

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
 Data File : VU025056.D
 Acq On : 29 Jun 2018 06:25
 Operator : MD/SY
 Sample : J3671-20ME
 Misc : 5.76g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-21-23-180621ME

Quant Time: Jun 29 08:41:18 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	245229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	367290	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	359629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	212134	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	181282	45.28	ug/l	0.00
Spiked Amount			Recovery	=	90.56%	
35) Dibromofluoromethane	4.89	113	141761	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
50) Toluene-d8	7.57	98	543437	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	10.32	95	225072	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	882	0.281	ug/l	96
4) Vinyl Chloride	1.40	62	12789	3.954	ug/l	98
5) Bromomethane	1.60	94	797	0.510	ug/l	88
6) Chloroethane	1.66	64	230	Below Cal	#	64
10) Methyl Iodide	2.39	142	196	5.356	ug/l #	53
11) Tert butyl alcohol	2.83	59	9794	10.059	ug/l #	73
13) Acrolein	2.19	56	142	0.278	ug/l #	70
16) Acetone	2.34	43	849	0.395	ug/l	95
18) Methyl Acetate	2.62	43	3910	0.848	ug/l	95
24) 1,1-Dichloroethane	3.44	63	1297	0.219	ug/l #	83
29) Tetrahydrofuran	4.67	42	1740	0.972	ug/l #	72
31) Cyclohexane	4.99	56	5631	Below Cal	#	16
36) 1,1-Dichloropropene	4.98	75	17703	4.102	ug/l #	51
38) Carbon Tetrachloride	4.98	117	23739	5.002	ug/l #	15
39) Methylcyclohexane	6.41	83	7068	1.312	ug/l	96
40) Benzene	5.39	78	23962	1.948	ug/l	96
55) 1,1,2-Trichloroethane	8.04	97	939	0.292	ug/l #	35
59) 2-Hexanone	8.17	43	2946	0.706	ug/l	81
65) Chlorobenzene	9.13	112	564874	61.485	ug/l	100
73) Isopropylbenzene	10.17	105	15879	0.975	ug/l	98
74) N-amyl acetate	10.01	43	4897	0.632	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	10.46	83	1251	0.229	ug/l #	1
76) 1,2,3-Trichloropropane	10.32	75	117079	25.068	ug/l #	36
80) 1,3,5-Trimethylbenzene	10.98	105	13654	0.967	ug/l	72
81) trans-1,4-Dichloro-2-buten	10.32	75	117079	58.018	ug/l #	100
83) tert-Butylbenzene	11.11	119	20262	1.492	ug/l	89
84) 1,2,4-Trimethylbenzene	11.16	105	3959	0.275	ug/l	99
85) sec-Butylbenzene	11.33	105	55154	3.245	ug/l	98
86) p-Isopropyltoluene	11.69	119	33412	2.195	ug/l	95
87) 1,3-Dichlorobenzene	11.51	146	69181	9.082	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	69181	9.023	ug/l	98
89) n-Butylbenzene	11.90	91	13427	0.993	ug/l #	74
91) 1,2-Dichlorobenzene	11.89	146	108155	14.175	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.53	75	351	0.233	ug/l #	3

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
Data File : VU025056.D
Acq On : 29 Jun 2018 06:25
Operator : MD/SY
Sample : J3671-20ME
Misc : 5.76g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-21-23-180621ME

Quant Time: Jun 29 08:41:18 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

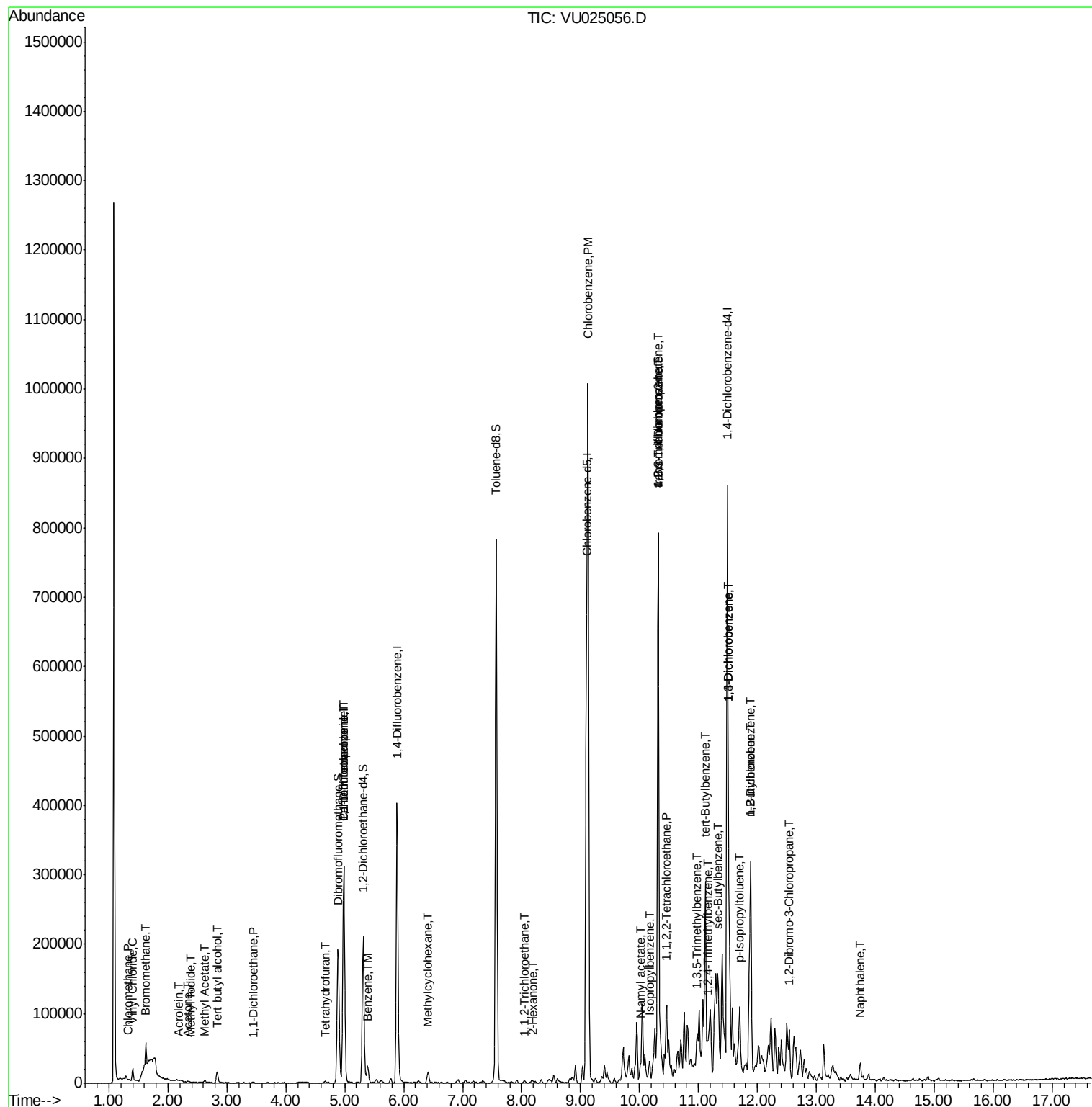
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.75	128	15784	1.677	ug/l #	92

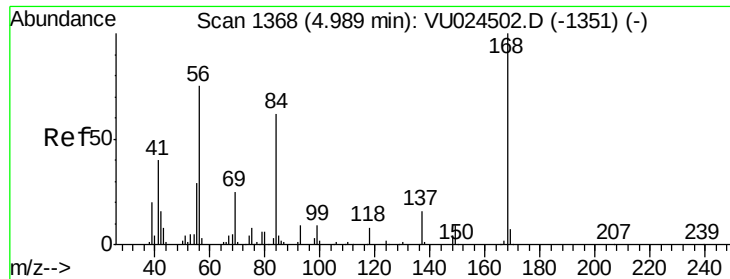
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
Data File : VU025056.D
Acq On : 29 Jun 2018 06:25
Operator : MD/SY
Sample : J3671-20ME
Misc : 5.76g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-21-23-180621ME

Quant Time: Jun 29 08:41:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU025056.D

Acq: 29 Jun 2018 06:25

Instrument :

MSVOA_U

ClientSampleId :

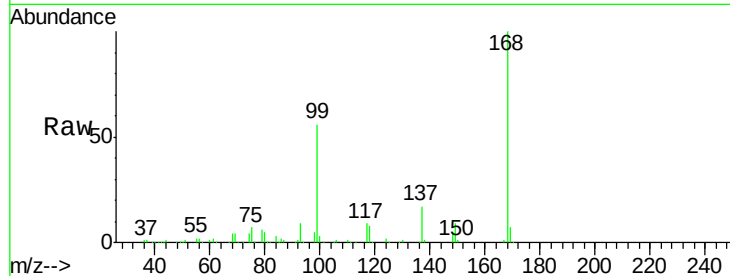
WP021SB481-21-23-180621ME

Tgt Ion:168 Resp: 245229

Ion Ratio Lower Upper

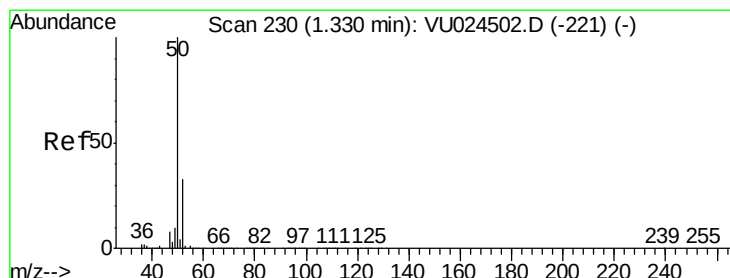
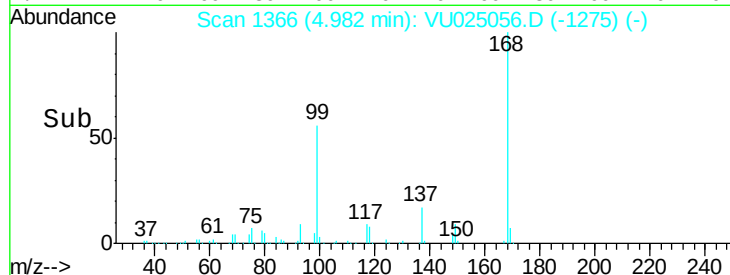
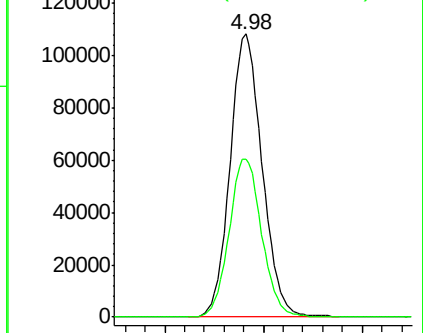
168 100

99 55.7 43.2 64.8



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

Ion 98.90 (98.60 to 99.60): VU024502.D



#3

Chloromethane

Concen: 0.281 ug/l

RT: 1.32 min Scan# 228

Delta R.T. -0.01 min

Lab File: VU025056.D

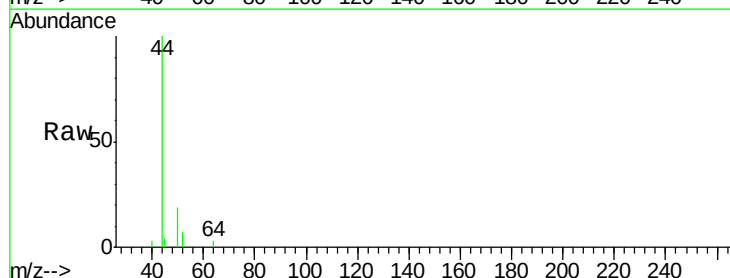
Acq: 29 Jun 2018 06:25

Tgt Ion: 50 Resp: 882

Ion Ratio Lower Upper

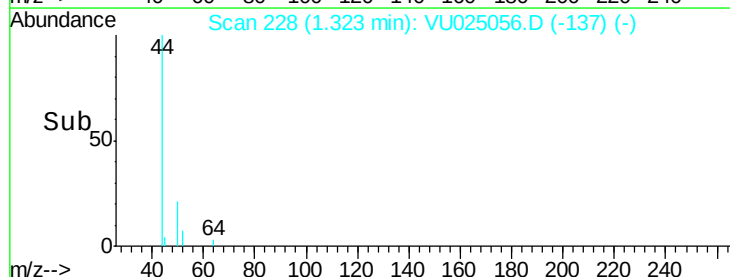
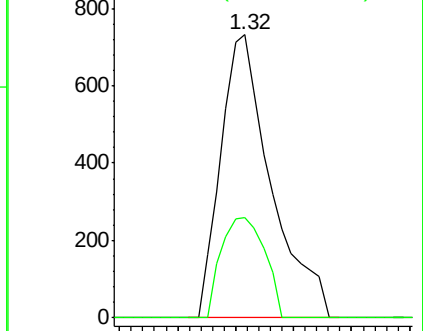
50 100

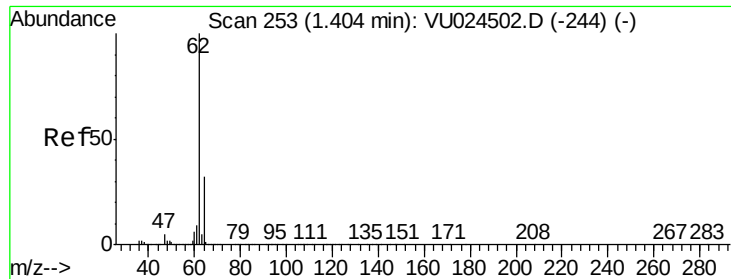
52 35.4 26.4 39.6



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

Ion 51.90 (51.60 to 52.60): VU024502.D





#4

Vinyl Chloride

Concen: 3.954 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025056.D

Acq: 29 Jun 2018 06:25

Instrument :

MSVOA_U

ClientSampleId :

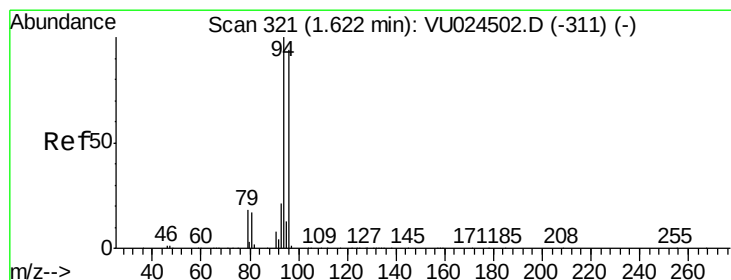
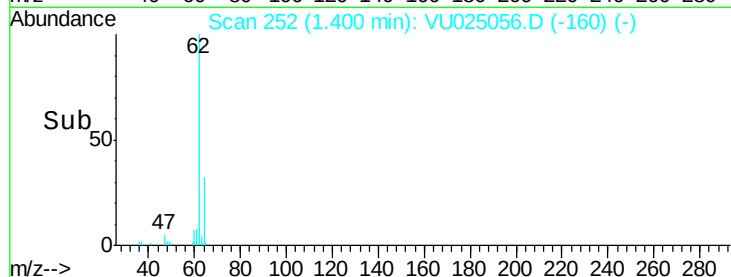
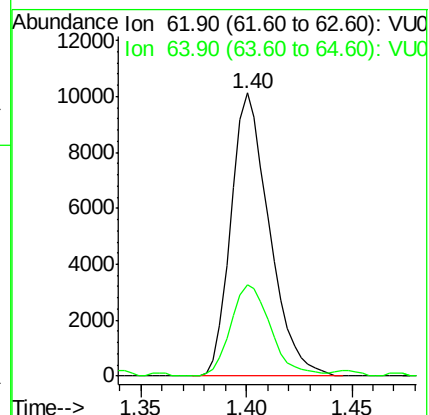
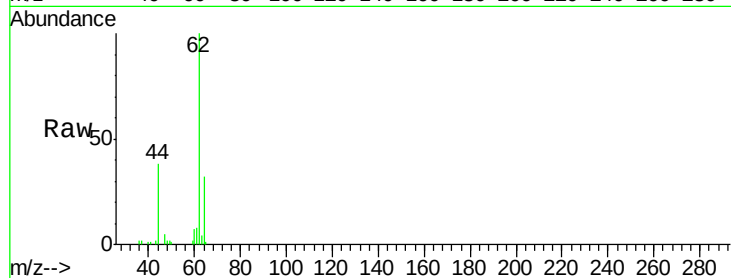
WP021SB481-21-23-180621ME

