

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092818\
 Data File : VU027281.D
 Acq On : 28 Sep 2018 18:58
 Operator : MD/SY
 Sample : J5084-24
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B-11(TW-3)

Quant Time: Sep 29 00:08:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	125068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	208708	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	196737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	100715	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	111821	44.42	ug/l	0.00
Spiked Amount			Recovery	=	88.84%	
35) Dibromofluoromethane	4.89	113	82585	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	
50) Toluene-d8	7.57	98	329282	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	
62) 4-Bromofluorobenzene	10.31	95	113465	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.58	64	66014	39.314	ug/l #	54
11) Tert butyl alcohol	2.84	59	462	0.801	ug/l #	72
13) Acrolein	2.19	56	294	0.945	ug/l #	1
14) Allyl chloride	2.71	41	10072	2.875	ug/l #	63
16) Acetone	2.32	43	9831	Below Cal		98
17) Carbon Disulfide	2.48	76	3435	0.610	ug/l	100
18) Methyl Acetate	2.62	43	1479	0.413	ug/l #	69
31) Cyclohexane	4.98	56	4279	0.572	ug/l #	3
36) 1,1-Dichloropropene	4.98	75	10683	3.835	ug/l #	50
38) Carbon Tetrachloride	4.99	117	12637	4.767	ug/l #	17
39) Methylcyclohexane	6.40	83	1477	0.488	ug/l #	78
40) Benzene	5.40	78	2467	0.291	ug/l #	78
41) Methacrylonitrile	4.73	41	447	0.228	ug/l #	46
43) Isopropyl Acetate	5.54	43	10826	1.969	ug/l #	62
48) Methyl methacrylate	6.64	41	422	1.150	ug/l #	80
51) 4-Methyl-2-Pentanone	7.47	43	752	0.203	ug/l #	38
52) Toluene	7.64	92	15113	3.114	ug/l	96
55) 1,1,2-Trichloroethane	8.04	97	3313	1.611	ug/l #	18
56) Ethyl methacrylate	8.04	69	799	2.408	ug/l #	1
67) Ethyl Benzene	9.25	91	27460	3.201	ug/l	98
68) m/p-Xylenes	9.38	106	27873	9.404	ug/l	99
69) o-Xylene	9.78	106	7602	2.501	ug/l	98
70) Styrene	9.78	104	566	1.906	ug/l #	1
73) Isopropylbenzene	10.17	105	2756	0.360	ug/l	93
76) 1,2,3-Trichloropropane	10.31	75	58375	19.079	ug/l #	36
78) n-propylbenzene	10.59	91	13819	1.524	ug/l	98
79) 2-Chlorotoluene	10.68	91	1779	0.312	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	4443	0.703	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.31	75	58375	61.055	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	20096	3.122	ug/l	98
85) sec-Butylbenzene	11.32	105	5552	0.727	ug/l	96
86) p-Isopropyltoluene	11.48	119	1188	1.090	ug/l #	60
89) n-Butylbenzene	11.89	91	7074	3.363	ug/l #	71
90) Hexachloroethane	12.25	117	2857	2.058	ug/l #	13

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Response via : Initial Calibration

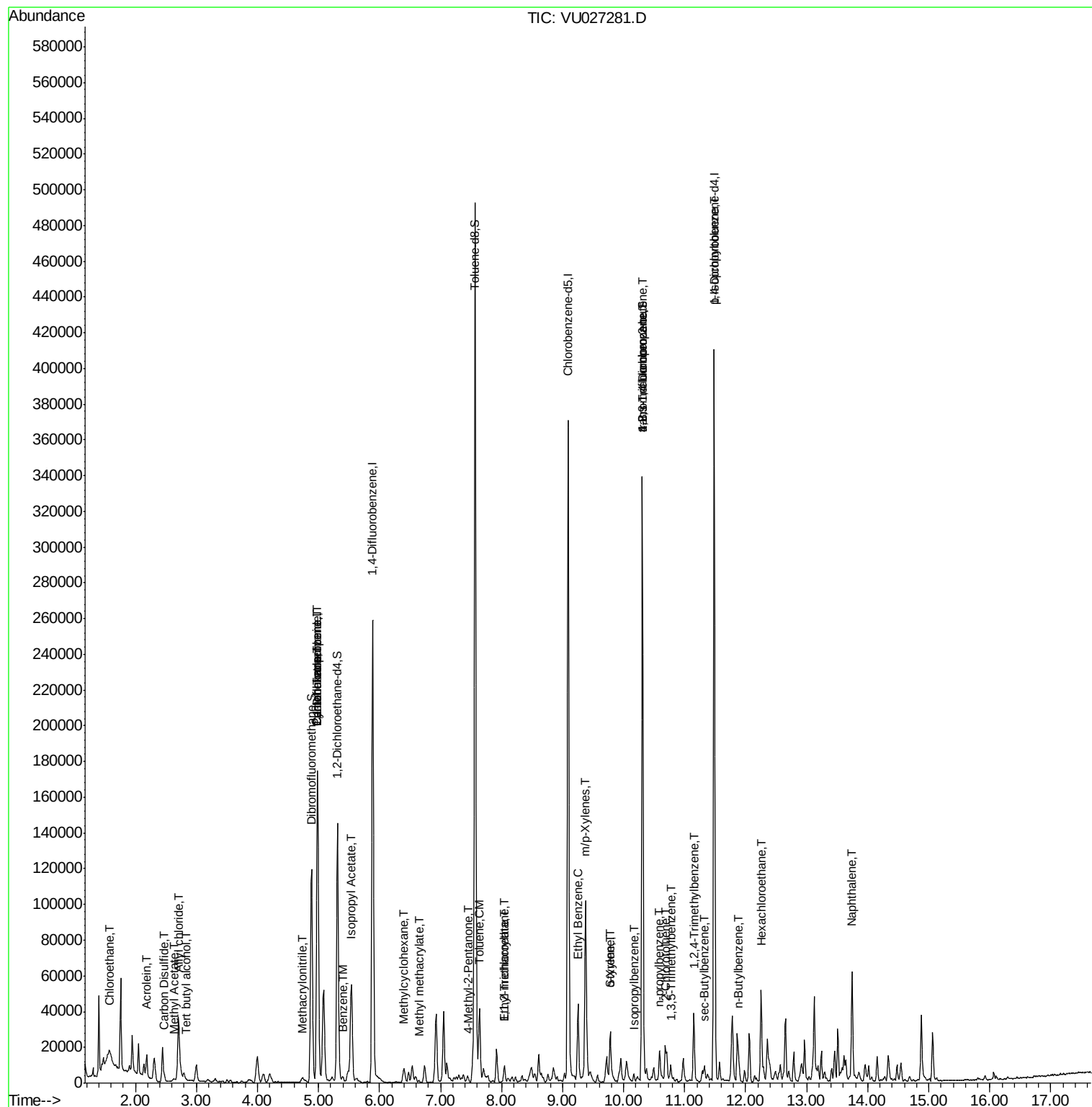
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.75	128	48211	7.276	ug/l	100

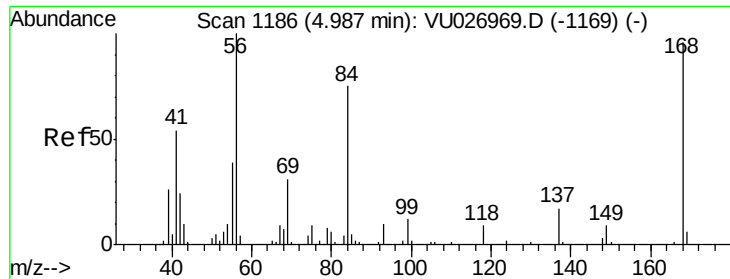
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027281.D

Acq: 28 Sep 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

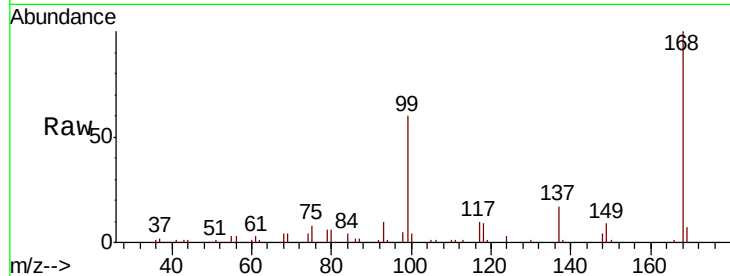
B-11(TW-3)

Tgt Ion:168 Resp: 125068

Ion Ratio Lower Upper

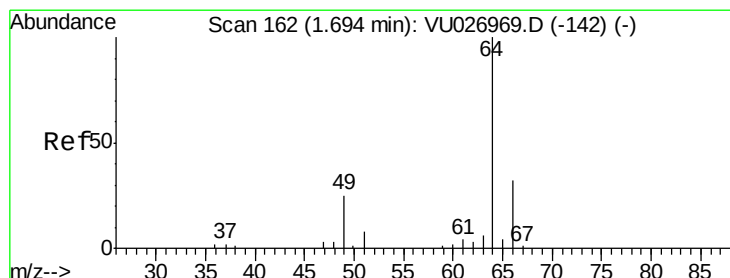
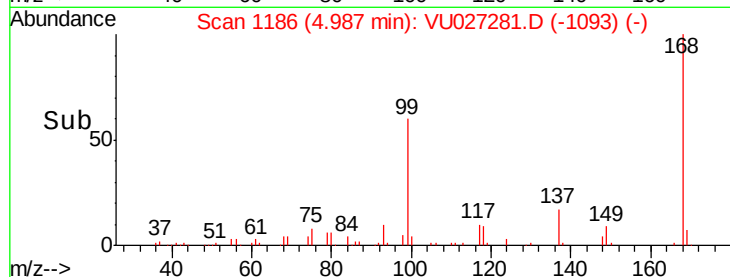
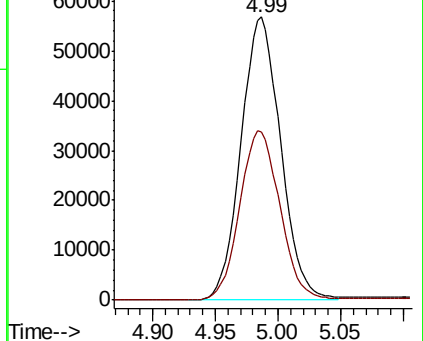
168 100

