

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
 Data File : VU025000.D
 Acq On : 28 Jun 2018 05:23
 Operator : MD/SY
 Sample : J3671-06ME 5X
 Misc : 6.19g/5mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-17-19-180621ME

Quant Time: Jun 28 06:47:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

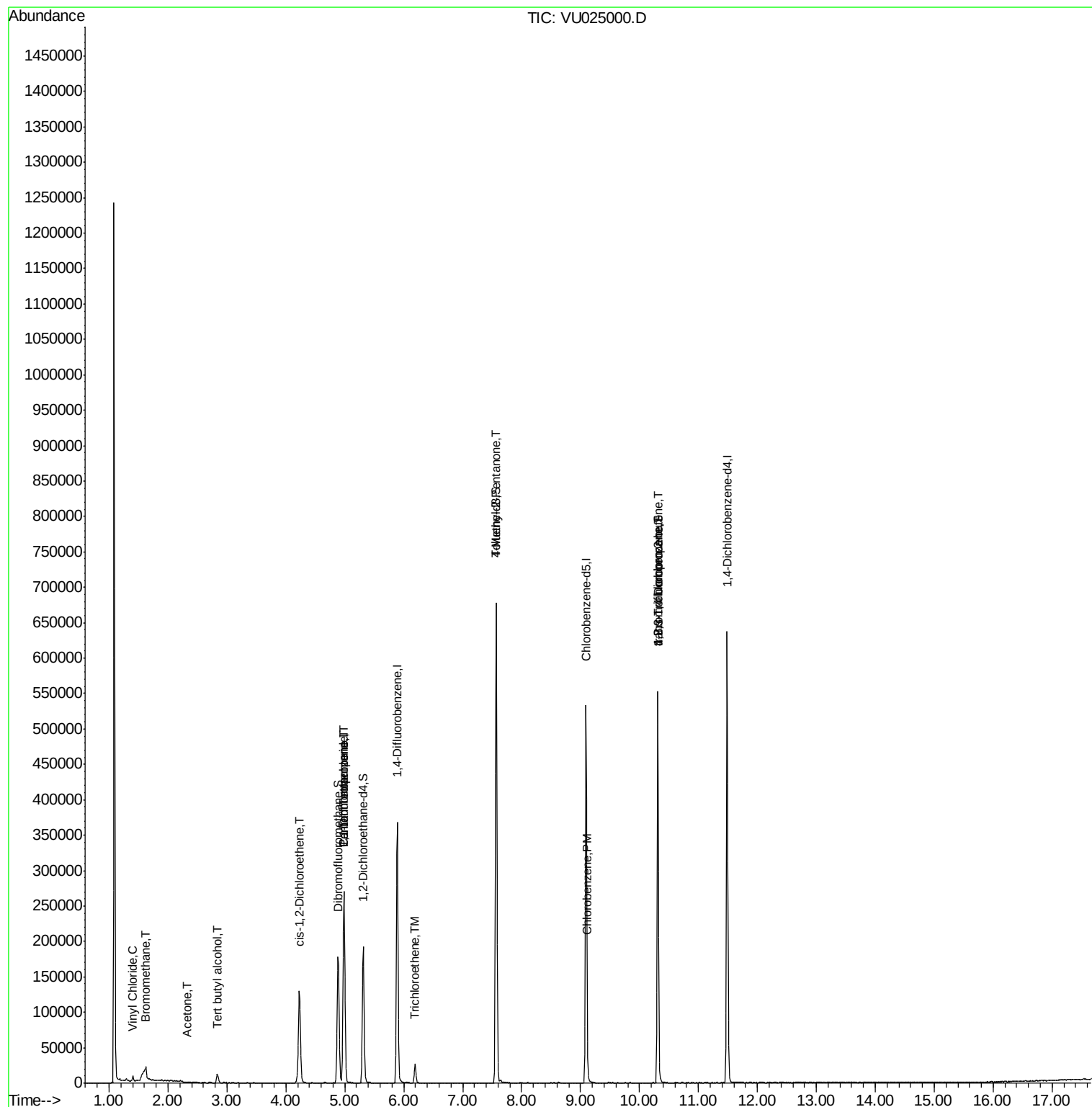
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	205507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	309139	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	290753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	168118	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	157621	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
35) Dibromofluoromethane	4.89	113	119205	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
50) Toluene-d8	7.57	98	447872	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	10.31	95	176108	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	4307	1.589	ug/l #	87
5) Bromomethane	1.62	94	529	0.404	ug/l	87
6) Chloroethane	1.68	64	81	Below Cal	#	43
11) Tert butyl alcohol	2.84	59	7582	9.292	ug/l #	73
16) Acetone	2.32	43	1422	0.789	ug/l #	80
27) cis-1,2-Dichloroethene	4.23	96	71069	23.986	ug/l	90
31) Cyclohexane	4.98	56	4287	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	15563	4.284	ug/l #	51
38) Carbon Tetrachloride	4.99	117	19940	4.992	ug/l #	17
44) Trichloroethene	6.19	130	10044	3.410	ug/l	94
51) 4-Methyl-2-Pentanone	7.57	43	2080	0.484	ug/l #	1
65) Chlorobenzene	9.12	112	4248	0.572	ug/l	96
76) 1,2,3-Trichloropropane	10.31	75	91630	24.756	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	91630	57.295	ug/l #	100

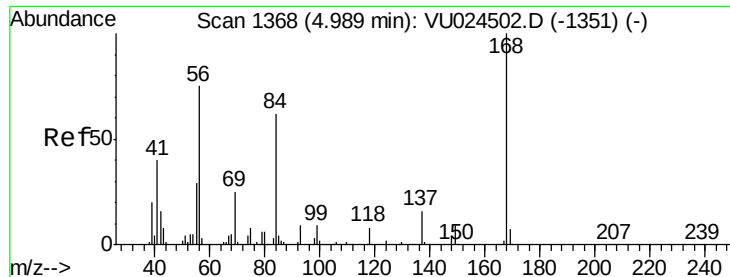
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025000.D

Acq: 28 Jun 2018 05:23

Instrument :

MSVOA_U

ClientSampleId :

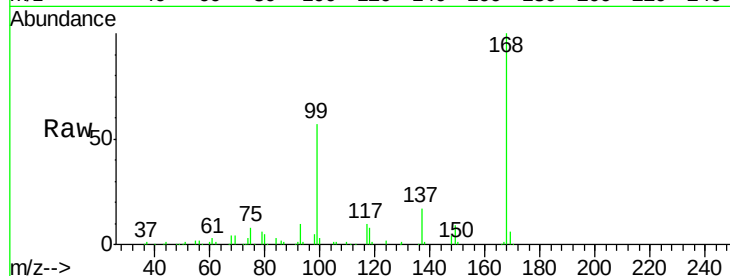
WP021SB478-17-19-180621ME

Tgt Ion:168 Resp: 205507

Ion Ratio Lower Upper

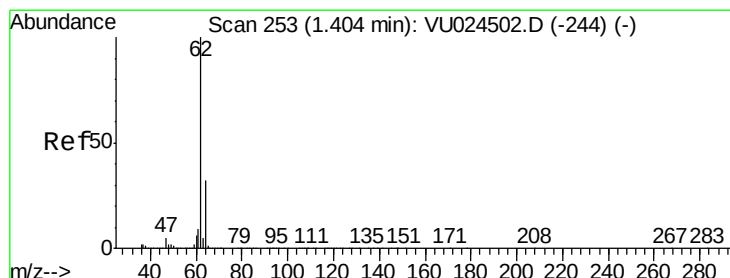
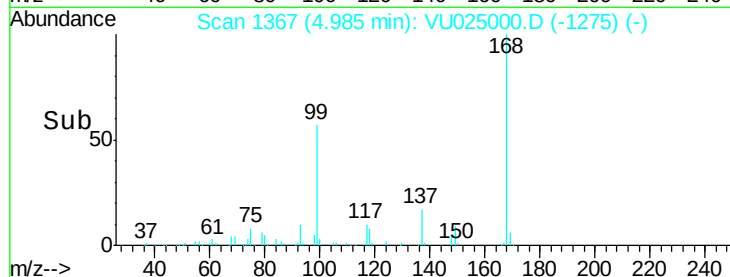
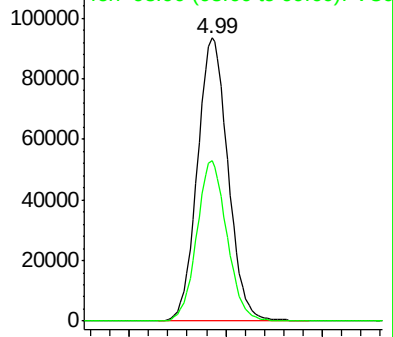
168 100

