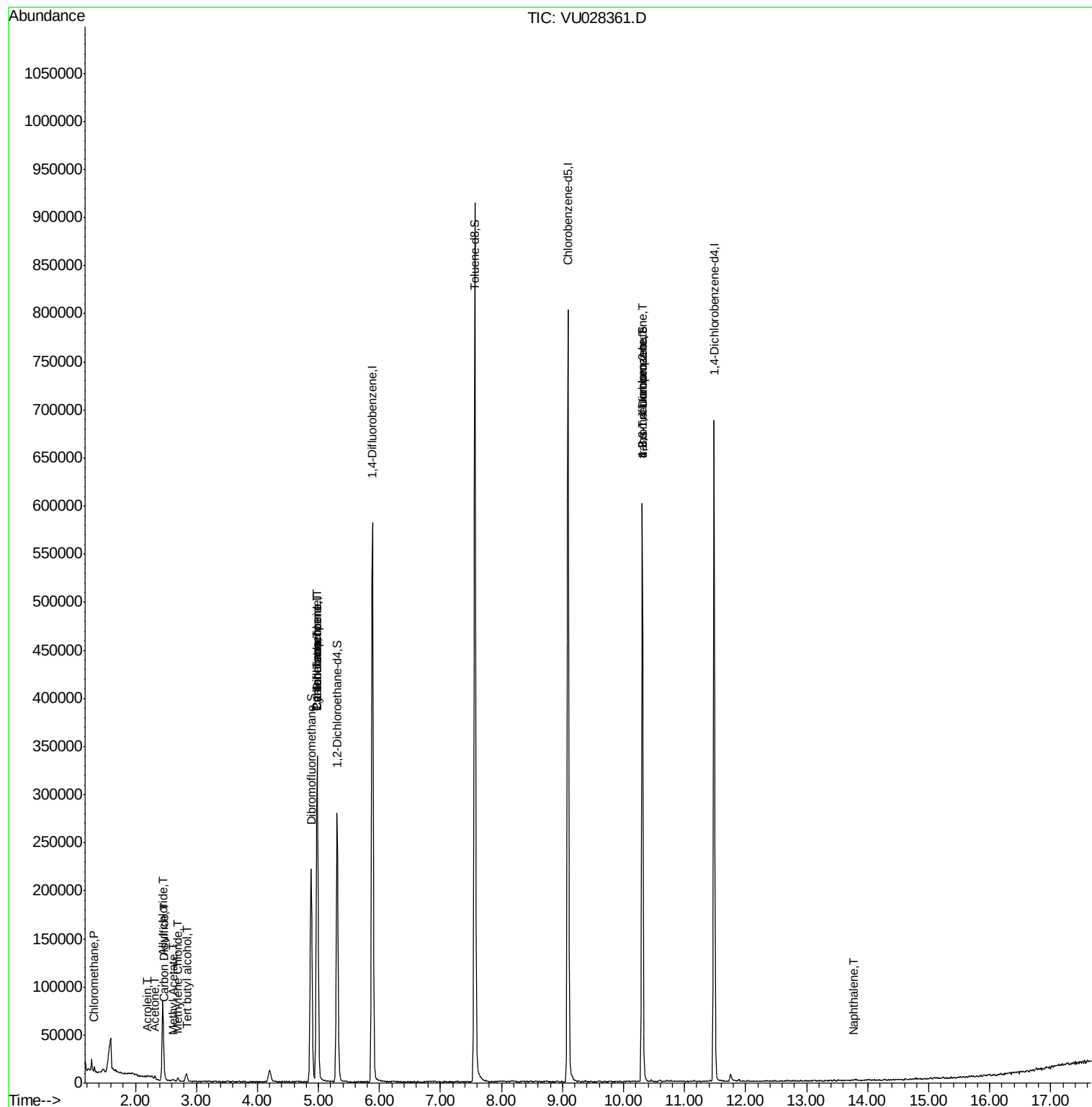
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	3713	0.590	ug/l	99
11) Tert butyl alcohol	2.84	59	5695	6.195	ug/l #	73
13) Acrolein	2.20	56	279	0.341	ug/l #	60
14) Allyl chloride	2.45	41	8779	1.299	ug/l #	67
16) Acetone	2.32	43	3907	1.578	ug/l #	81
17) Carbon Disulfide	2.48	76	3248	0.327	ug/l #	74
18) Methyl Acetate	2.62	43	2085	0.303	ug/l #	73
20) Methylene Chloride	2.70	84	1206	0.272	ug/l #	92
31) Cyclohexane	4.97	56	6436	0.574	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	22441	4.542	ug/l #	50
38) Carbon Tetrachloride	4.98	117	24315	5.992	ug/l #	16
76) 1,2,3-Trichloropropane	10.31	75	108297	24.067	ug/l #	33
81) trans-1,4-Dichloro-2-buten	10.31	75	108297	63.885	ug/l #	100
95) Naphthalene	13.76	128	1285	2.924	ug/l #	77

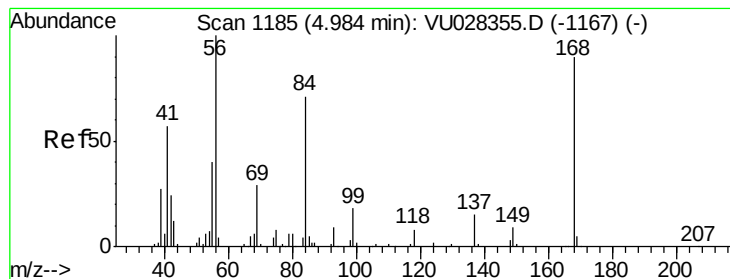
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 29 01:04:49 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU028361.D

Acq: 28 Nov 2018 13:18

Instrument :

MSVOA_U

ClientSampleId :

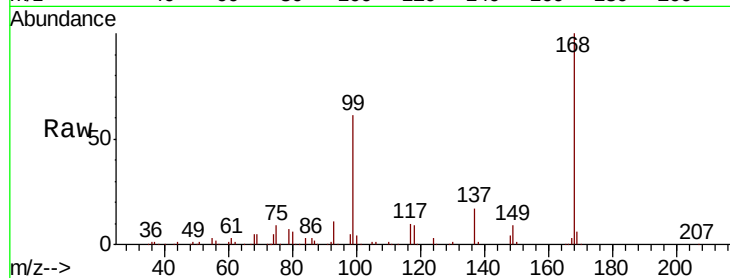
S32-TB-2018-3

Tot Ion:168 Resp: 242108

Ion Ratio Lower Upper

168 100

99 61.0 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

120000

100000

80000

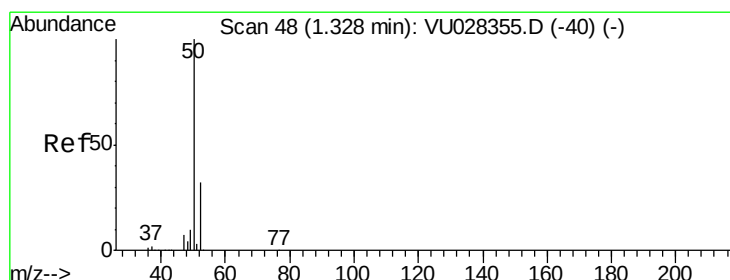
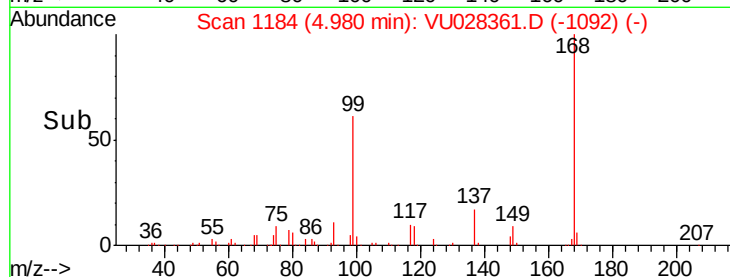
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.590 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028361.D

