

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
 Data File : VU025049.D
 Acq On : 29 Jun 2018 03:36
 Operator : MD/SY
 Sample : J3671-18ME
 Misc : 6.44g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-17-19-180621ME

Quant Time: Jun 29 05:16:49 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	4.98	168	230494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	345979	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	341932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	203269	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	173886	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
35) Dibromofluoromethane	4.89	113	133415	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	
50) Toluene-d8	7.57	98	510346	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	10.32	95	211390	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	908	0.308	ug/l	99
6) Chloroethane	1.70	64	141	Below Cal		98
8) Diethyl Ether	1.94	74	42	Below Cal		66
10) Methyl Iodide	2.40	142	267	5.387	ug/l #	40
11) Tert butyl alcohol	2.83	59	9323	10.187	ug/l #	76
13) Acrolein	2.20	56	125	0.260	ug/l #	13
16) Acetone	2.35	43	1142	0.565	ug/l	99
18) Methyl Acetate	2.63	43	1110	0.256	ug/l #	73
29) Tetrahydrofuran	4.66	42	820	0.488	ug/l #	83
31) Cyclohexane	4.98	56	4974	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	17006	4.183	ug/l #	50
38) Carbon Tetrachloride	4.98	117	21860	4.890	ug/l #	16
39) Methylcyclohexane	6.41	83	4792	0.945	ug/l	90
40) Benzene	5.39	78	19565	1.689	ug/l	98
55) 1,1,2-Trichloroethane	8.04	97	944	0.312	ug/l #	28
59) 2-Hexanone	8.18	43	1871	0.476	ug/l	66
65) Chlorobenzene	9.13	112	321272	36.779	ug/l	98
67) Ethyl Benzene	9.26	91	5866	0.383	ug/l	90
73) Isopropylbenzene	10.17	105	10505	0.673	ug/l	100
74) N-amyl acetate	10.01	43	9689	1.305	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	10.49	83	6557	1.254	ug/l #	25
76) 1,2,3-Trichloropropane	10.32	75	110478	24.686	ug/l #	37
78) n-propylbenzene	10.60	91	24196	1.316	ug/l	99
79) 2-Chlorotoluene	10.60	91	24196	2.232	ug/l #	41
80) 1,3,5-Trimethylbenzene	10.78	105	11187	0.827	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.32	75	110478	57.135	ug/l #	100
83) tert-Butylbenzene	11.10	119	16119	1.239	ug/l	92
84) 1,2,4-Trimethylbenzene	11.16	105	19724	1.431	ug/l	99
85) sec-Butylbenzene	11.33	105	42256	2.594	ug/l	97
86) p-Isopropyltoluene	11.48	119	28010	1.920	ug/l	99
87) 1,3-Dichlorobenzene	11.51	146	36005	4.933	ug/l	91
88) 1,4-Dichlorobenzene	11.51	146	36005	4.901	ug/l	90
89) n-Butylbenzene	11.89	91	41777	3.226	ug/l #	60
90) Hexachloroethane	12.15	117	3446	1.211	ug/l #	8

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	11.89	146	19234	2.631	ug/l	93
95) Naphthalene	13.75	128	31308	2.745	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Instrument :

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ClientSampleId :

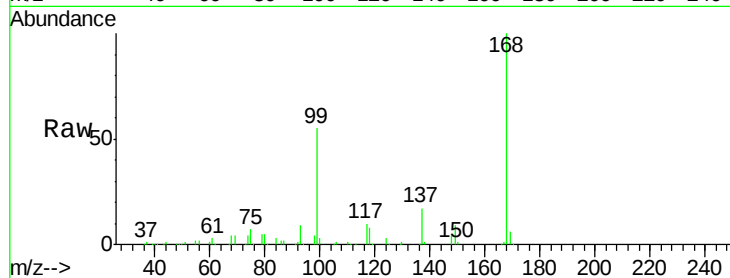
WP021SB481-17-19-180621ME

Tgt Ion:168 Resp: 230494

Ion Ratio Lower Upper

168 100

99 54.6 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

120000

100000

80000

60000

40000

20000

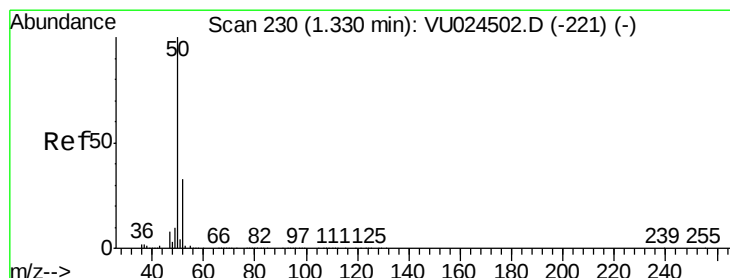
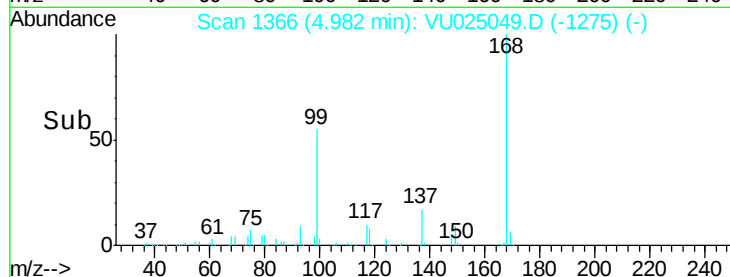
0

4.90

5.00

5.10

Time-->



#3

Chloromethane

Concen: 0.308 ug/l

RT: 1.32 min Scan# 228

Delta R.T. -0.01 min

Lab File: VU025049.D

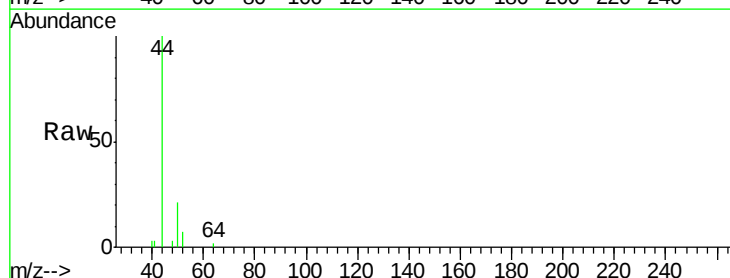
Acq: 29 Jun 2018 03:36

Tgt Ion: 50 Resp: 908

Ion Ratio Lower Upper

50 100

52 33.4 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU024502.D (-221) (-)

1000

800

600

400

200

0

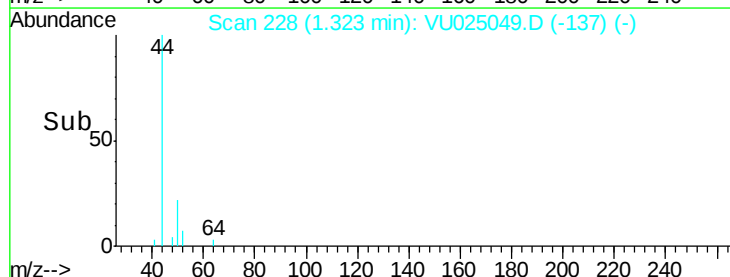
1.30

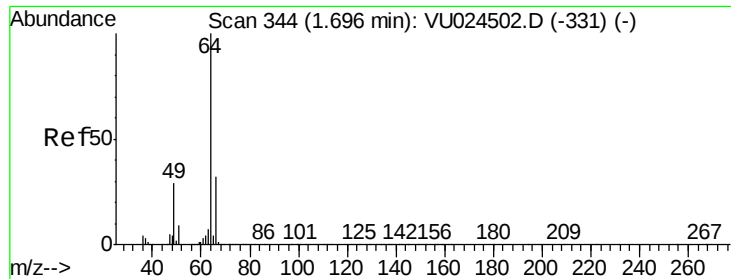
1.32

1.34

1.36

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Instrument :

MSVOA_U

ClientSampleId :

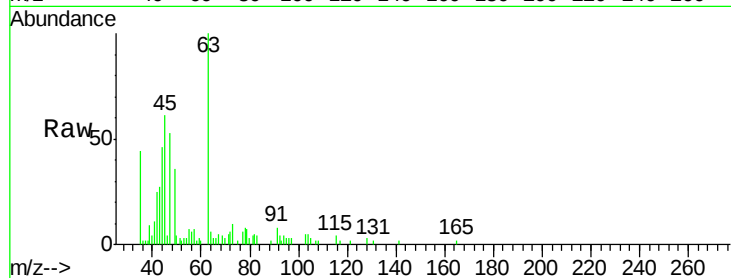
WP021SB481-17-19-180621ME

Tgt Ion: 64 Resp: 141

Ion Ratio Lower Upper

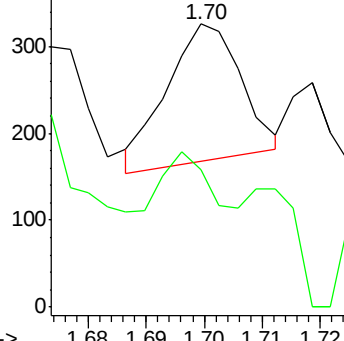
64 100

66 33.1 25.5 38.3

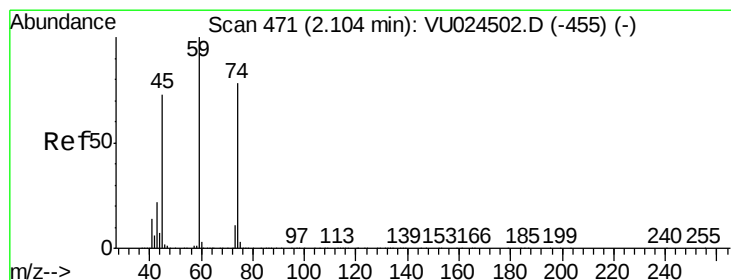
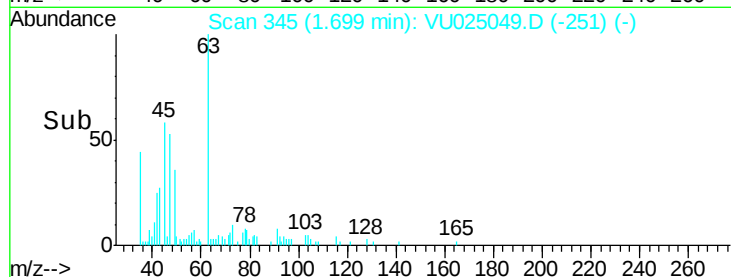


Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 1.94 min Scan# 420

Delta R.T. -0.16 min

Lab File: VU025049.D

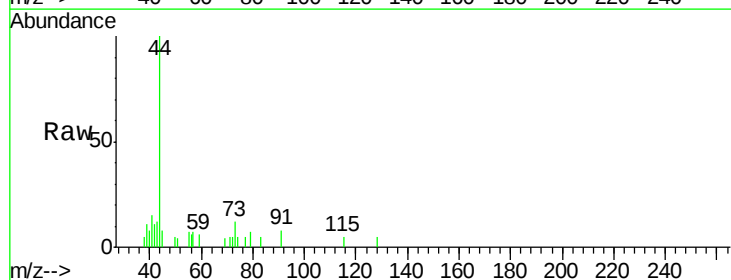
Acq: 29 Jun 2018 03:36

Tgt Ion: 74 Resp: 42

Ion Ratio Lower Upper

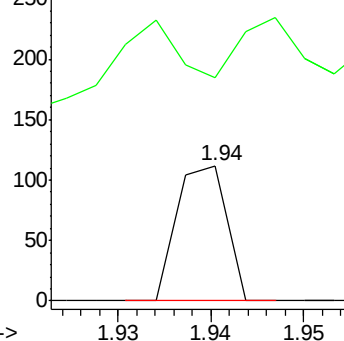
74 100

45 73.8 55.0 165.0

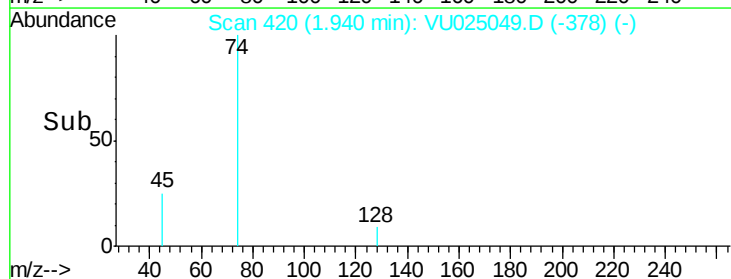


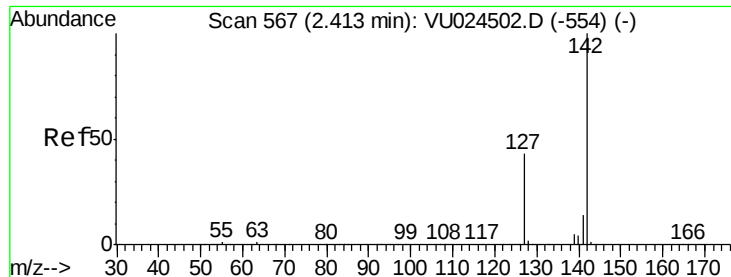
Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0



Time-->





#10

Methyl Iodide

Concen: 5.387 ug/l

RT: 2.40 min Scan# 562

Delta R.T. -0.02 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-17-19-180621ME

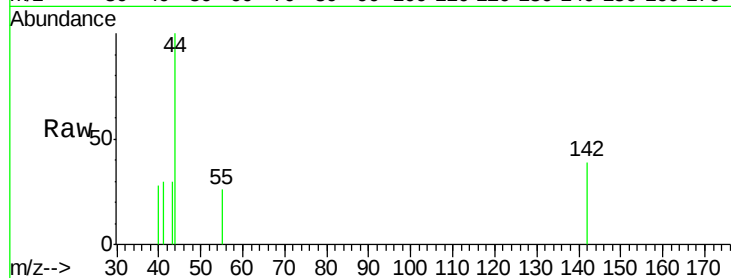
Tgt Ion:142 Resp: 267

Ion Ratio Lower Upper

142 100

127 0.0 35.6 53.4#

141 0.0 11.7 17.5#



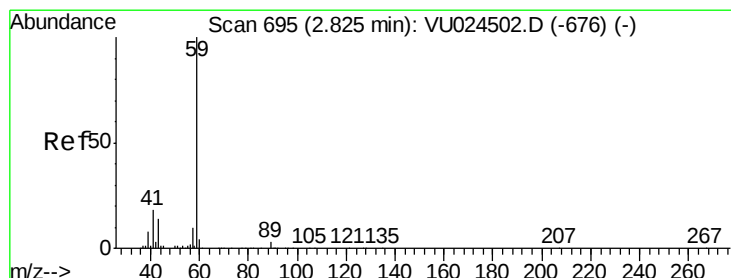
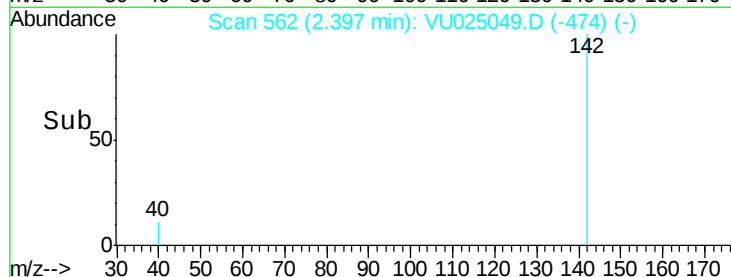
Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