Tgt Ion: 62 Resp: 12789

Ion Ratio Lower Upper

62 100

64 32.3 24.8 37.2



#5

Bromomethane

Concen: 0.510 ug/l

RT: 1.60 min Scan# 315

Delta R.T. -0.02 min

Lab File: VU025056.D

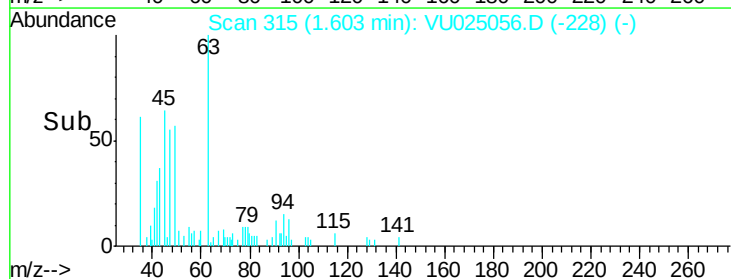
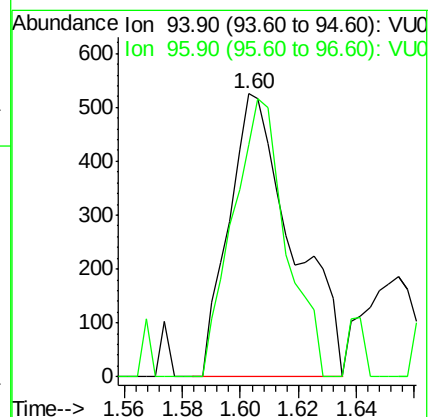
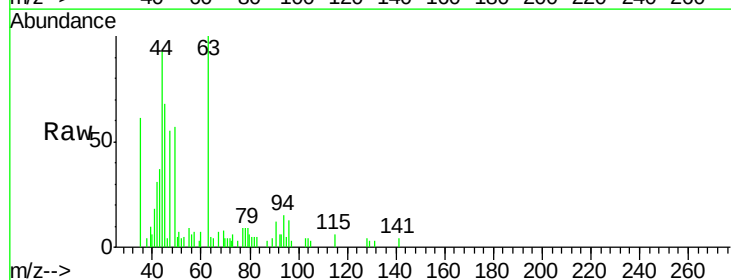
Acq: 29 Jun 2018 06:25

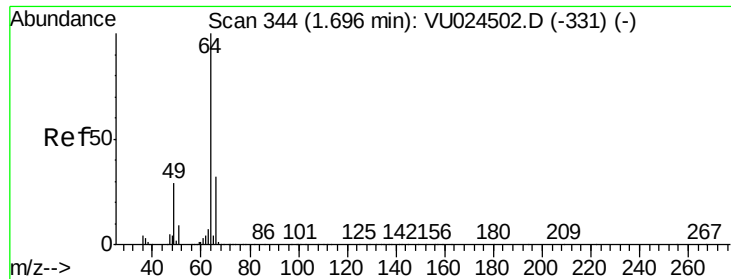
Tgt Ion: 94 Resp: 797

Ion Ratio Lower Upper

94 100

96 81.9 74.5 111.7





#6

Chloroethane

Concen: Below Cal

RT: 1.66 min Scan# 334

Delta R.T. -0.03 min

Lab File: VU025056.D

Acq: 29 Jun 2018 06:25

Instrument :

MSVOA_U

ClientSampleId :

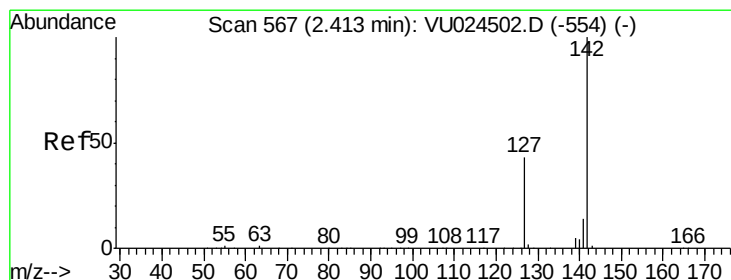
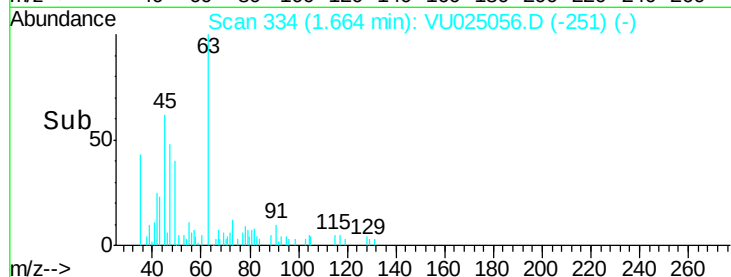
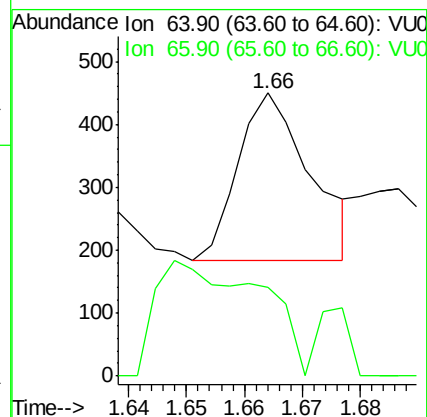
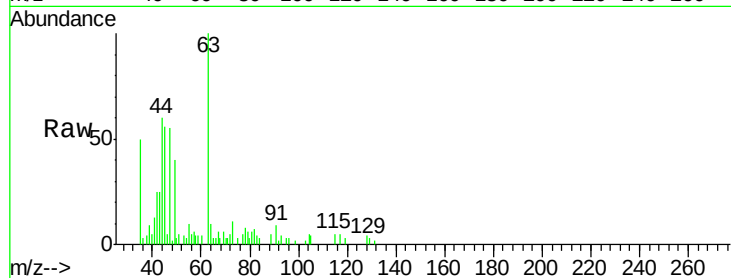
WP021SB481-21-23-180621ME

Tgt Ion: 64 Resp: 230

Ion Ratio Lower Upper

64 100

66 12.0 25.5 38.3#



#10

Methyl Iodide

Concen: 5.356 ug/l

RT: 2.39 min Scan# 560

Delta R.T. -0.02 min

Lab File: VU025056.D

Acq: 29 Jun 2018 06:25

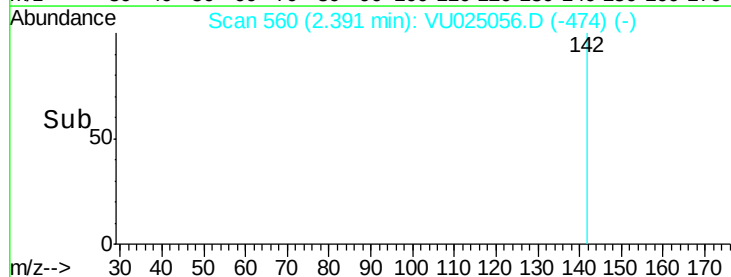
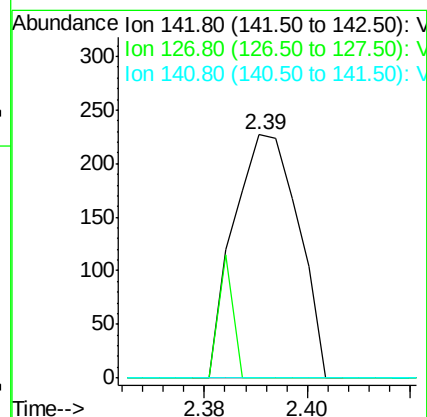
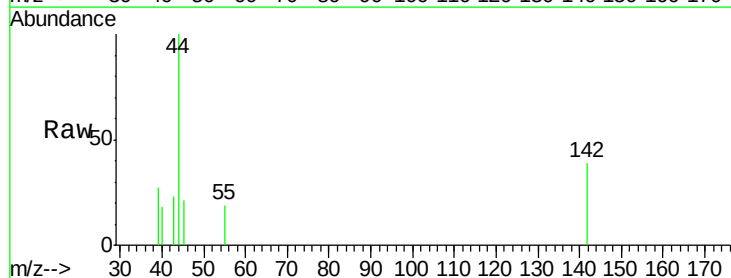
Tgt Ion: 142 Resp: 196

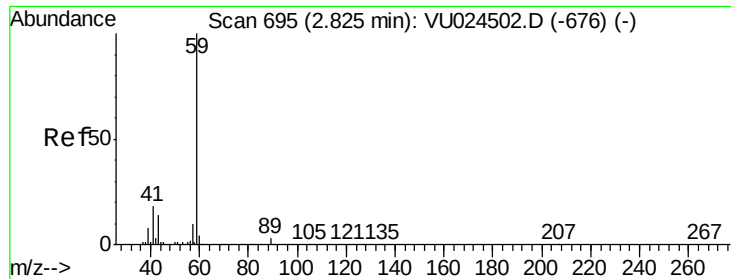
Ion Ratio Lower Upper

142 100

127 11.2 35.6 53.4#

141 0.0 11.7 17.5#

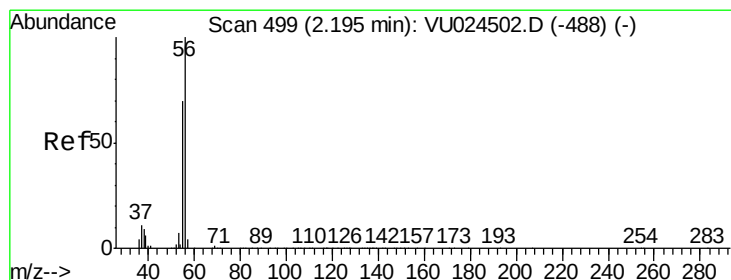
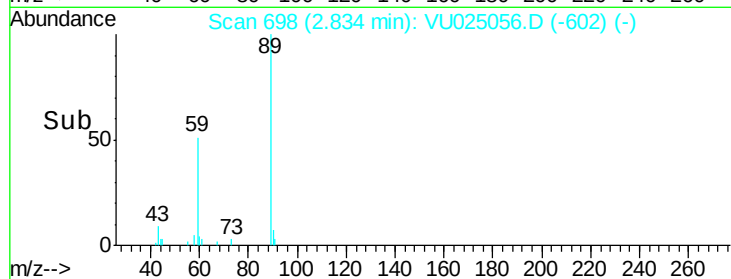
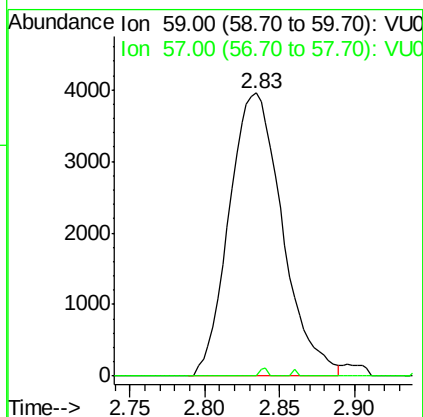
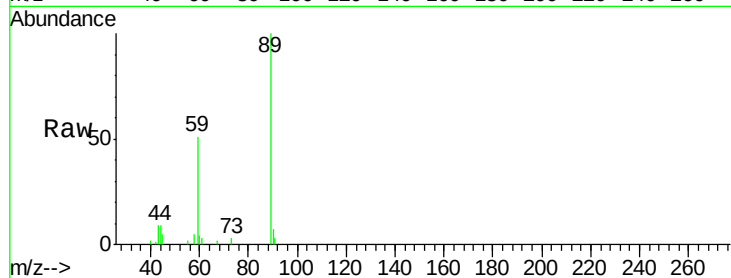




#11
Tert butyl alcohol
Concen: 10.059 ug/l
RT: 2.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

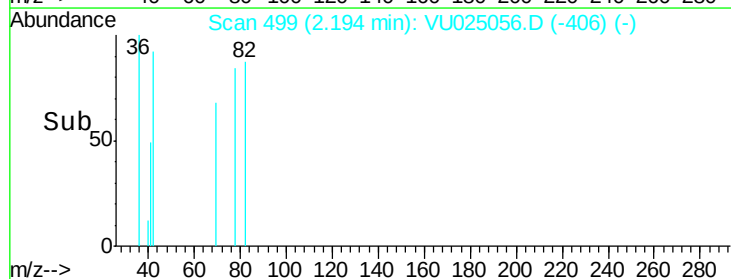
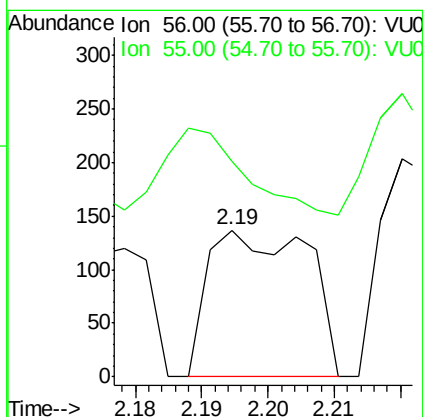
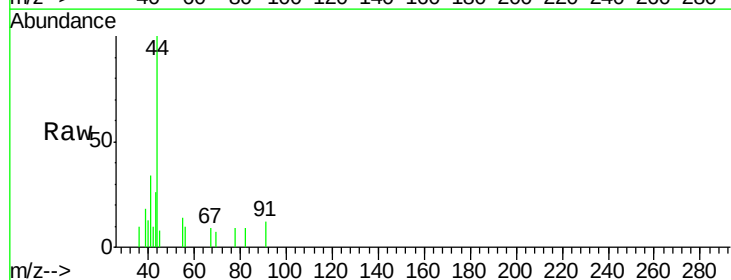
Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-21-23-180621ME

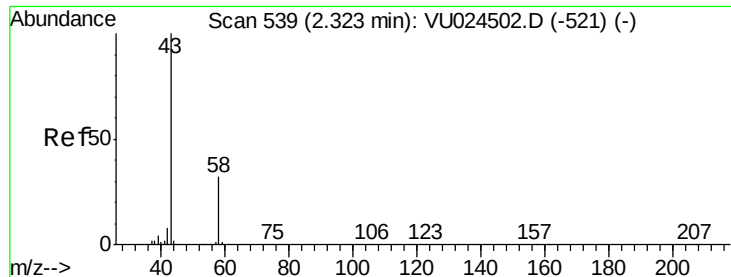
Tgt Ion: 59 Resp: 9794
Ion Ratio Lower Upper
59 100
57 0.4 8.5 12.7#



#13
Acrolein
Concen: 0.278 ug/l
RT: 2.19 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

Tgt Ion: 56 Resp: 142
Ion Ratio Lower Upper
56 100
55 47.9 58.4 87.6#





#16

Acetone

Concen: 0.395 ug/l

RT: 2.34 min Scan# 545

Delta R.T. 0.02 min

Lab File: VU025056.D

Acq: 29 Jun 2018 06:25

Instrument :

MSVOA_U

ClientSampleId :