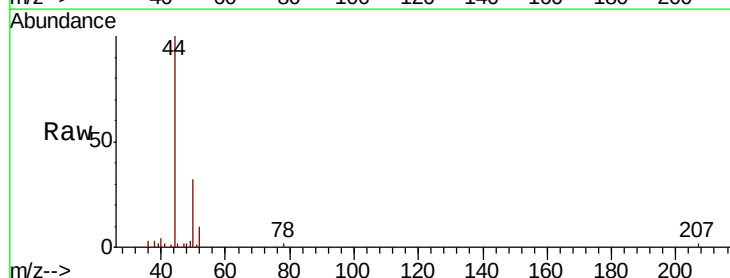
Acq: 28 Nov 2018 13:18

Tgt Ion: 50 Resp: 3713

Ion Ratio Lower Upper

50 100

52 32.6 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VU028355.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028355.D (-40) (-)

1.33

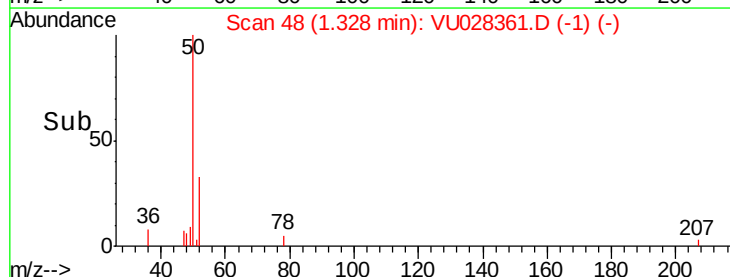
3000

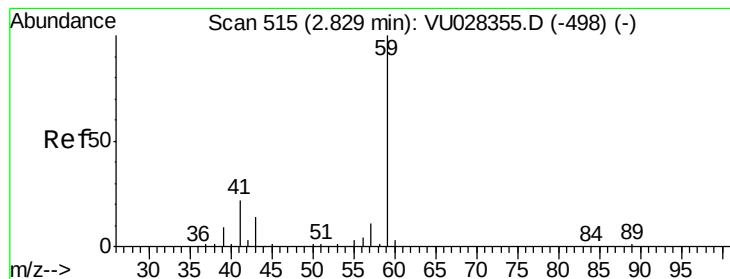
2000

1000

0

Time-->



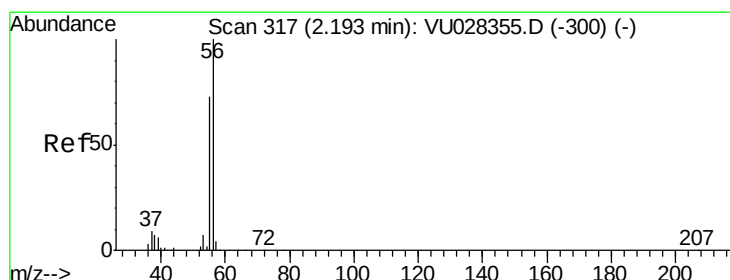
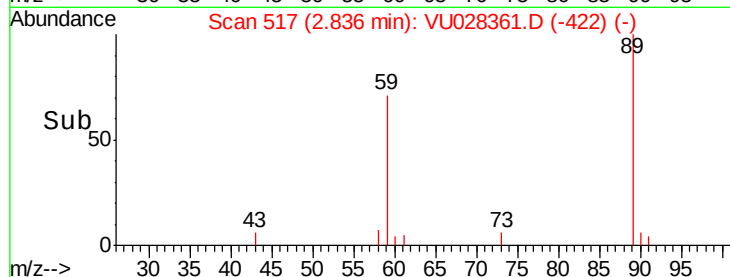
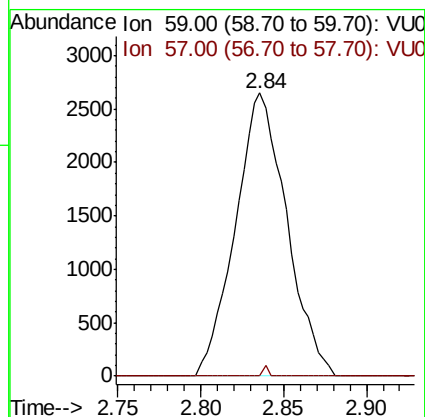
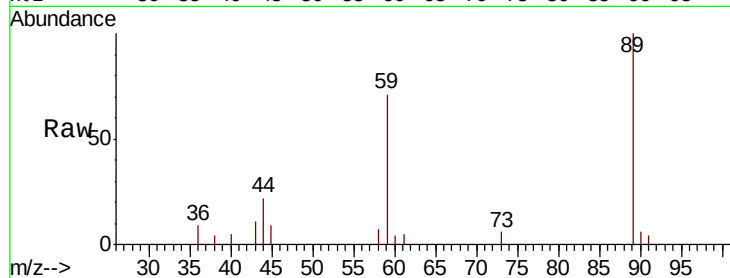


#11

Tert butyl alcohol
 Concen: 6.195 ug/l
 RT: 2.84 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VU028361.D
 Acq: 28 Nov 2018 13:18

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-TB-2018-3

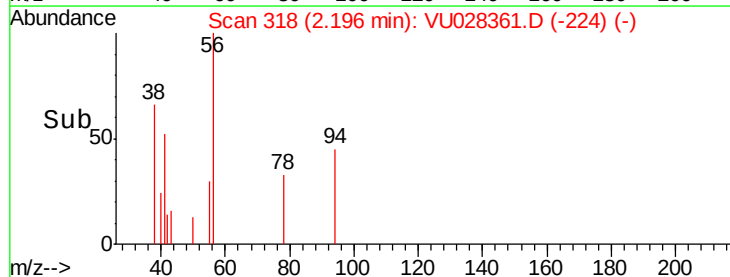
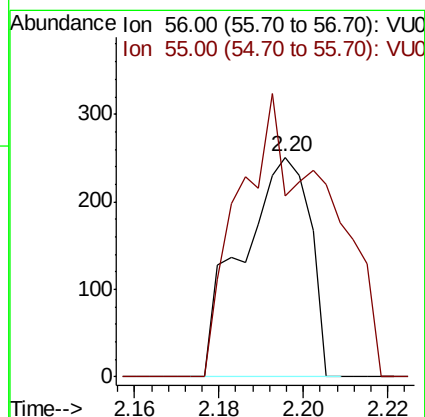
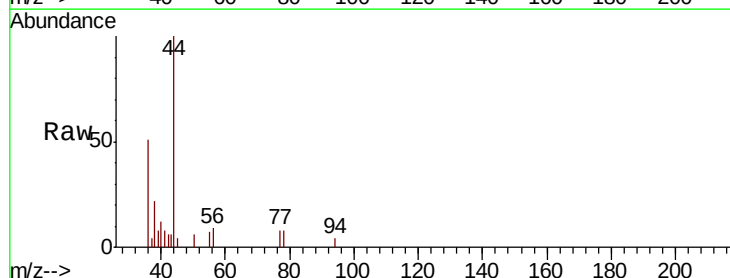
Tot Ion: 59 Resp: 5695
 Ion Ratio Lower Upper
 59 100
 57 0.4 8.3 12.5#

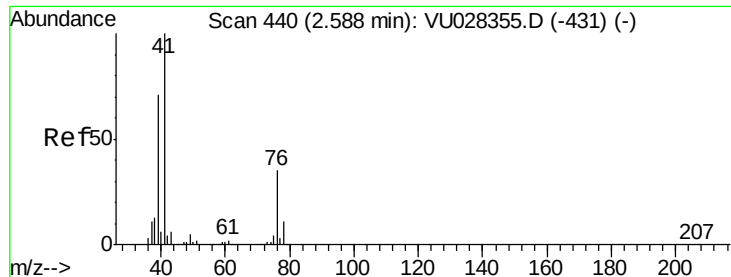


#13

Acrolein
 Concen: 0.341 ug/l
 RT: 2.20 min Scan# 318
 Delta R.T. 0.00 min
 Lab File: VU028361.D
 Acq: 28 Nov 2018 13:18

Tgt Ion: 56 Resp: 279
 Ion Ratio Lower Upper
 56 100
 55 103.9 56.6 85.0#





#14

Allvl chloride

Concen: 1.299 ug/l

RT: 2.45 min Scan# 396

Delta R.T. -0.14 min

Lab File: VU028361.D

Acq: 28 Nov 2018 13:18

Instrument :