Time-->

2.38 2.40 2.42



#11

Tert butyl alcohol

Concen: 10.187 ug/l

RT: 2.83 min Scan# 698

Delta R.T. 0.01 min

Lab File: VU025049.D

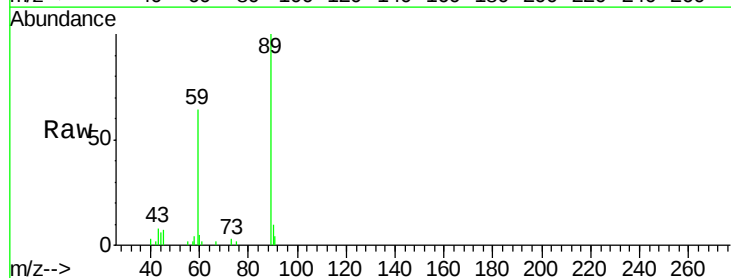
Acq: 29 Jun 2018 03:36

Tgt Ion: 59 Resp: 9323

Ion Ratio Lower Upper

59 100

57 1.6 8.5 12.7#

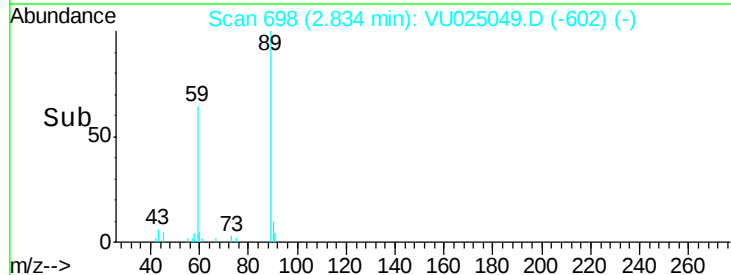


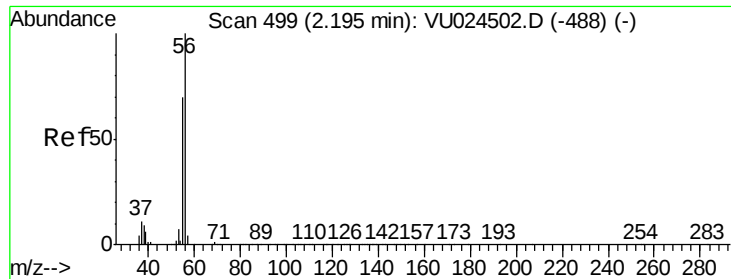
Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Time-->

2.75 2.80 2.85 2.90





#13

Acrolein

Concen: 0.260 ug/l

RT: 2.20 min Scan# 501

Delta R.T. 0.01 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Instrument :

MSVOA_U

ClientSampleId :

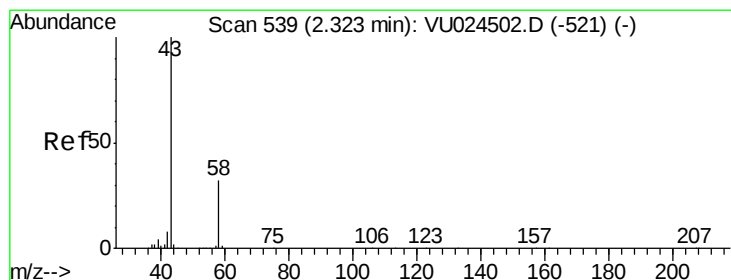
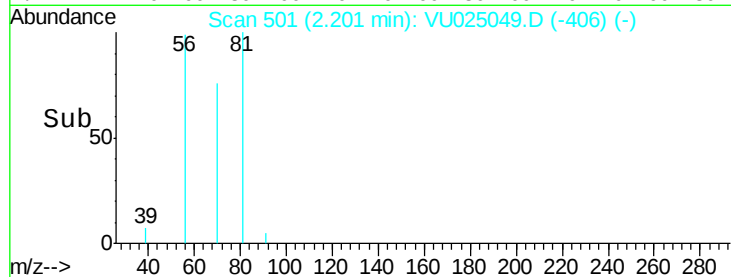
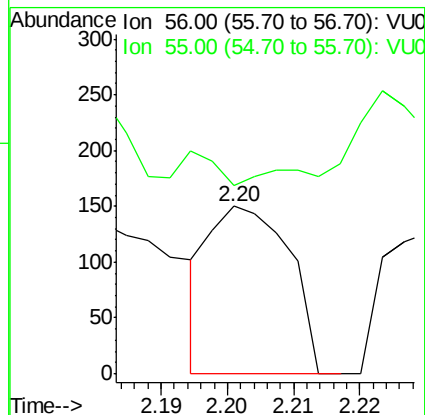
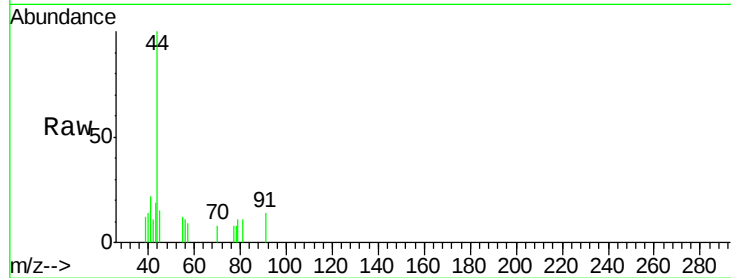
WP021SB481-17-19-180621ME

Tgt Ion: 56 Resp: 125

Ion Ratio Lower Upper

56 100

55 0.0 58.4 87.6#



#16

Acetone

Concen: 0.565 ug/l

RT: 2.35 min Scan# 548

Delta R.T. 0.03 min

Lab File: VU025049.D

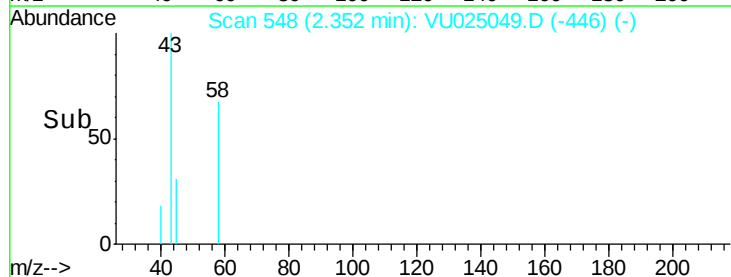
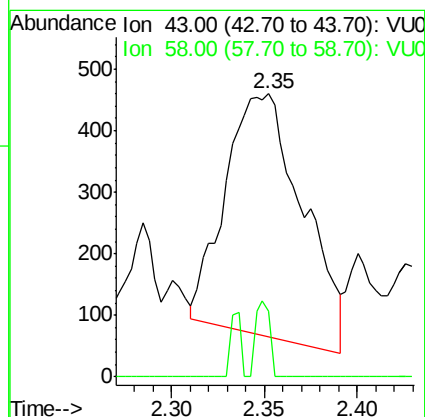
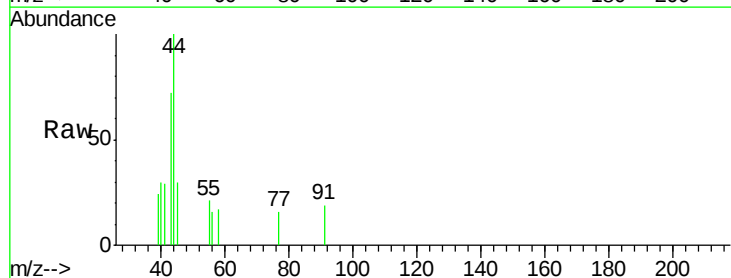
Acq: 29 Jun 2018 03:36

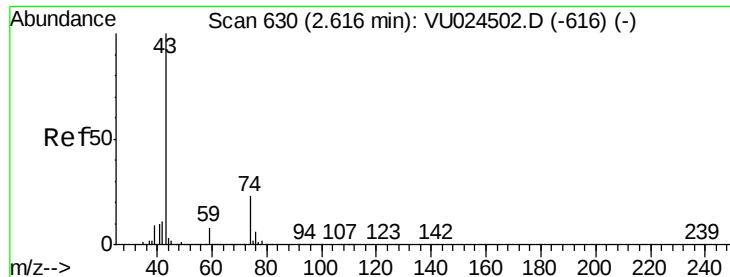
Tgt Ion: 43 Resp: 1142

Ion Ratio Lower Upper

43 100

58 30.8 24.4 36.6

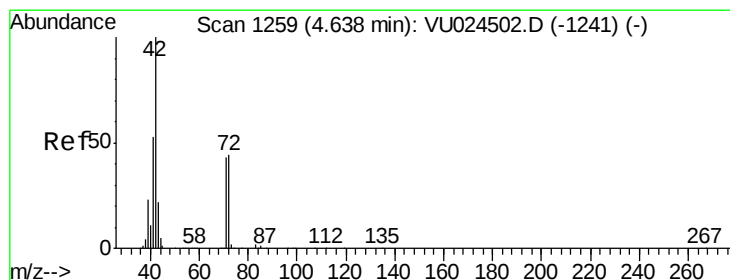
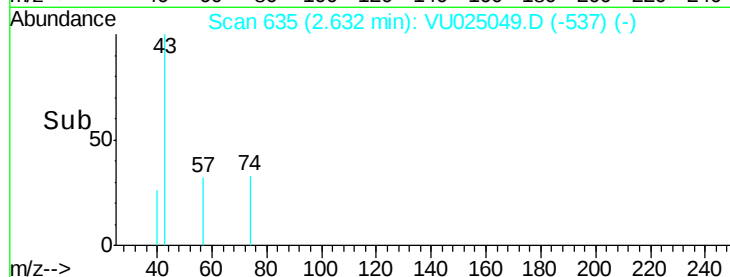
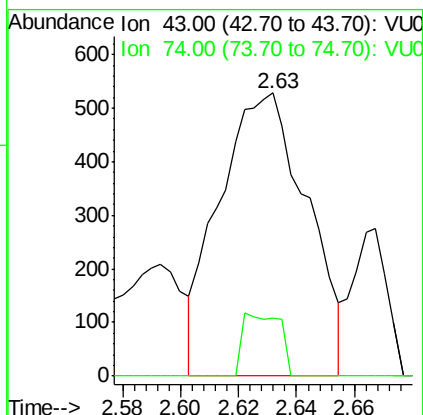
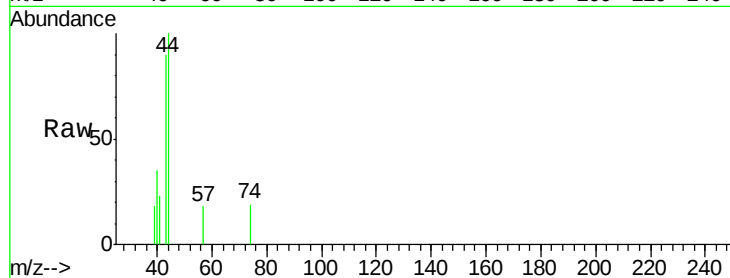




#18
Methyl Acetate
Concen: 0.256 ug/l
RT: 2.63 min Scan# 635
Delta R.T. 0.02 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

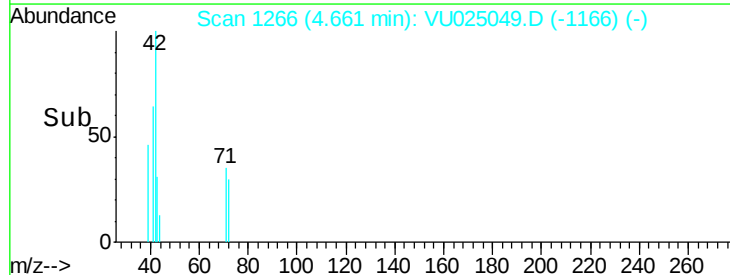
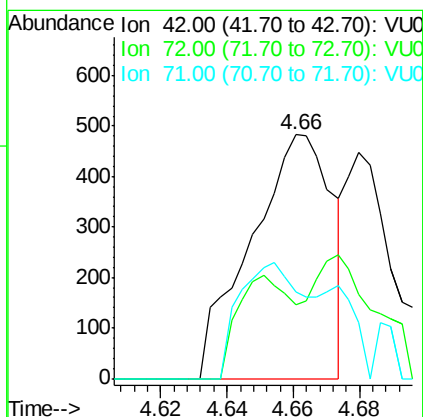
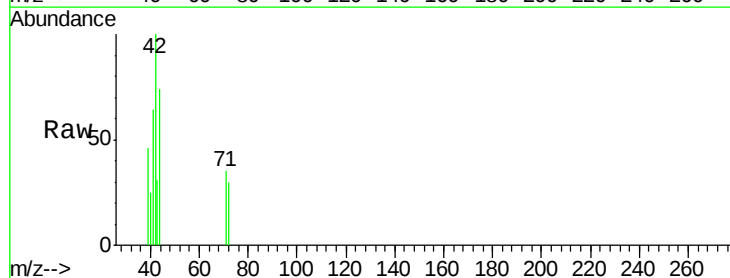
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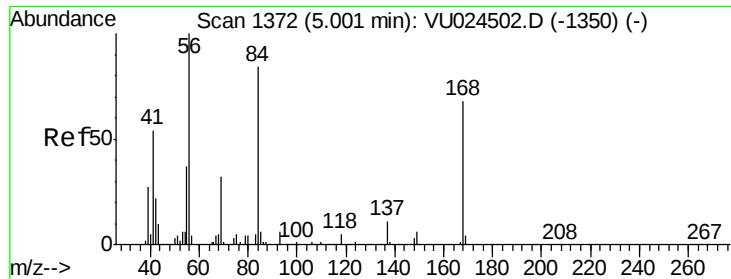
Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
74 9.5 18.0 27.0#



#29
Tetrahydrofuran
Concen: 0.488 ug/l
RT: 4.66 min Scan# 1266
Delta R.T. 0.02 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

Tgt Ion: 42 Resp: 820
Ion Ratio Lower Upper
42 100
72 27.4 34.5 51.7#
71 35.2 32.2 48.4