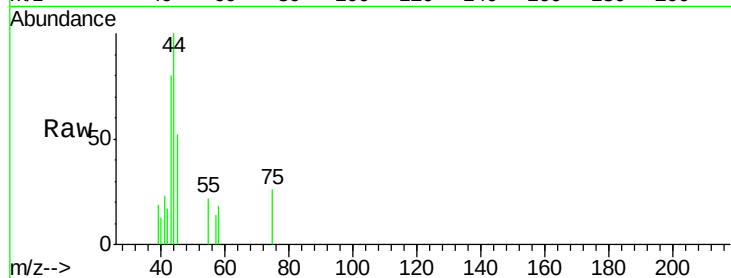
WP021SB481-21-23-180621ME

Tgt Ion: 43 Resp: 849

Ion Ratio Lower Upper

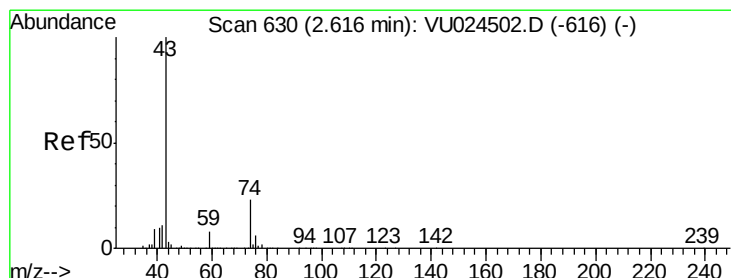
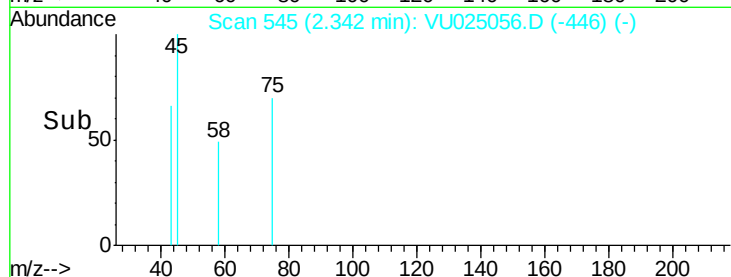
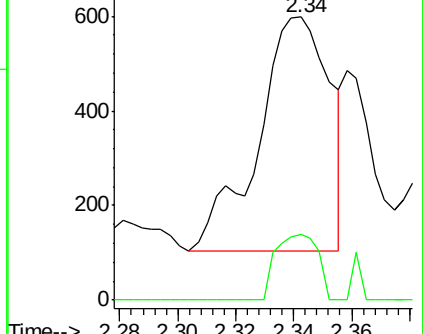
43 100

58 28.0 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 0.848 ug/l

RT: 2.62 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU025056.D

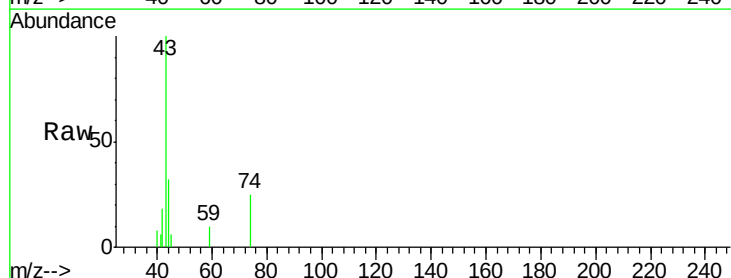
Acq: 29 Jun 2018 06:25

Tgt Ion: 43 Resp: 3910

Ion Ratio Lower Upper

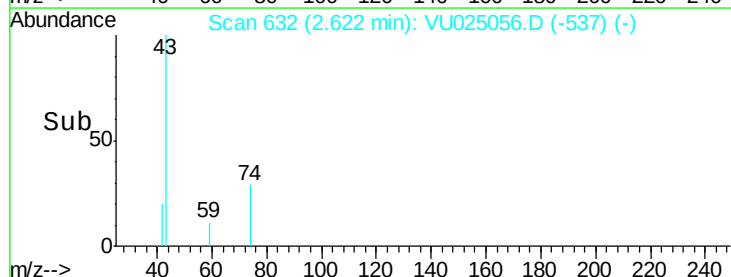
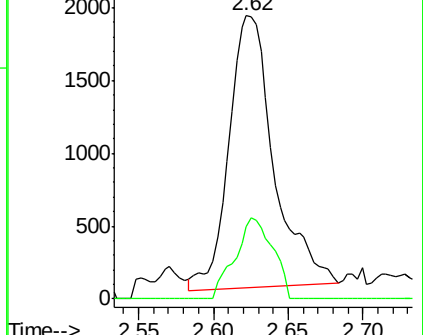
43 100

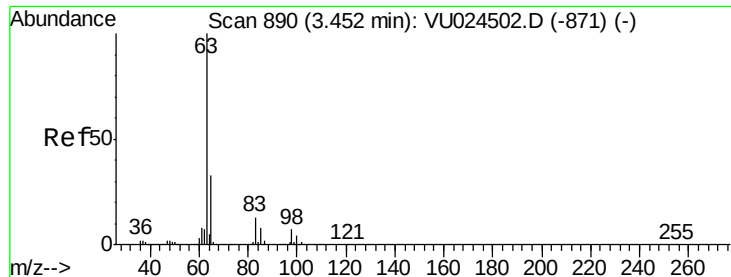
74 24.9 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

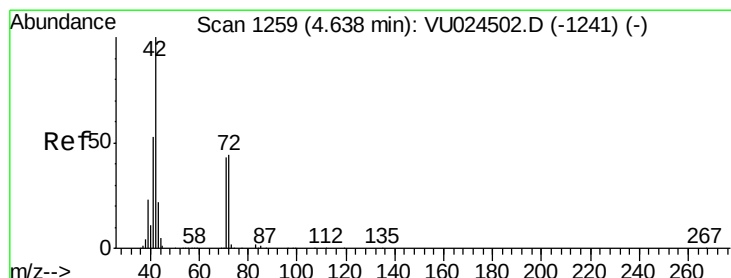
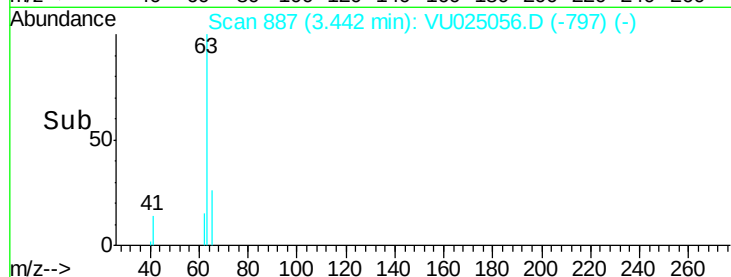
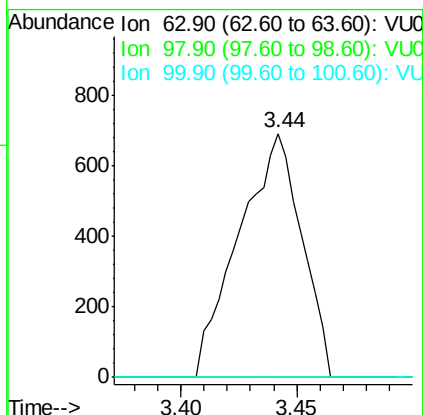
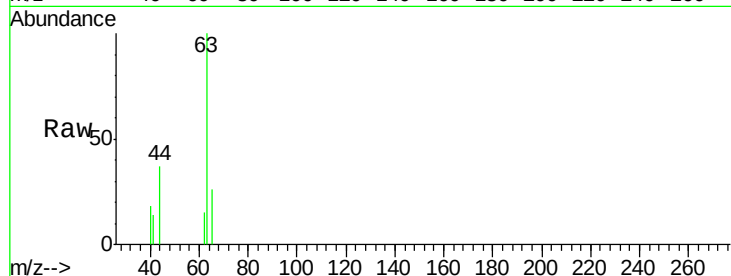




#24
 1,1-Dichloroethane
 Concen: 0.219 ug/l
 RT: 3.44 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

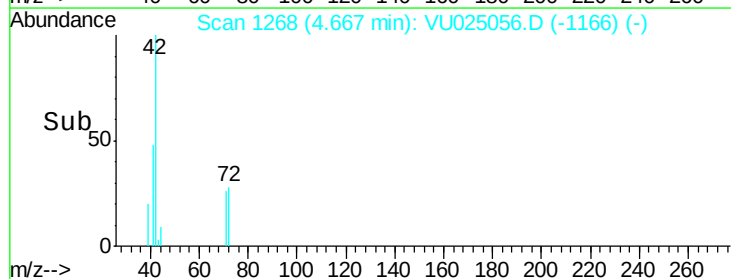
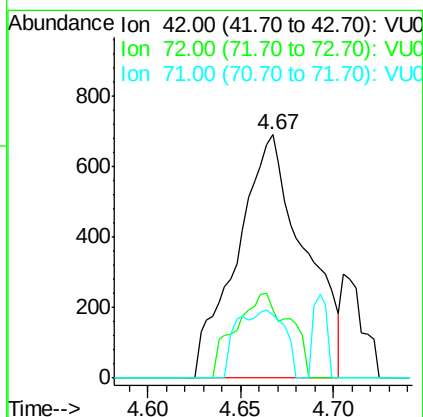
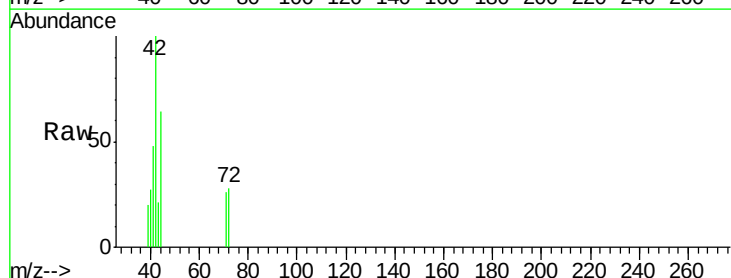
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-21-23-180621ME

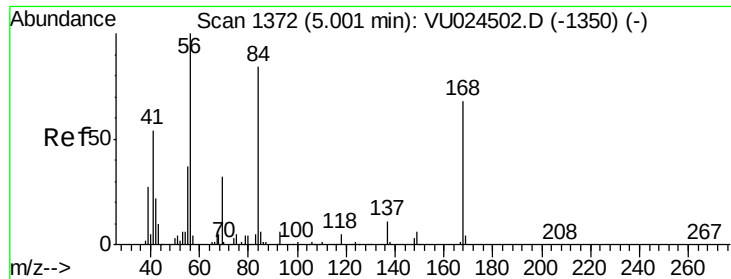
Tgt Ion:	63	Resp:	1297
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.5	10.4#
100	0.0	1.8	5.5#



#29
 Tetrahydrofuran
 Concen: 0.972 ug/l
 RT: 4.67 min Scan# 1268
 Delta R.T. 0.03 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

Tgt Ion:	42	Resp:	1740
Ion	Ratio	Lower	Upper
42	100		
72	27.8	34.5	51.7#
71	19.7	32.2	48.4#

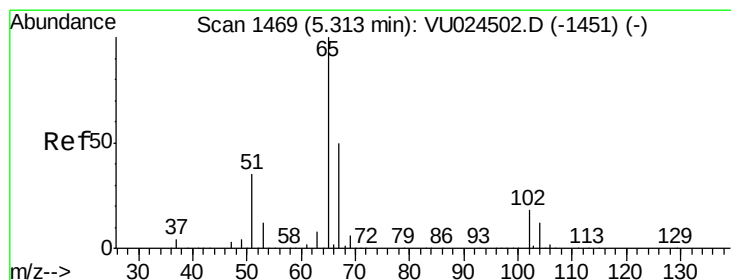
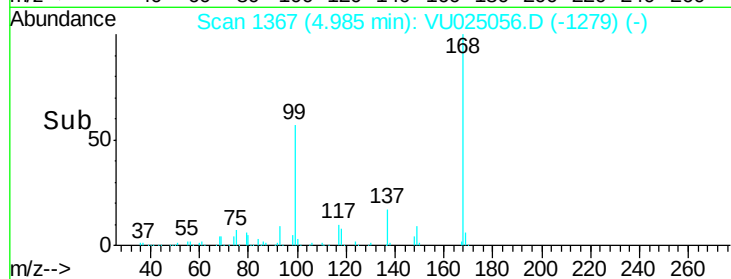
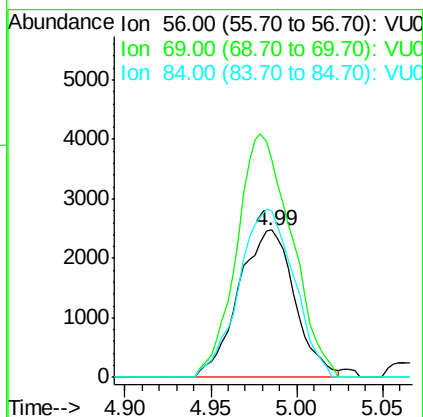
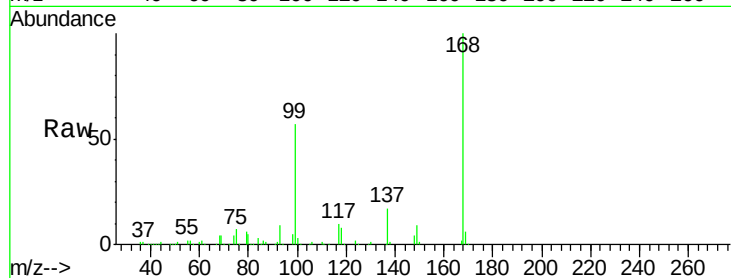




#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

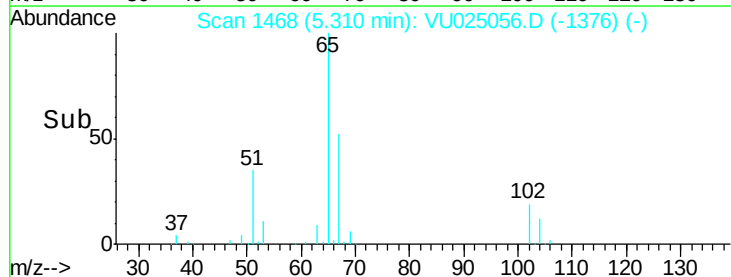
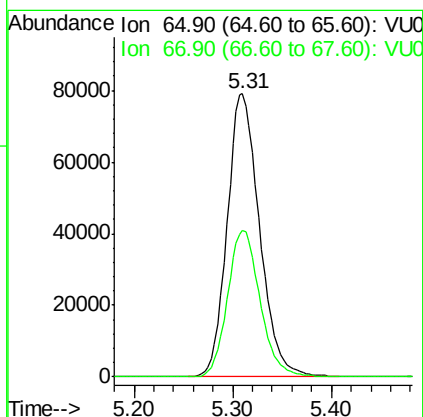
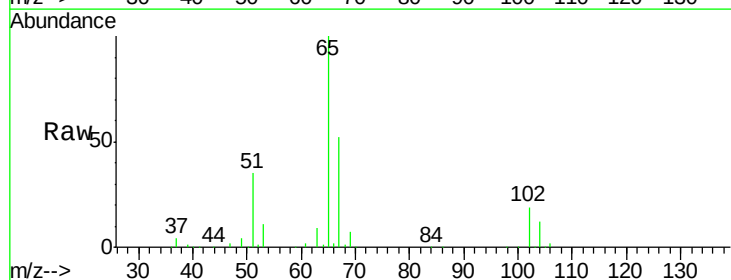
Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-21-23-180621ME

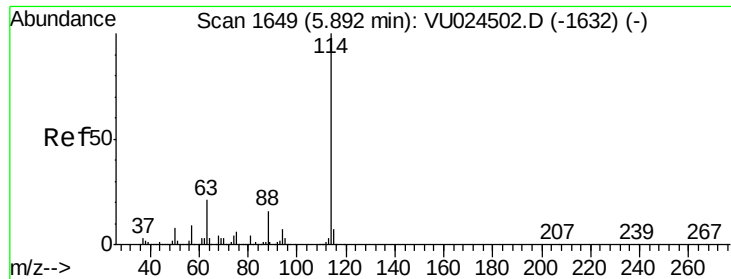
Tgt Ion: 56 Resp: 5631
Ion Ratio Lower Upper
56 100
69 148.1 24.8 37.2#
84 113.1 65.2 97.8#