99 59.6 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)



#6

Chloroethane

Concen: 39.314 ug/l

RT: 1.58 min Scan# 125

Delta R.T. -0.12 min

Lab File: VU027281.D

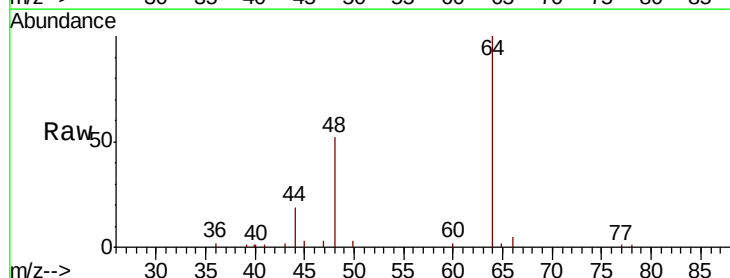
Acq: 28 Sep 2018 18:58

Tgt Ion: 64 Resp: 66014

Ion Ratio Lower Upper

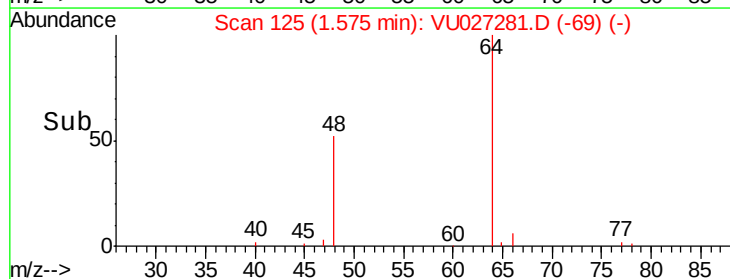
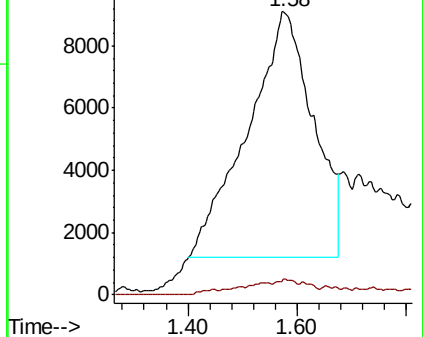
64 100

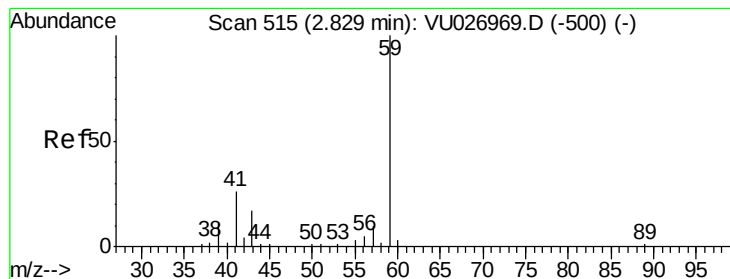
66 6.3 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)



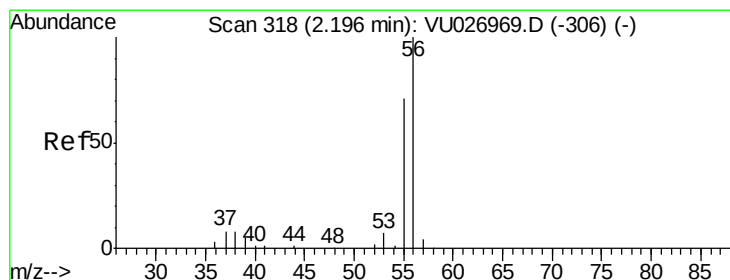
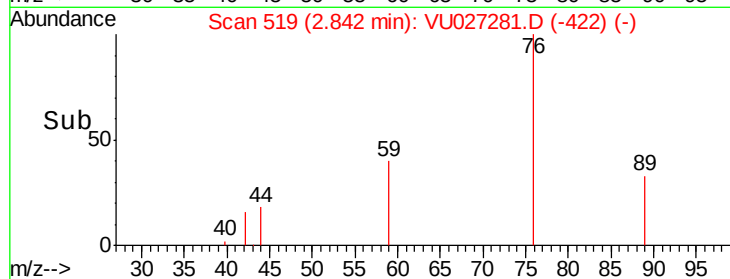
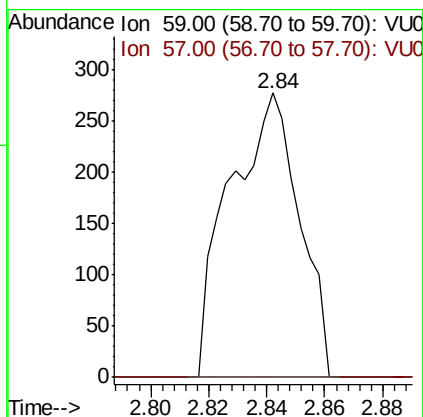
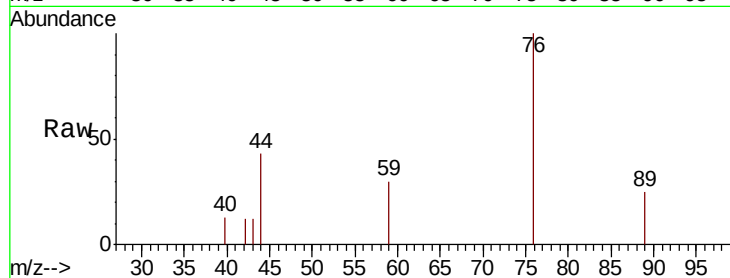


#11

Tert butyl alcohol
 Concen: 0.801 ug/l
 RT: 2.84 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VU027281.D
 Acq: 28 Sep 2018 18:58

Instrument :
 MSVOA_U
 ClientSampleId :
 B-11(TW-3)

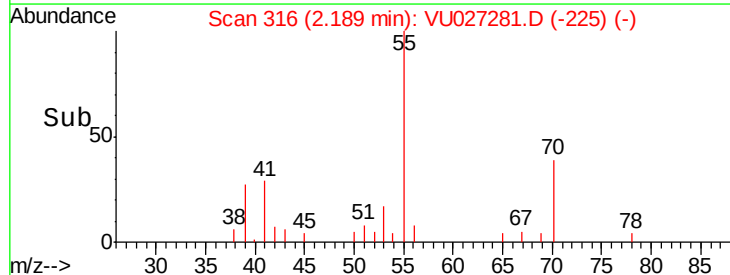
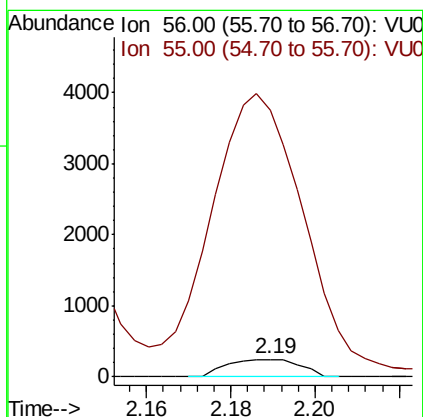
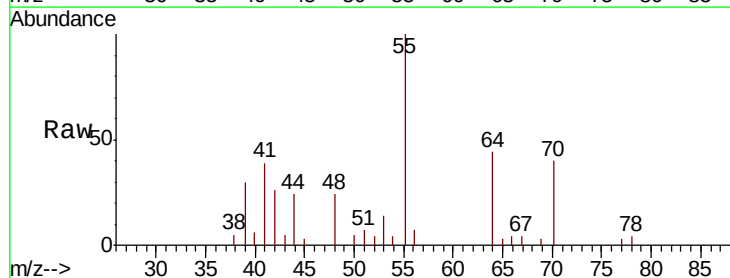
Tgt Ion: 59 Resp: 462
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

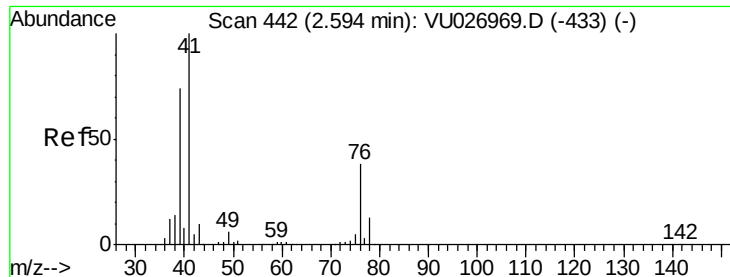


#13

Acrolein
 Concen: 0.945 ug/l
 RT: 2.19 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VU027281.D
 Acq: 28 Sep 2018 18:58

Tgt Ion: 56 Resp: 294
 Ion Ratio Lower Upper
 56 100
 55 2009.5 57.1 85.7#

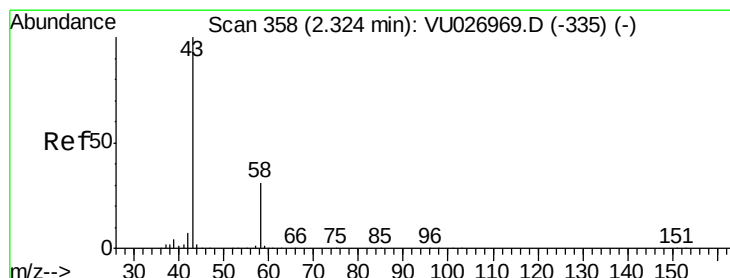
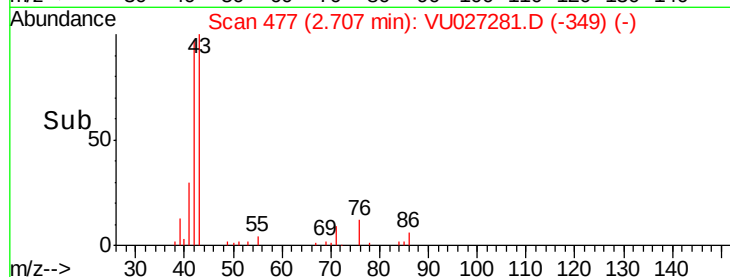
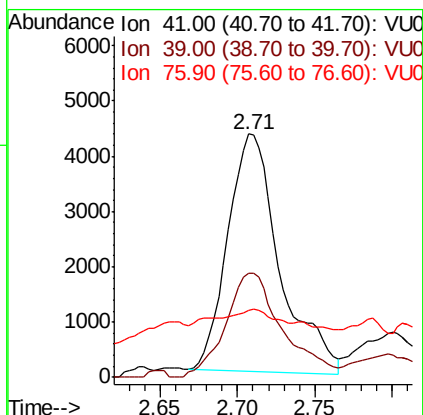
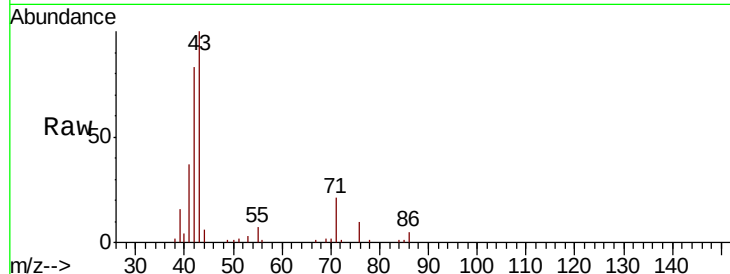