MSVOA_U

ClientSampleId :

S32-TB-2018-3

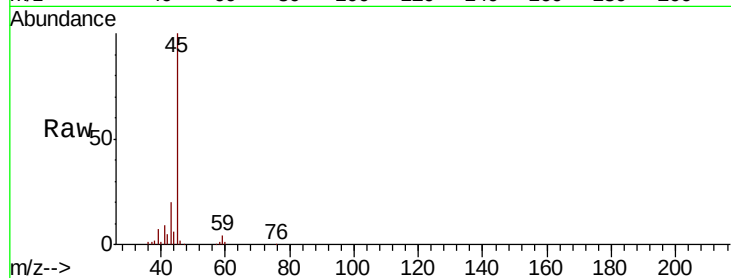
Tot Ion: 41 Resp: 8779

Ion Ratio Lower Upper

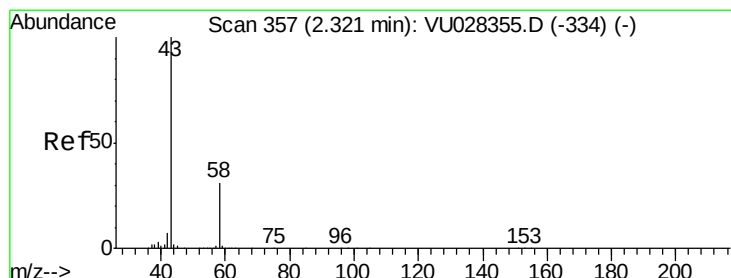
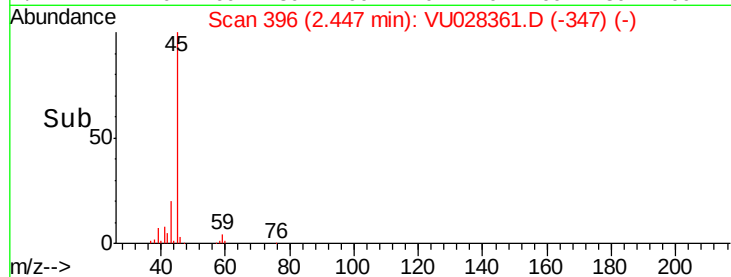
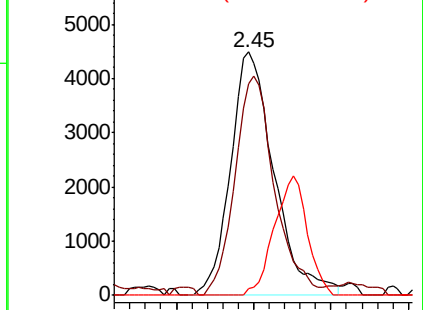
41 100

39 82.3 51.6 77.4#

76 0.0 24.4 36.6#



Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 75.90 (75.60 to 76.60): VU0



#16

Acetone

Concen: 1.578 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028361.D

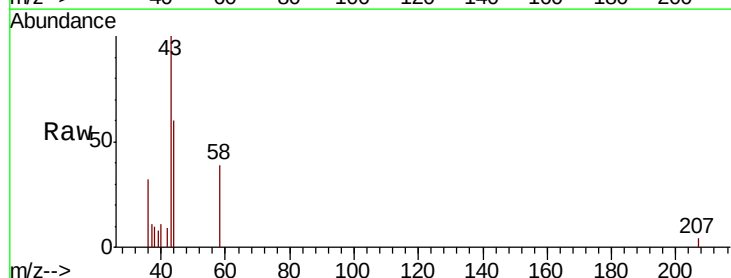
Acq: 28 Nov 2018 13:18

Tgt Ion: 43 Resp: 3907

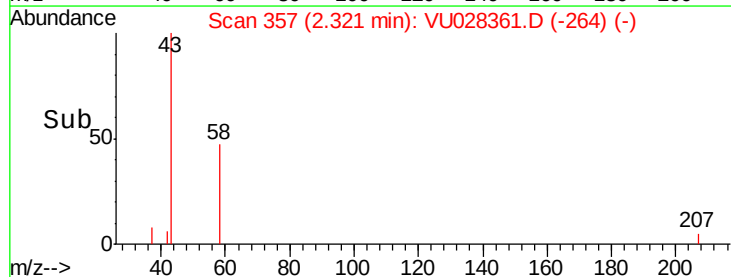
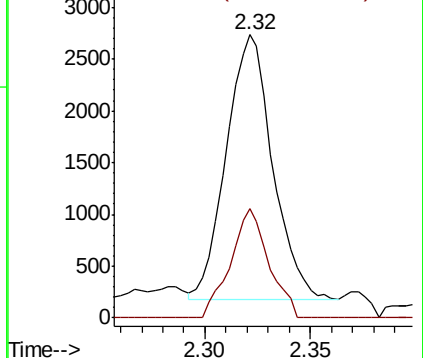
Ion Ratio Lower Upper

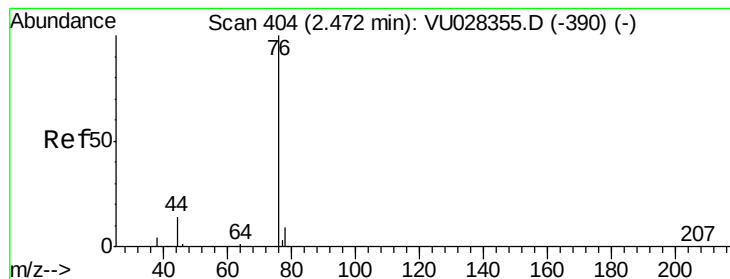
43 100

58 41.1 24.4 36.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 0.327 ug/l

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU028361.D

Acq: 28 Nov 2018 13:18

Instrument :

MSVOA_U

ClientSampleId :

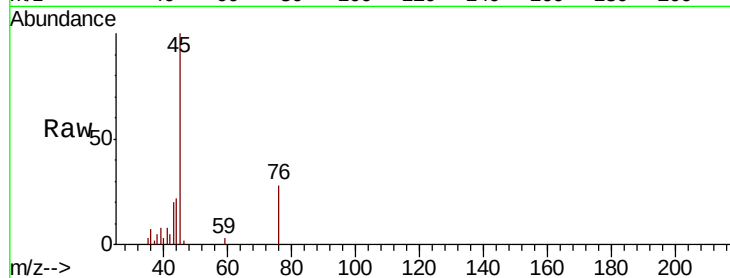
S32-TB-2018-3

Tot Ion: 76 Resp: 3248

Ion Ratio Lower Upper

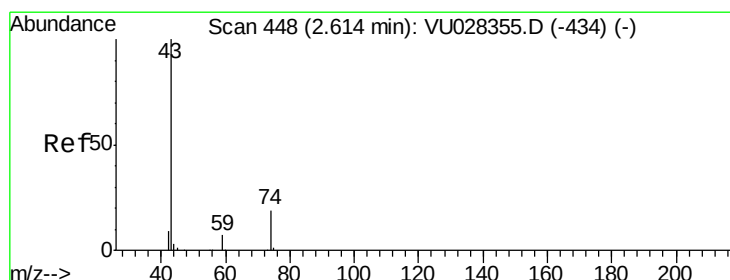
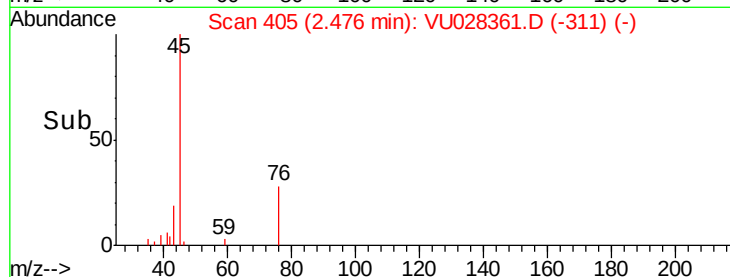
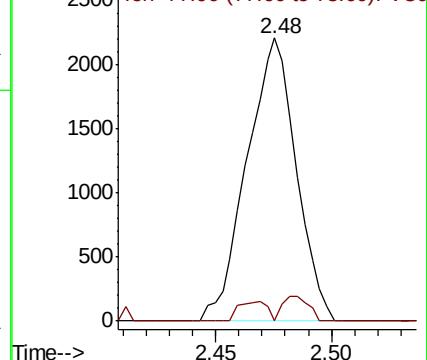
76 100