#33
1,2-Dichloroethane-d4
Concen: 45.282 ug/l
RT: 5.31 min Scan# 1468
Delta R.T. -0.00 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

Tgt Ion: 65 Resp: 181282
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.0

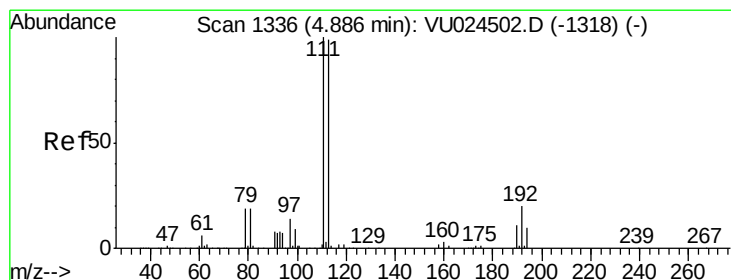
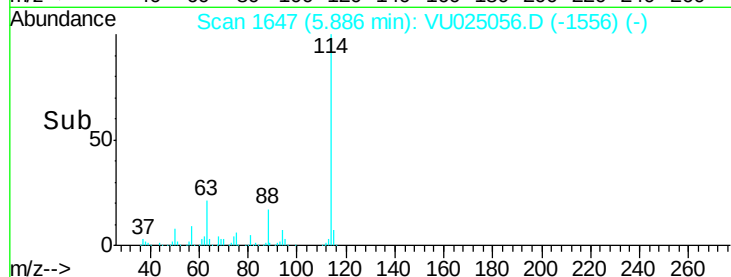
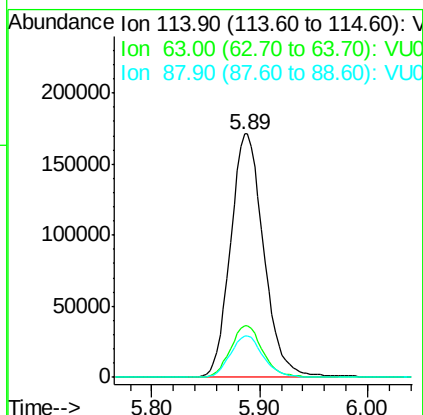
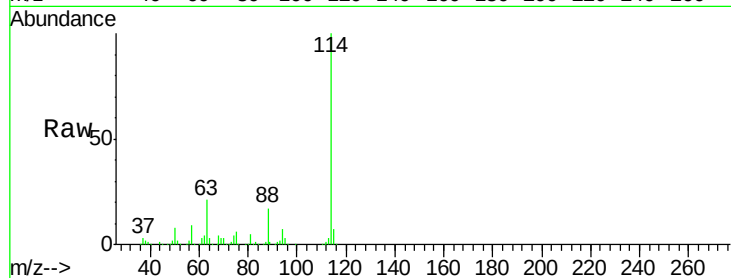




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

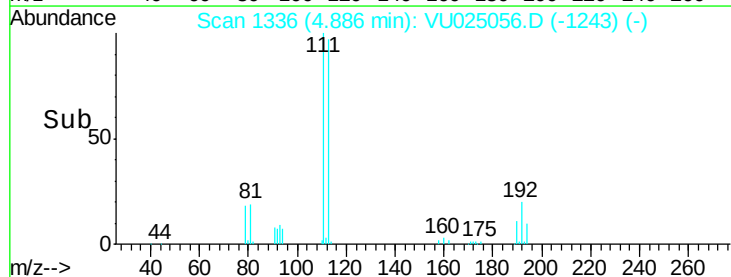
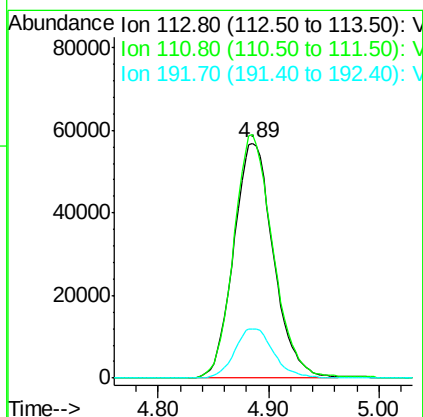
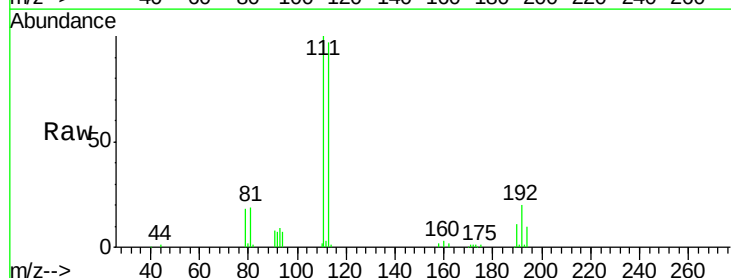
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-21-23-180621ME

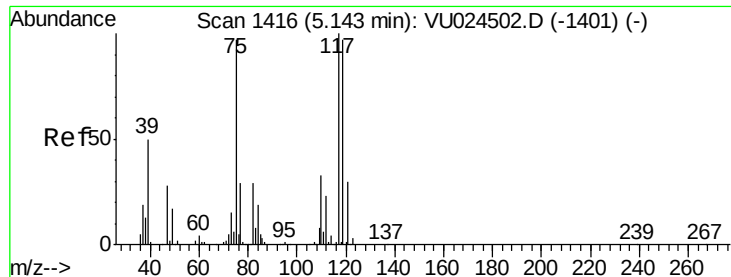
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	45.4
88	17.0	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 46.506 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	20.7	16.2	24.4

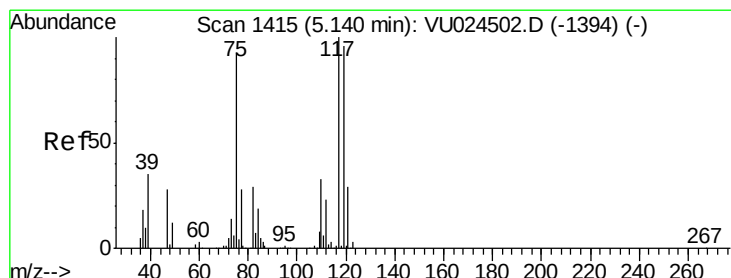
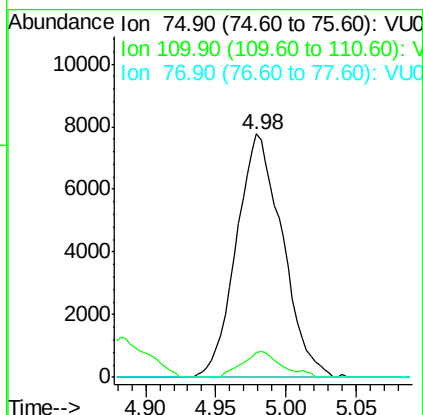
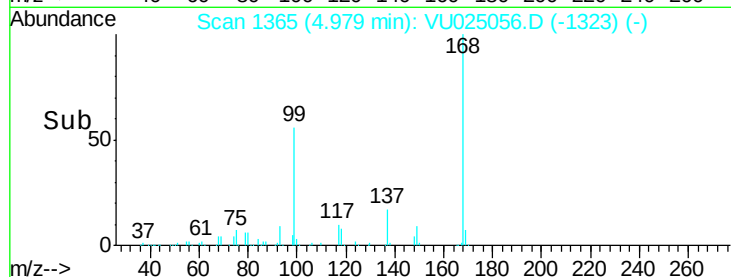
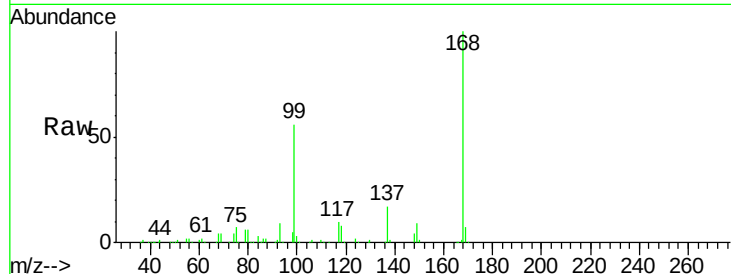




#36
 1,1-Dichloropropene
 Concen: 4.102 ug/l
 RT: 4.98 min Scan# 1365
 Delta R.T. -0.16 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

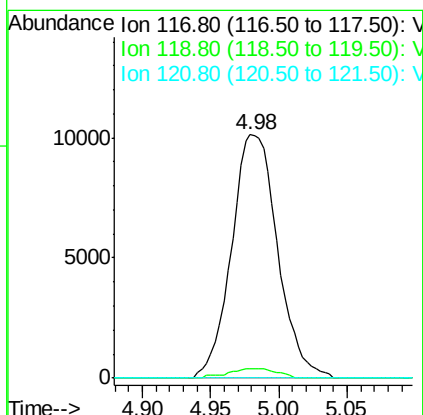
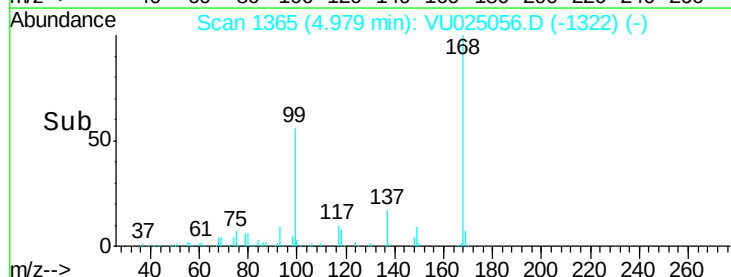
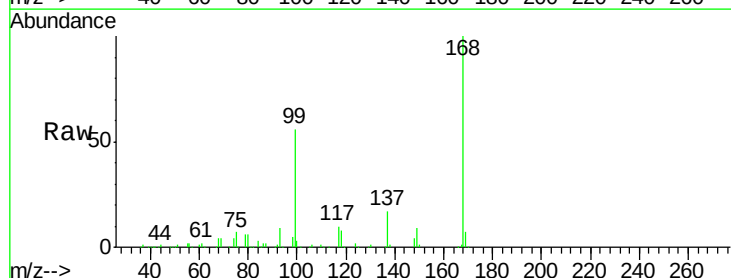
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-21-23-180621ME

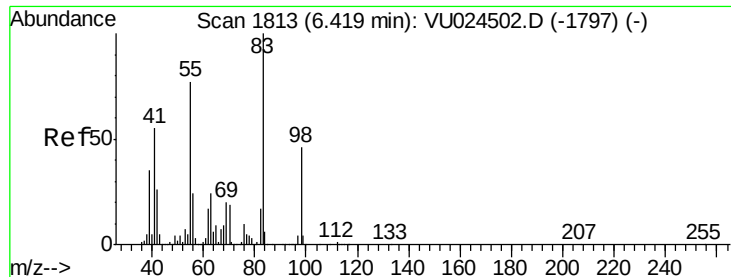
Tgt Ion: 75 Resp: 17703
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.0 50.9#
 77 0.0 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 5.002 ug/l
 RT: 4.98 min Scan# 1365
 Delta R.T. -0.16 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

Tgt Ion: 117 Resp: 23739
 Ion Ratio Lower Upper
 117 100
 119 3.9 76.1 114.1#
 121 0.0 23.7 35.5#

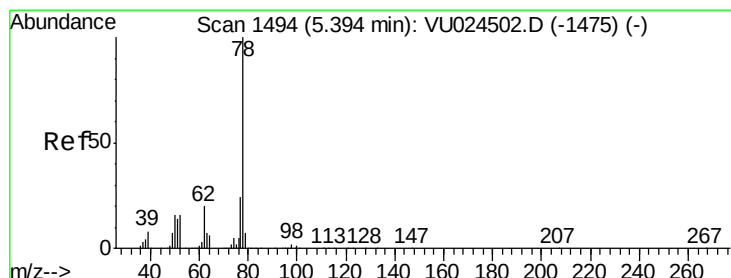
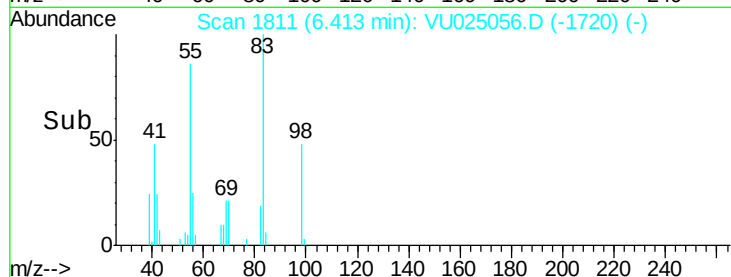
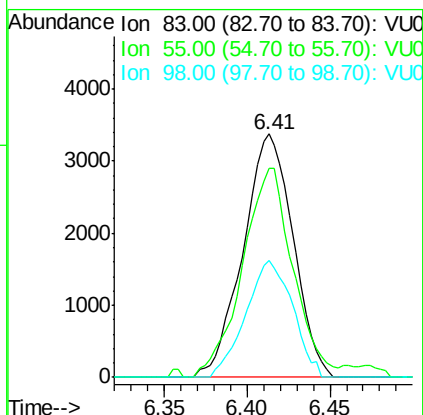
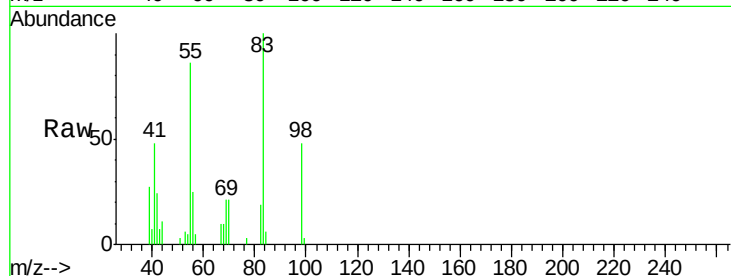




#39
Methylcyclohexane
Concen: 1.312 ug/l
RT: 6.41 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

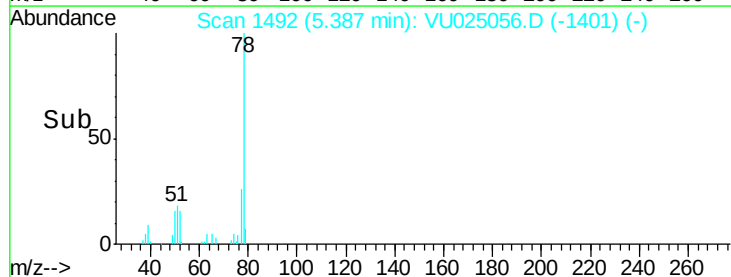
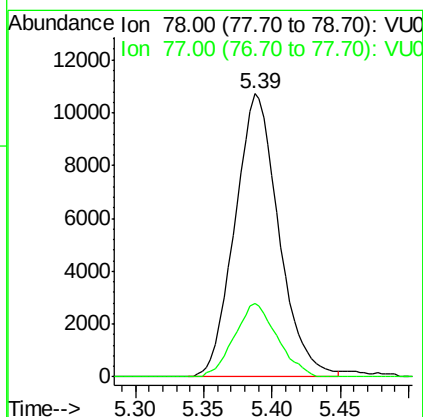
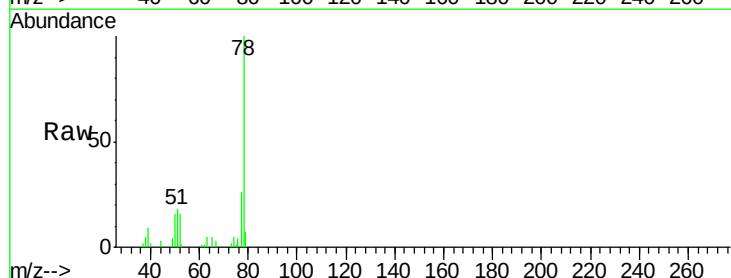
Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-21-23-180621ME