#14
 Allyl chloride
 Concen: 2.875 ug/l
 RT: 2.71 min Scan# 477
 Delta R.T. 0.11 min
 Lab File: VU027281.D
 Acq: 28 Sep 2018 18:58

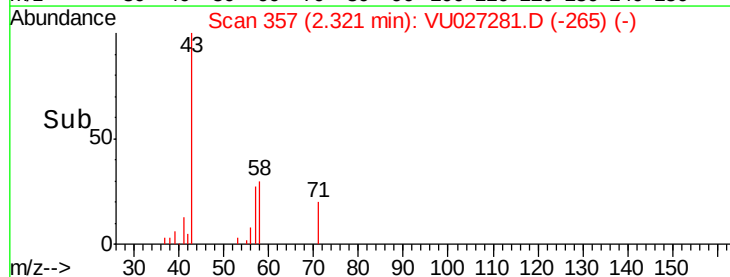
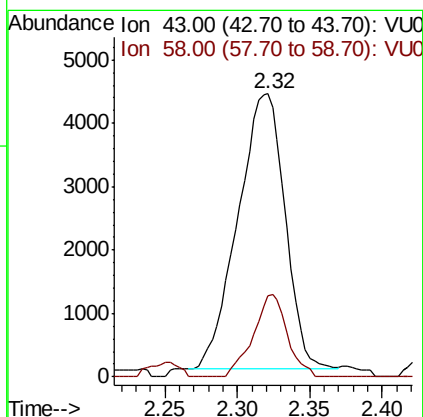
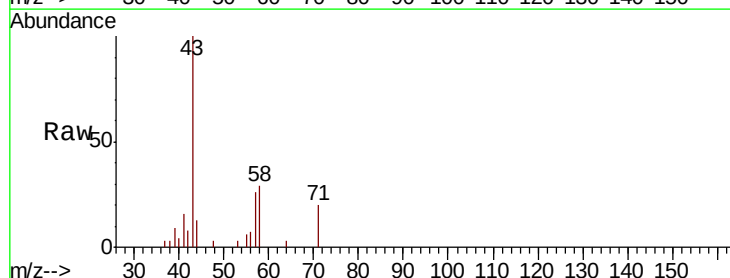
Instrument :
 MSVOA_U
 ClientSampleId :
 B-11(TW-3)

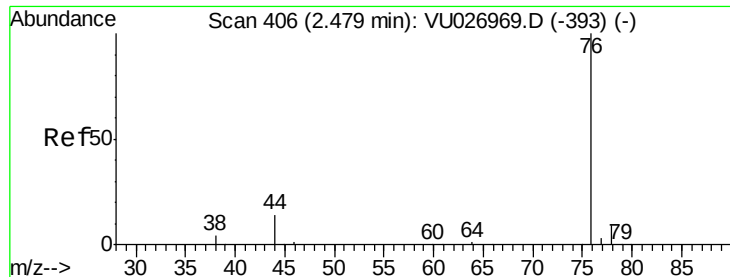
Tgt Ion: 41 Resp: 10072
 Ion Ratio Lower Upper
 41 100
 39 47.8 55.7 83.5#
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU027281.D
 Acq: 28 Sep 2018 18:58

Tgt Ion: 43 Resp: 9831
 Ion Ratio Lower Upper
 43 100
 58 29.4 24.6 36.8

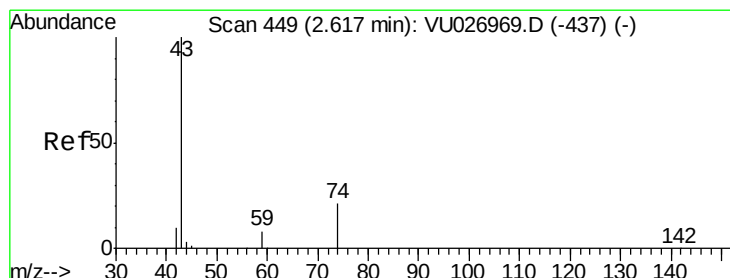
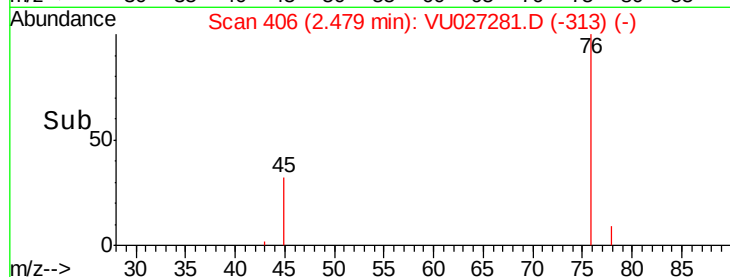
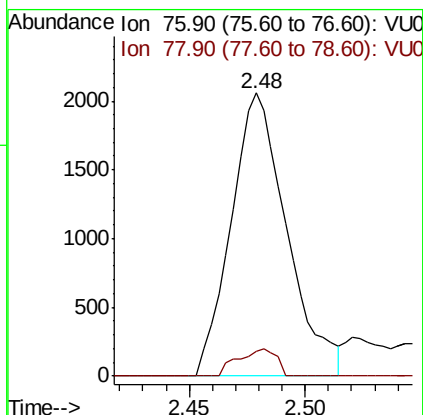
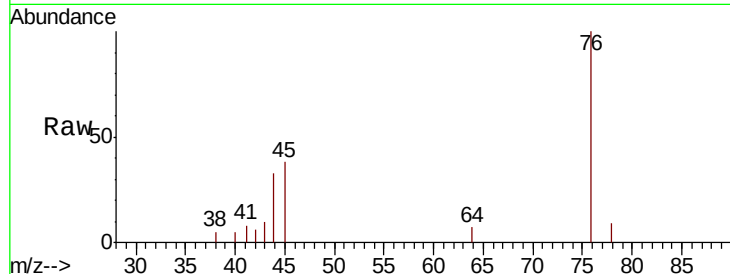




#17
Carbon Disulfide
Concen: 0.610 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027281.D
Acq: 28 Sep 2018 18:58

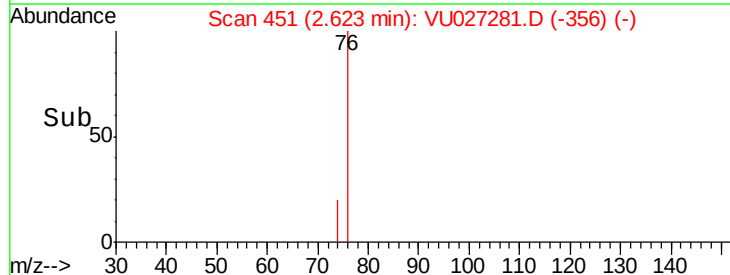
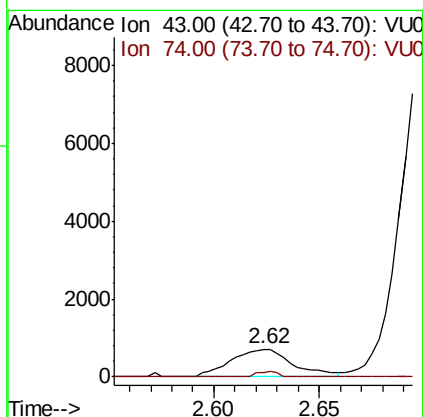
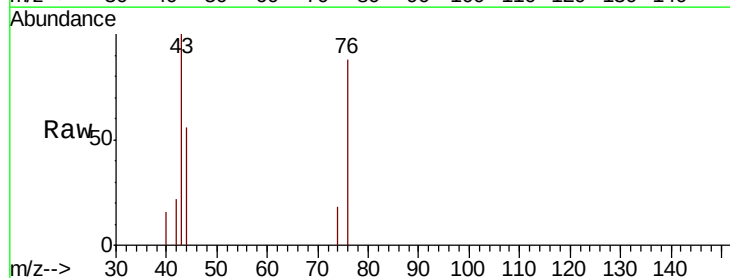
Instrument :
MSVOA_U
ClientSampleId :
B-11(TW-3)

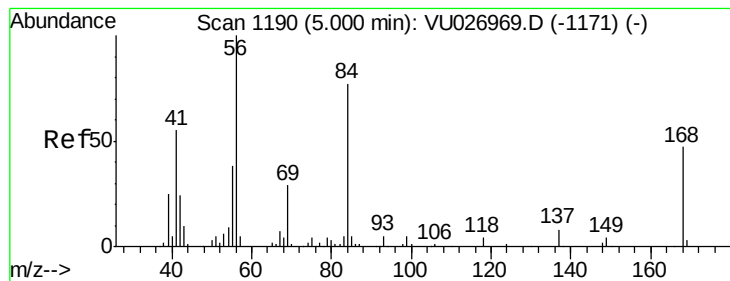
Tgt Ion: 76 Resp: 3435
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 0.413 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027281.D
Acq: 28 Sep 2018 18:58

Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
74 6.5 16.6 25.0#





#31

Cyclohexane

Concen: 0.572 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.02 min

Lab File: VU027281.D

Acq: 28 Sep 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

B-11(TW-3)

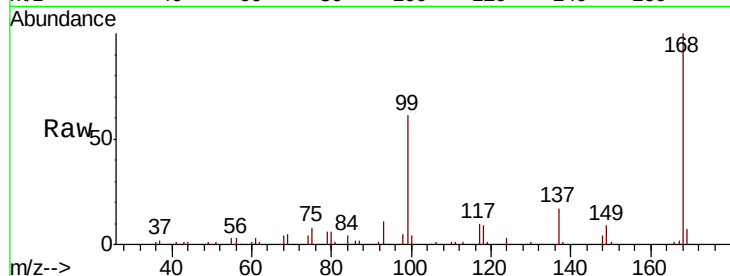
Tgt Ion: 56 Resp: 4279

Ion Ratio Lower Upper

56 100

69 143.5 23.0 34.4#

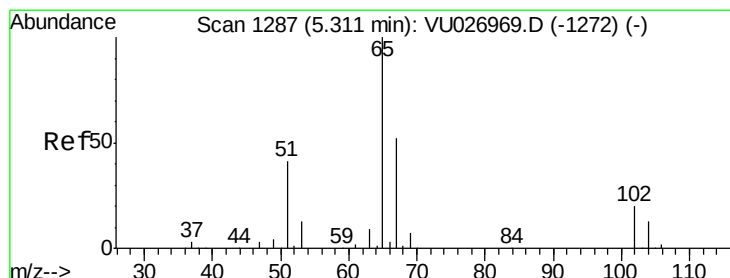
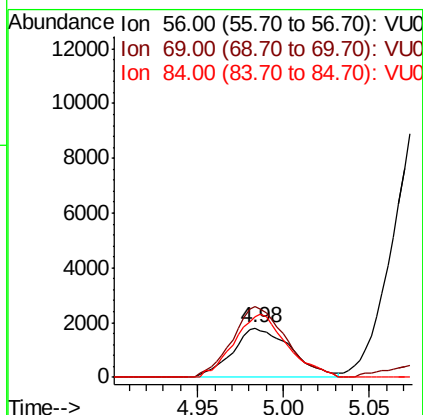
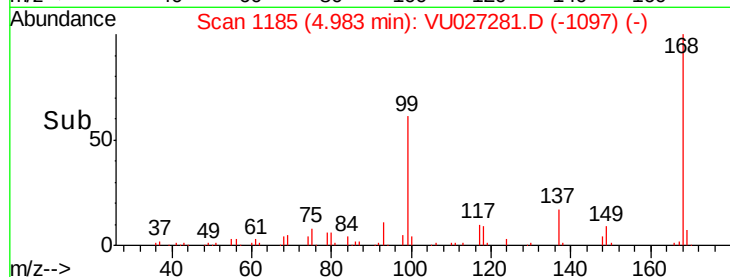
84 122.1 61.4 92.2#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 44.423 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027281.D

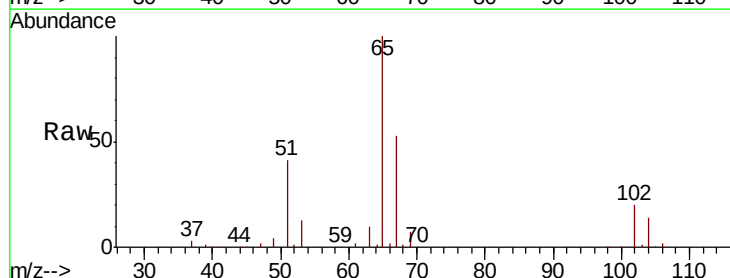
Acq: 28 Sep 2018 18:58

Tgt Ion: 65 Resp: 111821

Ion Ratio Lower Upper

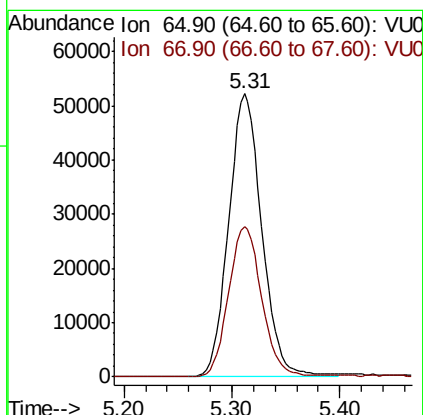
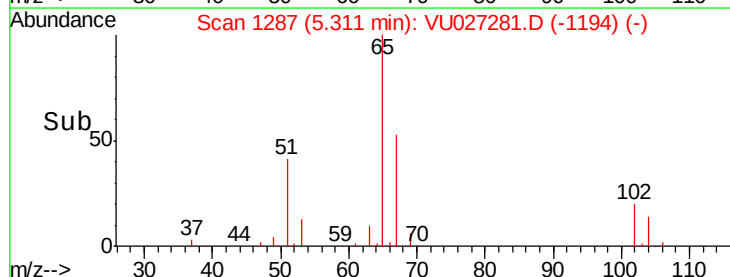
65 100

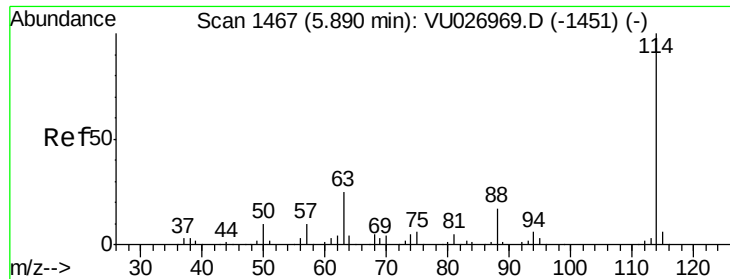
67 53.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

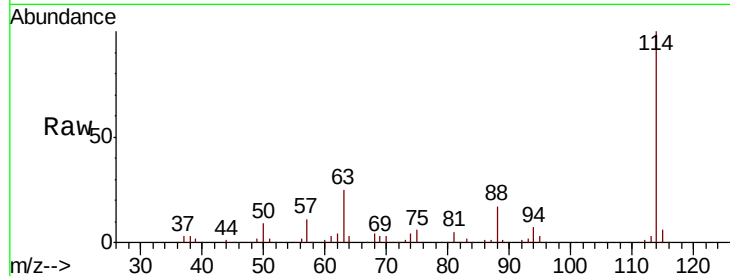




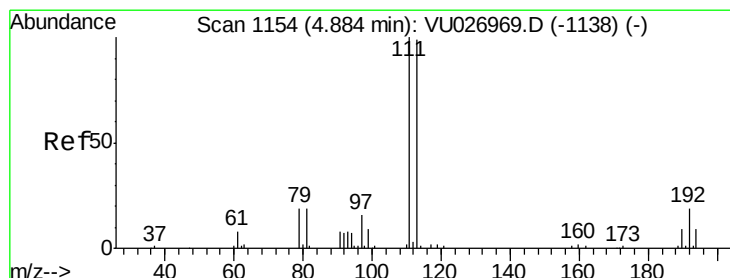
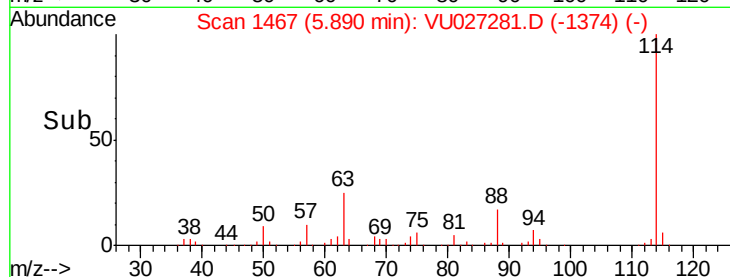
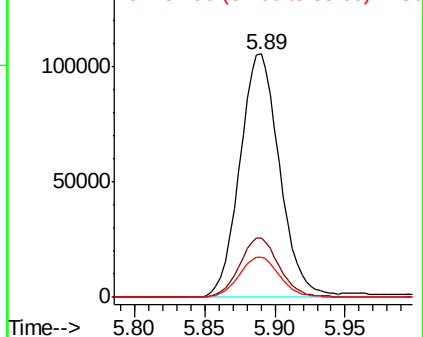
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027281.D
 Acq: 28 Sep 2018 18:58

Instrument :
 MSVOA_U
 ClientSampled :
 B-11(TW-3)

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	49.2
88	16.6	0.0	33.8

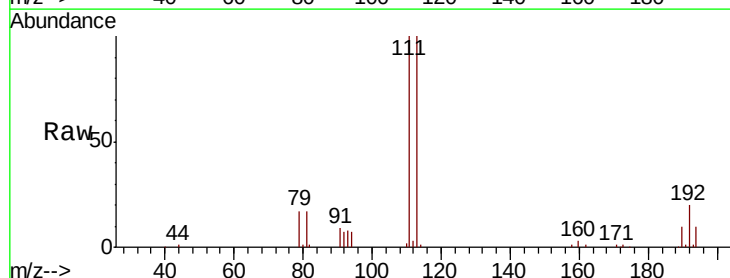


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

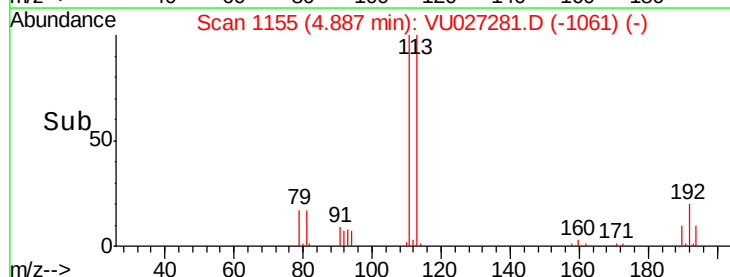
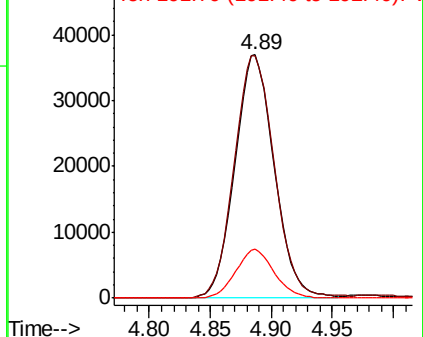