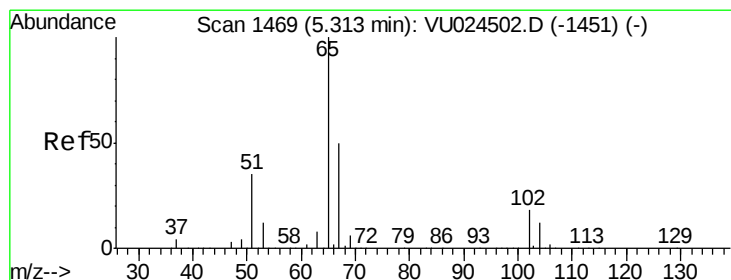
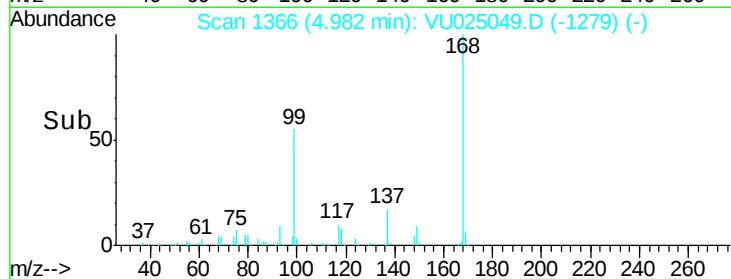
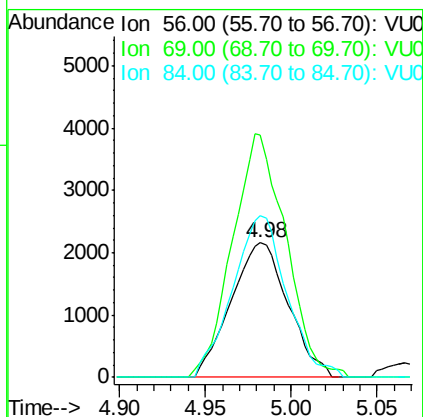
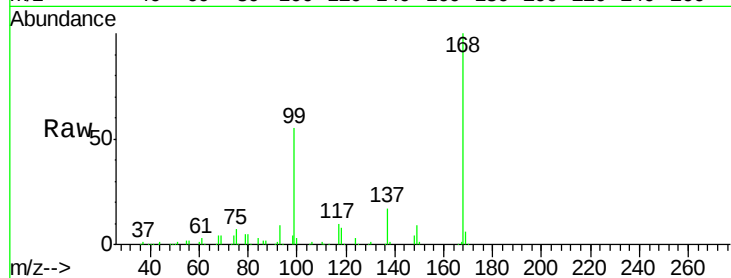




#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1366
Delta R.T. -0.02 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

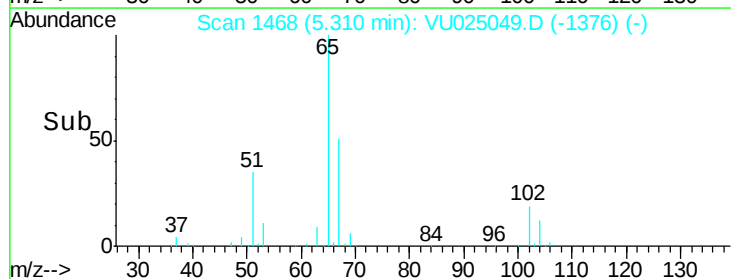
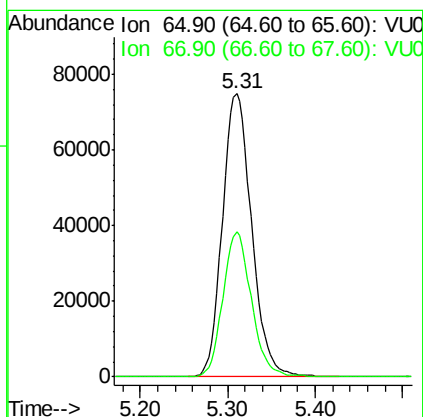
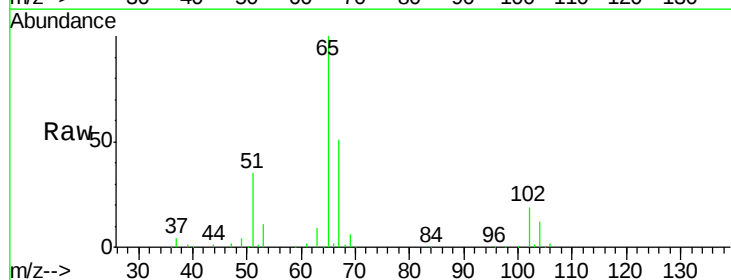
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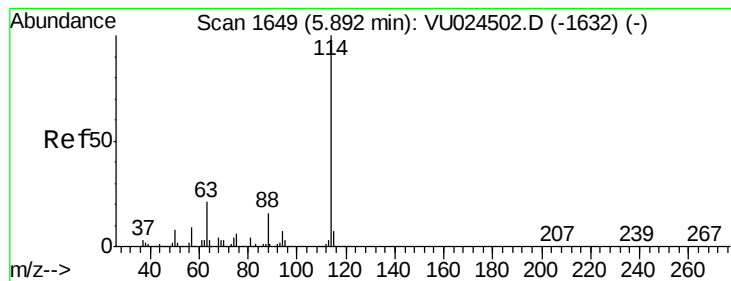
Tgt Ion: 56 Resp: 4974
Ion Ratio Lower Upper
56 100
69 180.4 24.8 37.2#
84 120.4 65.2 97.8#



#33
1,2-Dichloroethane-d4
Concen: 46.211 ug/l
RT: 5.31 min Scan# 1468
Delta R.T. -0.00 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

Tgt Ion: 65 Resp: 173886
Ion Ratio Lower Upper
65 100
67 49.9 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1647

Delta R.T. -0.01 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-17-19-180621ME

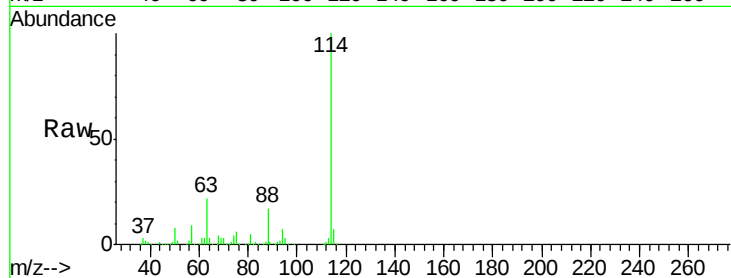
Tgt Ion:114 Resp: 345979

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.4

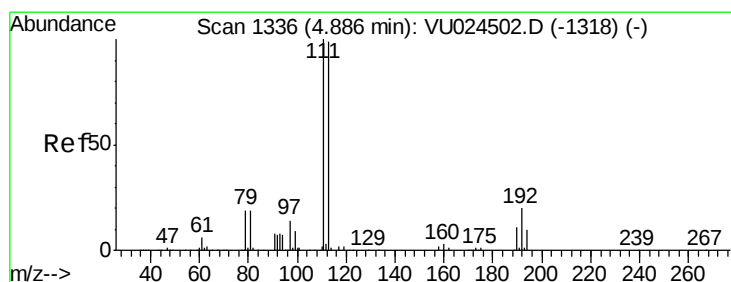
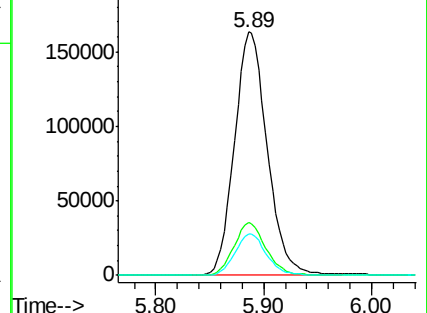
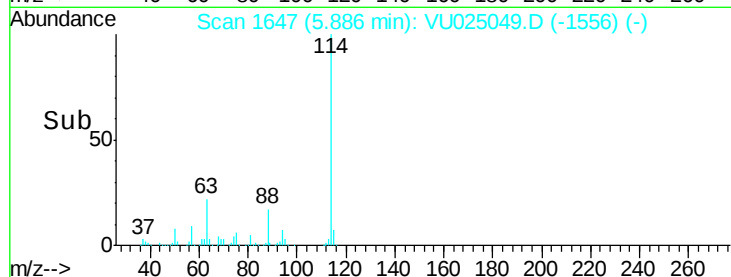
88 16.8 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 46.464 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

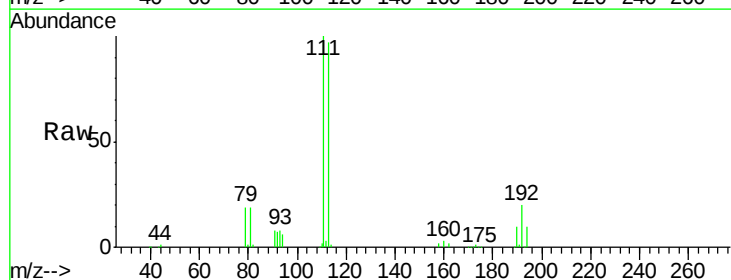
Tgt Ion:113 Resp: 133415

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

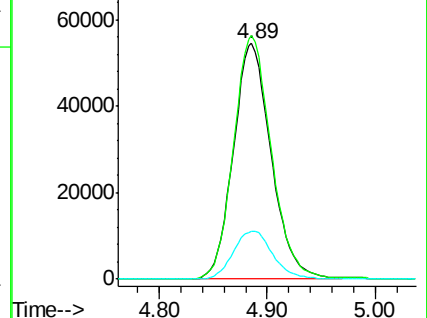
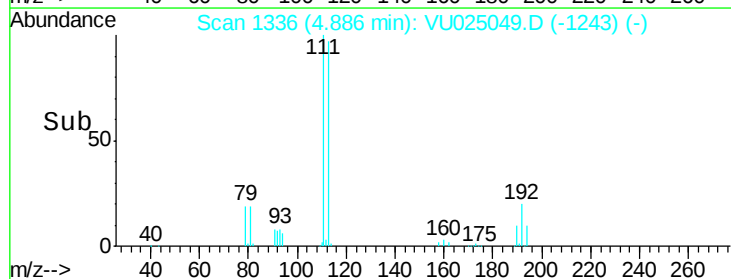
192 21.2 16.2 24.4

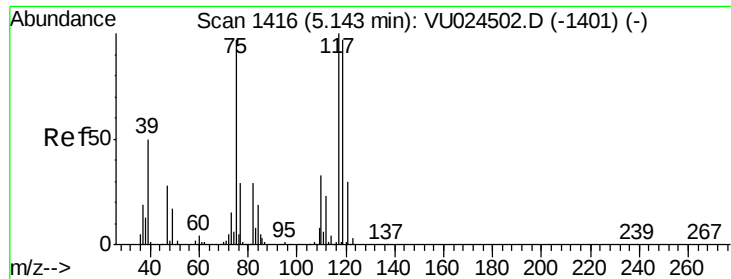


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.183 ug/l

RT: 4.98 min Scan# 1365

Delta R.T. -0.16 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-17-19-180621ME

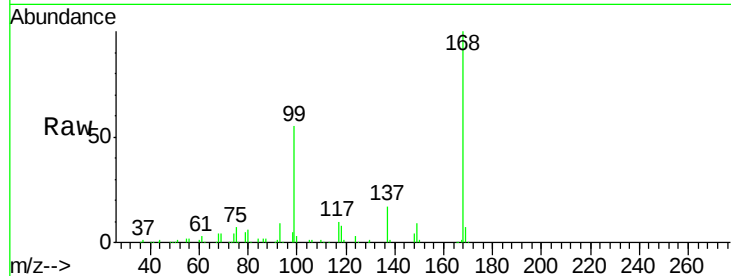
Tgt Ion: 75 Resp: 17006

Ion Ratio Lower Upper

75 100

110 8.4 17.0 50.9#

77 0.0 24.2 36.4#

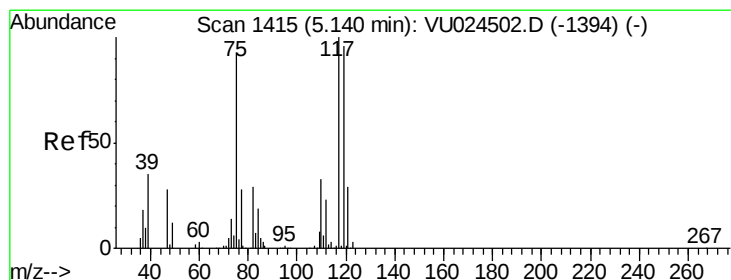
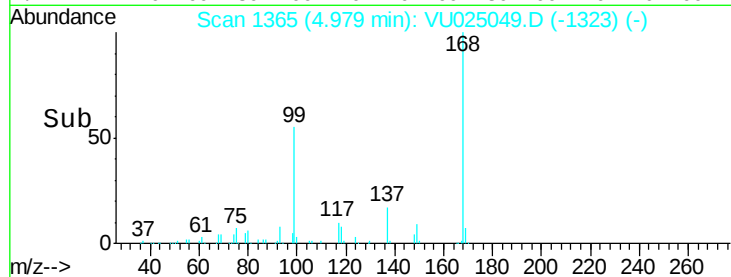
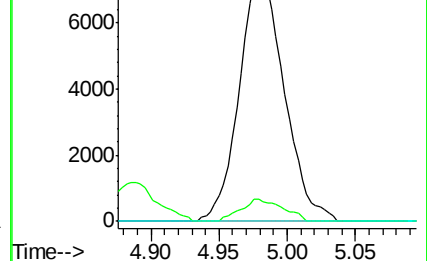


Abundance Ion 74.90 (74.60 to 75.60): VU025049.D (-1365) (-)

Ion 109.90 (109.60 to 110.60): VU025049.D (-1365) (-)

Ion 76.90 (76.60 to 77.60): VU025049.D (-1365) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.890 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.16 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

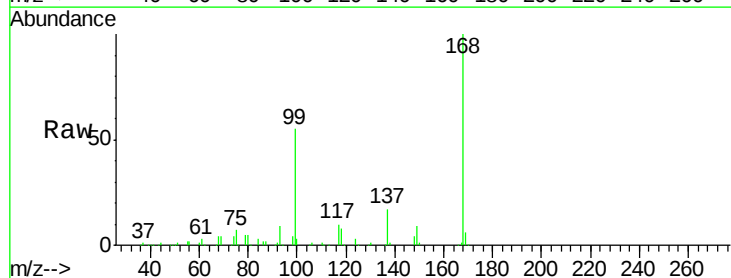
Tgt Ion: 117 Resp: 21860

Ion Ratio Lower Upper

117 100

119 4.8 76.1 114.1#

121 0.0 23.7 35.5#

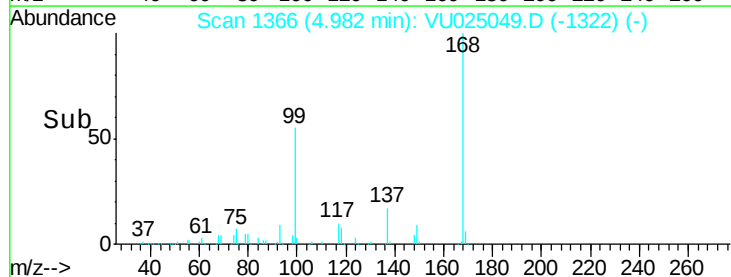
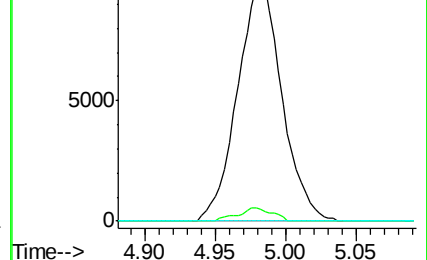