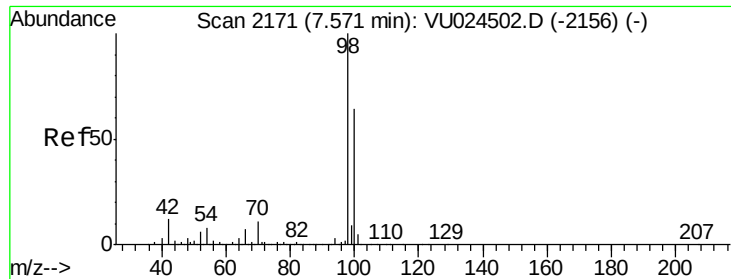
Tgt Ion: 83 Resp: 7068
Ion Ratio Lower Upper
83 100
55 85.9 65.8 98.6
98 48.0 36.7 55.1



#40
Benzene
Concen: 1.948 ug/l
RT: 5.39 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

Tgt Ion: 78 Resp: 23962
Ion Ratio Lower Upper
78 100
77 26.0 19.2 28.8

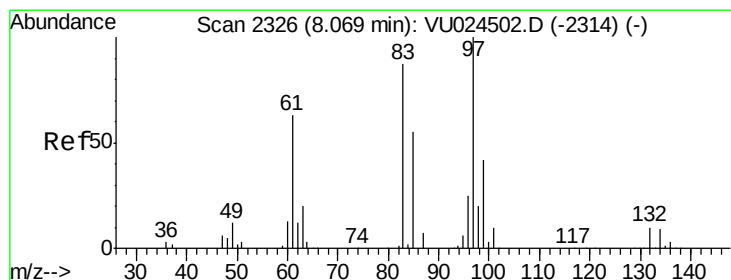
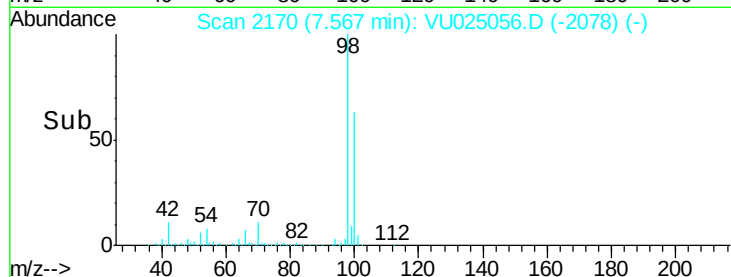
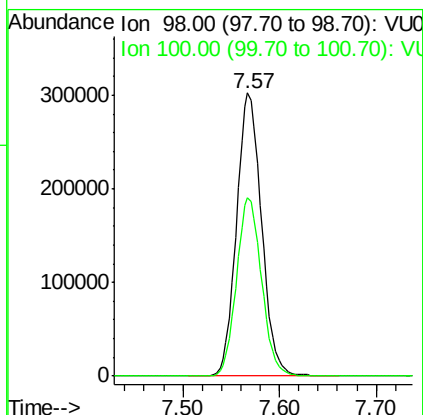
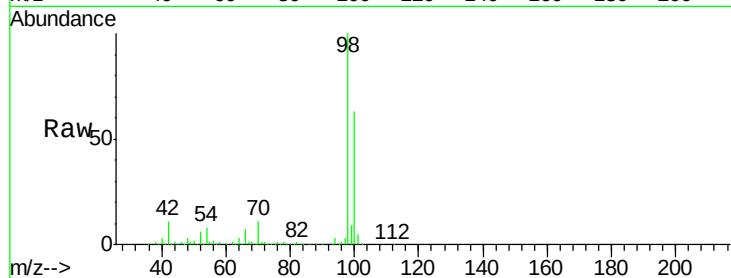




#50
Toluene-d8
Concen: 48.876 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

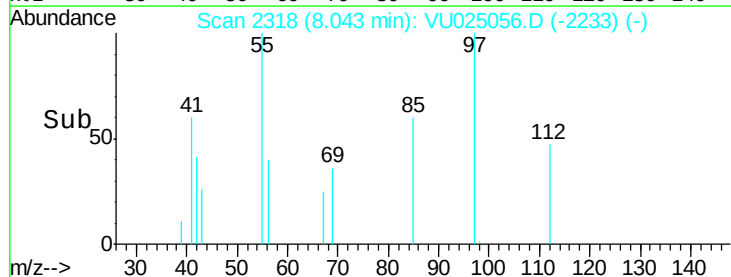
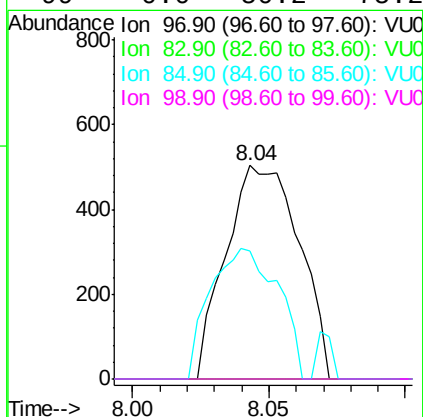
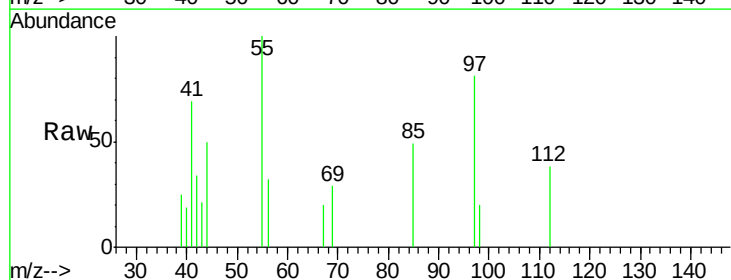
Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-21-23-180621ME

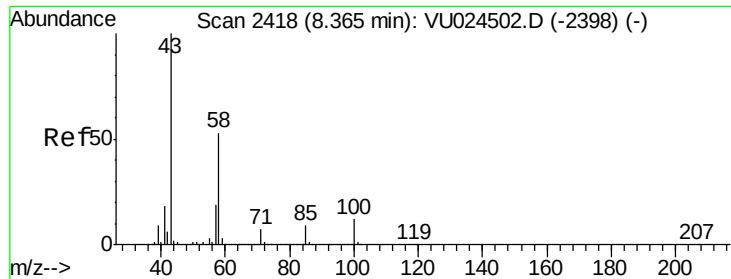
Tgt Ion: 98 Resp: 543437
Ion Ratio Lower Upper
98 100
100 63.2 51.1 76.7



#55
1,1,2-Trichloroethane
Concen: 0.292 ug/l
RT: 8.04 min Scan# 2318
Delta R.T. -0.03 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

Tgt Ion: 97 Resp: 939
Ion Ratio Lower Upper
97 100
83 0.0 70.5 105.7#
85 59.9 46.4 69.6
99 0.0 50.2 75.2#

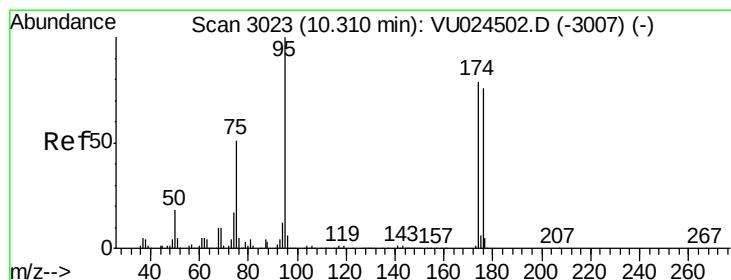
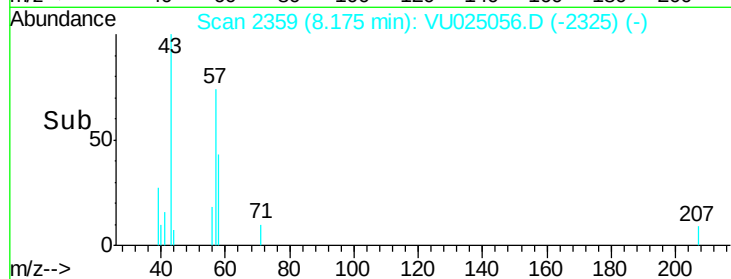
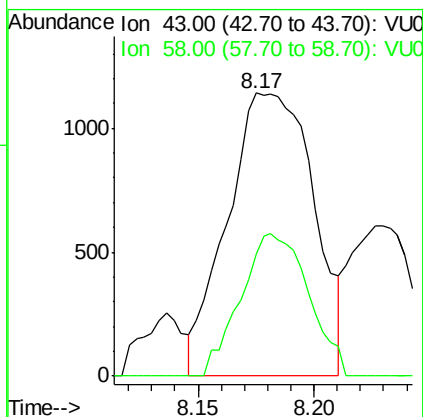
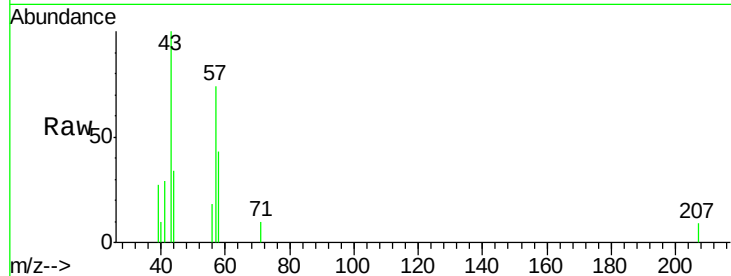




#59
 2-Hexanone
 Concen: 0.706 ug/l
 RT: 8.17 min Scan# 2359
 Delta R.T. -0.19 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

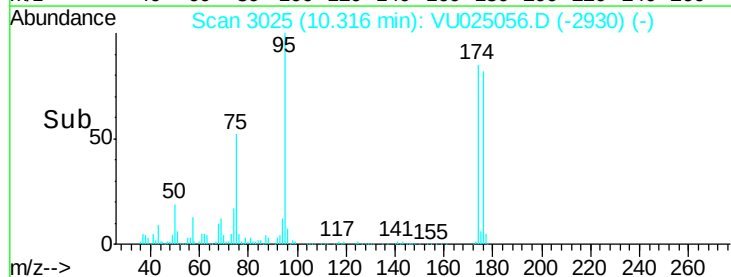
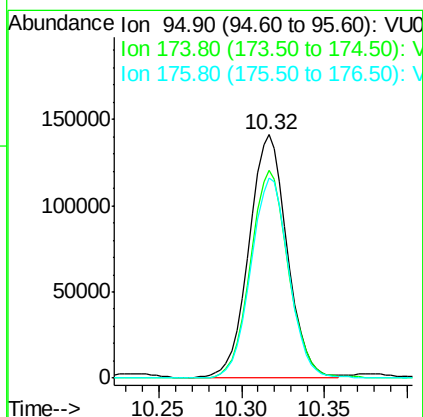
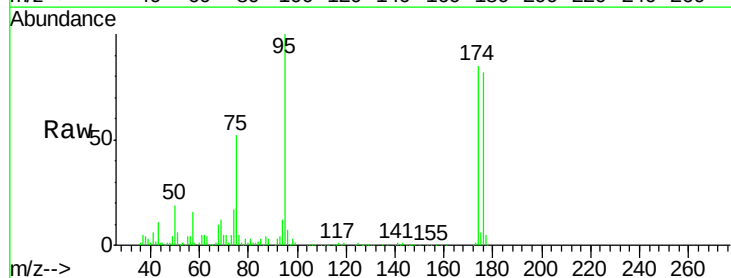
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-21-23-180621ME

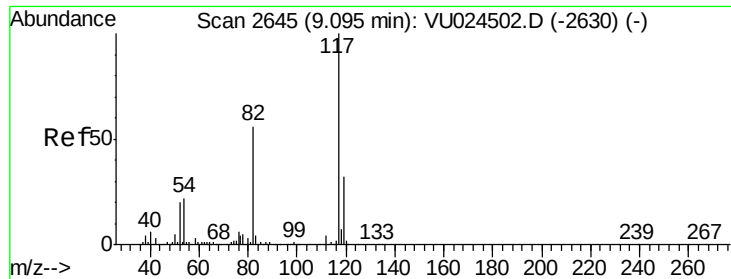
Tgt Ion: 43 Resp: 2946
 Ion Ratio Lower Upper
 43 100
 58 39.5 26.4 79.0



#62
 4-Bromofluorobenzene
 Concen: 50.984 ug/l
 RT: 10.32 min Scan# 3025
 Delta R.T. 0.01 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

Tgt Ion: 95 Resp: 225072
 Ion Ratio Lower Upper
 95 100
 174 85.4 0.0 165.8
 176 82.6 0.0 159.4

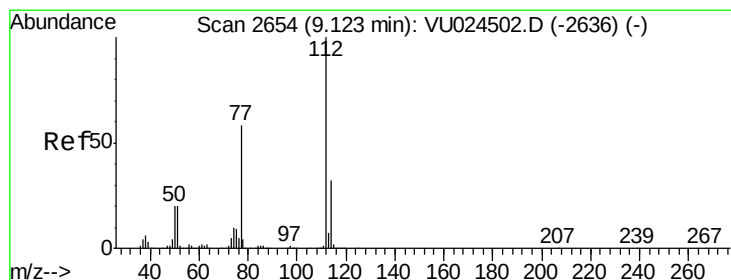
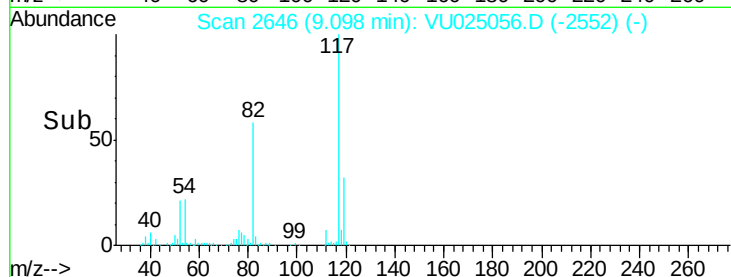
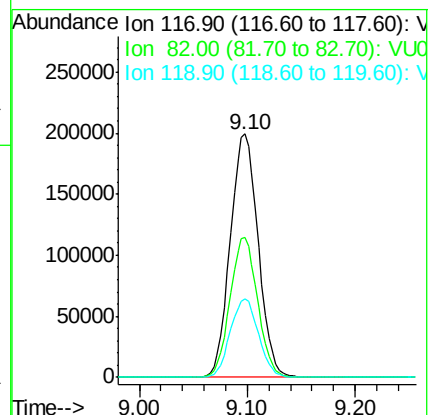
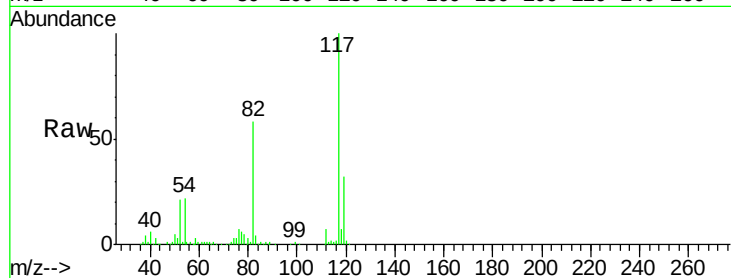