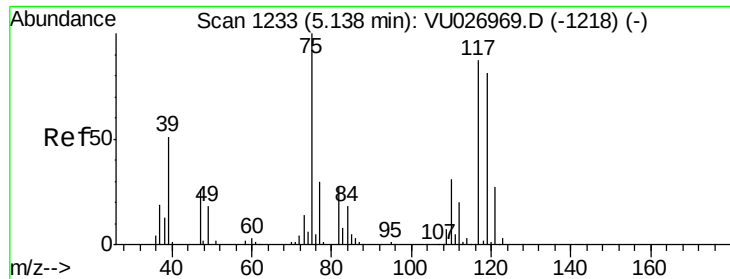
#35
 Dibromofluoromethane
 Concen: 45.650 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027281.D
 Acq: 28 Sep 2018 18:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	19.5	15.2	22.8



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

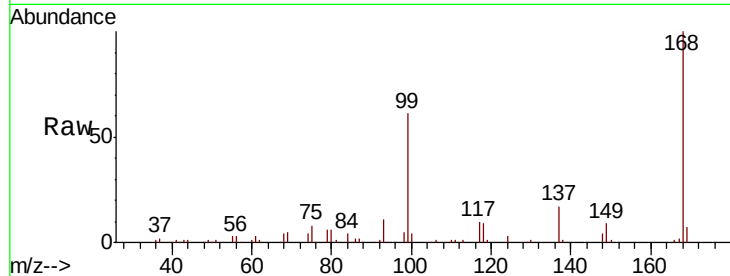




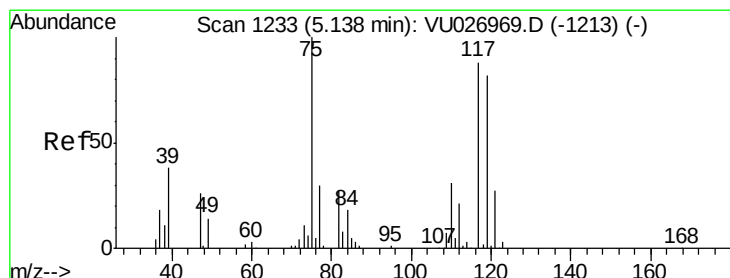
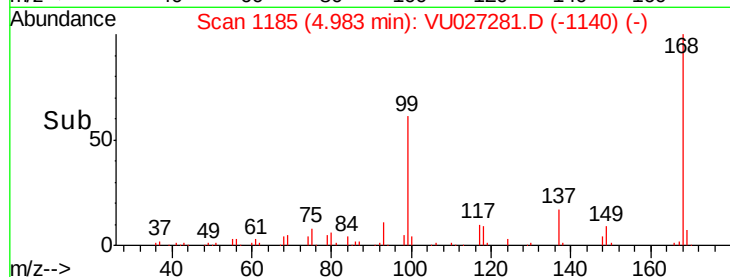
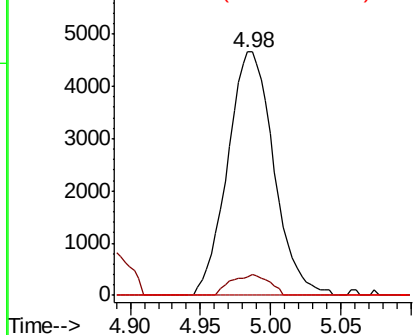
#36
 1,1-Dichloropropene
 Concen: 3.835 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027281.D
 Acq: 28 Sep 2018 18:58

Instrument :
 MSVOA_U
 ClientSampleId :
 B-11(TW-3)

Tgt Ion: 75 Resp: 10683
 Ion Ratio Lower Upper
 75 100
 110 7.0 16.1 48.2#
 77 0.0 24.6 36.8#

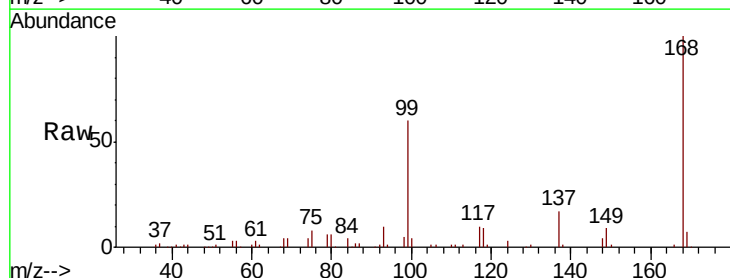


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

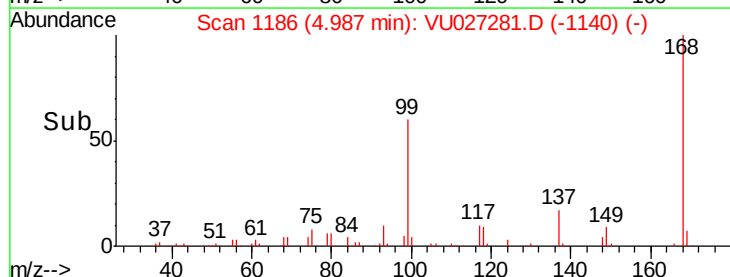
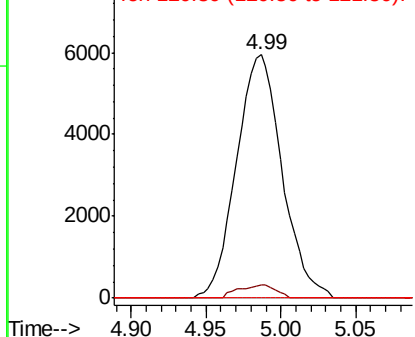


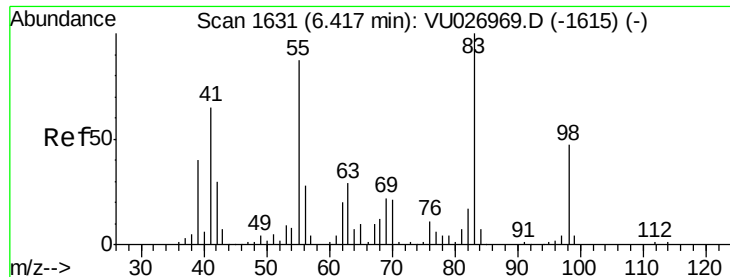
#38
 Carbon Tetrachloride
 Concen: 4.767 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027281.D
 Acq: 28 Sep 2018 18:58

Tgt Ion: 117 Resp: 12637
 Ion Ratio Lower Upper
 117 100
 119 5.4 74.4 111.6#
 121 0.0 24.2 36.4#



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

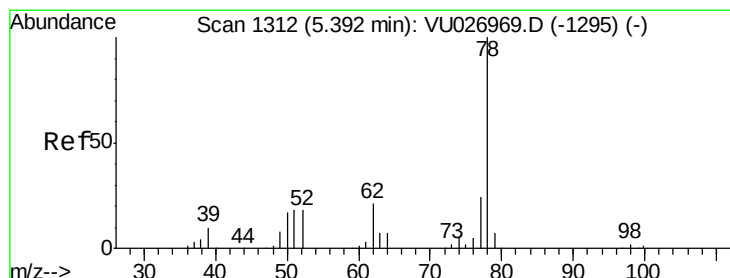
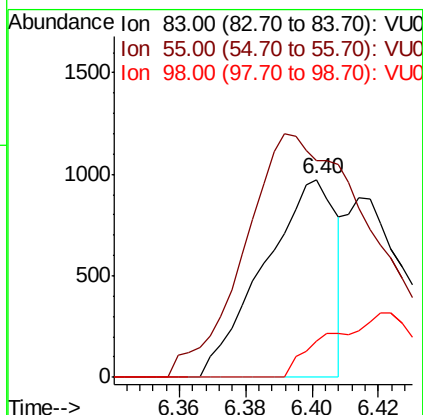
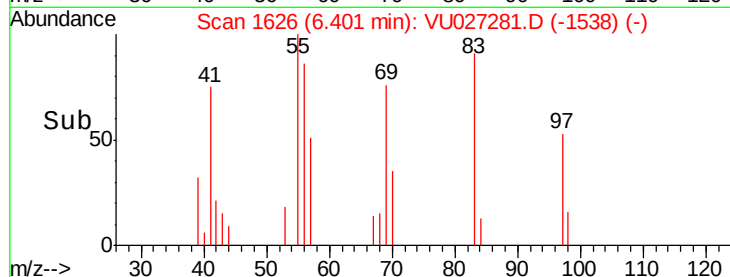
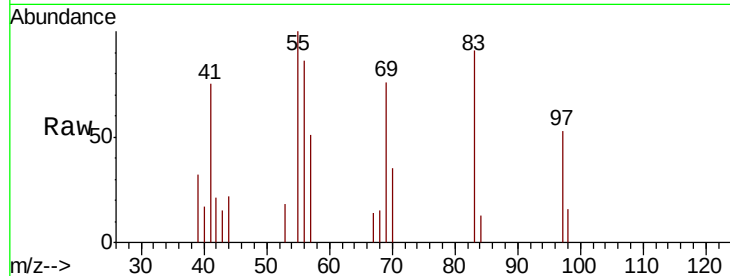




#39
Methylcyclohexane
Concen: 0.488 ug/l
RT: 6.40 min Scan# 1626
Delta R.T. -0.02 min
Lab File: VU027281.D
Acq: 28 Sep 2018 18:58