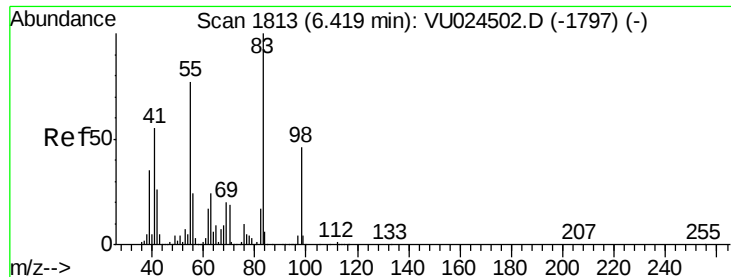
Abundance Ion 116.80 (116.50 to 117.50): VU025049.D (-1366) (-)

Ion 118.80 (118.50 to 119.50): VU025049.D (-1366) (-)

Ion 120.80 (120.50 to 121.50): VU025049.D (-1366) (-)

Time-->

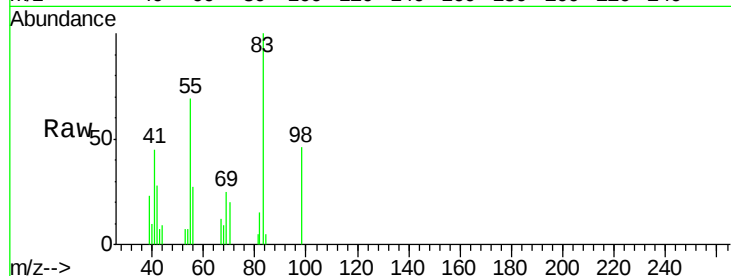




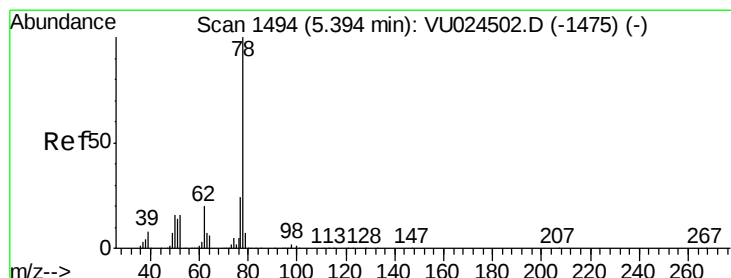
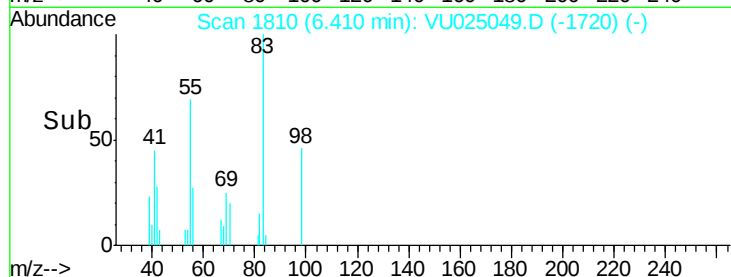
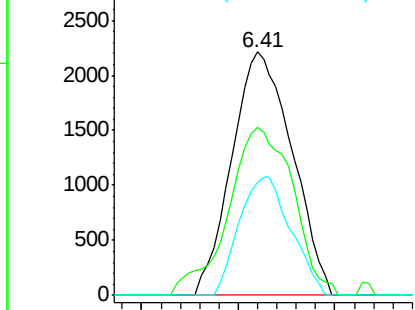
#39
Methylcyclohexane
Concen: 0.945 ug/l
RT: 6.41 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-17-19-180621ME

Tgt Ion: 83 Resp: 4792
Ion Ratio Lower Upper
83 100
55 69.1 65.8 98.6
98 46.3 36.7 55.1

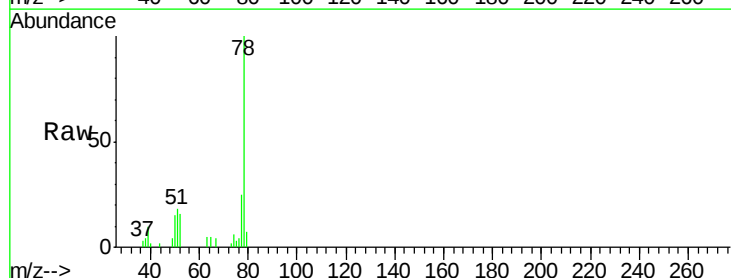


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

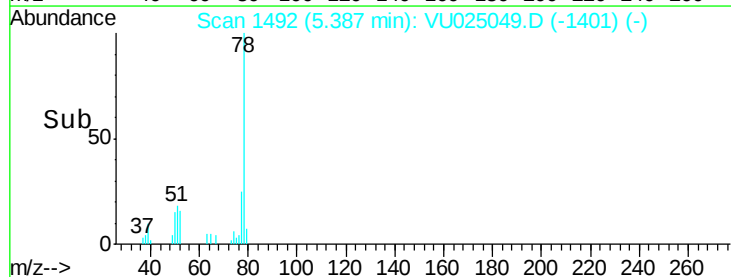
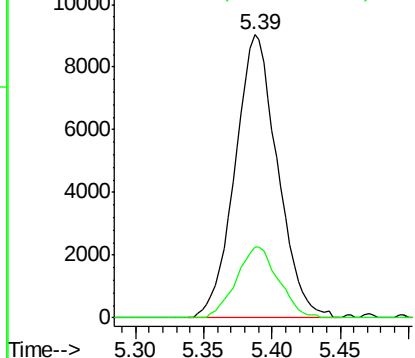


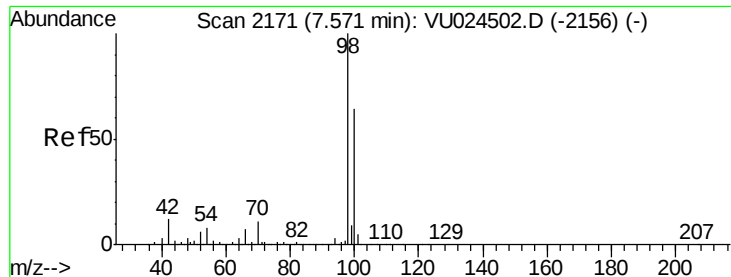
#40
Benzene
Concen: 1.689 ug/l
RT: 5.39 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

Tgt Ion: 78 Resp: 19565
Ion Ratio Lower Upper
78 100
77 25.0 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#50

Toluene-d8

Concen: 48.727 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Instrument :

MSVOA_U

ClientSampleId :

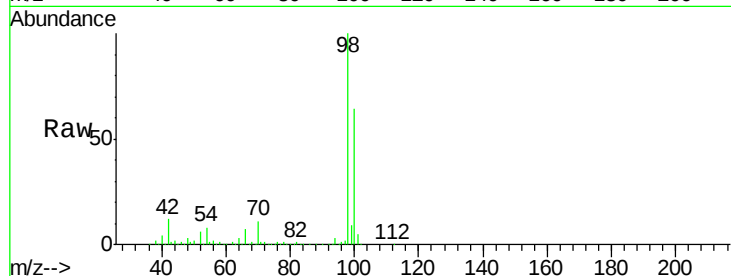
WP021SB481-17-19-180621ME

Tgt Ion: 98 Resp: 510346

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024502.D (-2156) (-)

Ion 100.00 (99.70 to 100.70): VU024502.D (-2156) (-)

7.57

300000

250000

200000

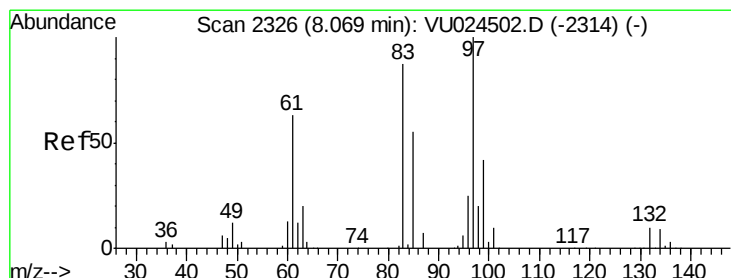
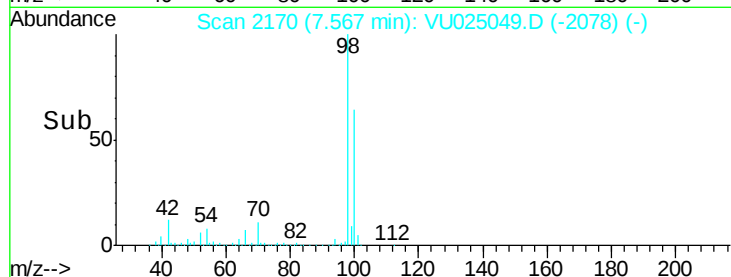
150000

100000

50000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.312 ug/l

RT: 8.04 min Scan# 2317

Delta R.T. -0.03 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Tgt Ion: 97 Resp: 944

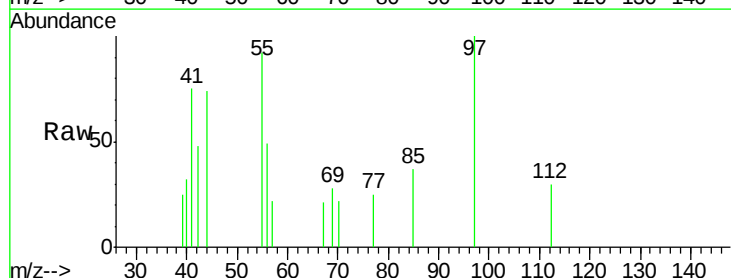
Ion Ratio Lower Upper

97 100

83 0.0 70.5 105.7#

85 37.1 46.4 69.6#

99 0.0 50.2 75.2#



Abundance Ion 96.90 (96.60 to 97.60): VU024502.D (-2314) (-)

Ion 82.90 (82.60 to 83.60): VU024502.D (-2314) (-)

Ion 84.90 (84.60 to 85.60): VU024502.D (-2314) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-2314) (-)

800

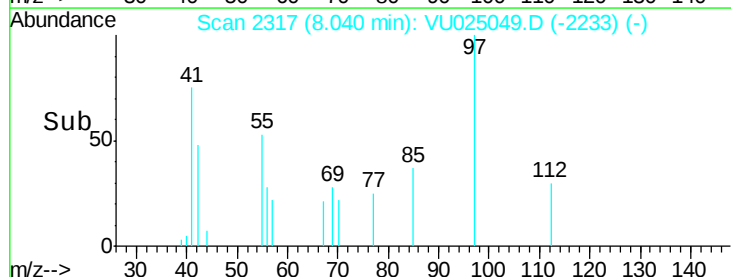
600

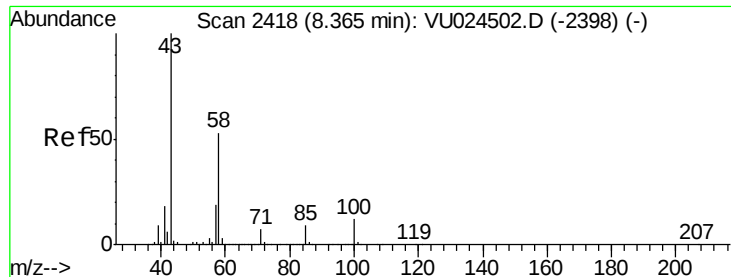
400

200

0

Time-->

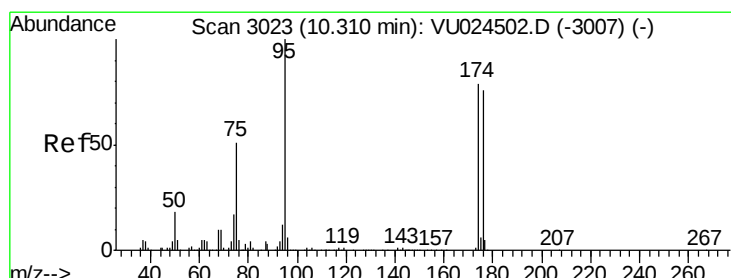
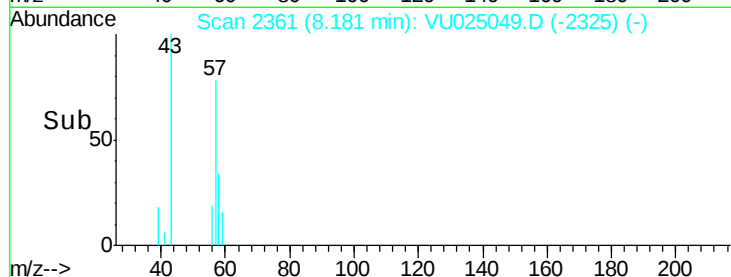
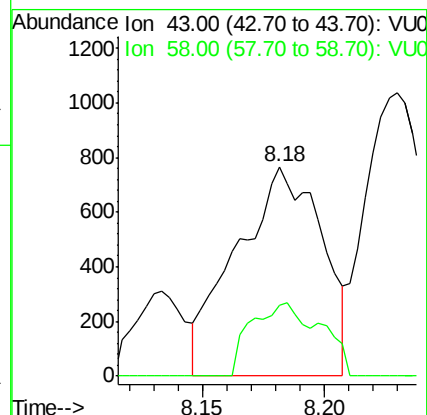
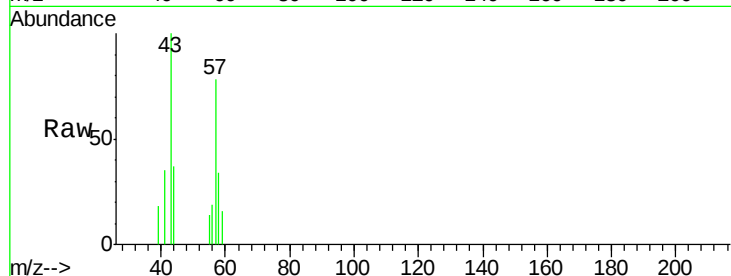




#59
2-Hexanone
Concen: 0.476 ug/l
RT: 8.18 min Scan# 2361
Delta R.T. -0.18 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

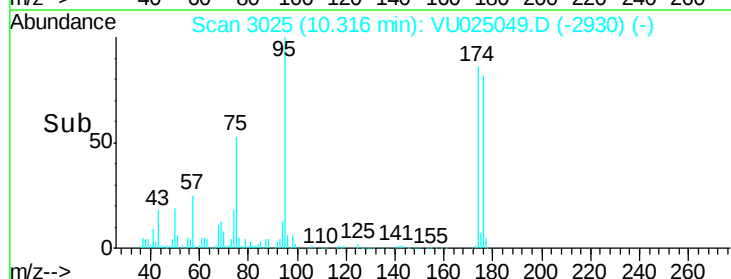
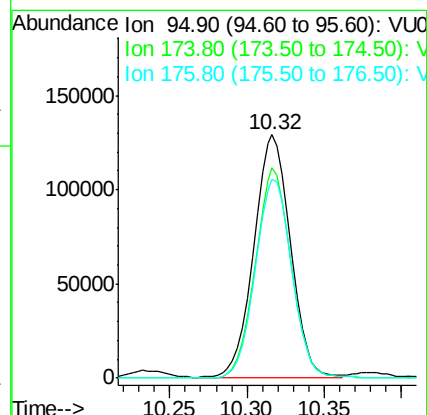
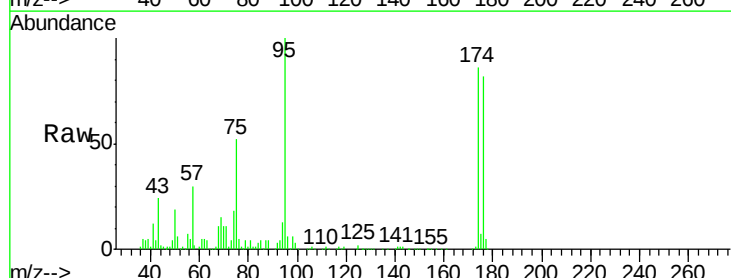
Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-17-19-180621ME