78 0.0 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 0.303 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU028361.D

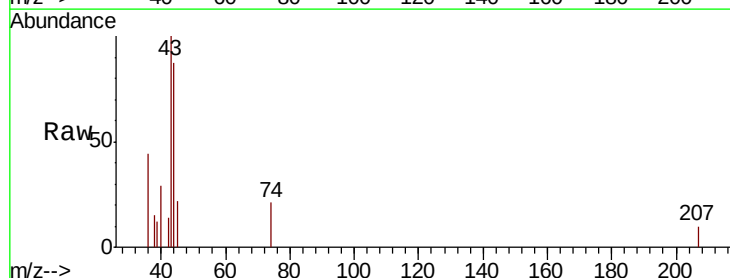
Acq: 28 Nov 2018 13:18

Tgt Ion: 43 Resp: 2085

Ion Ratio Lower Upper

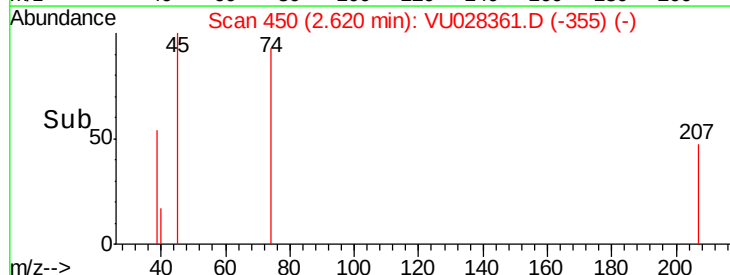
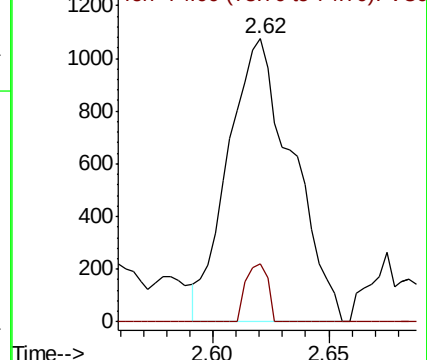
43 100

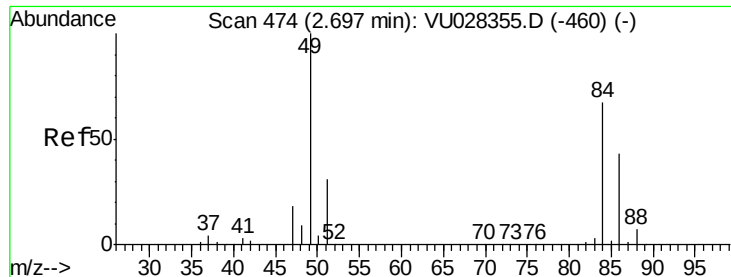
74 6.9 15.3 22.9#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

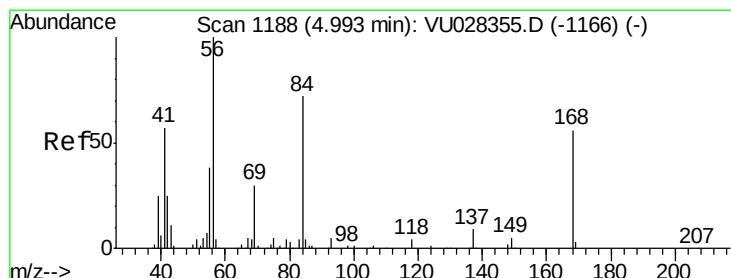
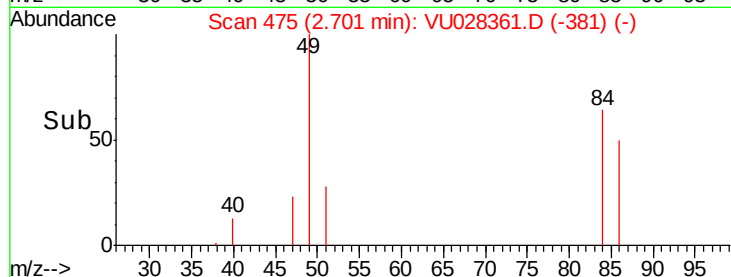
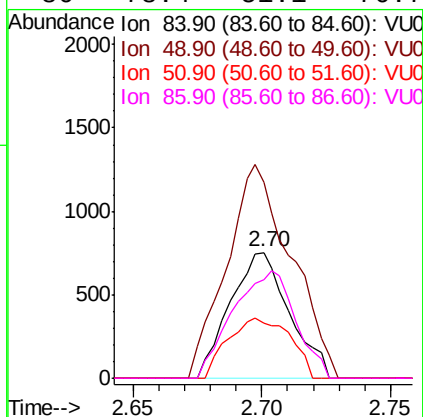
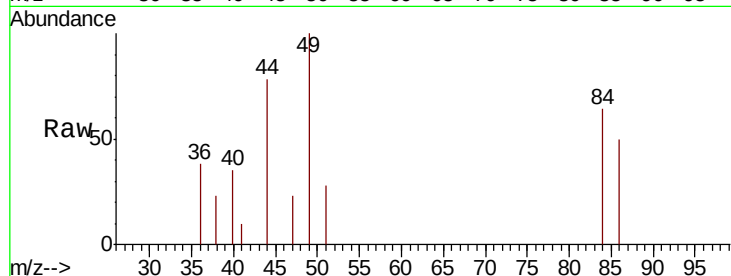




#20
Methvlene Chloride
Concen: 0.272 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028361.D
Acq: 28 Nov 2018 13:18

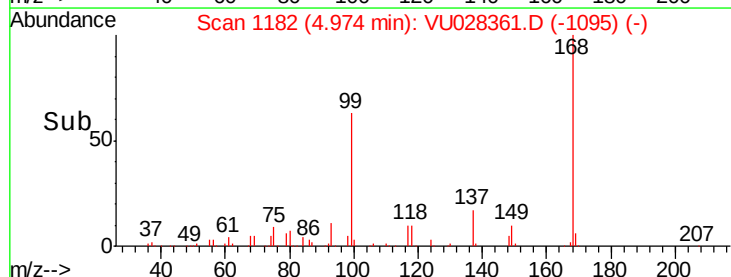
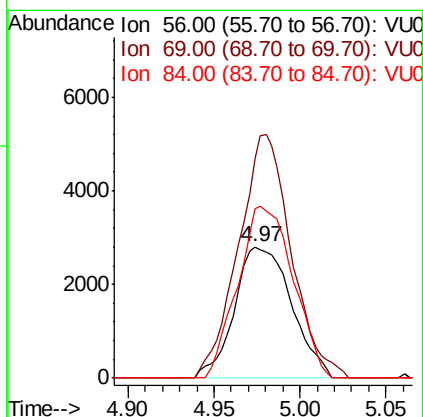
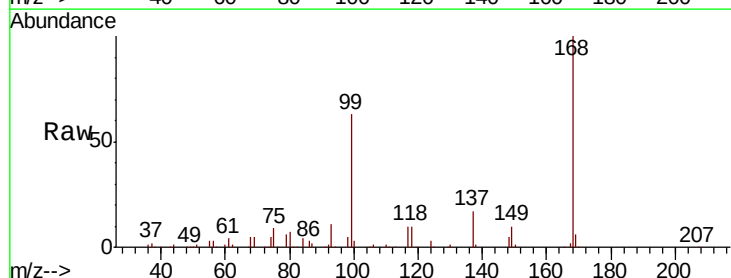
Instrument :
MSVOA_U
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S32-TB-2018-3