99 56.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#4

Vinyl Chloride

Concen: 1.589 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025000.D

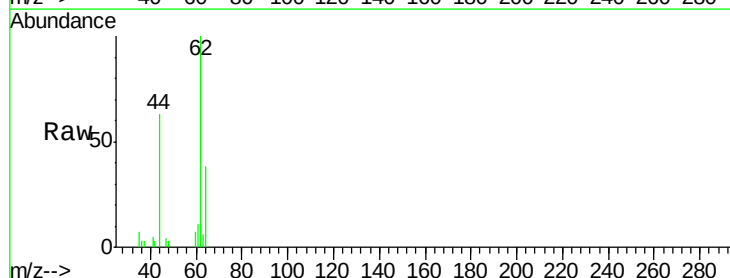
Acq: 28 Jun 2018 05:23

Tgt Ion: 62 Resp: 4307

Ion Ratio Lower Upper

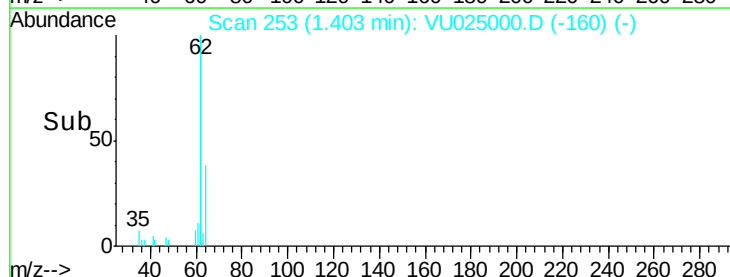
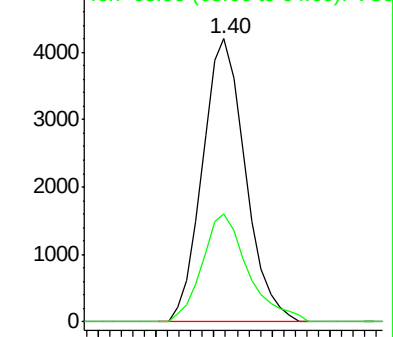
62 100

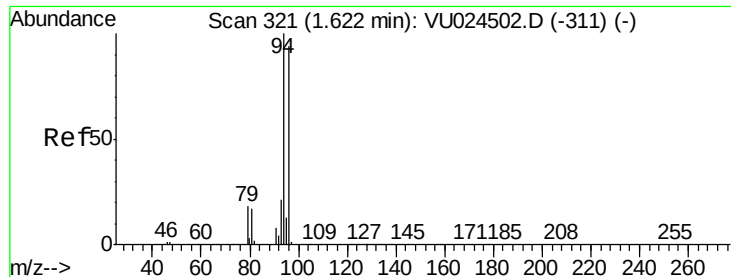
64 38.4 24.8 37.2#



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 0.404 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU025000.D

Acq: 28 Jun 2018 05:23

Instrument :

MSVOA_U

ClientSampleId :

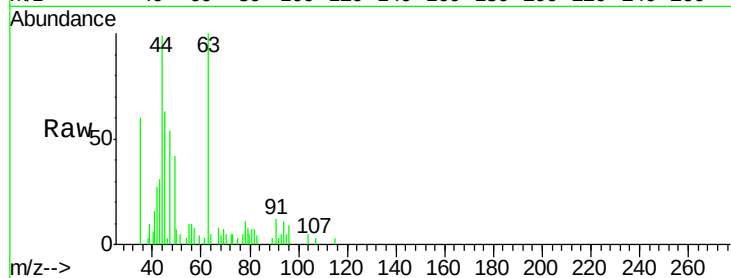
WP021SB478-17-19-180621ME

Tgt Ion: 94 Resp: 529

Ion Ratio Lower Upper

94 100

96 81.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.62

300

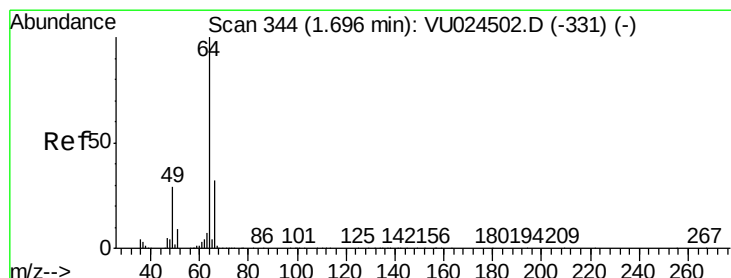
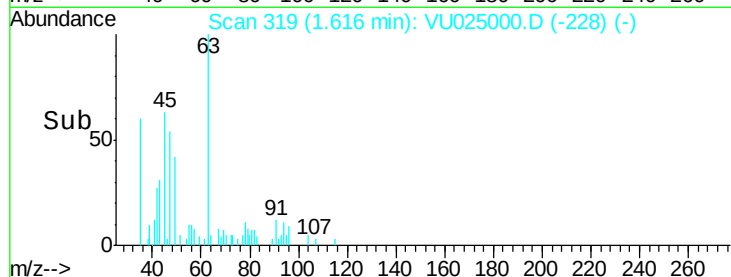
200

100

0

1.58 1.60 1.62 1.64

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 340

Delta R.T. -0.01 min

Lab File: VU025000.D

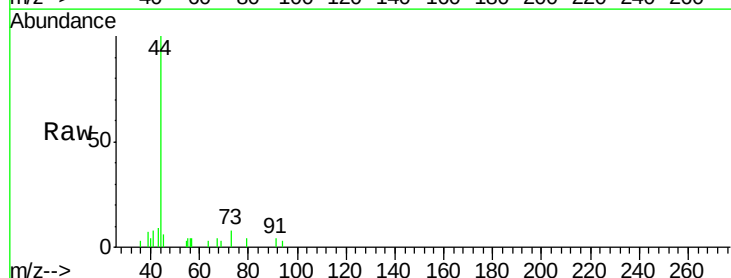
Acq: 28 Jun 2018 05:23

Tgt Ion: 64 Resp: 81

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.68

120

100

80

60

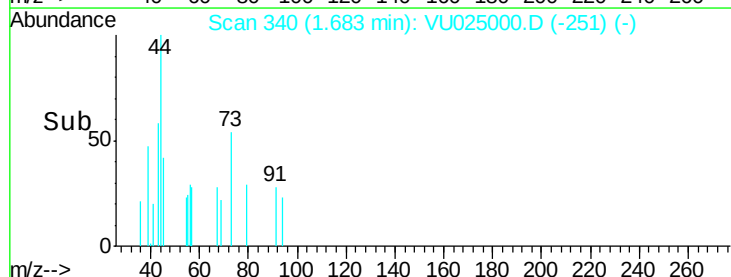
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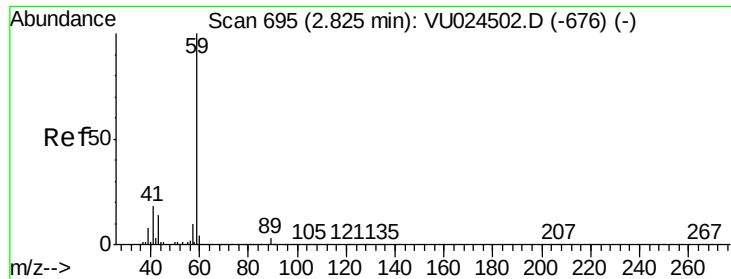
20