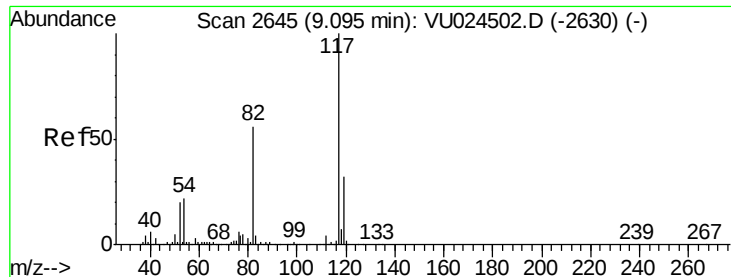
Tgt Ion: 43 Resp: 1871
Ion Ratio Lower Upper
43 100
58 28.3 26.4 79.0



#62
4-Bromofluorobenzene
Concen: 50.834 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. 0.01 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

Tgt Ion: 95 Resp: 211390
Ion Ratio Lower Upper
95 100
174 84.9 0.0 165.8
176 82.5 0.0 159.4

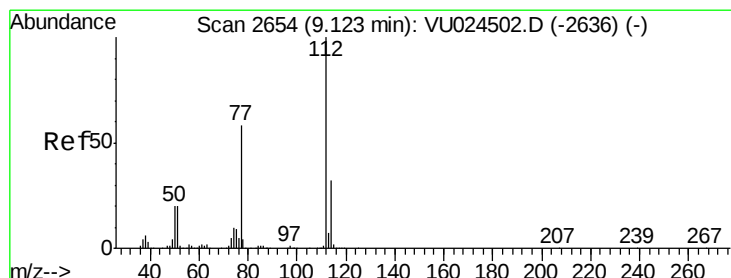
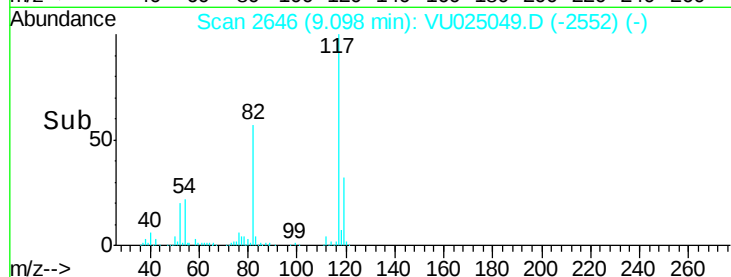
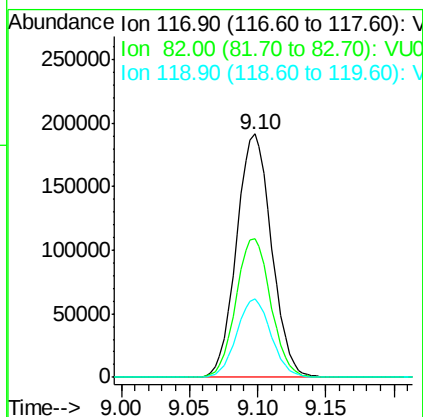
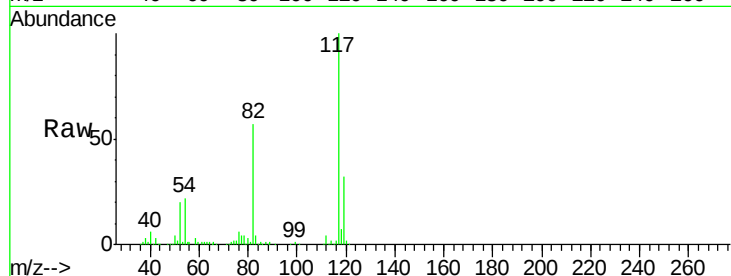




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

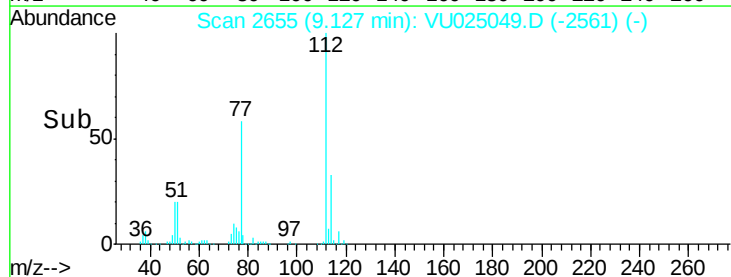
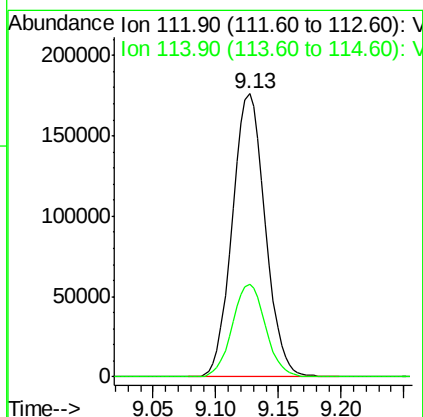
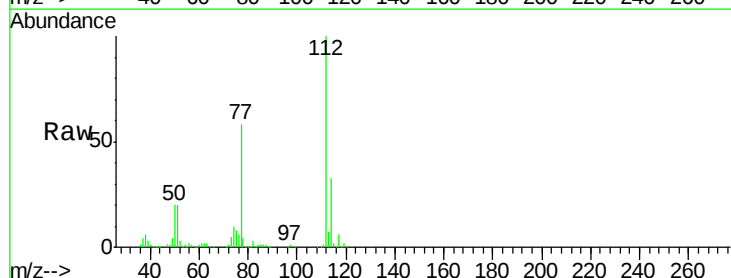
Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-17-19-180621ME

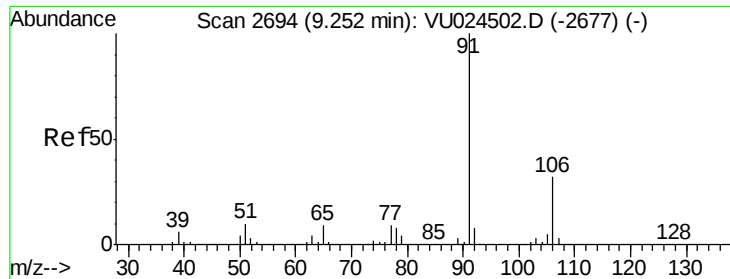
Tgt Ion:117 Resp: 341932
Ion Ratio Lower Upper
117 100
82 57.2 44.3 66.5
119 32.1 25.4 38.2



#65
Chlorobenzene
Concen: 36.779 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

Tgt Ion:112 Resp: 321272
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4

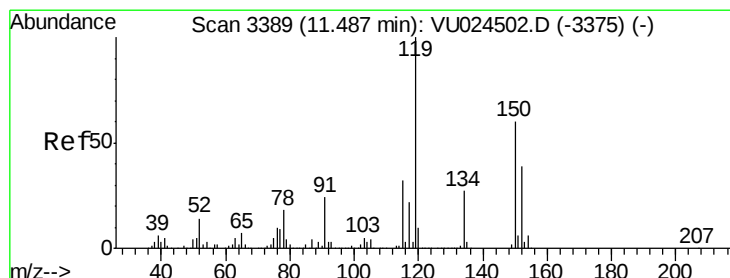
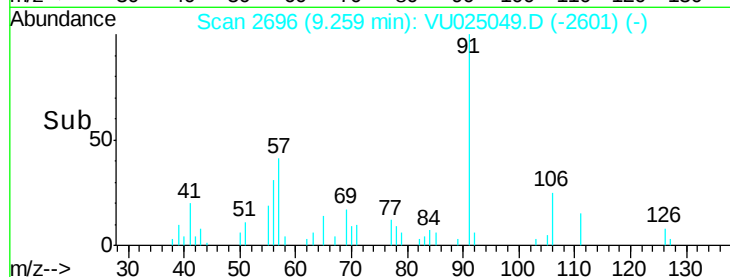
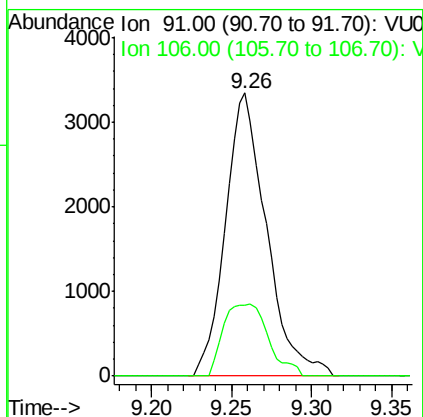
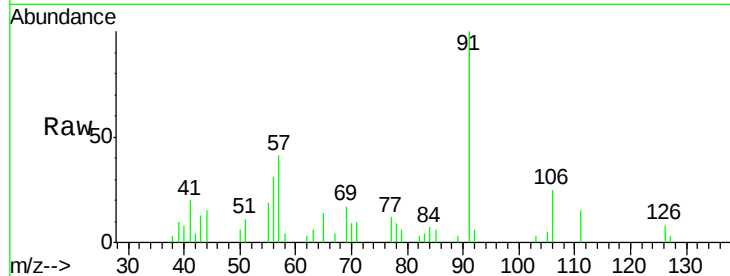




#67
Ethyl Benzene
Concen: 0.383 ug/l
RT: 9.26 min Scan# 2696
Delta R.T. 0.01 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

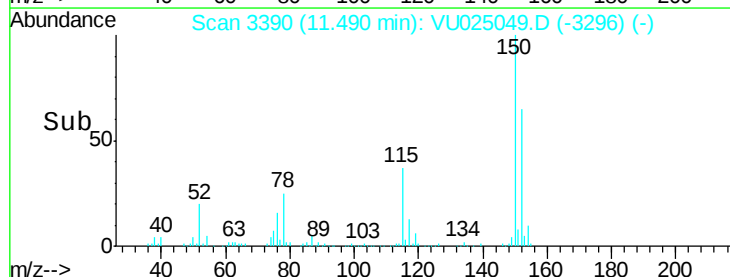
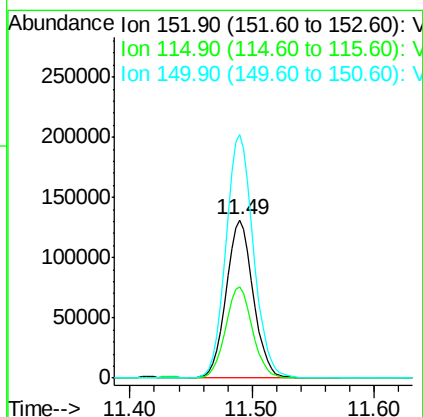
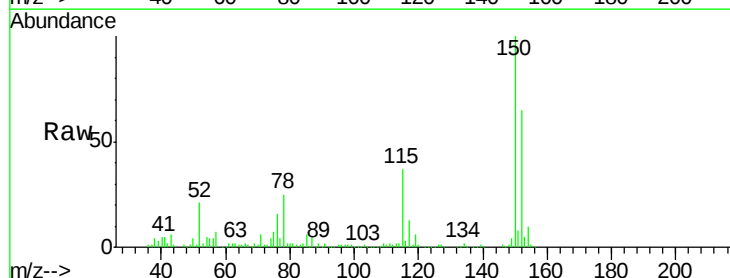
Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-17-19-180621ME

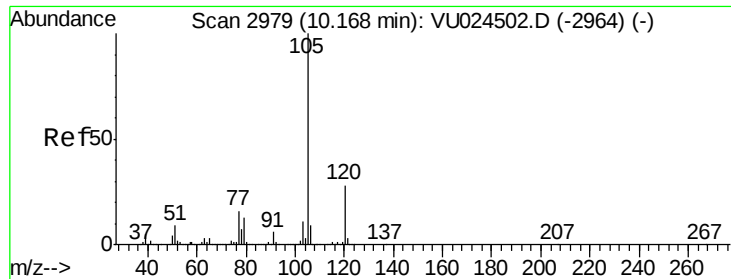
Tgt Ion: 91 Resp: 5866
Ion Ratio Lower Upper
91 100
106 25.0 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

Tgt Ion: 152 Resp: 203269
Ion Ratio Lower Upper
152 100
115 57.3 43.0 129.0
150 158.0 0.0 354.0





#73

Isopropylbenzene

Concen: 0.673 ug/l

RT: 10.17 min Scan# 2981

Delta R.T. 0.01 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Instrument :

MSVOA_U

ClientSampleId :

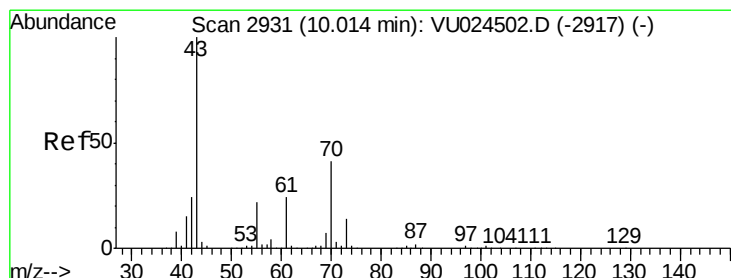
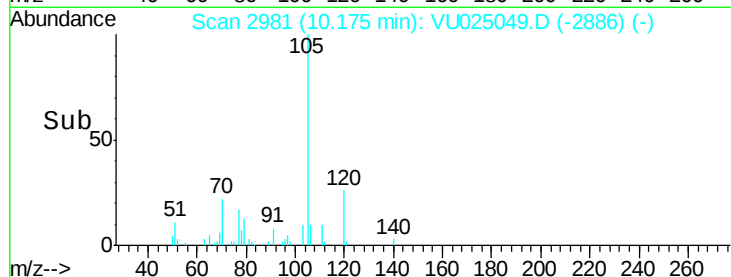
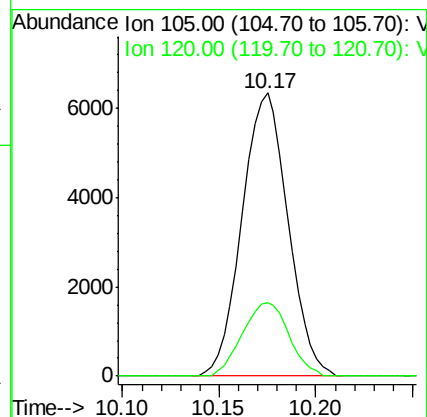
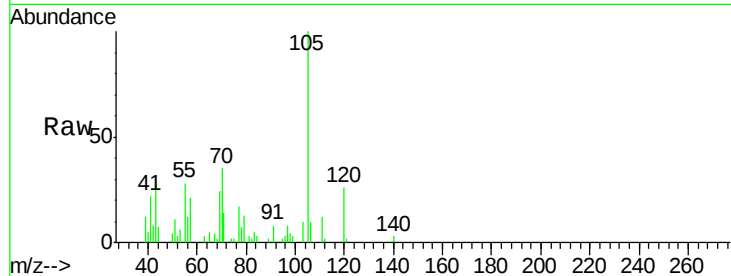
WP021SB481-17-19-180621ME