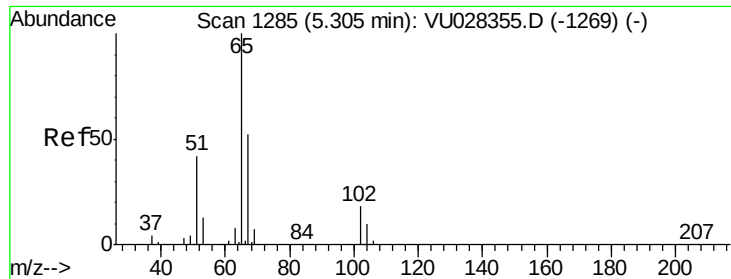
Tot Ion: 84 Resp: 1206
Ion Ratio Lower Upper
84 100
49 155.6 120.0 180.0
51 44.1 36.9 55.3
86 78.4 51.1 76.7#



#31
Cyclohexane
Concen: 0.574 ug/l
RT: 4.97 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VU028361.D
Acq: 28 Nov 2018 13:18

Tgt Ion: 56 Resp: 6436
Ion Ratio Lower Upper
56 100
69 167.6 23.7 35.5#
84 129.2 57.3 85.9#

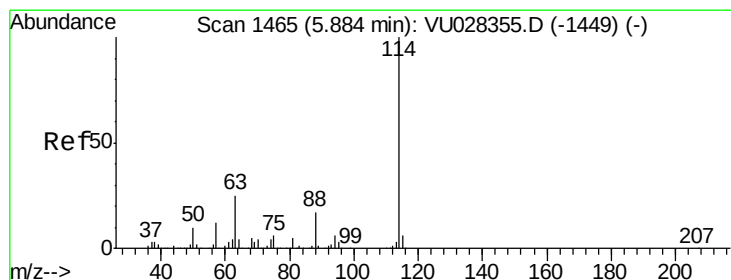
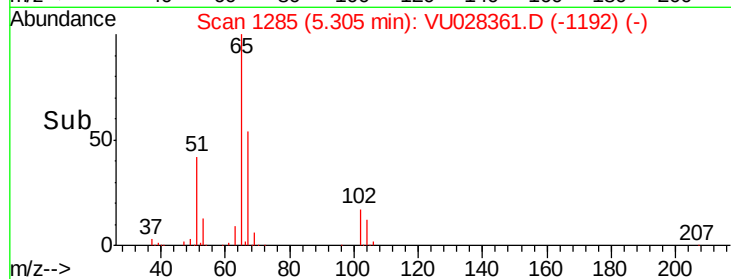
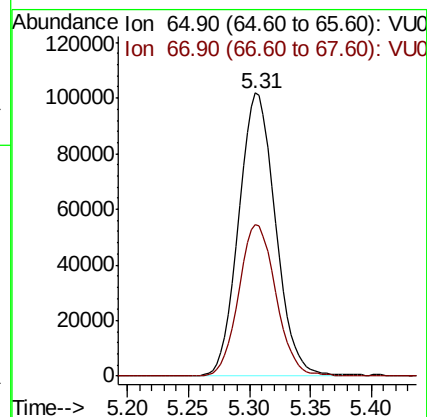
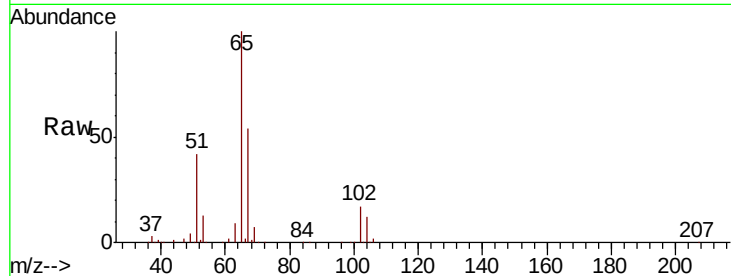




#33
 1,2-Dichloroethane-d4
 Concen: 52.672 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VU028361.D
 Acq: 28 Nov 2018 13:18

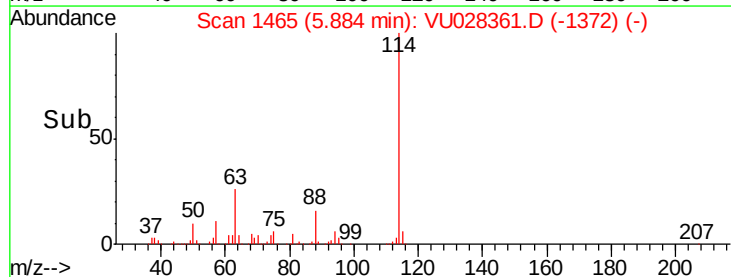
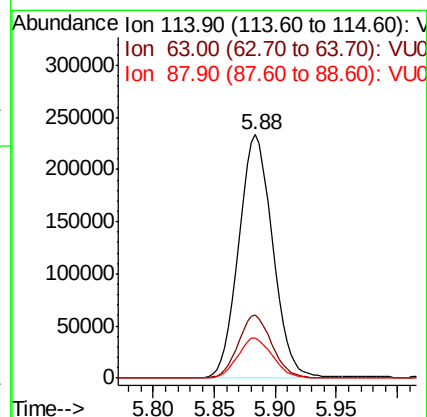
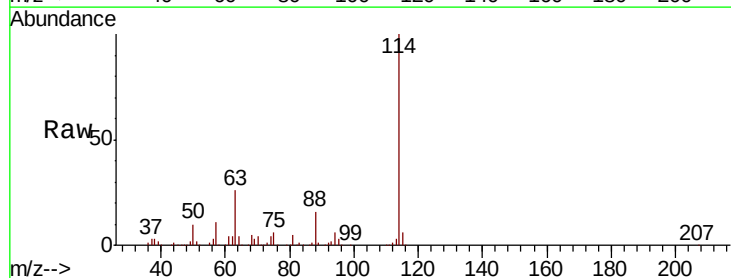
Instrument :
 MSVOA_U
 ClientSampleId :
 S32-TB-2018-3

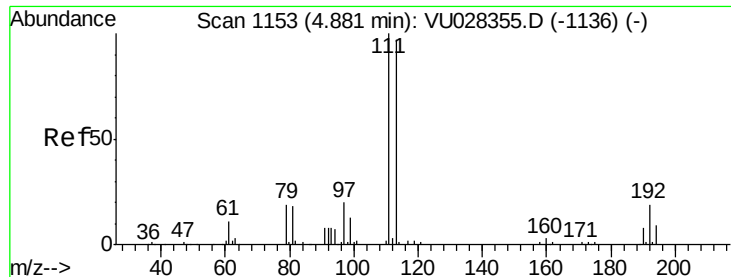
Tot Ion: 65 Resp: 213121
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028361.D
 Acq: 28 Nov 2018 13:18

Tgt Ion: 114 Resp: 451548
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 50.0
 88 16.5 0.0 34.4

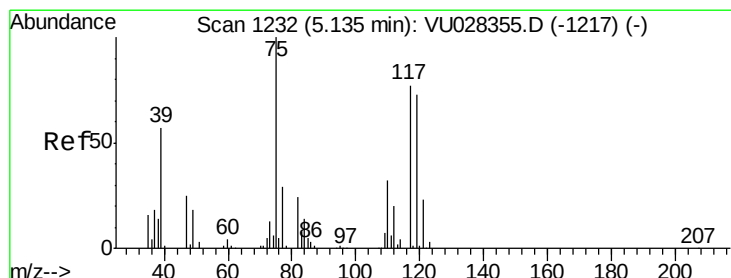
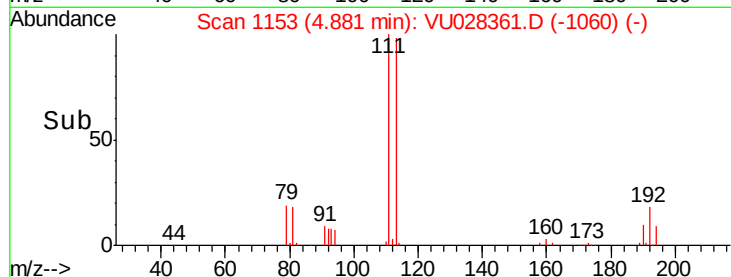
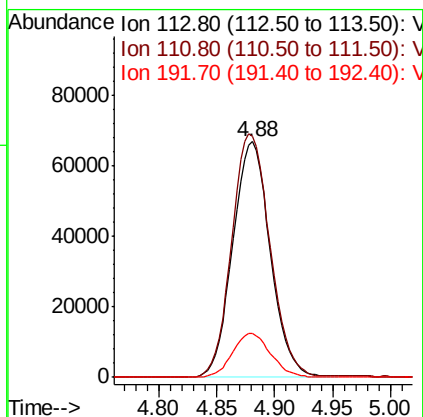
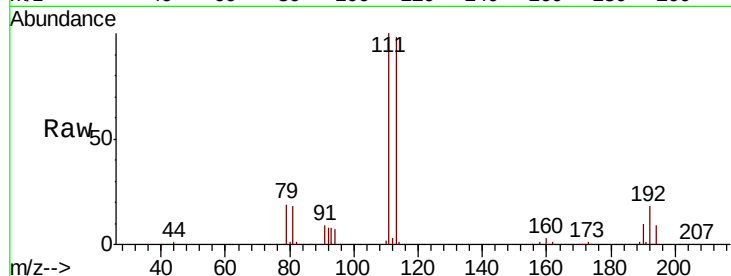