0

1.67 1.68 1.69 1.70

Time-->

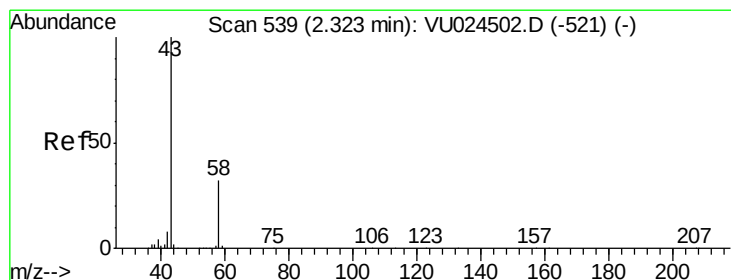
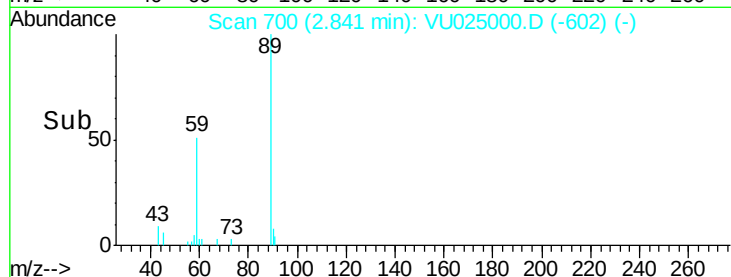
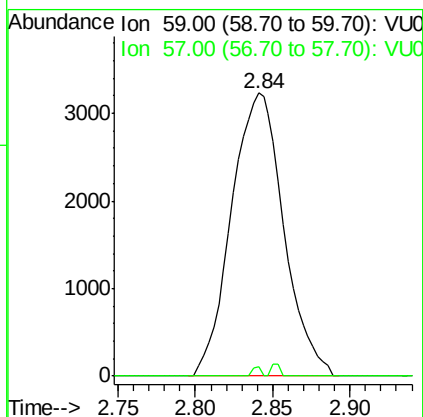
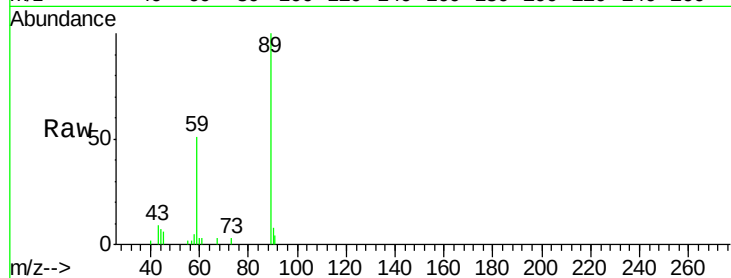




#11
Tert butyl alcohol
Concen: 9.292 ug/l
RT: 2.84 min Scan# 700
Delta R.T. 0.02 min
Lab File: VU025000.D
Acq: 28 Jun 2018 05:23

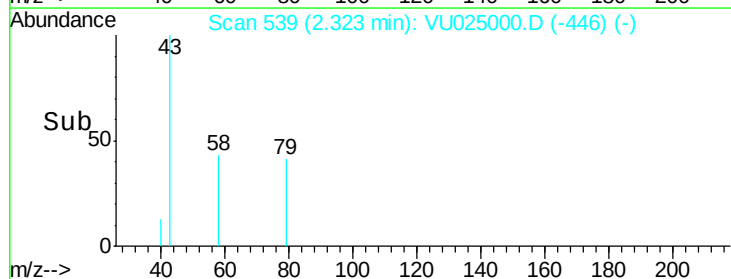
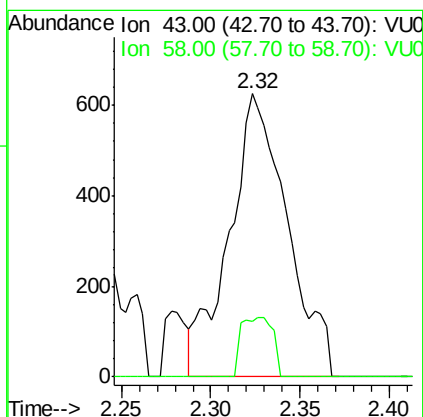
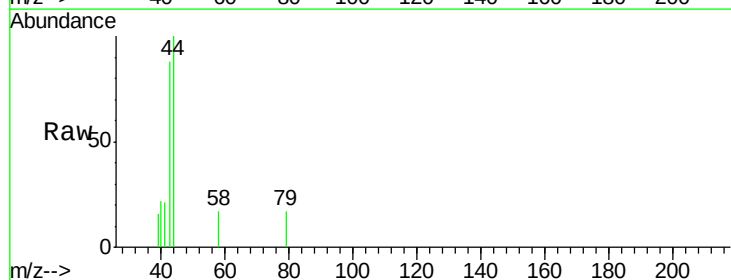
Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-17-19-180621ME

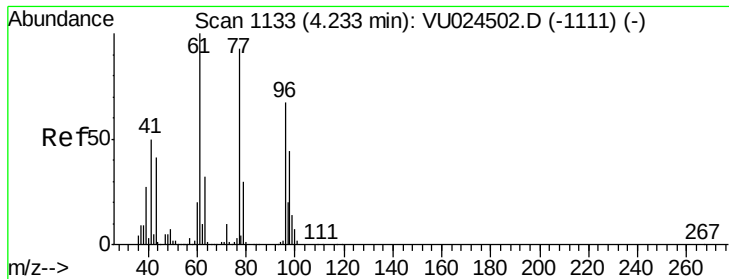
Tgt Ion: 59 Resp: 7582
Ion Ratio Lower Upper
59 100
57 0.5 8.5 12.7#



#16
Acetone
Concen: 0.789 ug/l
RT: 2.32 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU025000.D
Acq: 28 Jun 2018 05:23

Tgt Ion: 43 Resp: 1422
Ion Ratio Lower Upper
43 100
58 19.5 24.4 36.6#





#27

cis-1,2-Dichloroethene

Concen: 23.986 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025000.D

Acq: 28 Jun 2018 05:23

Instrument :

MSVOA_U

ClientSampleId :

WP021SB478-17-19-180621ME

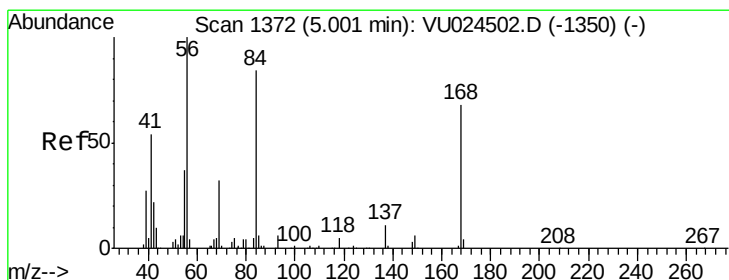
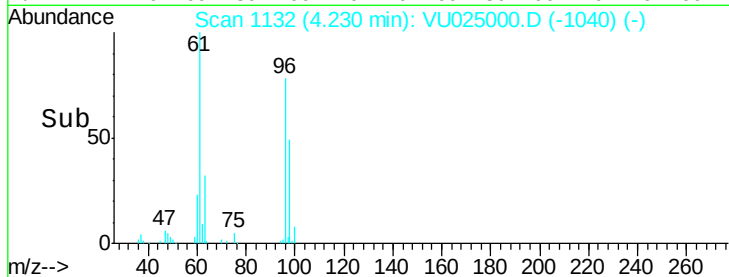
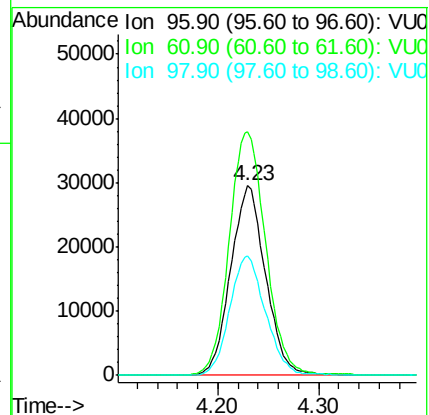
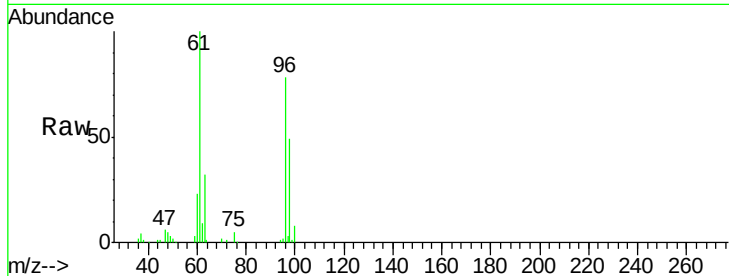
Tgt Ion: 96 Resp: 71069