Tgt Ion:105 Resp: 10505

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 1.305 ug/l

RT: 10.01 min Scan# 2930

Delta R.T. -0.00 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Tgt Ion: 43 Resp: 9689

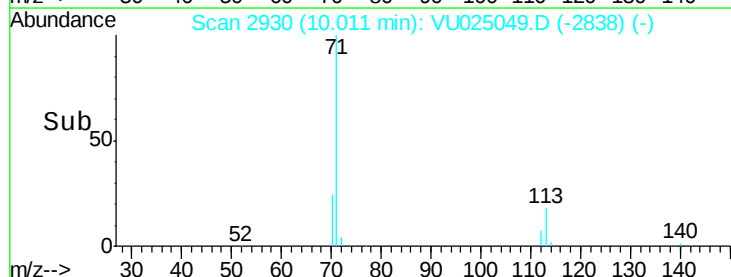
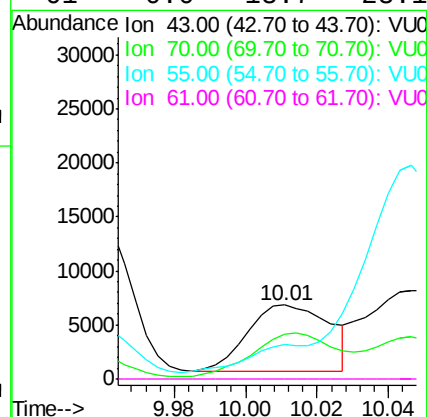
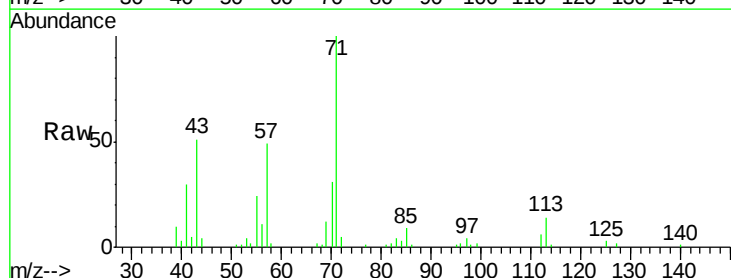
Ion Ratio Lower Upper

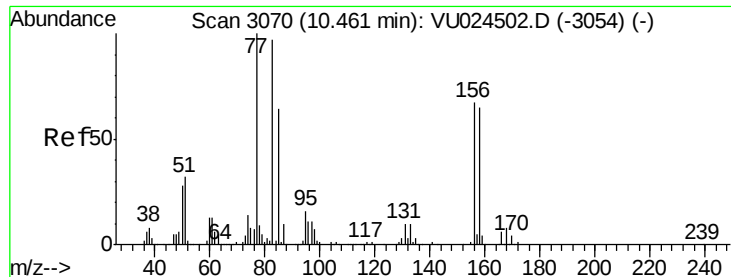
43 100

70 66.9 32.2 48.4#

55 0.0 20.5 30.7#

61 0.0 18.7 28.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.254 ug/l

RT: 10.49 min Scan# 3080

Delta R.T. 0.03 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-17-19-180621ME

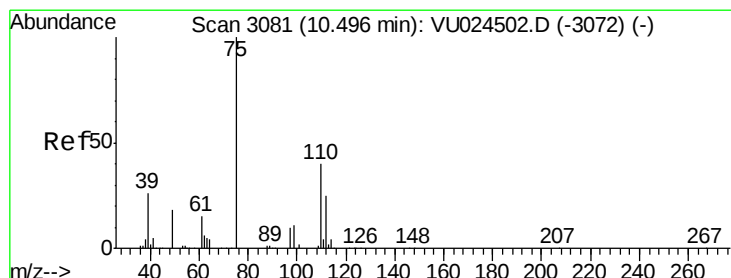
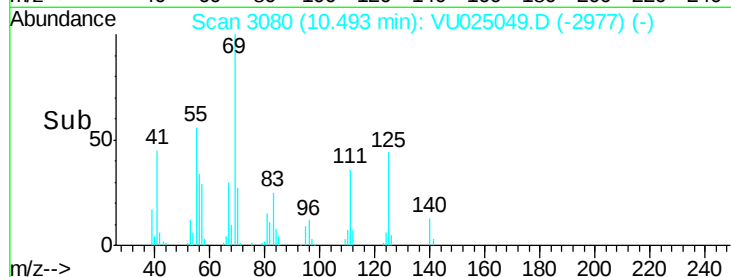
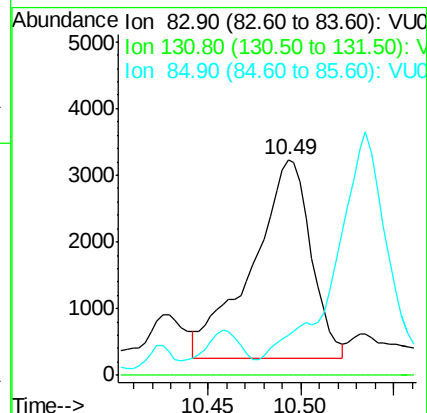
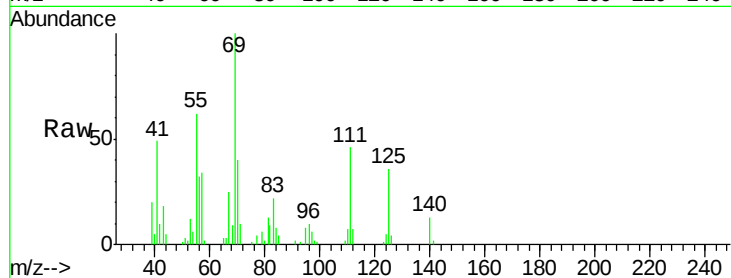
Tgt Ion: 83 Resp: 6557

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 0.0 32.5 97.5#



#76

1,2,3-Trichloropropane

Concen: 24.686 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. -0.18 min

Lab File: VU025049.D

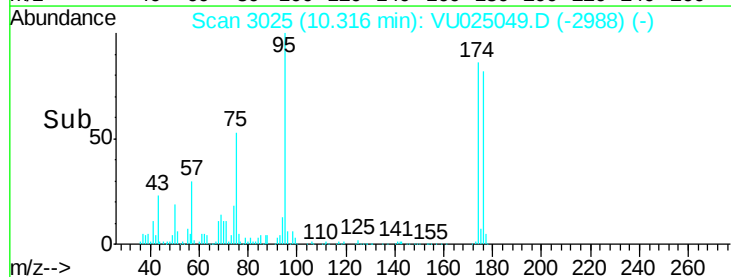
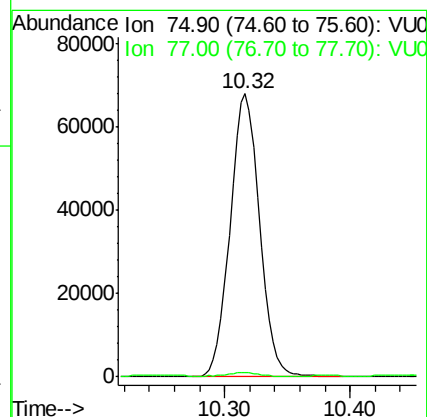
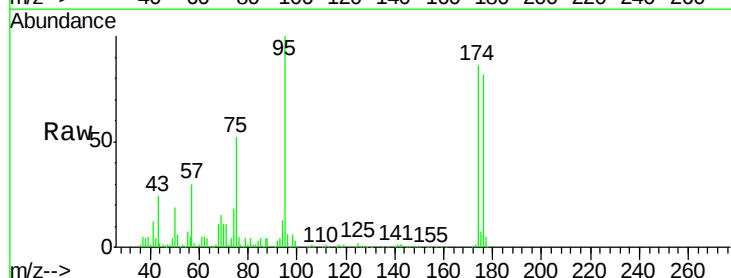
Acq: 29 Jun 2018 03:36

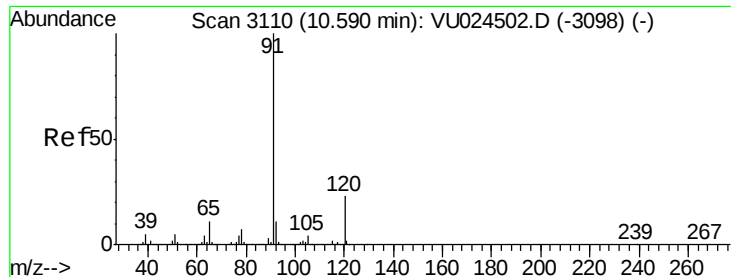
Tgt Ion: 75 Resp: 110478

Ion Ratio Lower Upper

75 100

77 2.0 20.9 62.7#





#78

n-propylbenzene

Concen: 1.316 ug/l

RT: 10.60 min Scan# 3112

Delta R.T. 0.01 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Instrument :

MSVOA_U

ClientSampleId :

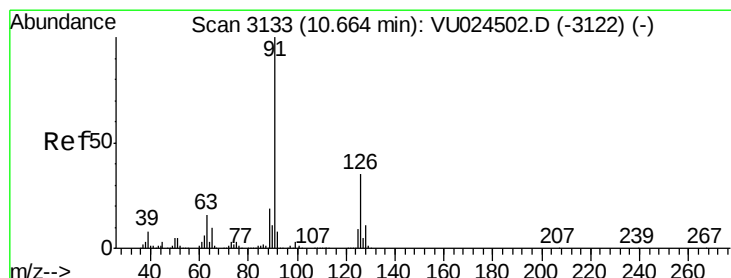
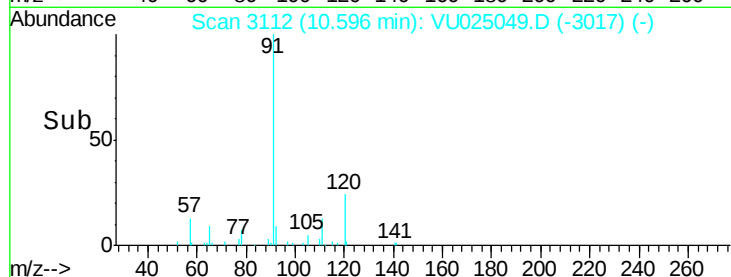
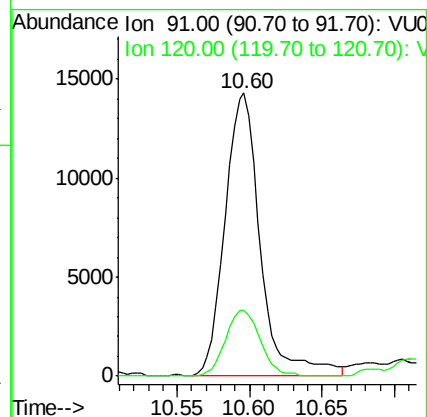
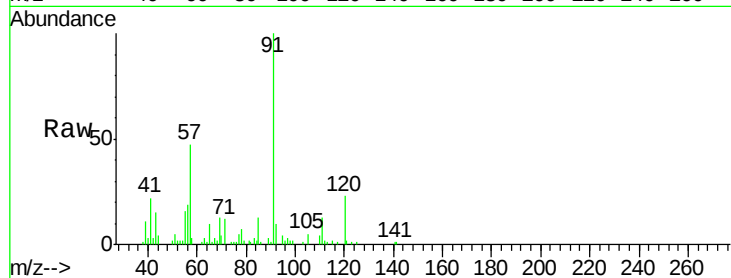
WP021SB481-17-19-180621ME

Tgt Ion: 91 Resp: 24196

Ion Ratio Lower Upper

91 100

120 22.9 11.2 33.5



#79

2-Chlorotoluene

Concen: 2.232 ug/l

RT: 10.60 min Scan# 3112

Delta R.T. -0.07 min

Lab File: VU025049.D

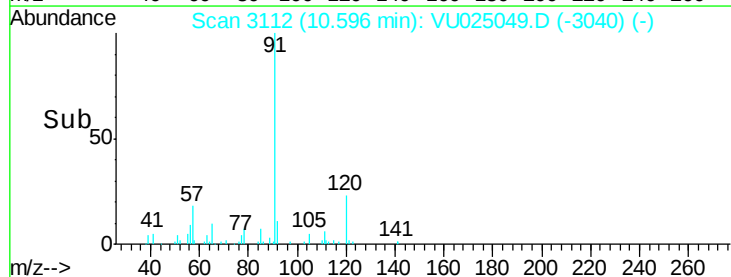
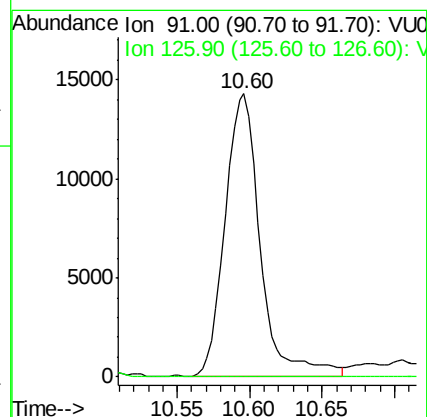
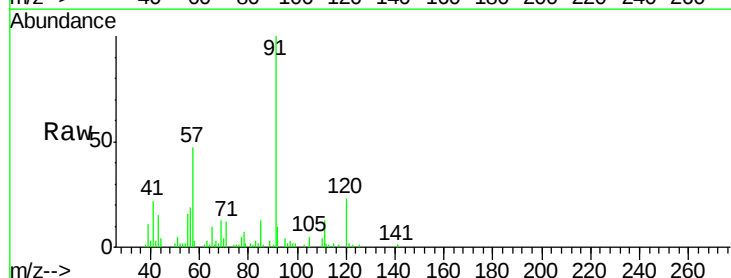
Acq: 29 Jun 2018 03:36

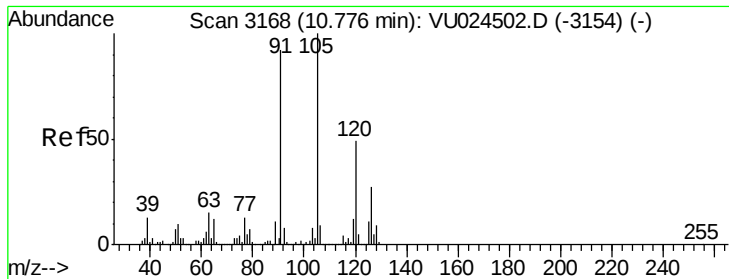
Tgt Ion: 91 Resp: 24196

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#





#80

1,3,5-Trimethylbenzene

Concen: 0.827 ug/l

RT: 10.78 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Instrument :

MSVOA_U

ClientSampleId :