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

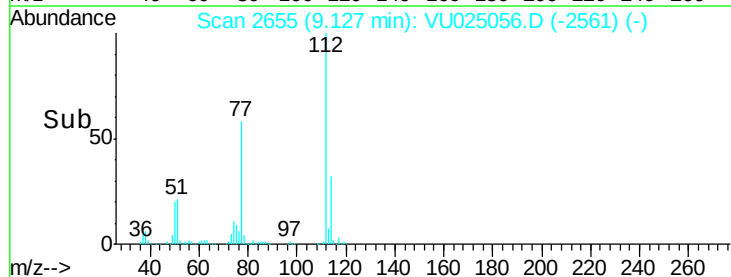
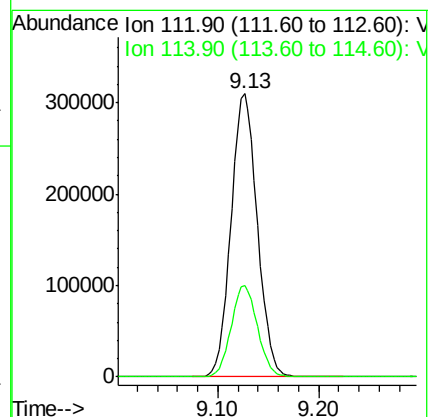
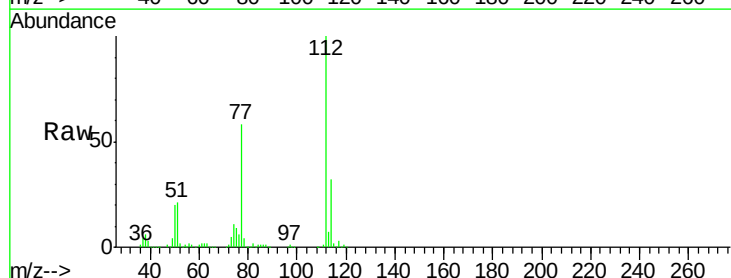
Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-21-23-180621ME

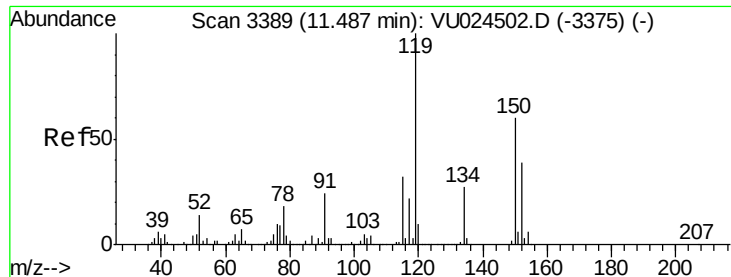
Tgt Ion:117 Resp: 359629
Ion Ratio Lower Upper
117 100
82 57.5 44.3 66.5
119 32.4 25.4 38.2



#65
Chlorobenzene
Concen: 61.485 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

Tgt Ion:112 Resp: 564874
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU025056.D

Acq: 29 Jun 2018 06:25

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-21-23-180621ME

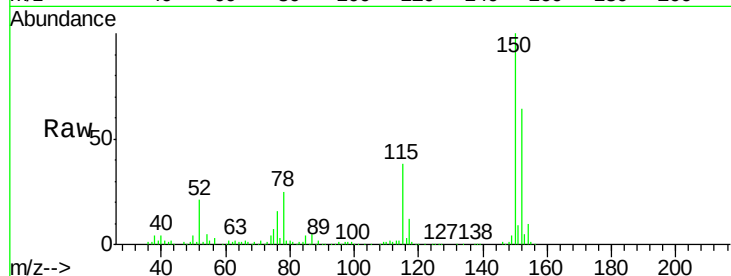
Tgt Ion:152 Resp: 212134

Ion Ratio Lower Upper

152 100

115 57.9 43.0 129.0

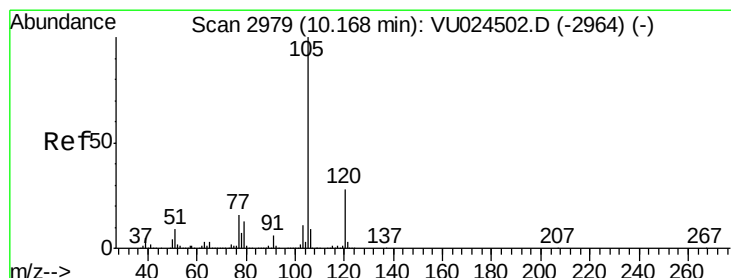
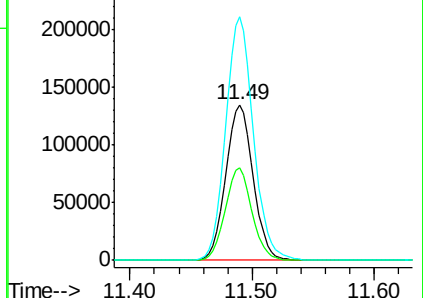
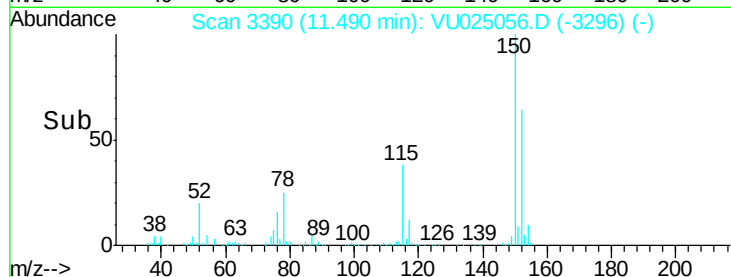
150 157.9 0.0 354.0



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



#73

Isopropylbenzene

Concen: 0.975 ug/l

RT: 10.17 min Scan# 2981

Delta R.T. 0.01 min

Lab File: VU025056.D

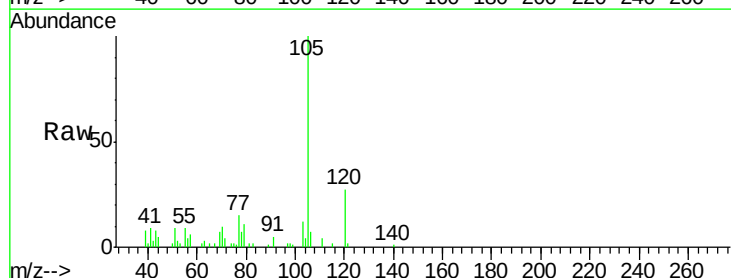
Acq: 29 Jun 2018 06:25

Tgt Ion:105 Resp: 15879

Ion Ratio Lower Upper

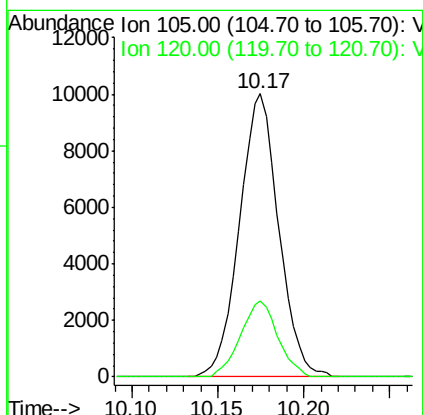
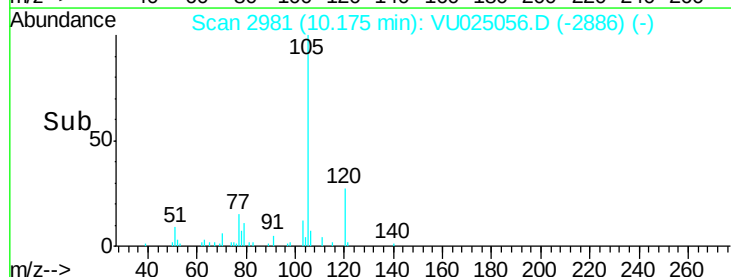
105 100

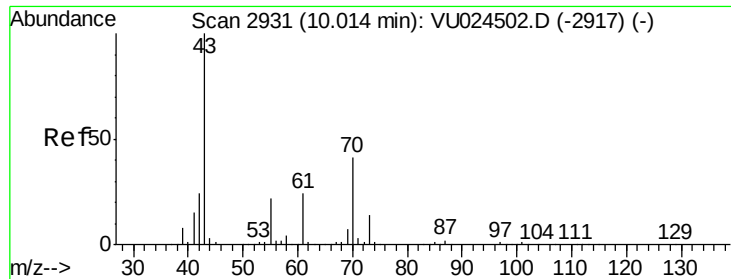
120 25.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.632 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025056.D

Acq: 29 Jun 2018 06:25

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-21-23-180621ME

Tgt Ion: 43 Resp: 4897

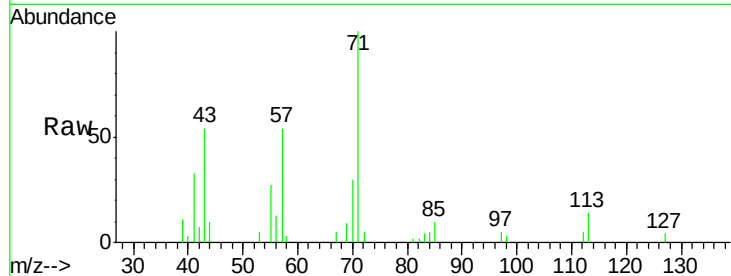
Ion Ratio Lower Upper

43 100

70 58.4 32.2 48.4#

55 0.0 20.5 30.7#

61 0.0 18.7 28.1#

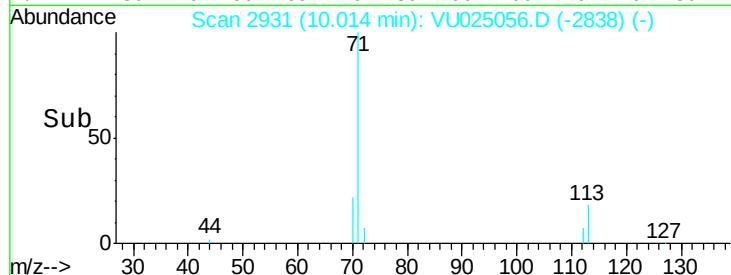


Abundance Ion 43.00 (42.70 to 43.70): VU0

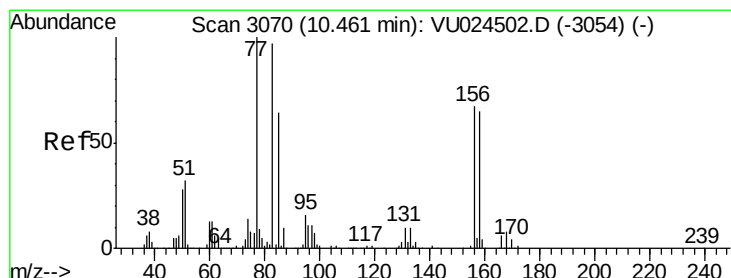
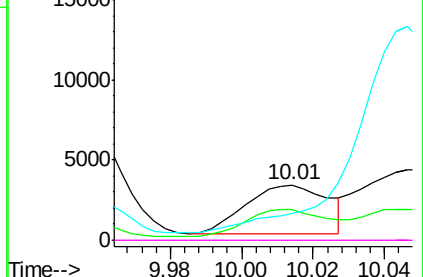
Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 0.229 ug/l

RT: 10.46 min Scan# 3071

Delta R.T. 0.00 min

Lab File: VU025056.D

Acq: 29 Jun 2018 06:25

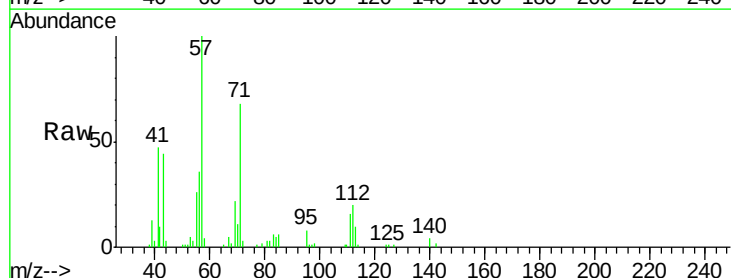
Tgt Ion: 83 Resp: 1251

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

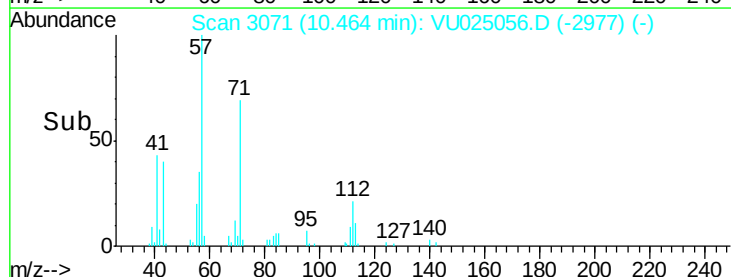
85 193.0 32.5 97.5#



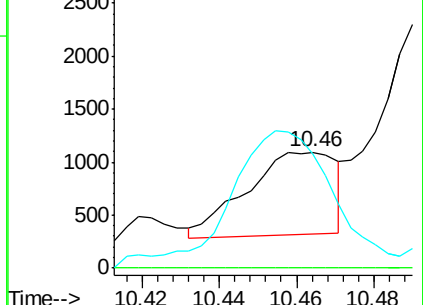
Abundance Ion 82.90 (82.60 to 83.60): VU0

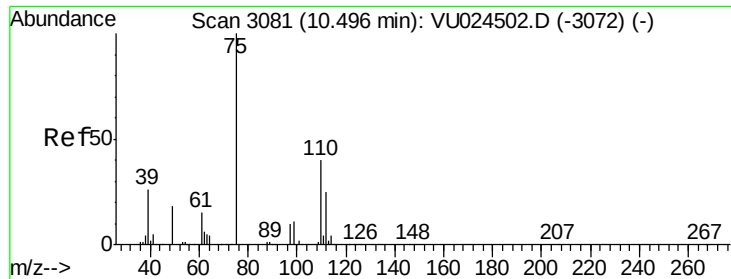
Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0



Time-->





#76

1,2,3-Trichloropropane

Concen: 25.068 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. -0.18 min

Lab File: VU025056.D

Acq: 29 Jun 2018 06:25

Instrument :

MSVOA_U

ClientSampleId :

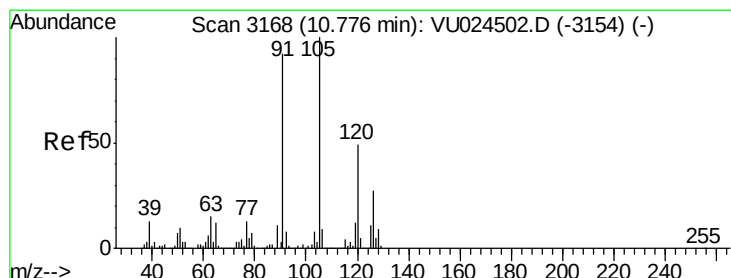
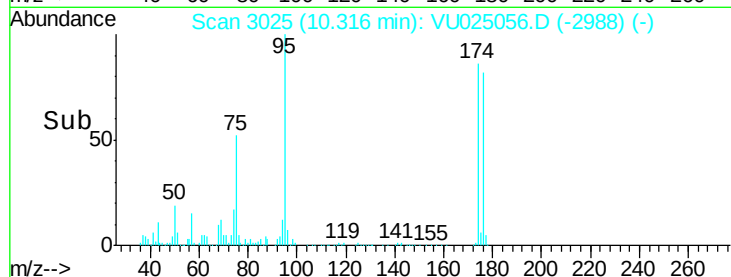
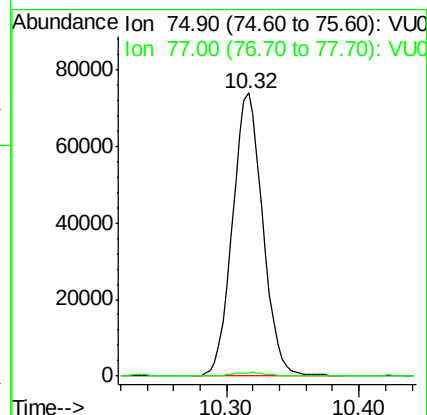
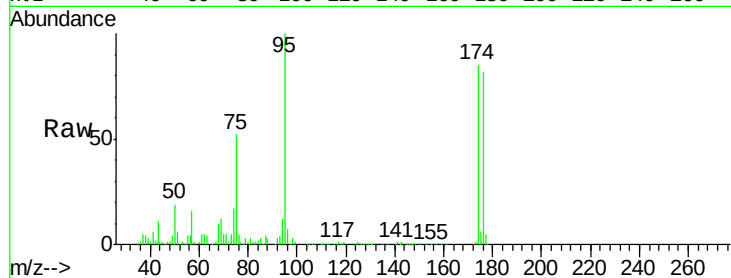
WP021SB481-21-23-180621ME