#35
Dibromofluoromethane
Concen: 50.331 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028361.D
Acq: 28 Nov 2018 13:18

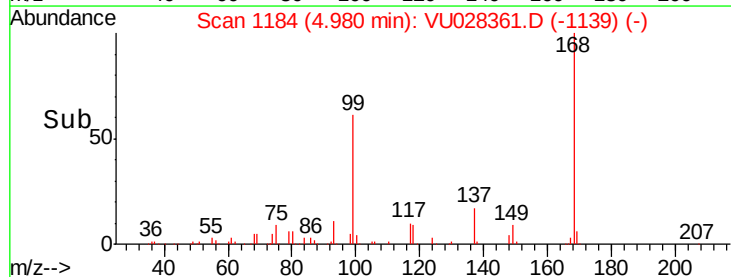
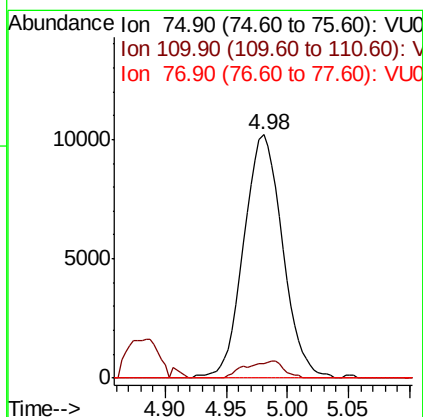
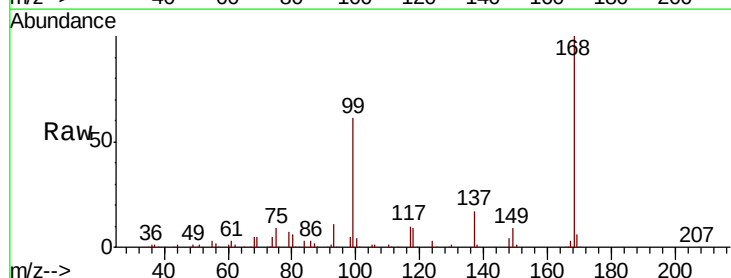
Instrument :
MSVOA_U
ClientSampleId :
S32-TB-2018-3

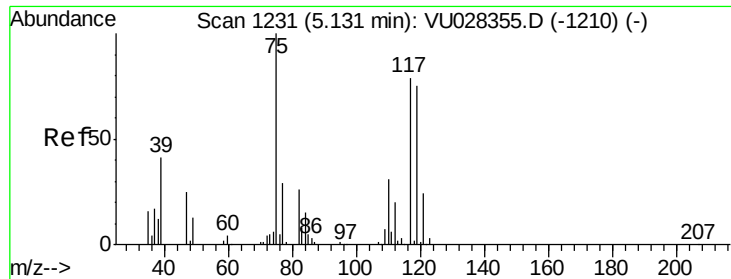
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.6	82.9	124.3
192	18.8	15.4	23.0



#36
1,1-Dichloropropene
Concen: 4.542 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU028361.D
Acq: 28 Nov 2018 13:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.9	15.8	47.4#
77	0.0	24.6	36.8#

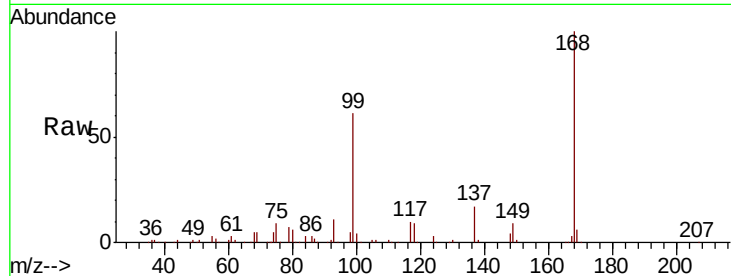




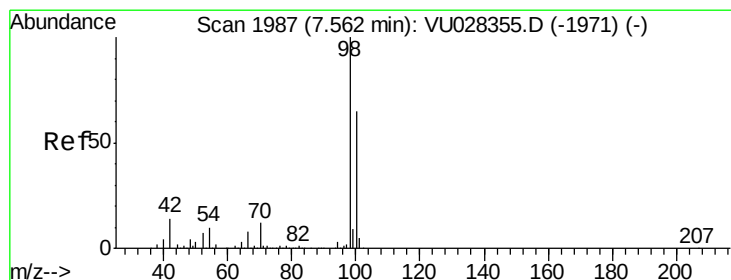
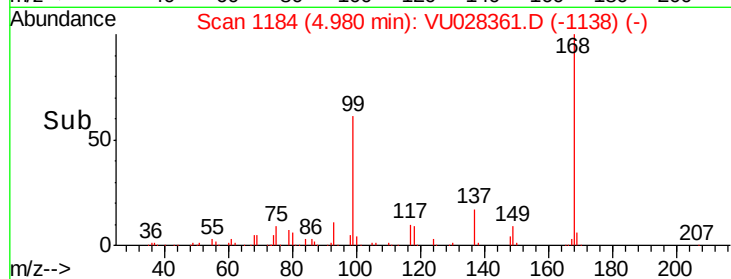
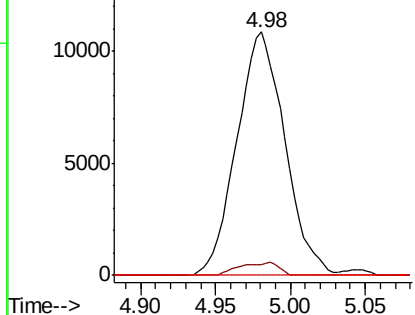
#38
 Carbon Tetrachloride
 Concen: 5.992 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU028361.D
 Acq: 28 Nov 2018 13:18

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-TB-2018-3

Tot Ion:117 Resp: 24315
 Ion Ratio Lower Upper
 117 100
 119 4.3 76.3 114.5#
 121 0.0 24.7 37.1#

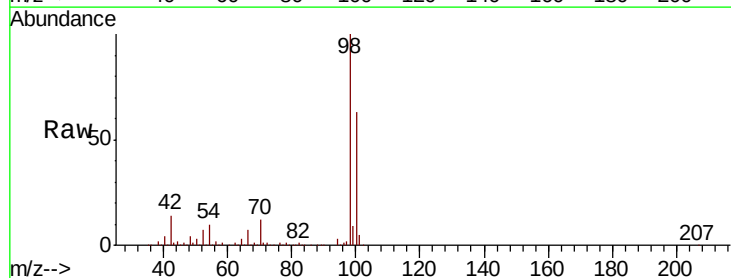


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

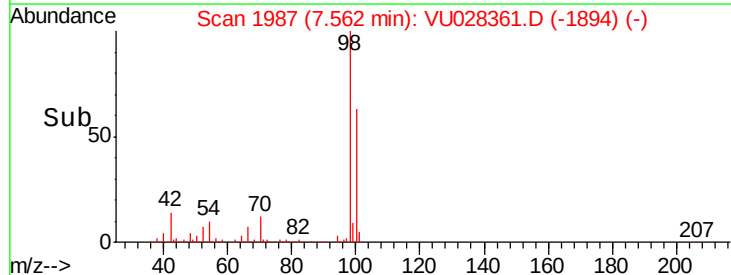
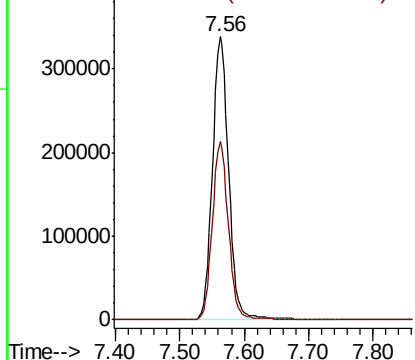