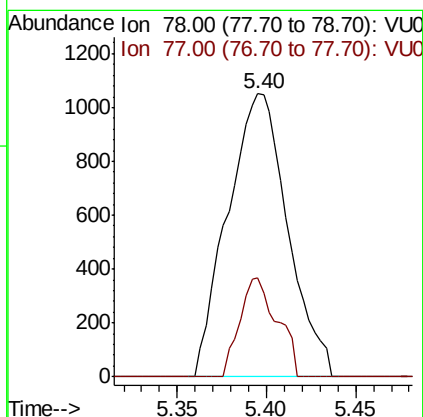
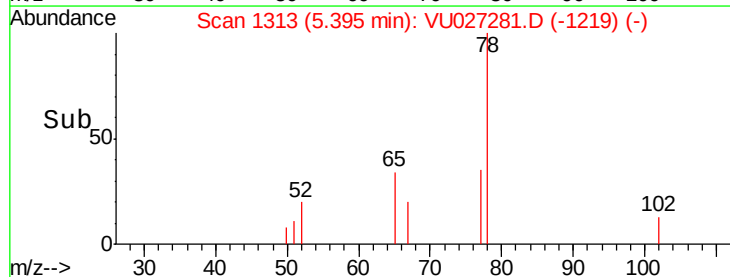
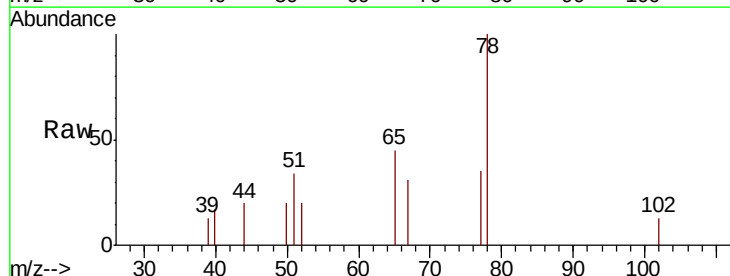
Instrument :
MSVOA_U
ClientSampleId :
B-11(TW-3)

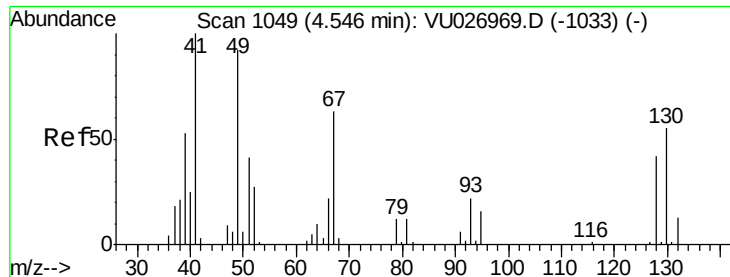
Tgt Ion: 83 Resp: 1477
Ion Ratio Lower Upper
83 100
55 97.3 69.9 104.9
98 18.1 37.5 56.3#



#40
Benzene
Concen: 0.291 ug/l
RT: 5.40 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU027281.D
Acq: 28 Sep 2018 18:58

Tgt Ion: 78 Resp: 2467
Ion Ratio Lower Upper
78 100
77 35.1 19.4 29.0#

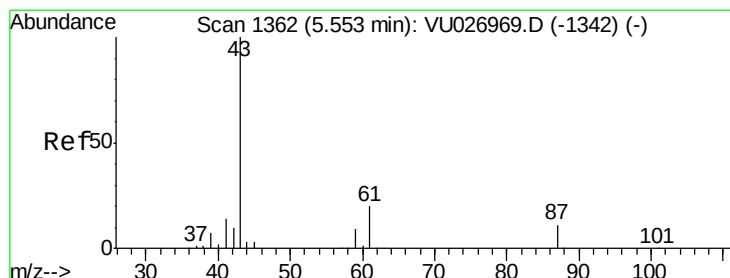
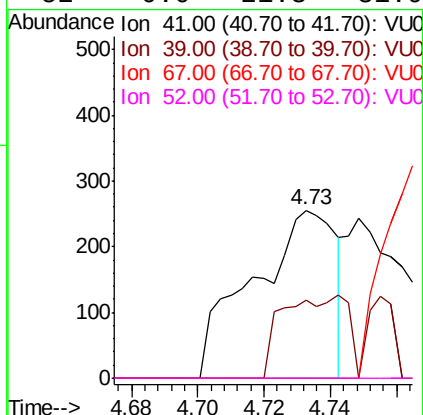
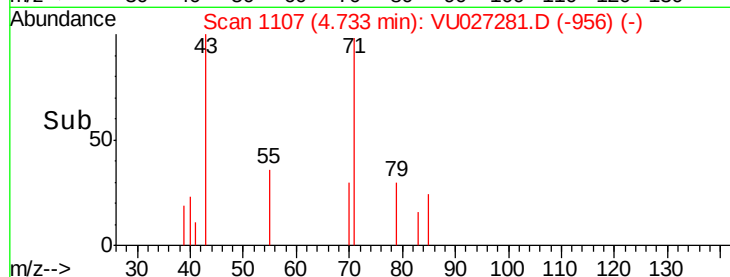
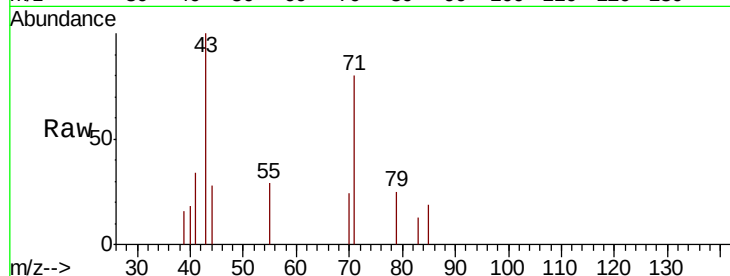




#41
Methacrylonitrile
Concen: 0.228 ug/l
RT: 4.73 min Scan# 1107
Delta R.T. 0.19 min
Lab File: VU027281.D
Acq: 28 Sep 2018 18:58

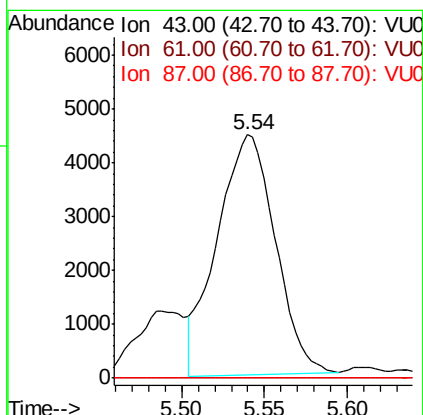
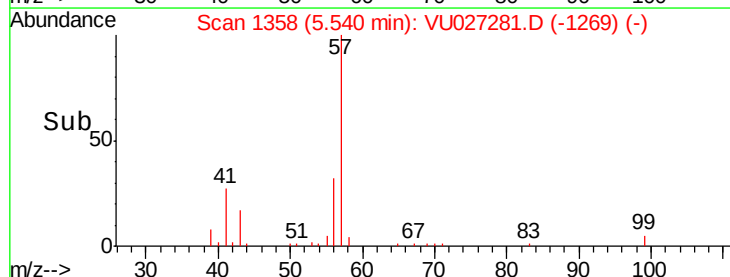
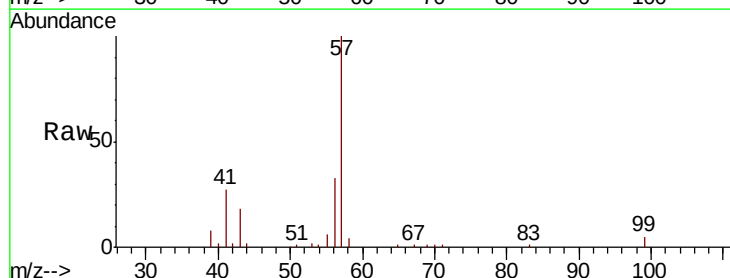
Instrument :
MSVOA_U
ClientSampled :
B-11(TW-3)

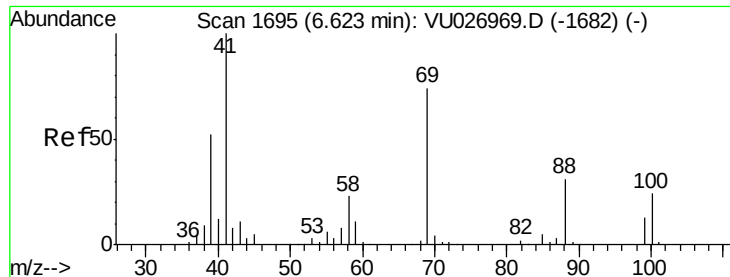
Tgt Ion: 41 Resp: 447
Ion Ratio Lower Upper
41 100
39 38.9 42.9 64.3#
67 0.0 52.4 78.6#
52 0.0 21.3 31.9#



#43
Isopropyl Acetate
Concen: 1.969 ug/l
RT: 5.54 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VU027281.D
Acq: 28 Sep 2018 18:58

Tgt Ion: 43 Resp: 10826
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5#
87 0.0 9.0 13.4#





#48

Methyl methacrylate

Concen: 1.150 ug/l

RT: 6.64 min Scan# 1700

Delta R.T. 0.02 min

Lab File: VU027281.D

Acq: 28 Sep 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

B-11(TW-3)

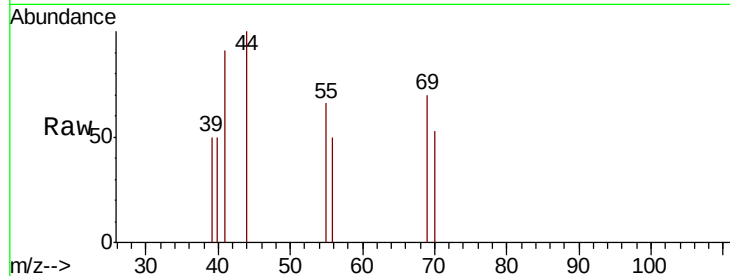
Tgt Ion: 41 Resp: 422

Ion Ratio Lower Upper

41 100

69 76.8 60.6 90.8

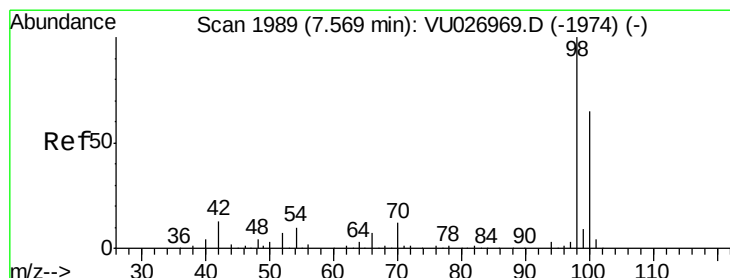
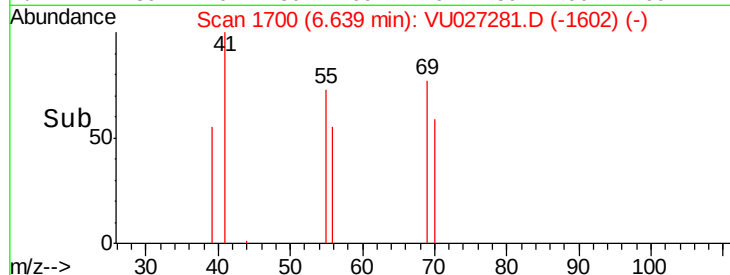
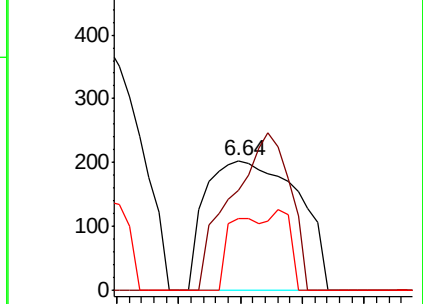
39 19.7 42.8 64.2#