Tgt Ion: 75 Resp: 117079

Ion Ratio Lower Upper

75 100

77 1.6 20.9 62.7#



#80

1,3,5-Trimethylbenzene

Concen: 0.967 ug/l

RT: 10.98 min Scan# 3231

Delta R.T. 0.20 min

Lab File: VU025056.D

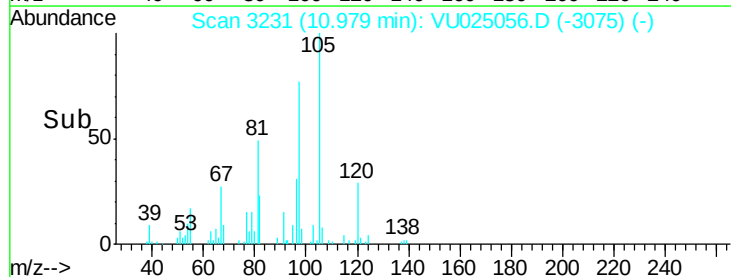
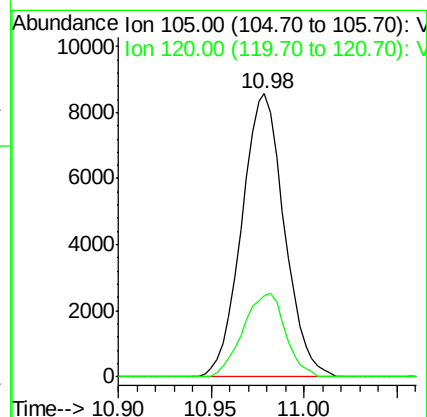
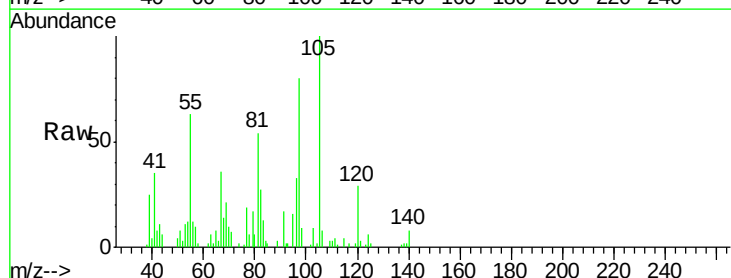
Acq: 29 Jun 2018 06:25

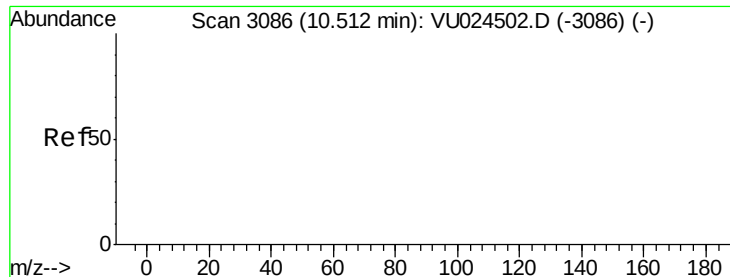
Tgt Ion: 105 Resp: 13654

Ion Ratio Lower Upper

105 100

120 29.2 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 58.018 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. -0.20 min

Lab File: VU025056.D

Acq: 29 Jun 2018 06:25

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-21-23-180621ME

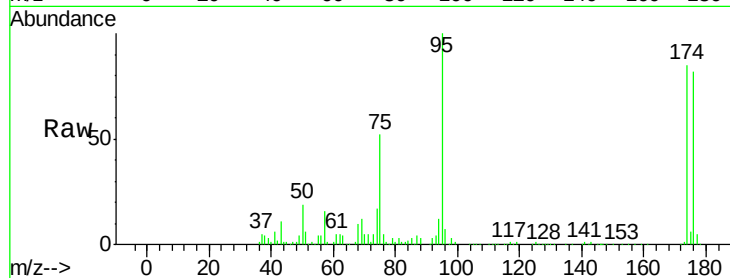
Tgt Ion: 75 Resp: 117079

Ion Ratio Lower Upper

75 100

53 0.8 0.0 0.0#

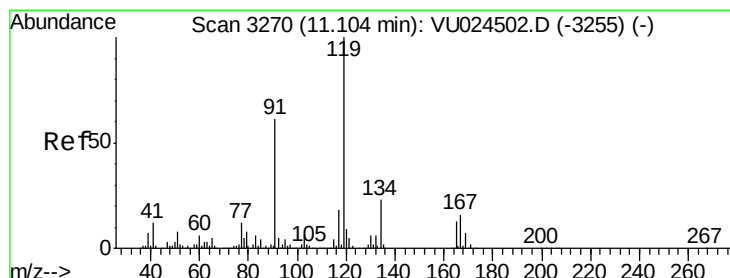
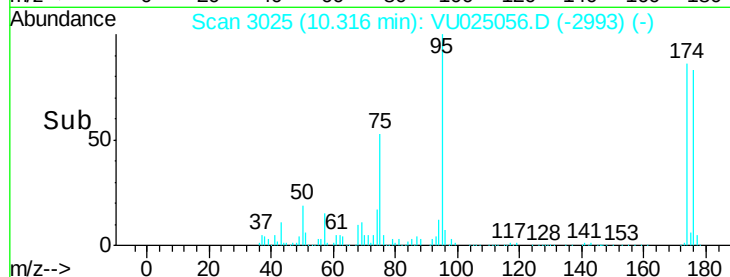
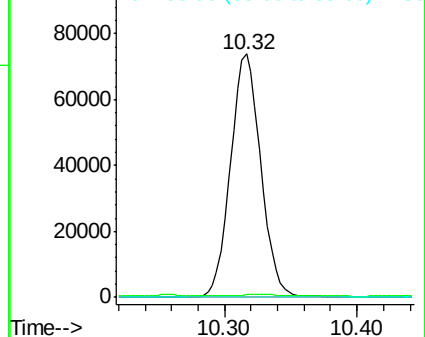
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU024502.D (-3086) (-)

Ion 53.00 (52.70 to 53.70): VU024502.D (-3086) (-)

Ion 88.90 (88.60 to 89.60): VU024502.D (-3086) (-)



#83

tert-Butylbenzene

Concen: 1.492 ug/l

RT: 11.11 min Scan# 3271

Delta R.T. 0.00 min

Lab File: VU025056.D

Acq: 29 Jun 2018 06:25

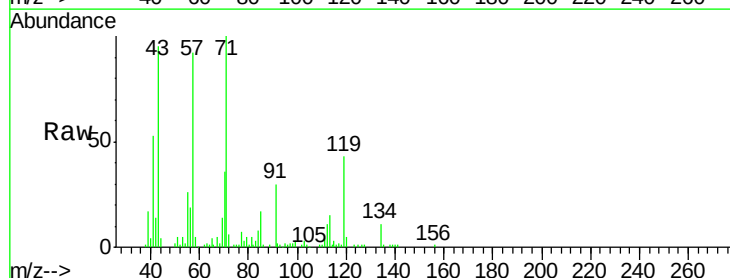
Tgt Ion: 119 Resp: 20262

Ion Ratio Lower Upper

119 100

91 70.9 29.7 89.1

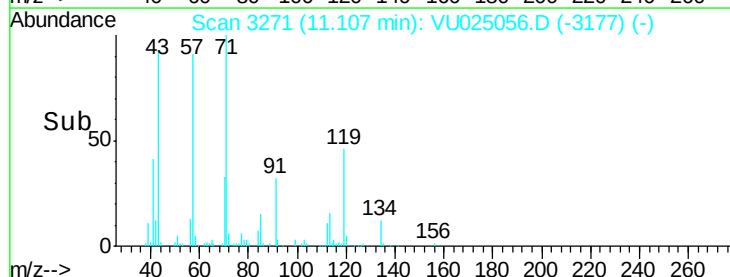
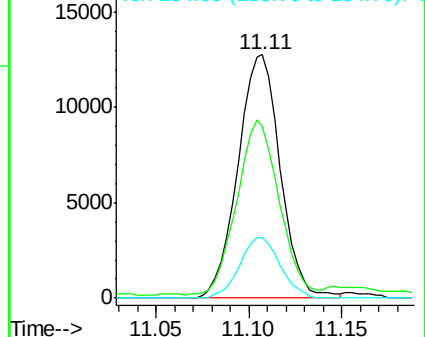
134 23.6 11.6 34.7

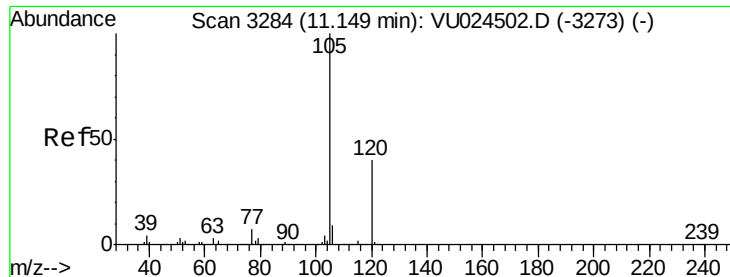


Abundance Ion 119.00 (118.70 to 119.70): VU024502.D (-3255) (-)

Ion 91.00 (90.70 to 91.70): VU024502.D (-3255) (-)

Ion 134.00 (133.70 to 134.70): VU024502.D (-3255) (-)

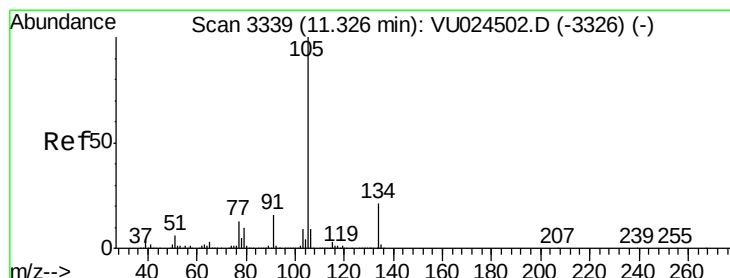
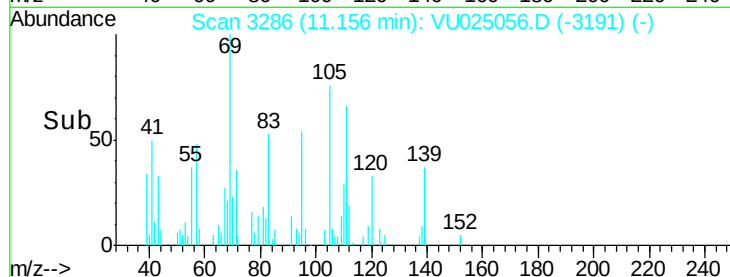
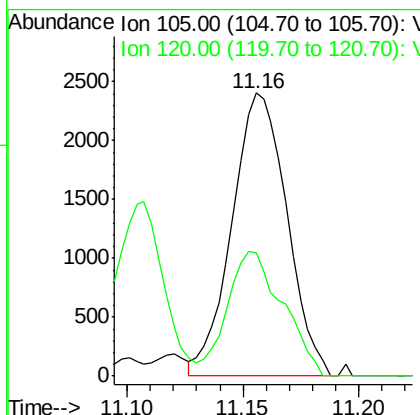
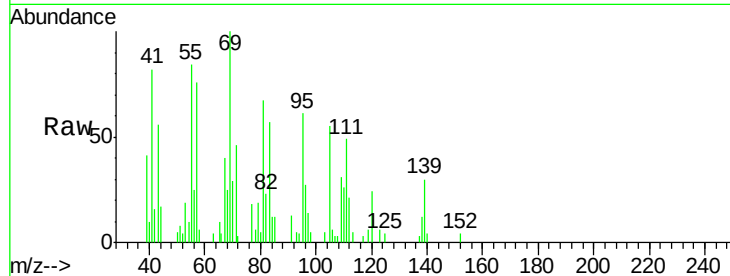




#84
 1,2,4-Trimethylbenzene
 Concen: 0.275 ug/l
 RT: 11.16 min Scan# 3286
 Delta R.T. 0.01 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

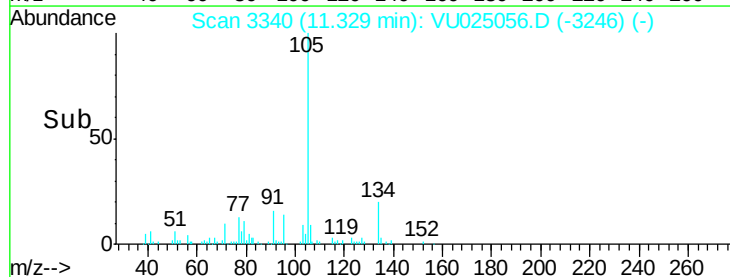
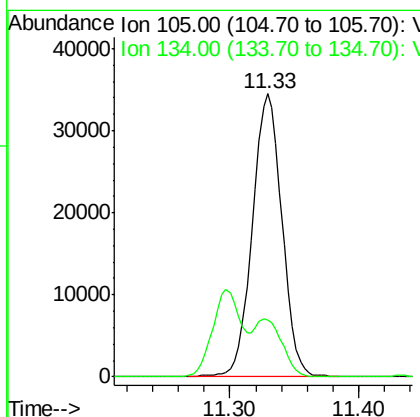
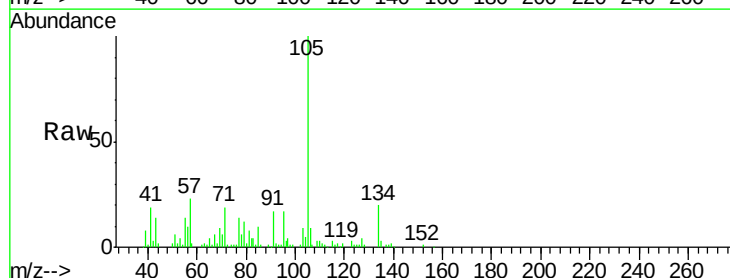
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-21-23-180621ME

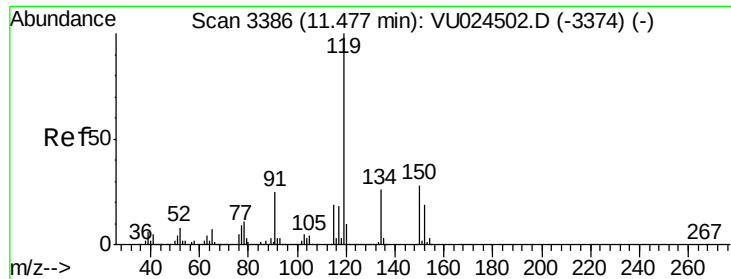
Tgt Ion:105 Resp: 3959
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 3.245 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

Tgt Ion:105 Resp: 55154
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.7 29.1