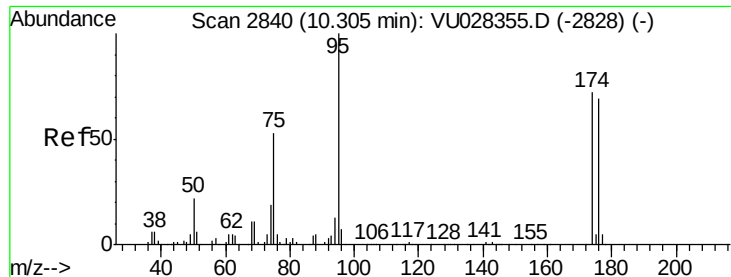
#50
 Toluene-d8
 Concen: 49.542 ug/l
 RT: 7.56 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VU028361.D
 Acq: 28 Nov 2018 13:18

Tgt Ion: 98 Resp: 594913
 Ion Ratio Lower Upper
 98 100
 100 62.8 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU

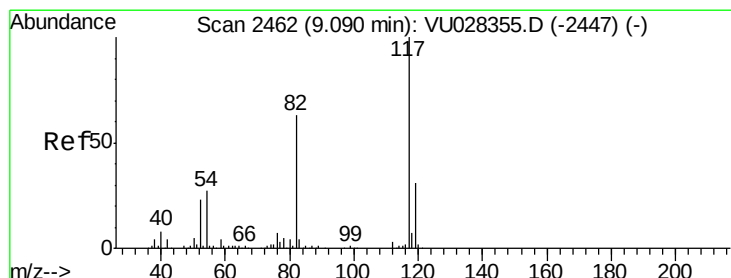
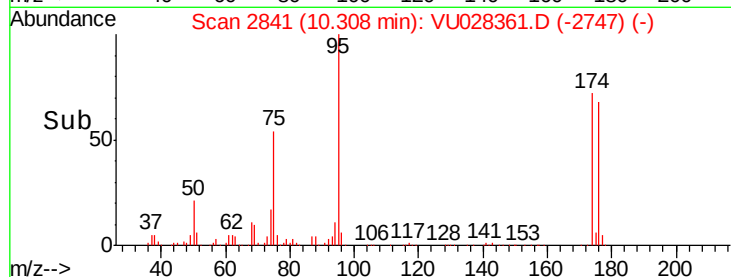
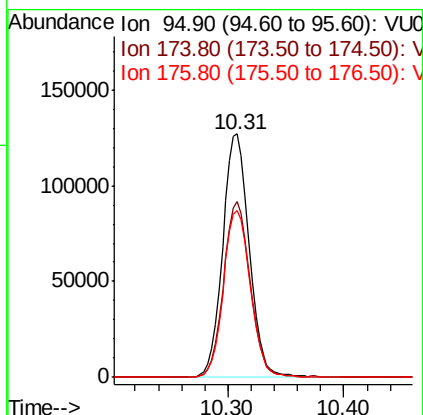
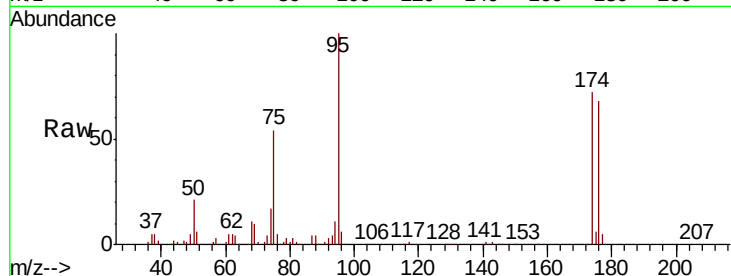




#62
4-Bromofluorobenzene
Concen: 46.638 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028361.D
Acq: 28 Nov 2018 13:18

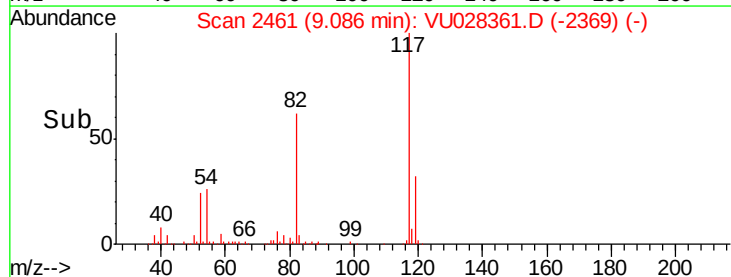
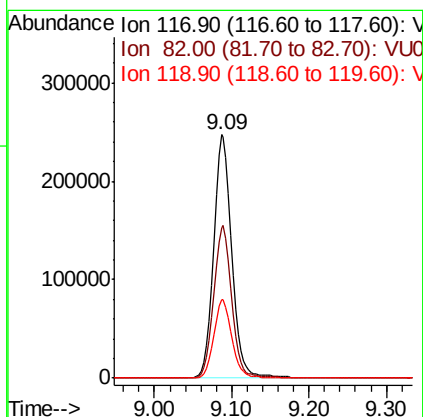
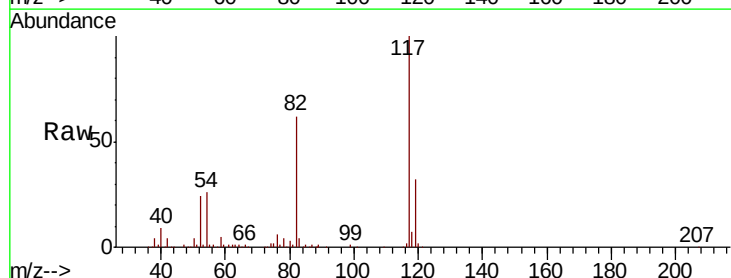
Instrument :
MSVOA_U
ClientSampleId :
S32-TB-2018-3

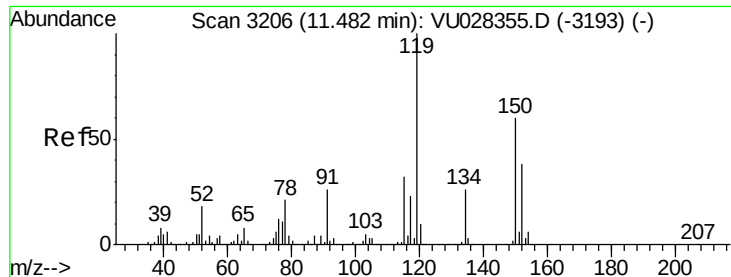
Tot Ion: 95 Resp: 201858
Ion Ratio Lower Upper
95 100
174 72.1 0.0 145.4
176 69.8 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU028361.D
Acq: 28 Nov 2018 13:18

Tgt Ion: 117 Resp: 414235
Ion Ratio Lower Upper
117 100
82 61.9 50.3 75.5
119 32.4 24.8 37.2