Ion Ratio Lower Upper

96 100

61 134.3 0.0 306.6

98 64.4 0.0 128.8



#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1366

Delta R.T. -0.02 min

Lab File: VU025000.D

Acq: 28 Jun 2018 05:23

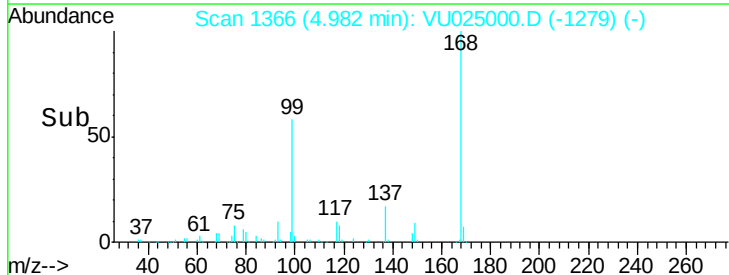
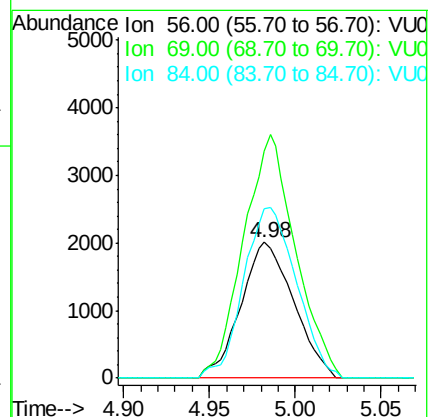
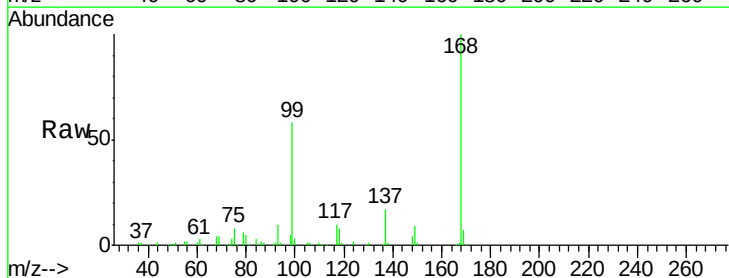
Tgt Ion: 56 Resp: 4287

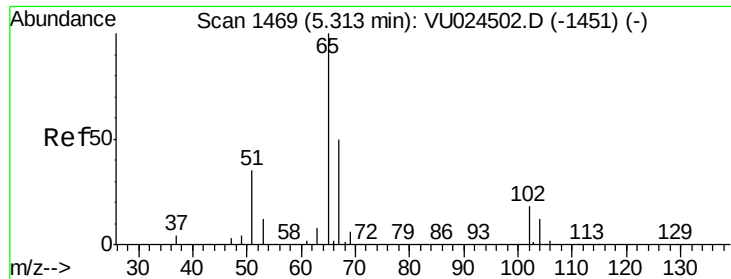
Ion Ratio Lower Upper

56 100

69 167.5 24.8 37.2#

84 124.7 65.2 97.8#

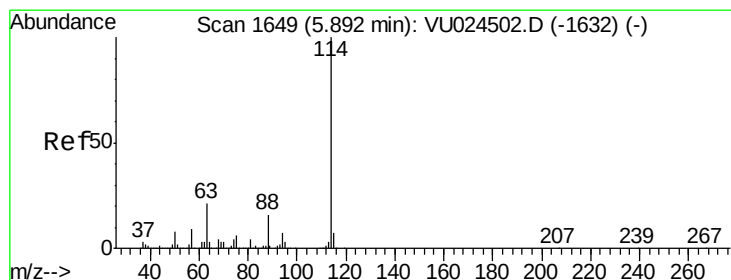
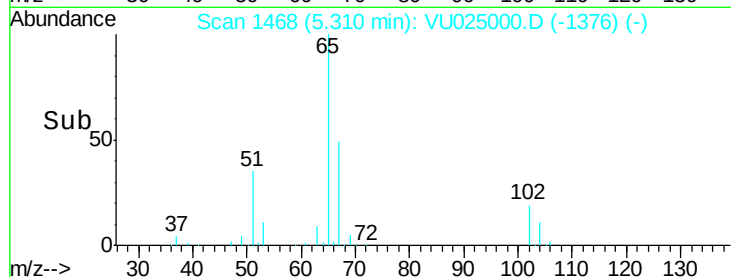
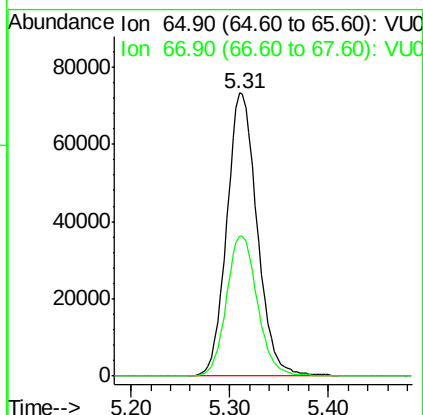
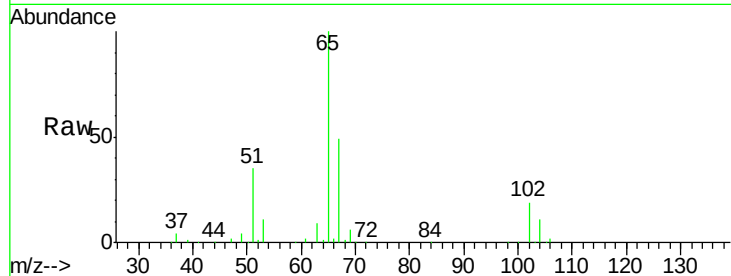




#33
 1,2-Dichloroethane-d4
 Concen: 46.982 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025000.D
 Acq: 28 Jun 2018 05:23

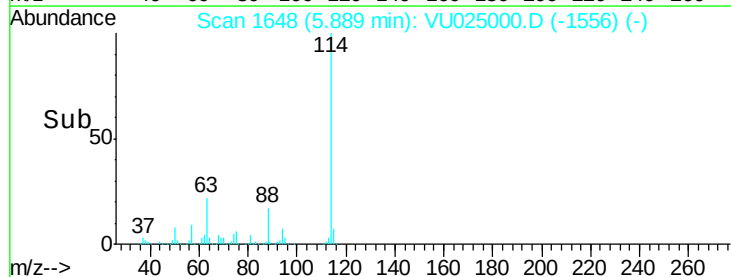
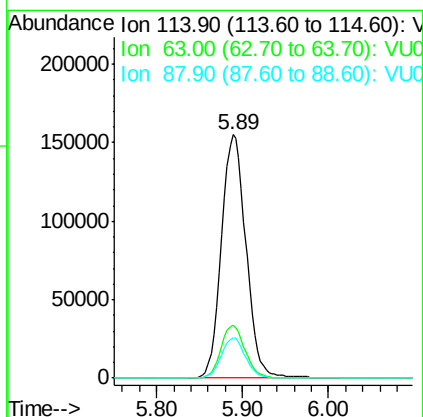
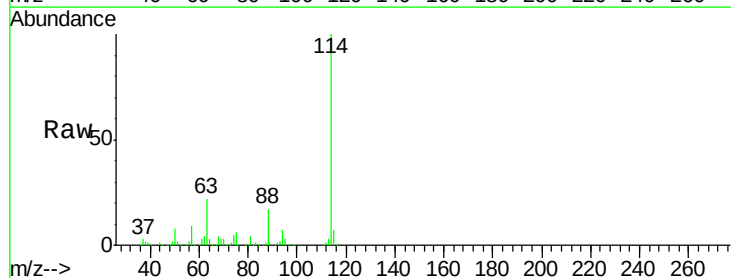
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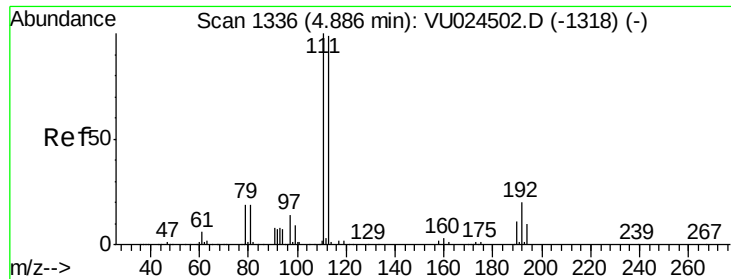
Tgt Ion: 65 Resp: 157621
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025000.D
 Acq: 28 Jun 2018 05:23