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#50

Toluene-d8

Concen: 47.760 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027281.D

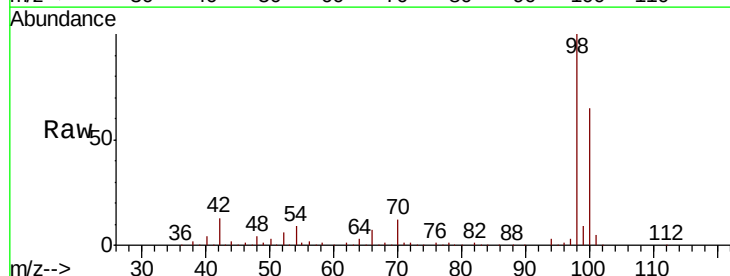
Acq: 28 Sep 2018 18:58

Tgt Ion: 98 Resp: 329282

Ion Ratio Lower Upper

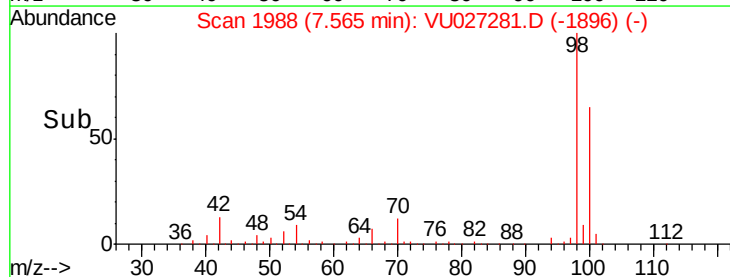
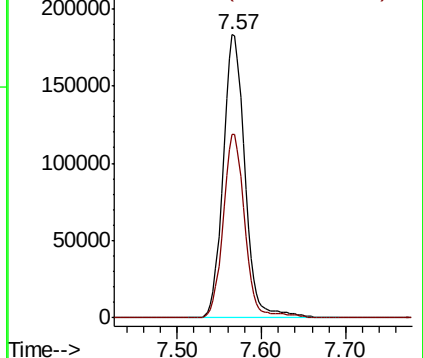
98 100

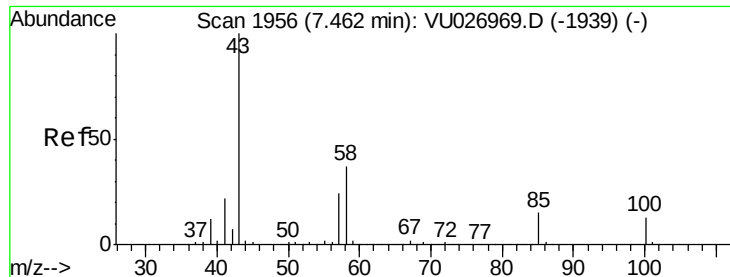
100 64.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

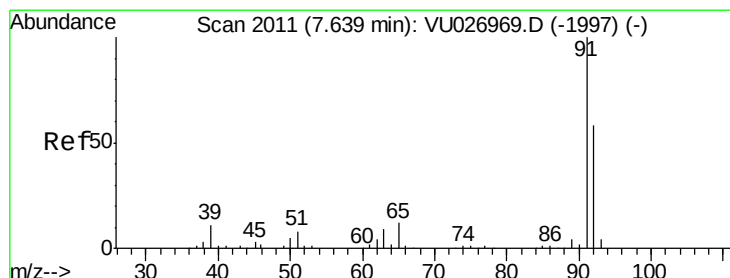
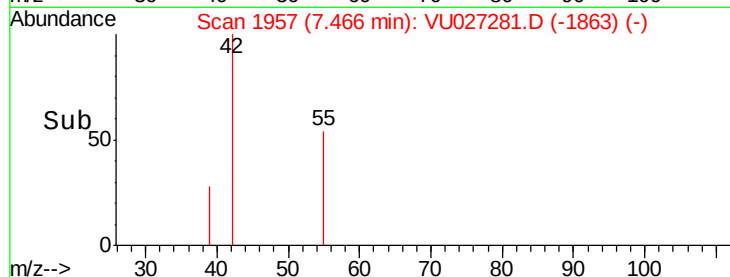
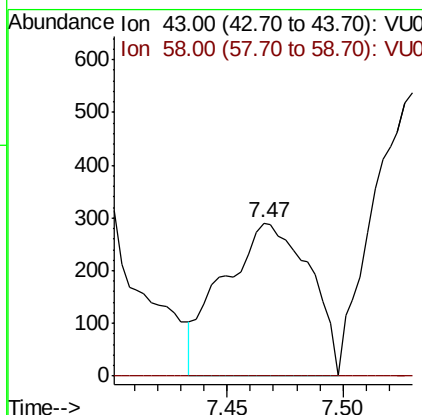
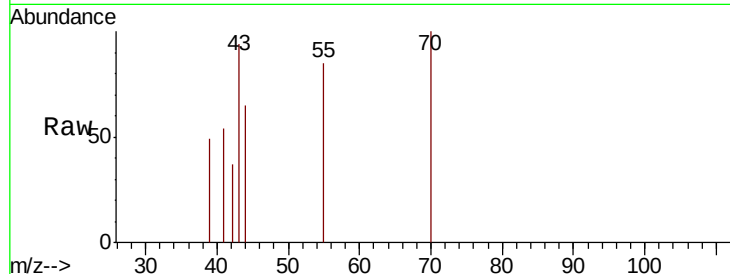




#51
 4-Methyl-2-Pentanone
 Concen: 0.203 ug/l
 RT: 7.47 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VU027281.D
 Acq: 28 Sep 2018 18:58

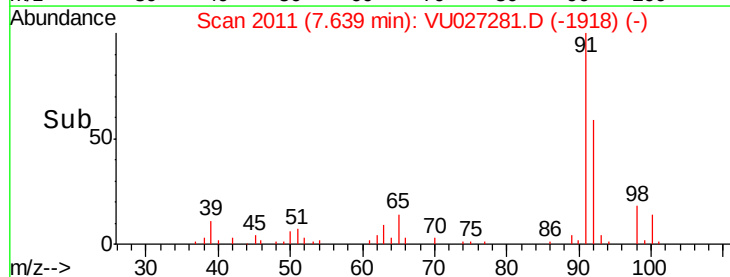
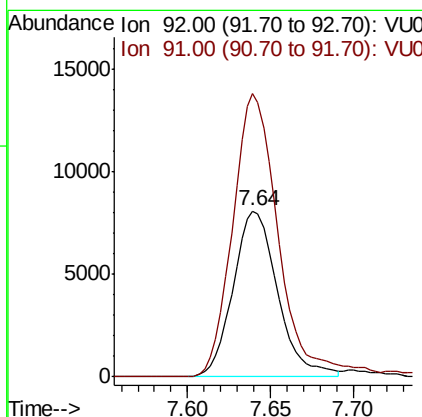
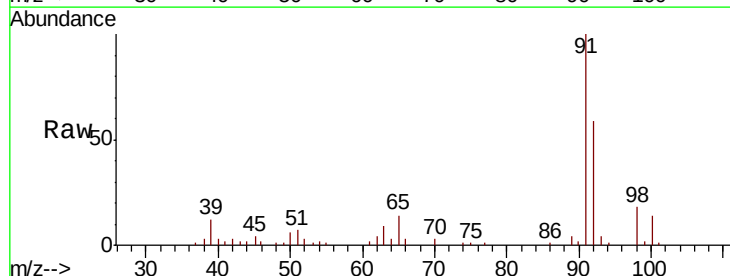
Instrument :
 MSVOA_U
 ClientSampleId :
 B-11(TW-3)

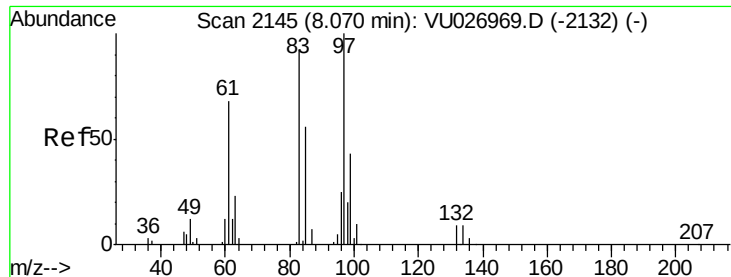
Tgt Ion: 43 Resp: 752
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.8 44.6#



#52
 Toluene
 Concen: 3.114 ug/l
 RT: 7.64 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU027281.D
 Acq: 28 Sep 2018 18:58

Tgt Ion: 92 Resp: 15113
 Ion Ratio Lower Upper
 92 100
 91 176.4 136.4 204.6





#55

1,1,2-Trichloroethane

Concen: 1.611 ug/l

RT: 8.04 min Scan# 2137

Delta R.T. -0.03 min

Lab File: VU027281.D

Acq: 28 Sep 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

B-11(TW-3)