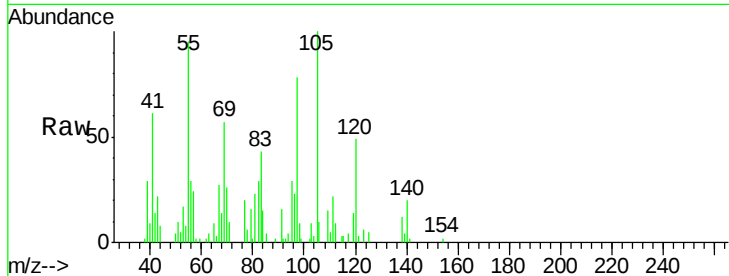
WP021SB481-17-19-180621ME

Tgt Ion:105 Resp: 11187

Ion Ratio Lower Upper

105 100

120 47.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

8000

6000

4000

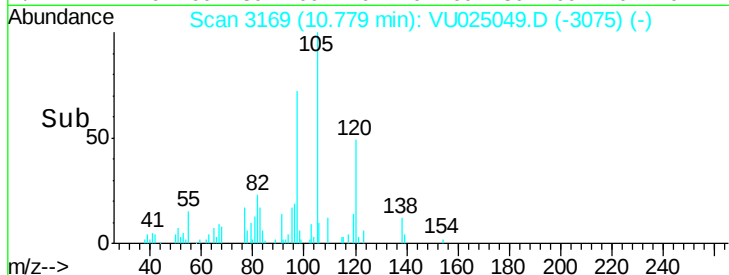
2000

0

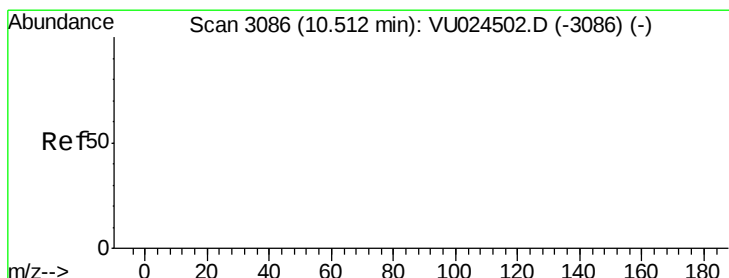
10.75

10.80

10.85



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 57.135 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. -0.20 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

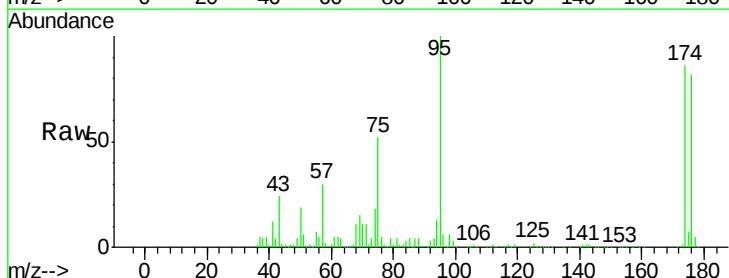
Tgt Ion: 75 Resp: 110478

Ion Ratio Lower Upper

75 100

53 2.5 0.0 0.0#

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

80000

60000

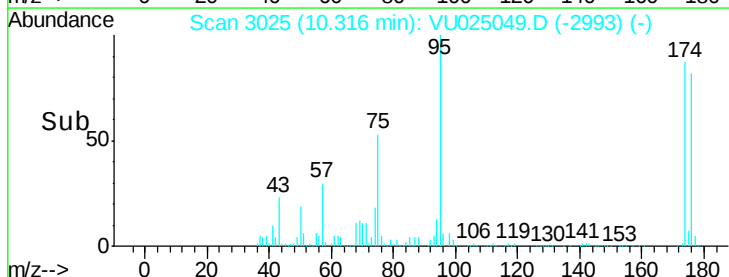
40000

20000

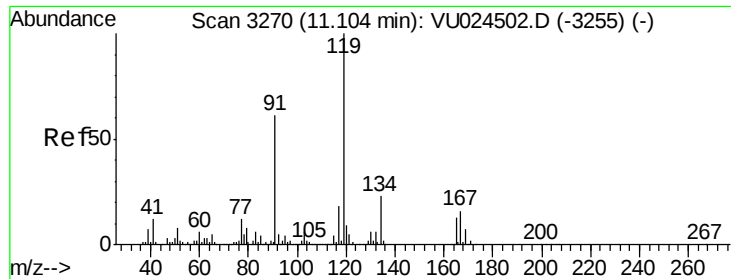
0

10.30

10.40



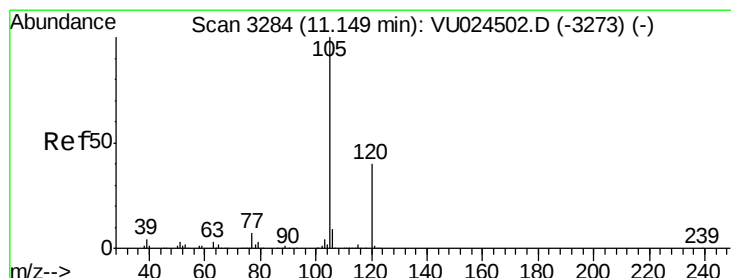
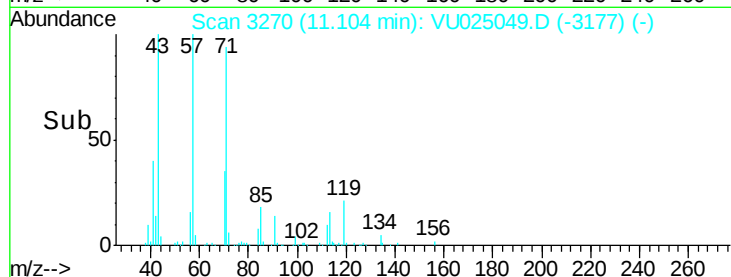
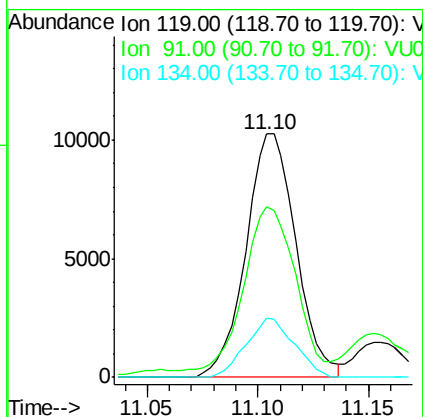
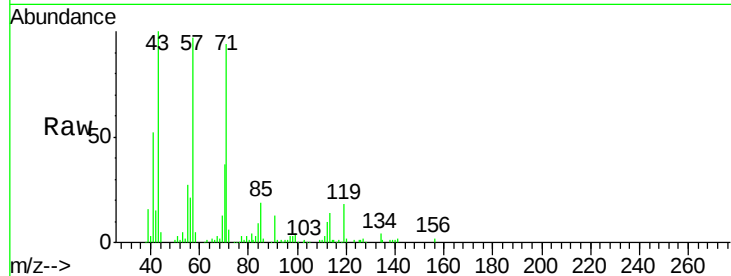
Time-->



#83
 tert-Butylbenzene
 Concen: 1.239 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025049.D
 Acq: 29 Jun 2018 03:36

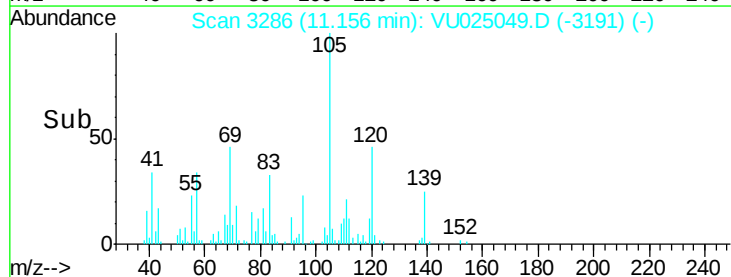
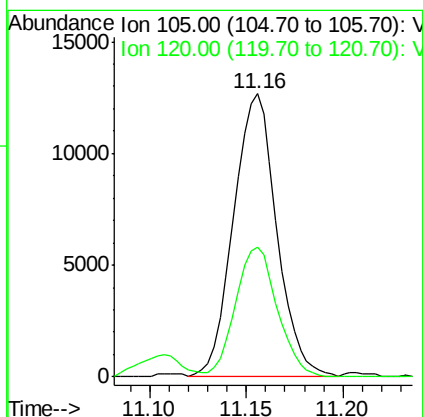
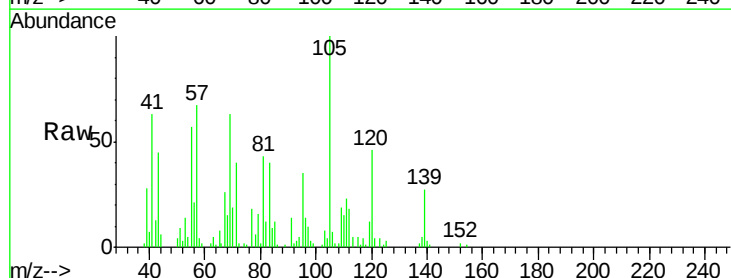
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-17-19-180621ME

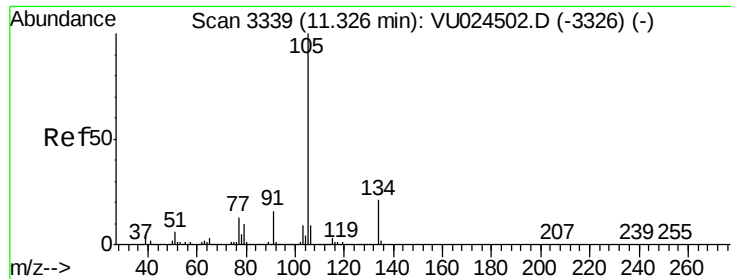
Tgt Ion:119 Resp: 16119
 Ion Ratio Lower Upper
 119 100
 91 67.7 29.7 89.1
 134 23.4 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 1.431 ug/l
 RT: 11.16 min Scan# 3286
 Delta R.T. 0.01 min
 Lab File: VU025049.D
 Acq: 29 Jun 2018 03:36

Tgt Ion:105 Resp: 19724
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.6 67.8

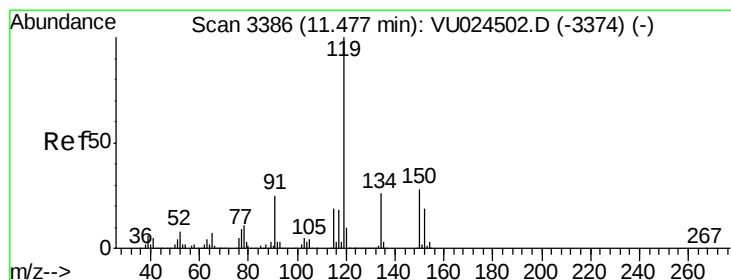
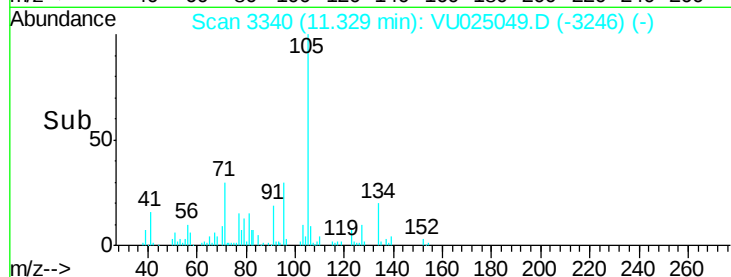
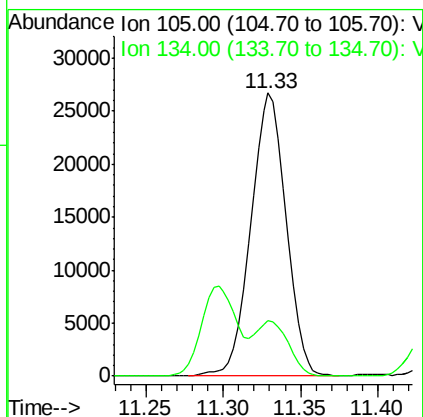
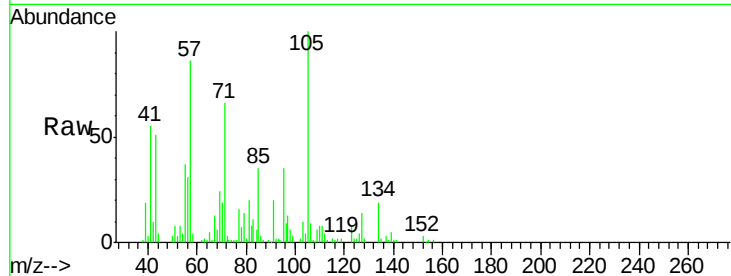




#85
 sec-Butylbenzene
 Concen: 2.594 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU025049.D
 Acq: 29 Jun 2018 03:36

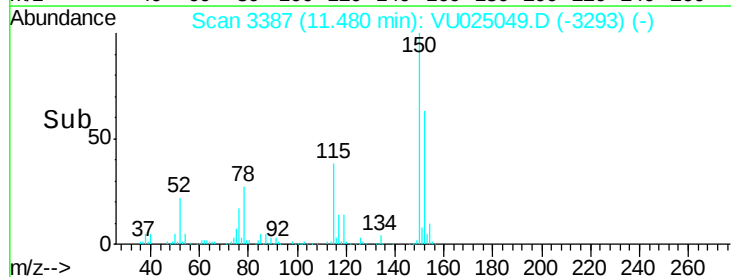
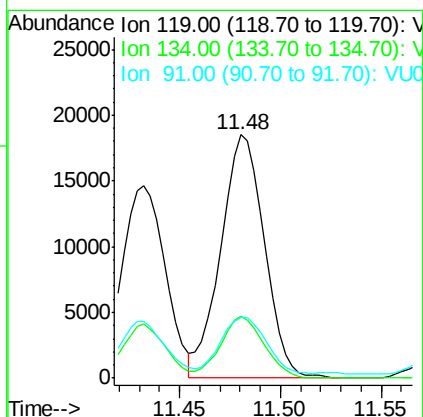
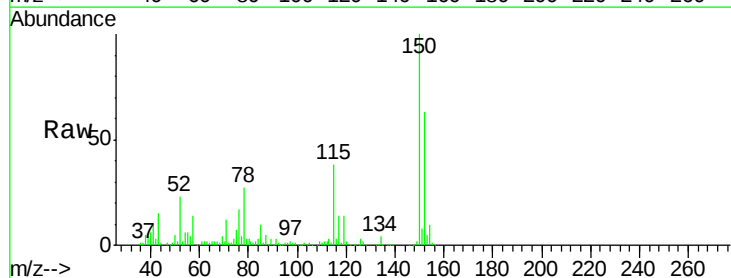
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-17-19-180621ME

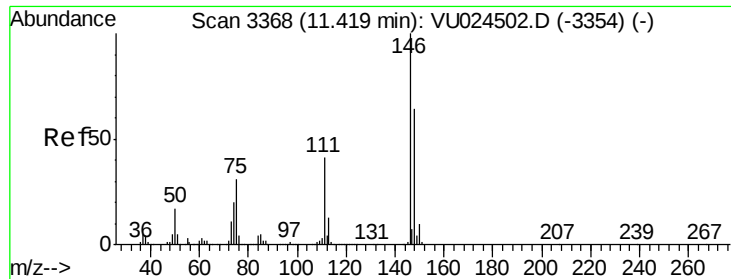
Tgt Ion:105 Resp: 42256
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 1.920 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025049.D
 Acq: 29 Jun 2018 03:36