Tgt Ion: 114 Resp: 309139
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 45.4
 88 16.7 0.0 31.0

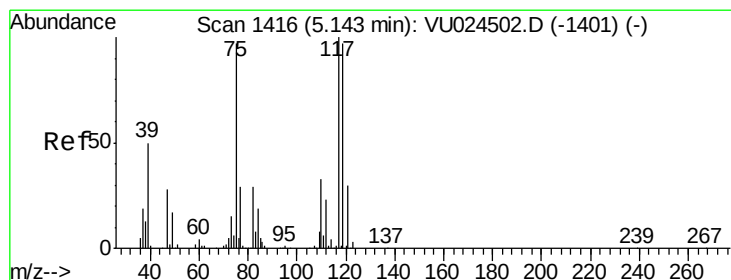
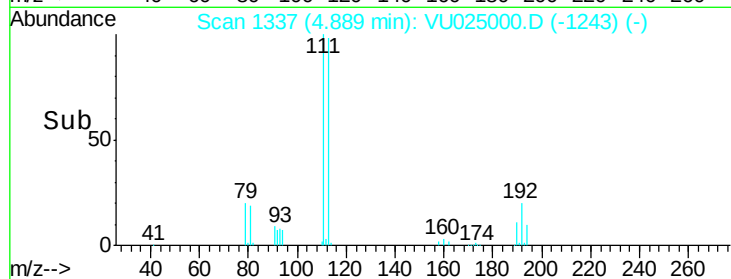
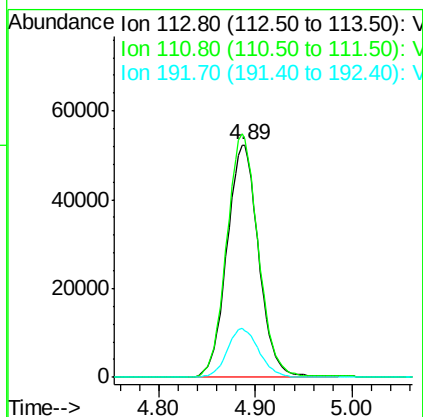
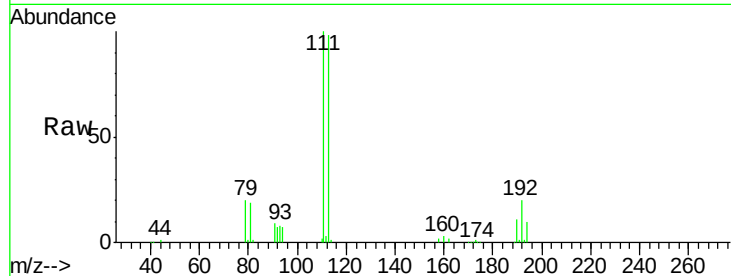




#35
 Dibromofluoromethane
 Concen: 46.463 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025000.D
 Acq: 28 Jun 2018 05:23

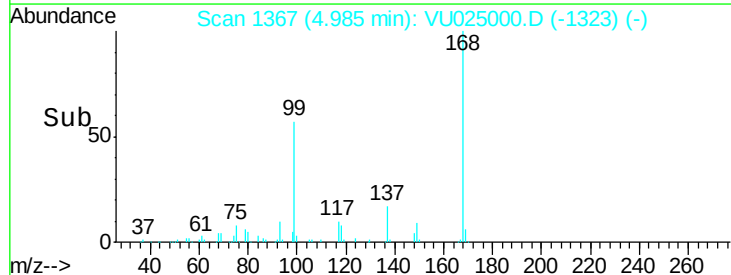
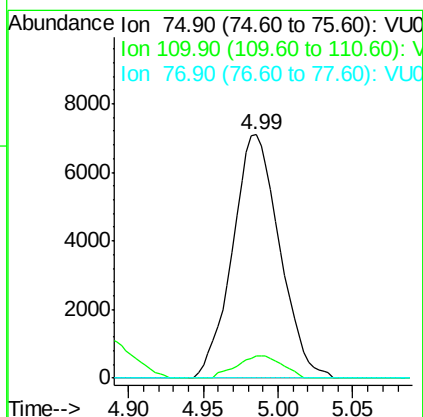
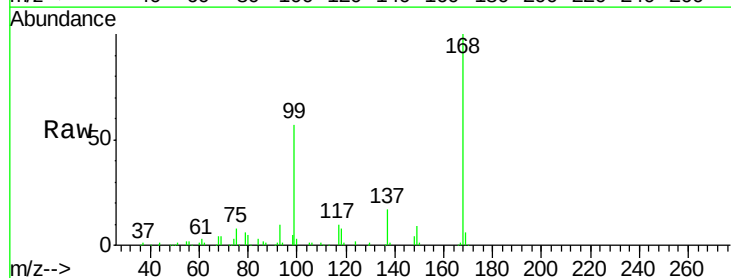
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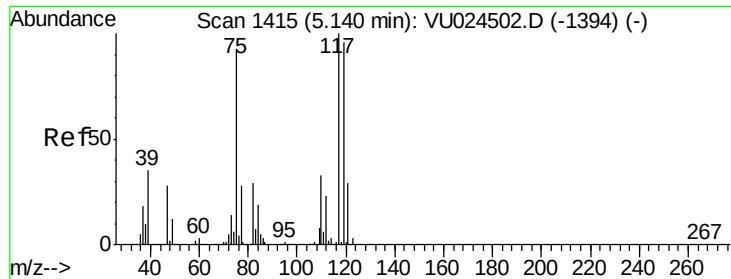
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.2	123.4
192	20.9	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 4.284 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.16 min
 Lab File: VU025000.D
 Acq: 28 Jun 2018 05:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.0	50.9#
77	0.0	24.2	36.4#