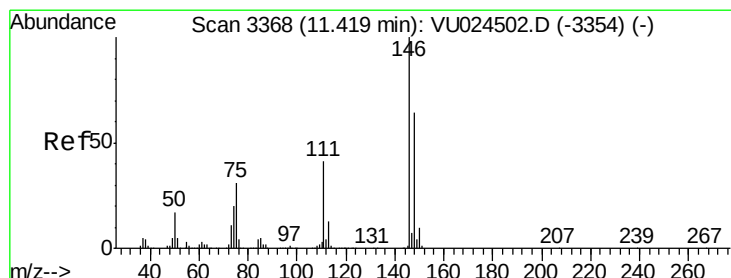
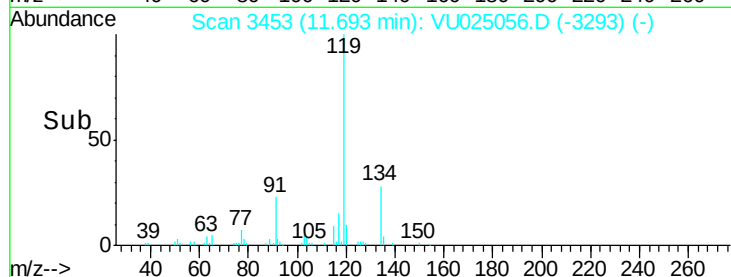
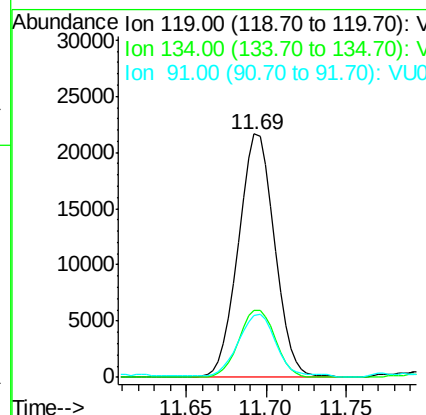
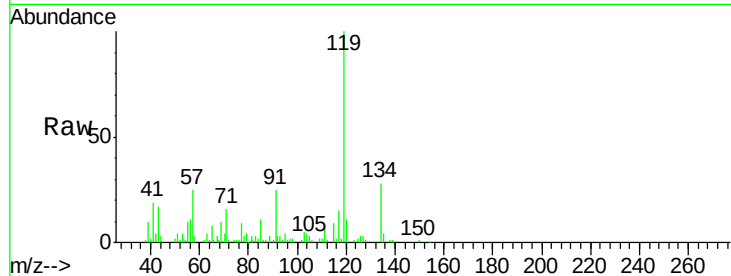




#86
 p-Isopropyltoluene
 Concen: 2.195 ug/l
 RT: 11.69 min Scan# 3453
 Delta R.T. 0.22 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

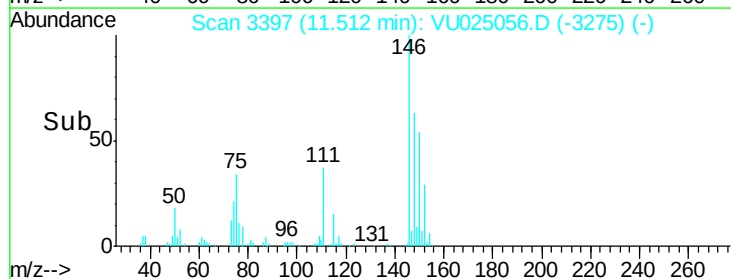
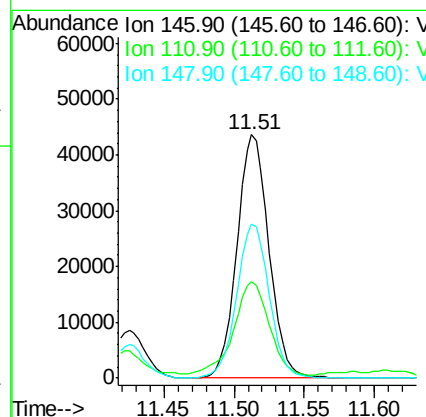
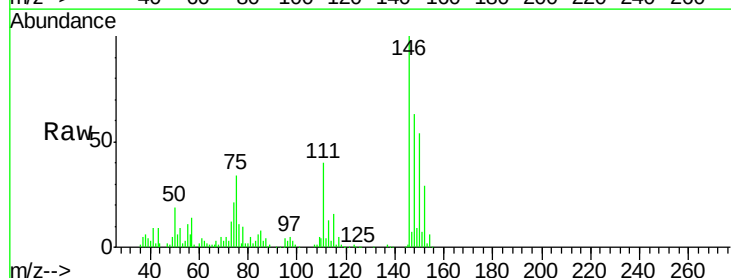
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-21-23-180621ME

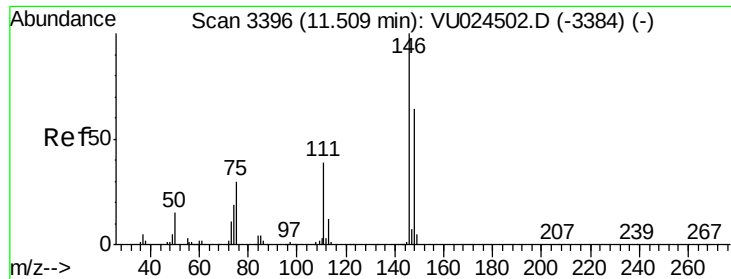
Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.6	12.9	38.6
91	27.6	12.0	36.1



#87
 1,3-Dichlorobenzene
 Concen: 9.082 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.09 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.0	60.0
148	64.6	32.1	96.5

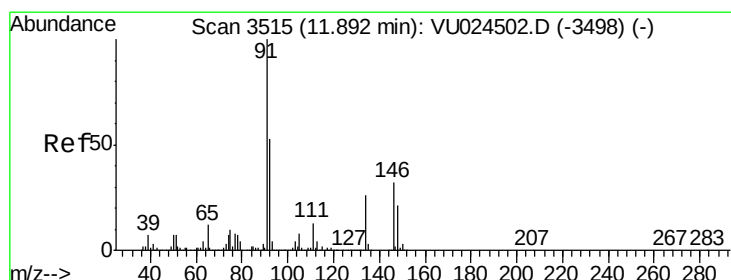
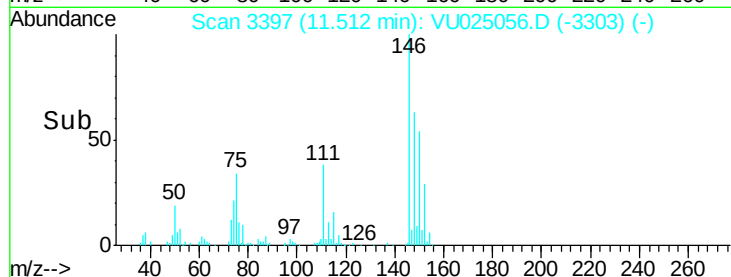
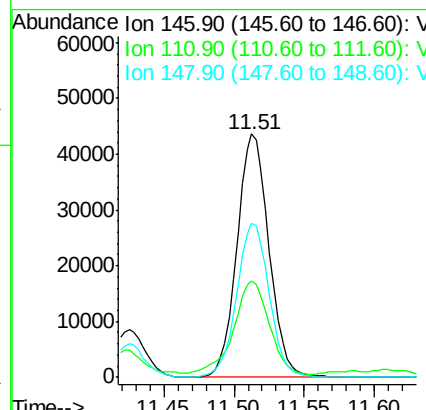
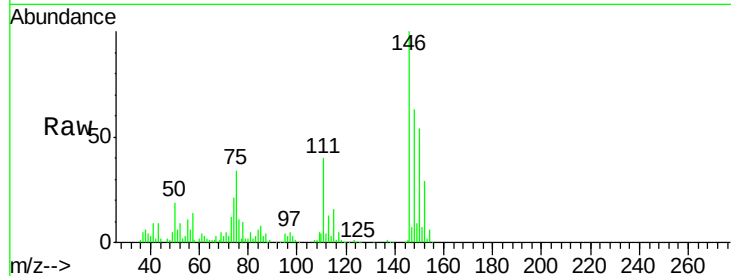




#88
 1,4-Dichlorobenzene
 Concen: 9.023 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

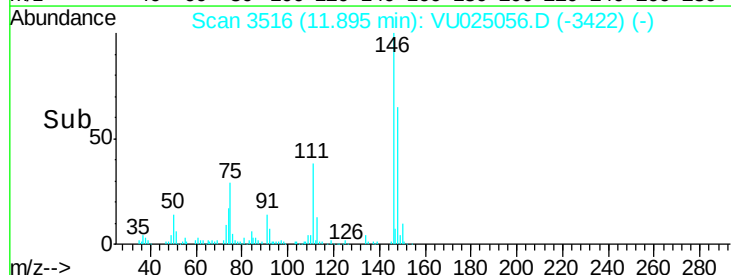
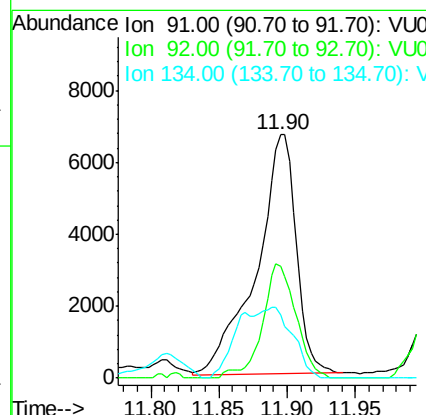
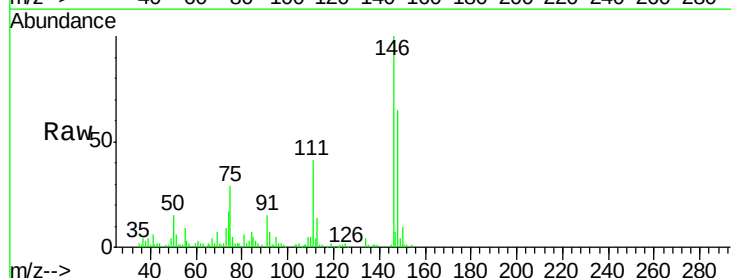
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-21-23-180621ME

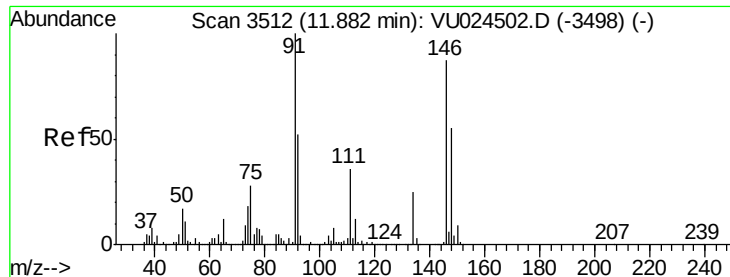
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	19.5	58.5
148	64.6	32.4	97.0



#89
 n-Butylbenzene
 Concen: 0.993 ug/l
 RT: 11.90 min Scan# 3516
 Delta R.T. 0.00 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	40.5	25.6	76.8
134	0.0	12.3	36.8#

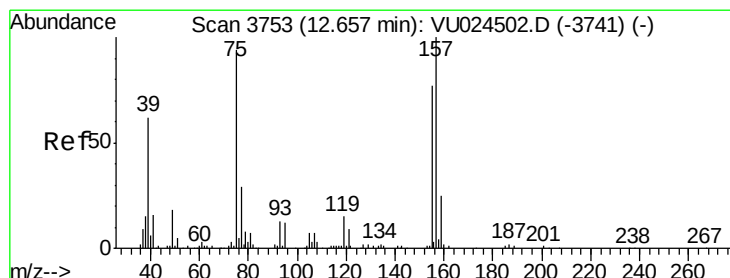
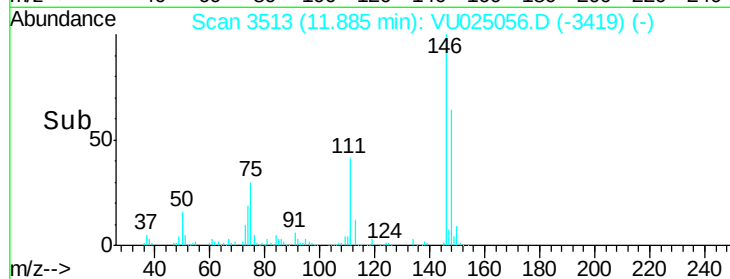
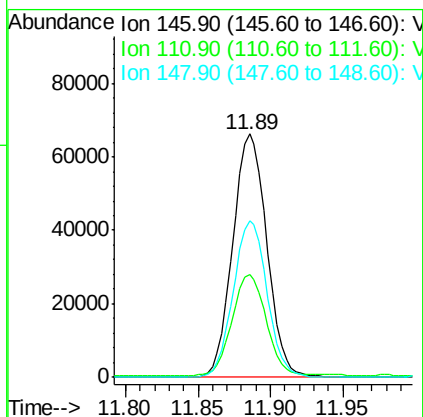
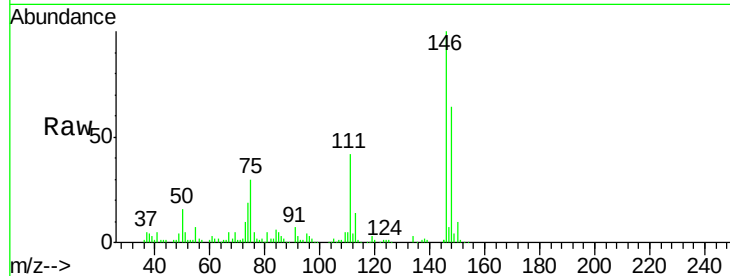




#91
 1,2-Dichlorobenzene
 Concen: 14.175 ug/l
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

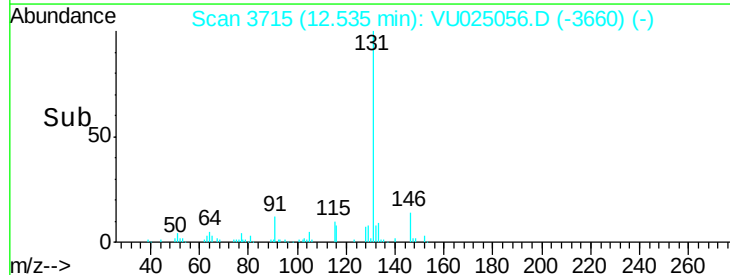
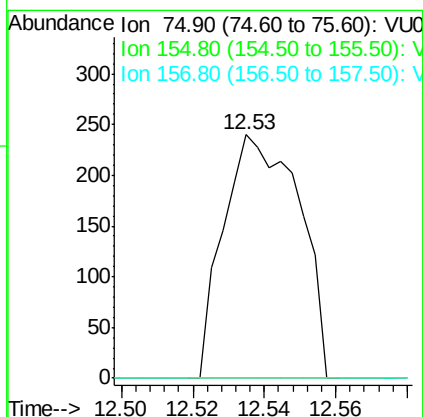
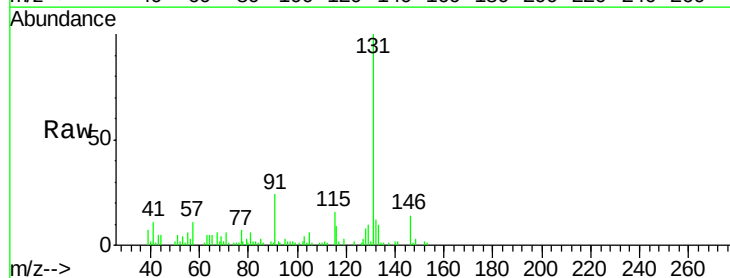
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-21-23-180621ME

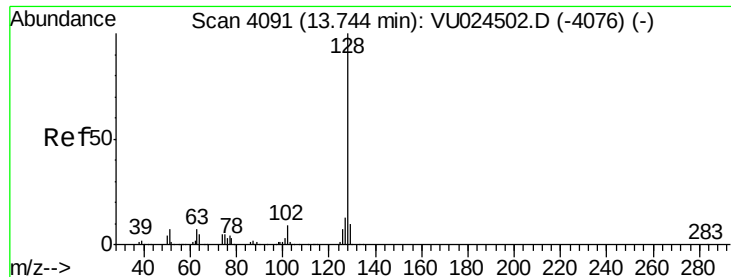
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.5	61.6
148	63.8	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.233 ug/l
 RT: 12.53 min Scan# 3715
 Delta R.T. -0.12 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	0.0	40.4	121.2#
157	0.0	52.3	156.8#





#95
Naphthalene
Concen: 1.677 ug/l
RT: 13.75 min Scan# 4093
Delta R.T. 0.01 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-21-23-180621ME

Tgt Ion:128 Resp: 15784
Ion Ratio Lower Upper
128 100
127 14.2 10.6 16.0
129 16.4 8.6 12.8#