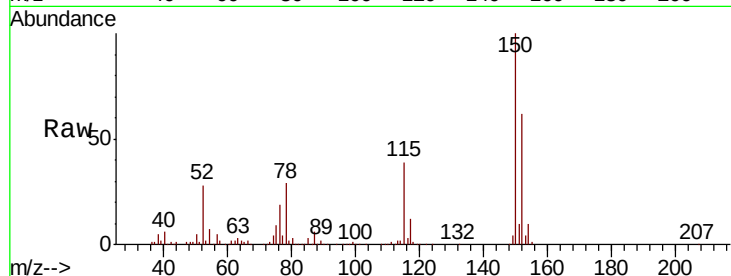


#72

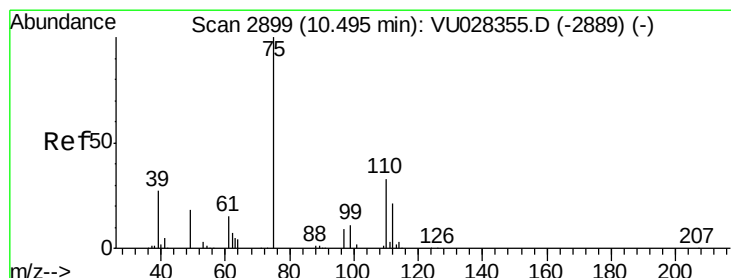
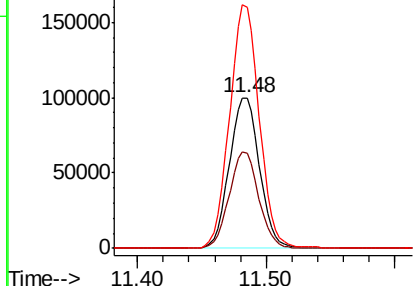
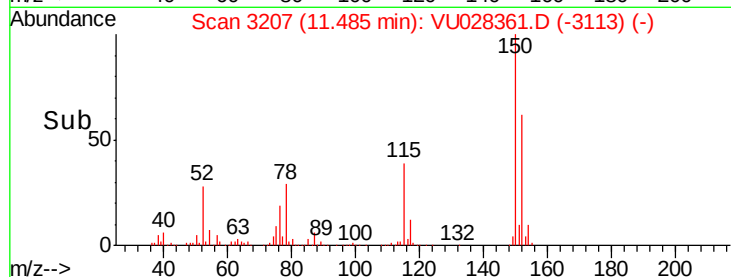
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU028361.D
Acq: 28 Nov 2018 13:18

Instrument :
MSVOA_U
ClientSampleId :
S32-TB-2018-3

Tot Ion:152 Resp: 162269
Ion Ratio Lower Upper
152 100
115 62.7 45.0 134.8
150 159.6 0.0 349.2



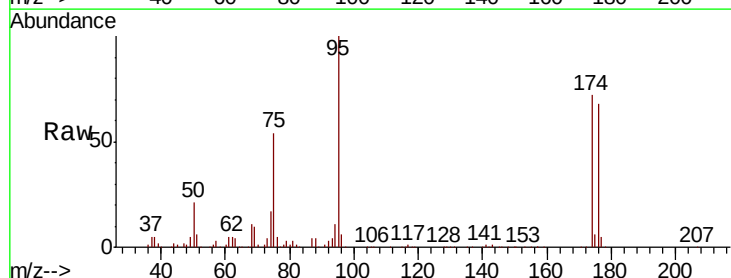
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



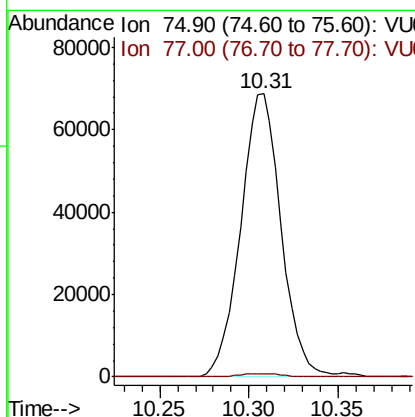
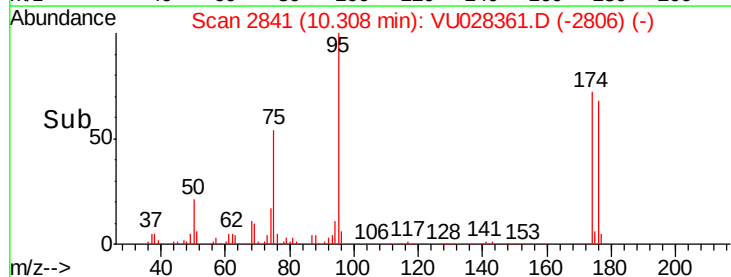
#76

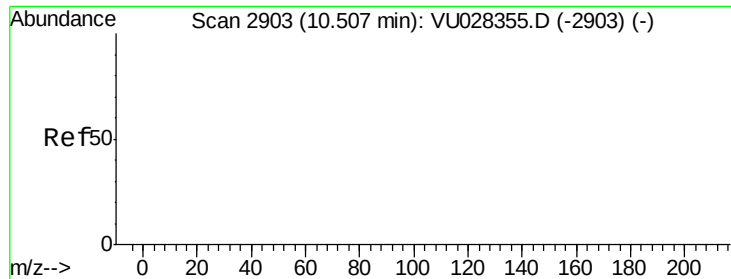
1,2,3-Trichloropropane
Concen: 24.067 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU028361.D
Acq: 28 Nov 2018 13:18

Tgt Ion: 75 Resp: 108297
Ion Ratio Lower Upper
75 100
77 1.1 22.4 67.0#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 77.00 (76.70 to 77.70): VU0

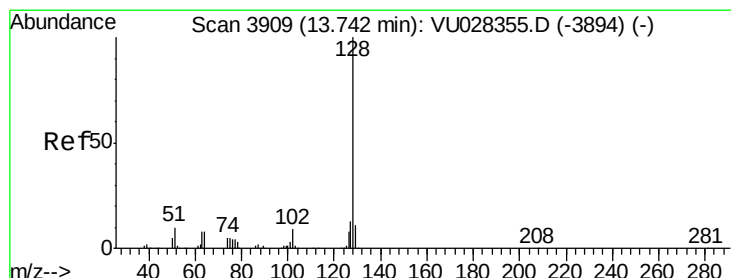
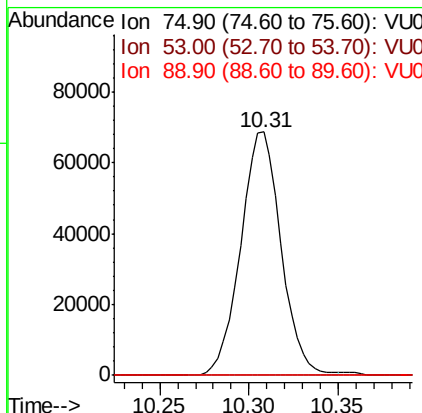
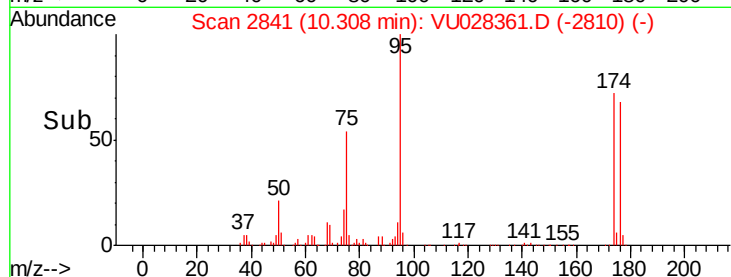
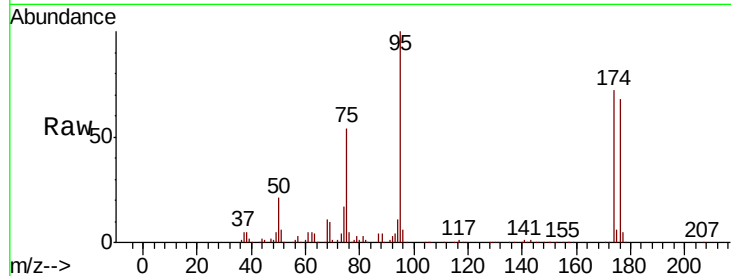




#81
trans-1,4-Dichloro-2-butene
Concen: 63.885 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU028361.D
Acq: 28 Nov 2018 13:18

Instrument :
MSVOA_U
ClientSampleId :
S32-TB-2018-3

Tot Ion: 75 Resp: 108297
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0#



#95
Naphthalene
Concen: 2.924 ug/l
RT: 13.76 min Scan# 3916
Delta R.T. 0.02 min
Lab File: VU028361.D
Acq: 28 Nov 2018 13:18

Tgt Ion:128 Resp: 1285
Ion Ratio Lower Upper
128 100
127 5.8 10.6 15.8#
129 0.0 8.6 12.8#