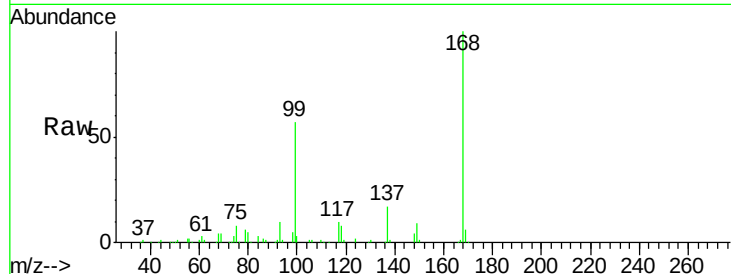




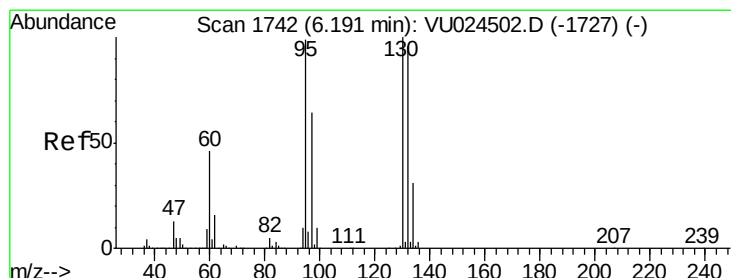
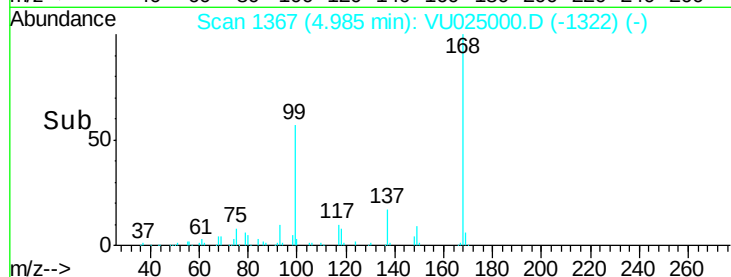
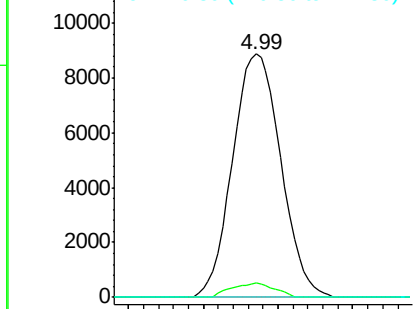
#38
Carbon Tetrachloride
Concen: 4.992 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.15 min
Lab File: VU025000.D
Acq: 28 Jun 2018 05:23

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-17-19-180621ME

Tgt Ion:117 Resp: 19940
Ion Ratio Lower Upper
117 100
119 5.8 76.1 114.1#
121 0.0 23.7 35.5#

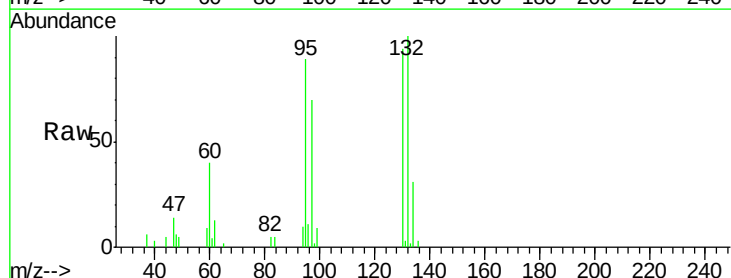


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

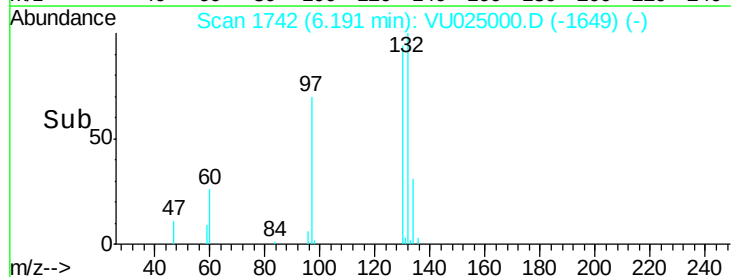
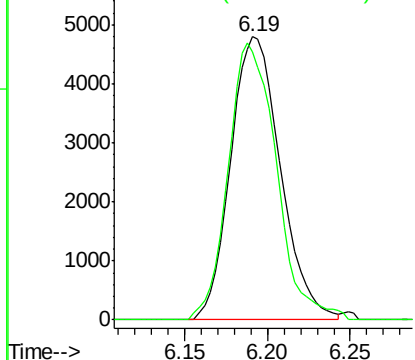


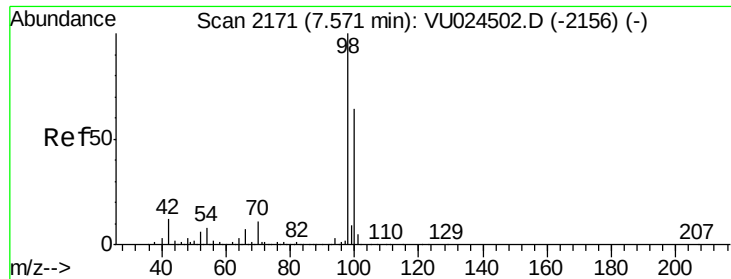
#44
Trichloroethene
Concen: 3.410 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU025000.D
Acq: 28 Jun 2018 05:23

Tgt Ion:130 Resp: 10044
Ion Ratio Lower Upper
130 100
95 94.7 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0

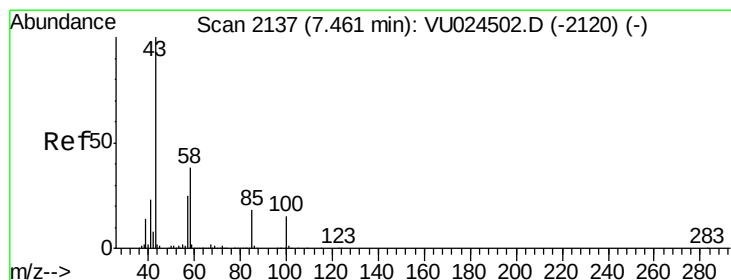
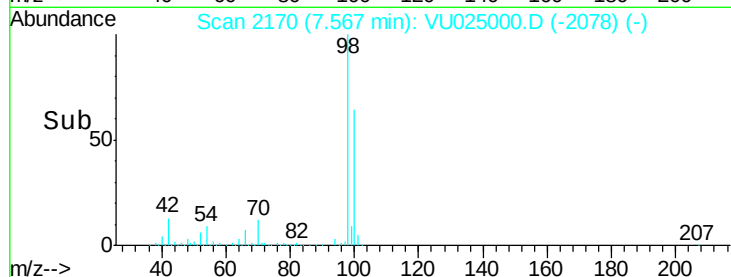
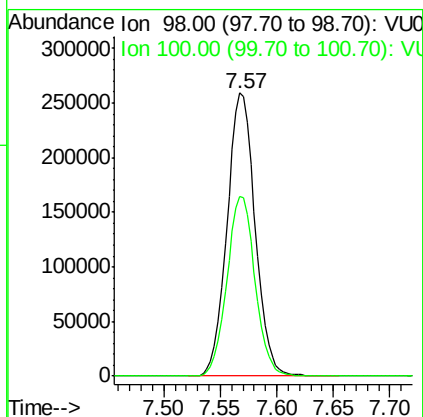
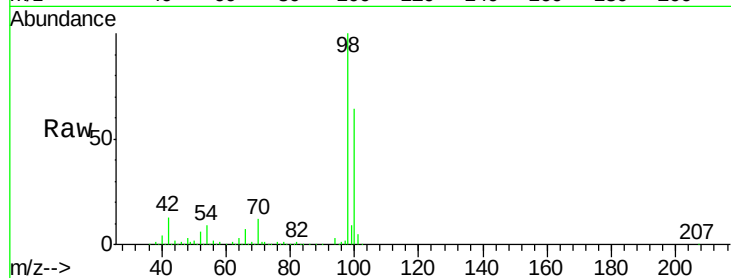




#50
Toluene-d8
Concen: 47.858 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025000.D
Acq: 28 Jun 2018 05:23

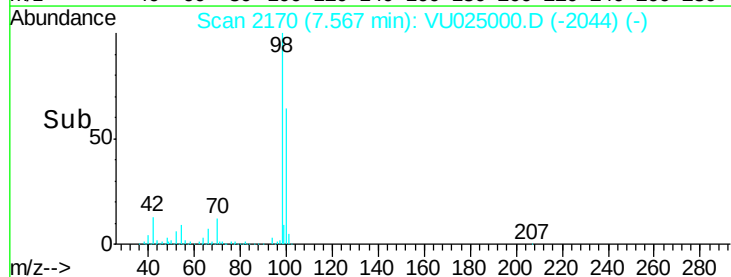
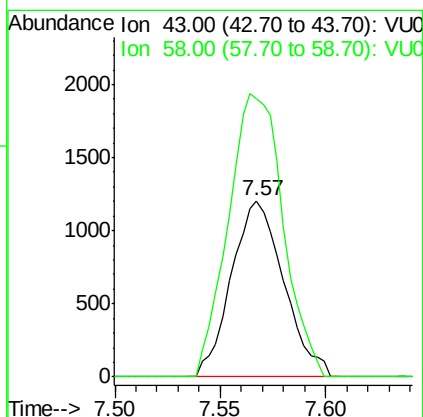
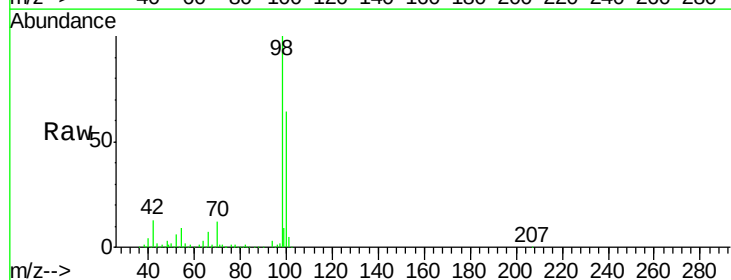
Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-17-19-180621ME