Tgt Ion:119 Resp: 28010
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.9 38.6
 91 23.9 12.0 36.1

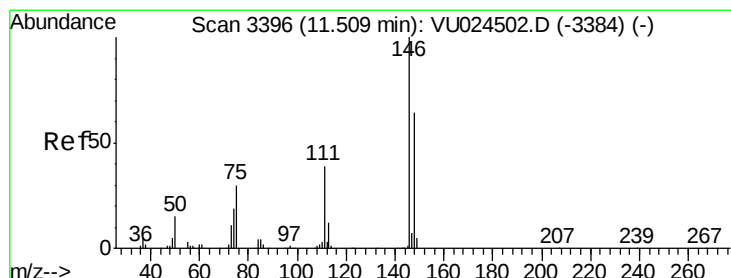
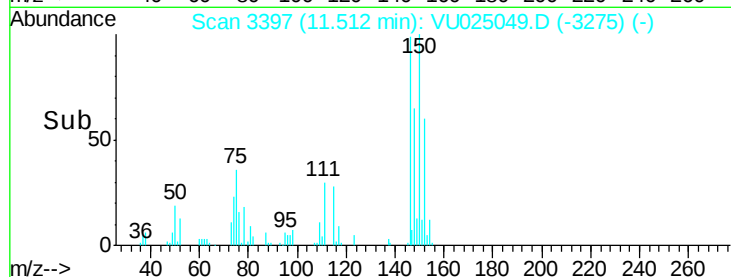
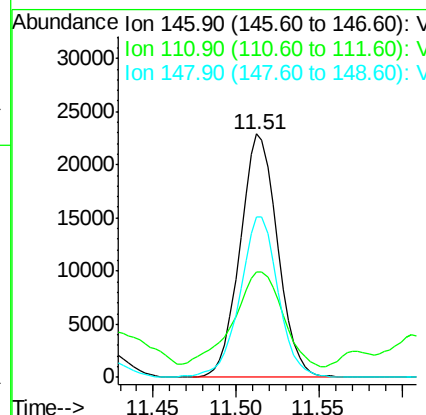
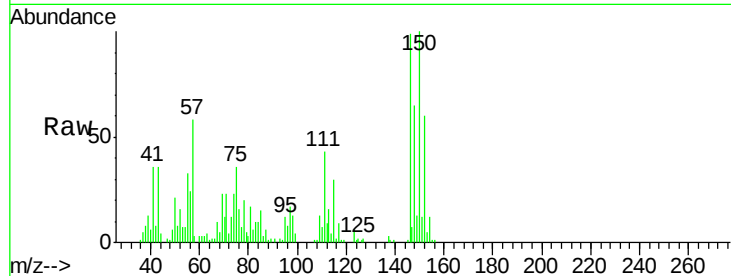




#87
 1,3-Dichlorobenzene
 Concen: 4.933 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.09 min
 Lab File: VU025049.D
 Acq: 29 Jun 2018 03:36

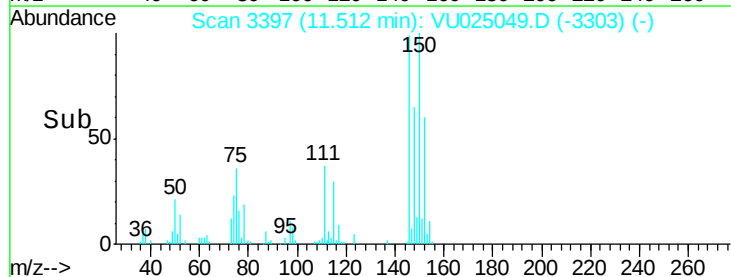
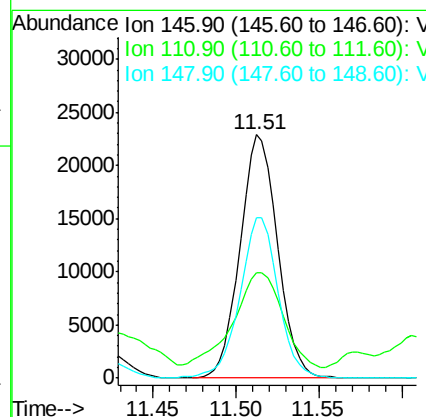
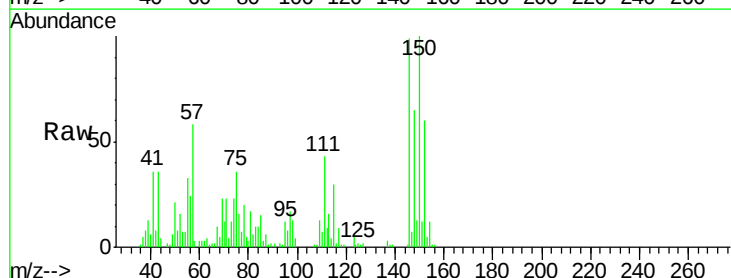
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-17-19-180621ME

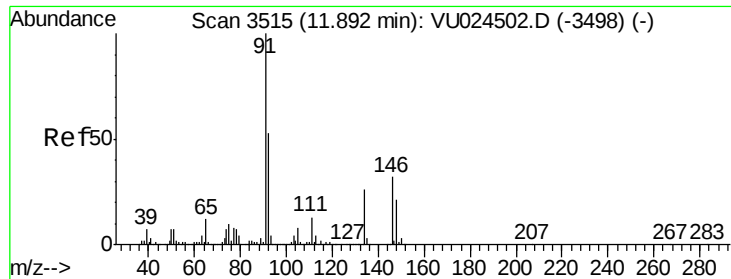
Tgt Ion:146 Resp: 36005
 Ion Ratio Lower Upper
 146 100
 111 51.2 20.0 60.0
 148 67.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 4.901 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025049.D
 Acq: 29 Jun 2018 03:36

Tgt Ion:146 Resp: 36005
 Ion Ratio Lower Upper
 146 100
 111 51.2 19.5 58.5
 148 67.6 32.4 97.0





#89

n-Butylbenzene

Concen: 3.226 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

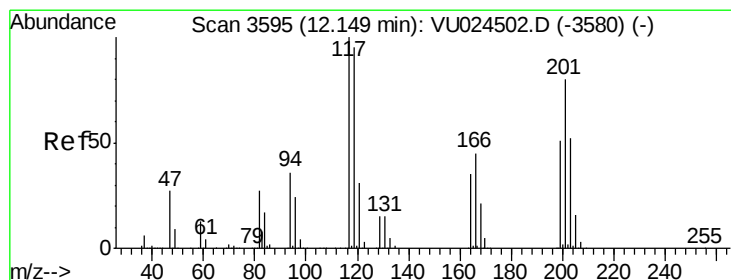
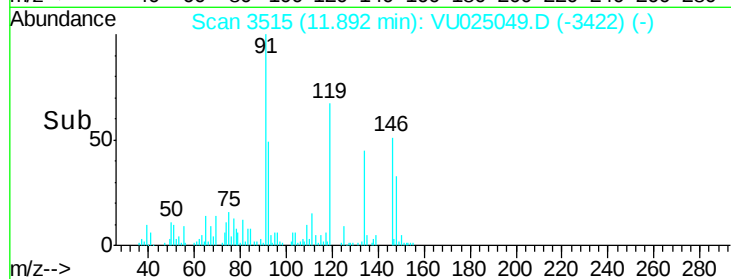
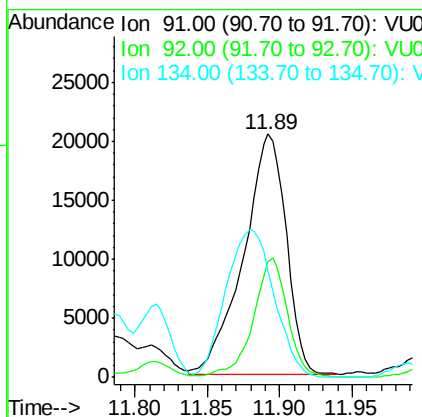
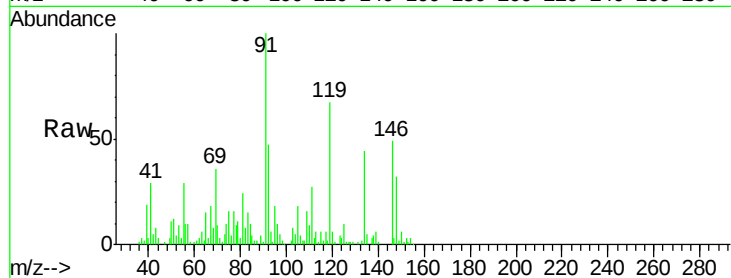
Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-17-19-180621ME

Tgt Ion:	91	Resp:	41777
Ion	Ratio	Lower	Upper
91	100		
92	40.1	25.6	76.8
134	69.1	12.3	36.8#



#90

Hexachloroethane

Concen: 1.211 ug/l

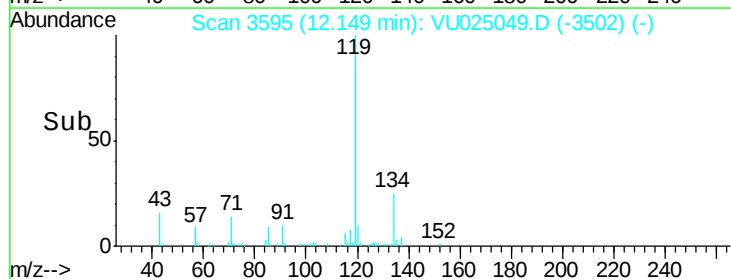
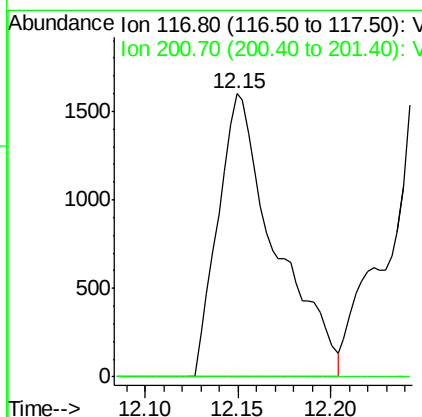
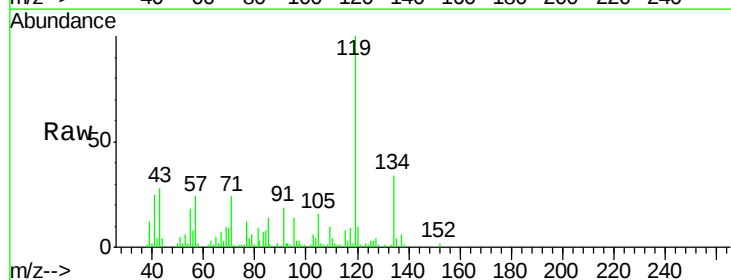
RT: 12.15 min Scan# 3595

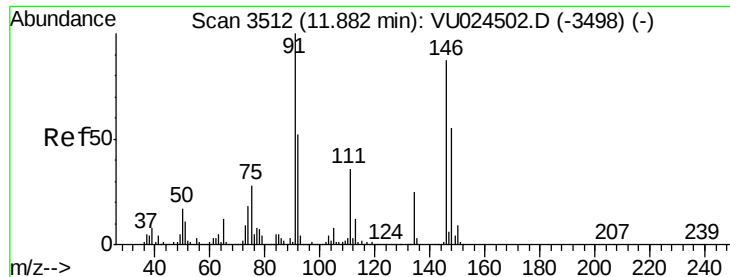
Delta R.T. -0.00 min

Lab File: VU025049.D

Acq: 29 Jun 2018 03:36

Tgt Ion:	117	Resp:	3446
Ion	Ratio	Lower	Upper
117	100		
201	0.0	41.1	123.3#

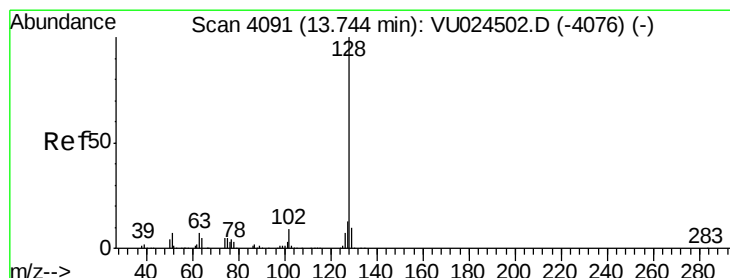
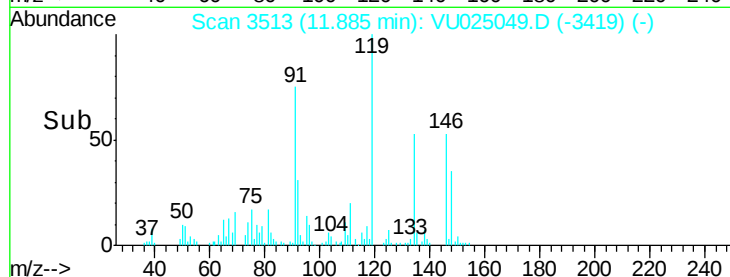
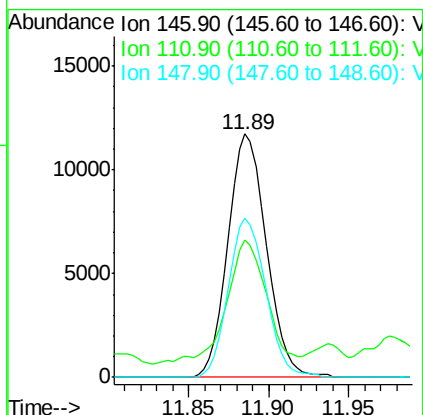
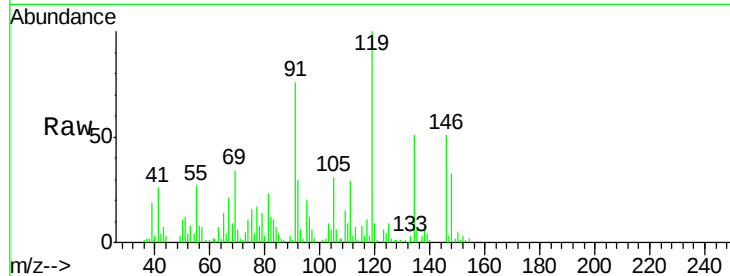




#91
1,2-Dichlorobenzene
Concen: 2.631 ug/l
RT: 11.89 min Scan# 3513
Delta R.T. 0.00 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-17-19-180621ME

Tgt Ion:146 Resp: 19234
Ion Ratio Lower Upper
146 100
111 52.2 20.5 61.6
148 63.6 31.9 95.7



#95
Naphthalene
Concen: 2.745 ug/l
RT: 13.75 min Scan# 4093
Delta R.T. 0.01 min
Lab File: VU025049.D
Acq: 29 Jun 2018 03:36

Tgt Ion:128 Resp: 31308
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 12.5 8.6 12.8