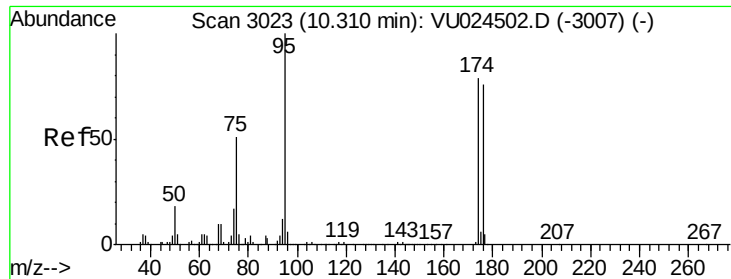
Tgt Ion: 98 Resp: 447872
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7



#51
4-Methyl-2-Pentanone
Concen: 0.484 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.11 min
Lab File: VU025000.D
Acq: 28 Jun 2018 05:23

Tgt Ion: 43 Resp: 2080
Ion Ratio Lower Upper
43 100
58 167.8 30.0 45.0#

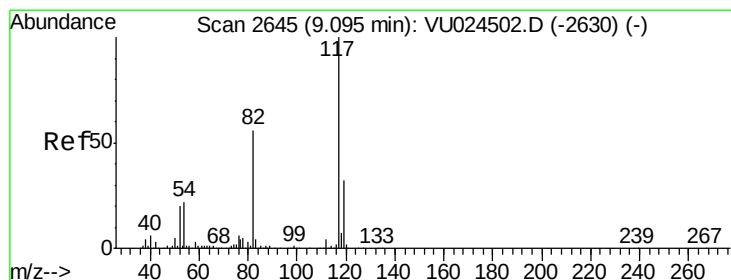
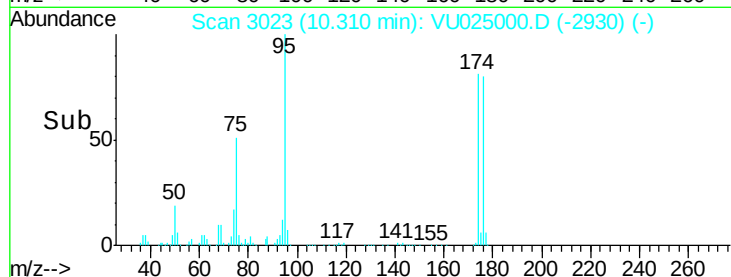
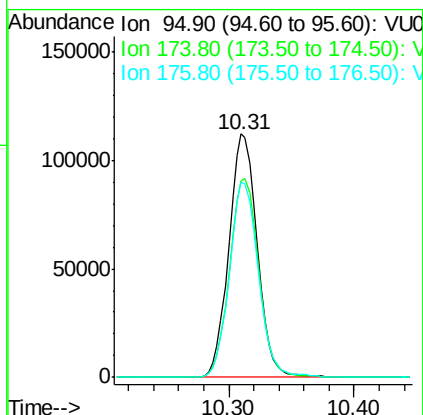
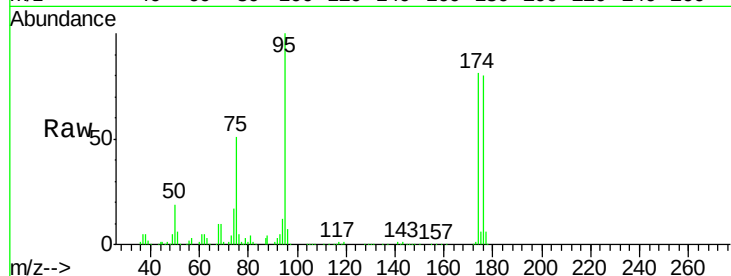




#62
4-Bromofluorobenzene
Concen: 47.397 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025000.D
Acq: 28 Jun 2018 05:23

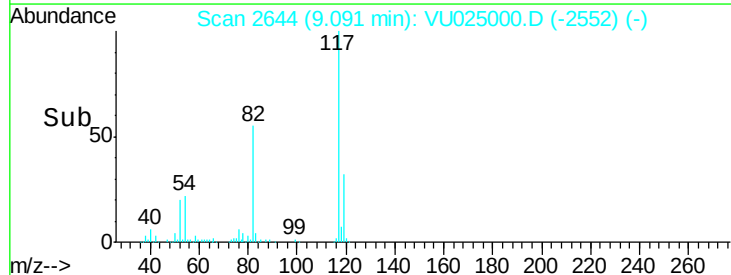
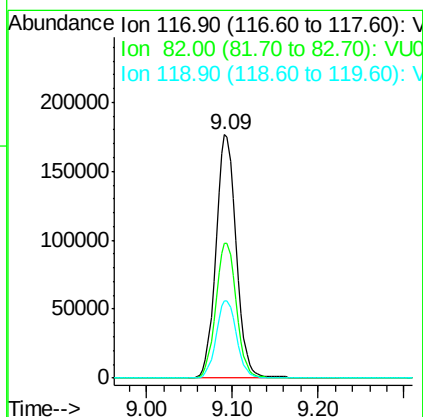
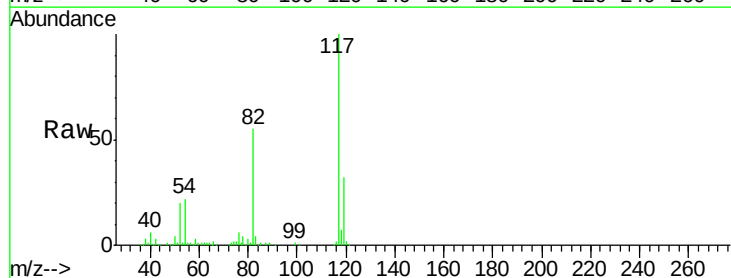
Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-17-19-180621ME

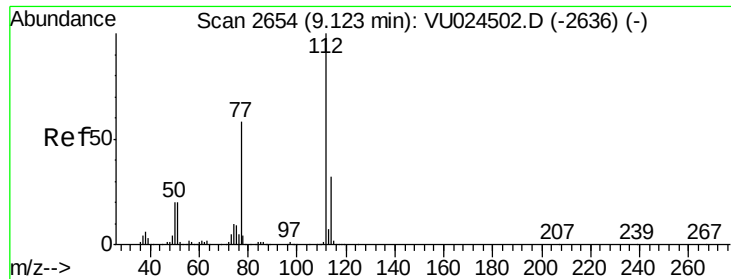
Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	165.8
176	82.1	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025000.D
Acq: 28 Jun 2018 05:23

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.3	66.5
119	31.9	25.4	38.2

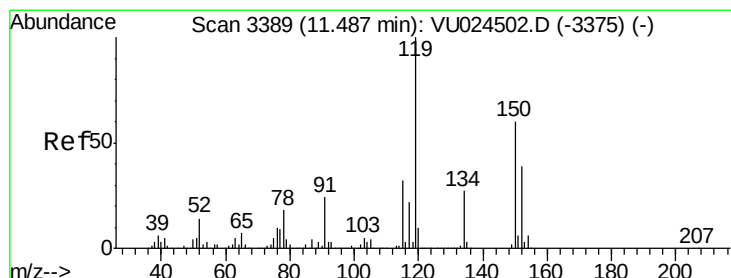
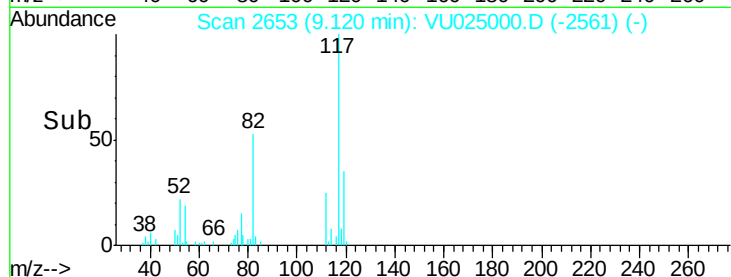
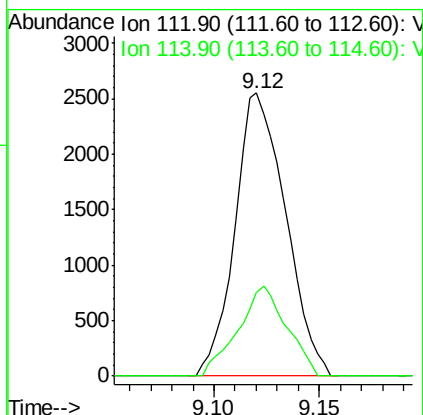
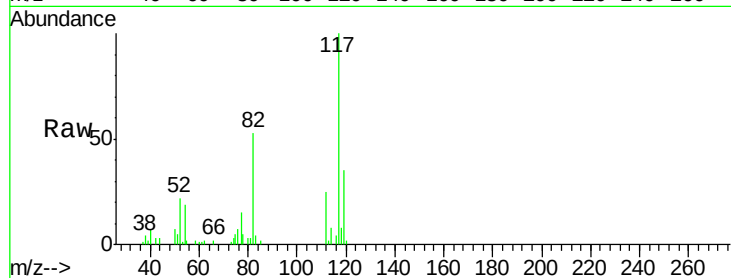




#65
Chlorobenzene
Concen: 0.572 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU025000.D
Acq: 28 Jun 2018 05:23

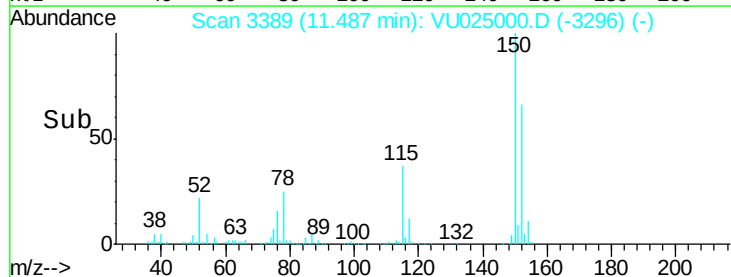
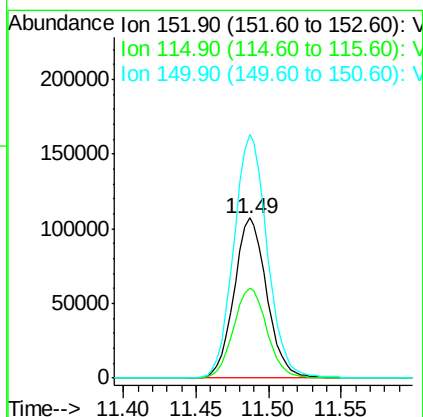
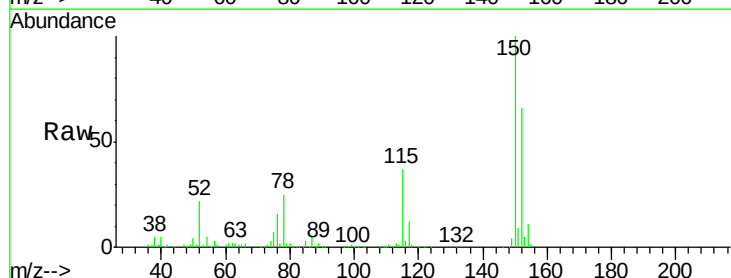
Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-17-19-180621ME

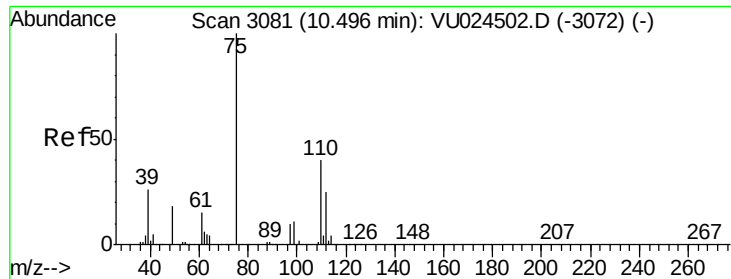
Tgt Ion:112 Resp: 4248
Ion Ratio Lower Upper
112 100
114 29.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025000.D
Acq: 28 Jun 2018 05:23

Tgt Ion:152 Resp: 168118
Ion Ratio Lower Upper
152 100
115 57.6 43.0 129.0
150 155.5 0.0 354.0

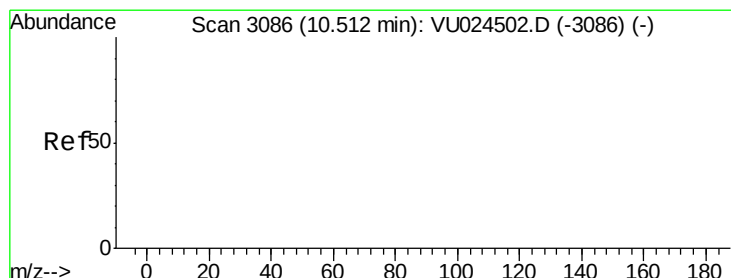
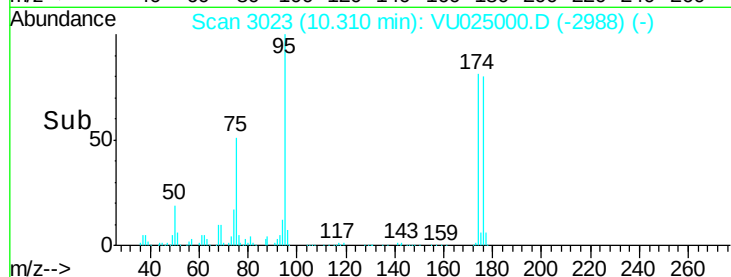
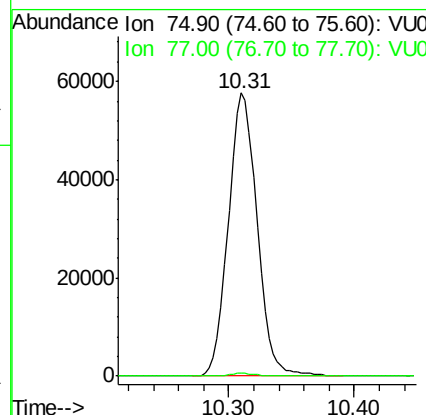
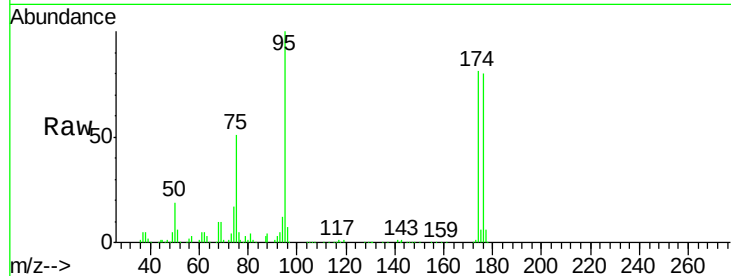




#76
 1,2,3-Trichloropropane
 Concen: 24.756 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU025000.D
 Acq: 28 Jun 2018 05:23

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-17-19-180621ME

Tgt Ion: 75 Resp: 91630
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.9 62.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.295 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.20 min
 Lab File: VU025000.D
 Acq: 28 Jun 2018 05:23

Tgt Ion: 75 Resp: 91630
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