Tgt Ion: 97 Resp: 3313

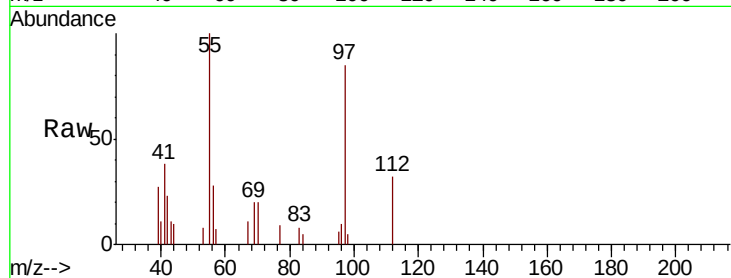
Ion Ratio Lower Upper

97 100

83 9.9 73.1 109.7#

85 0.0 46.7 70.1#

99 0.0 50.0 75.0#

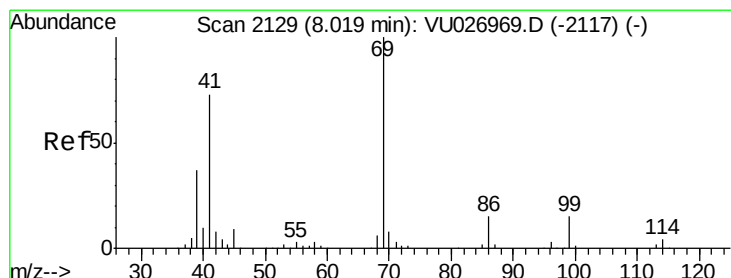
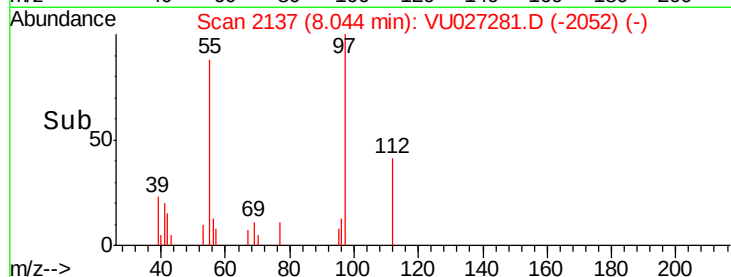
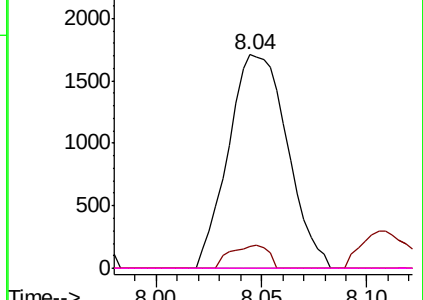


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56

Ethyl methacrylate

Concen: 2.408 ug/l

RT: 8.04 min Scan# 2136

Delta R.T. 0.02 min

Lab File: VU027281.D

Acq: 28 Sep 2018 18:58

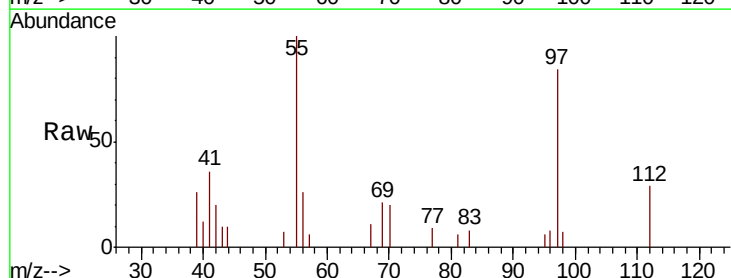
Tgt Ion: 69 Resp: 799

Ion Ratio Lower Upper

69 100

41 237.5 59.0 88.4#

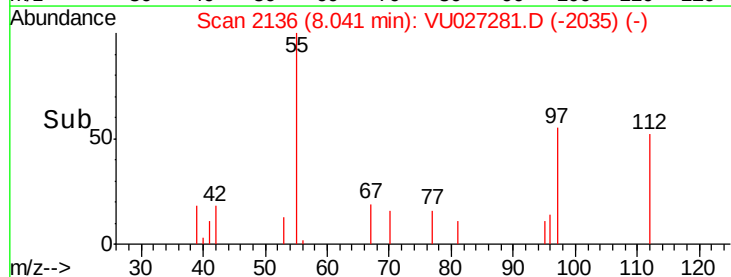
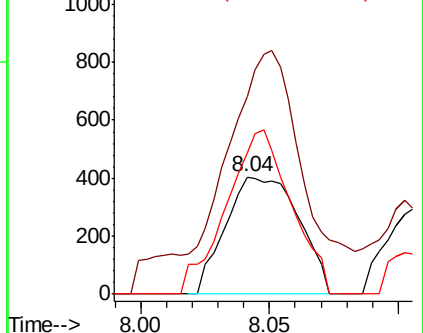
39 124.2 30.2 45.4#

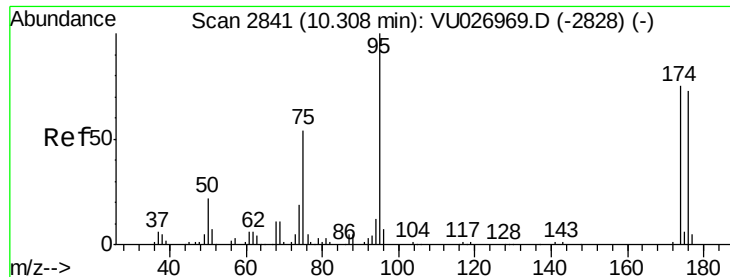


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

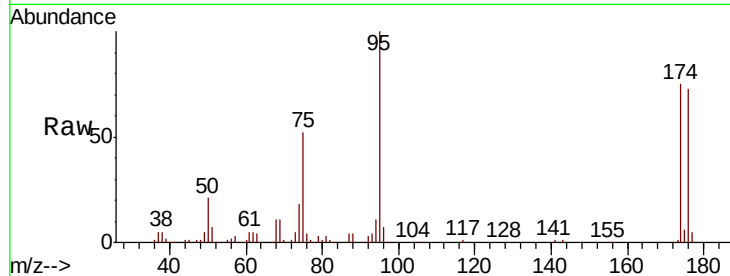




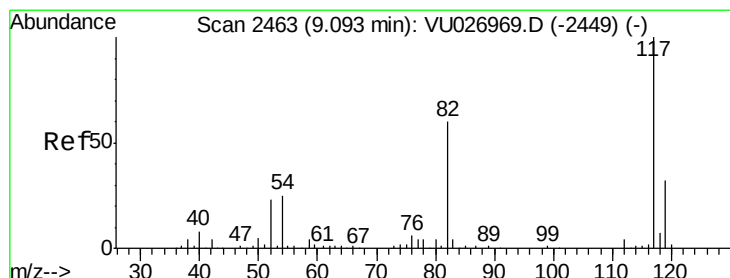
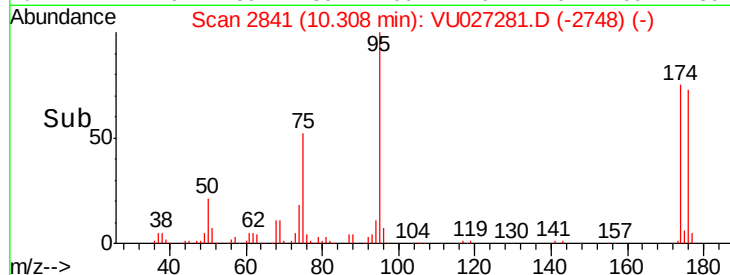
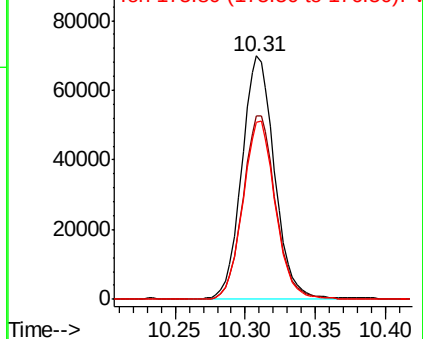
#62
 4-Bromofluorobenzene
 Concen: 47.962 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027281.D
 Acq: 28 Sep 2018 18:58

Instrument :
 MSVOA_U
 ClientSampleId :
 B-11(TW-3)

Tgt Ion: 95 Resp: 113465
 Ion Ratio Lower Upper
 95 100
 174 75.5 0.0 150.2
 176 72.8 0.0 145.2

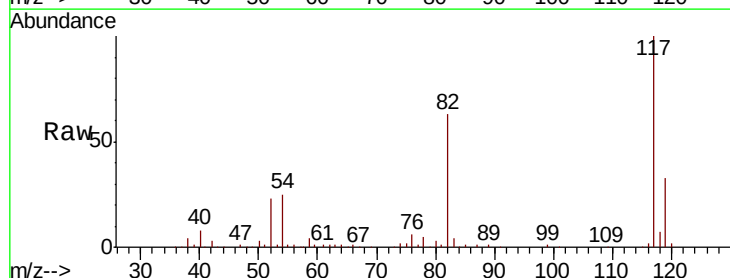


Abundance Ion 94.90 (94.60 to 95.60): VU0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

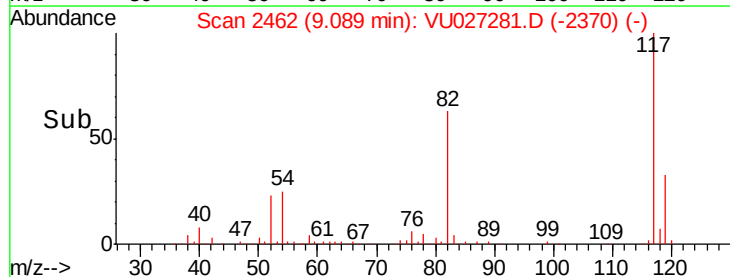
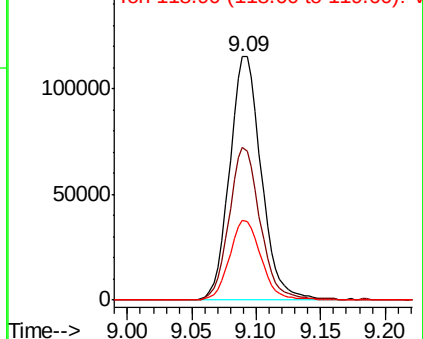


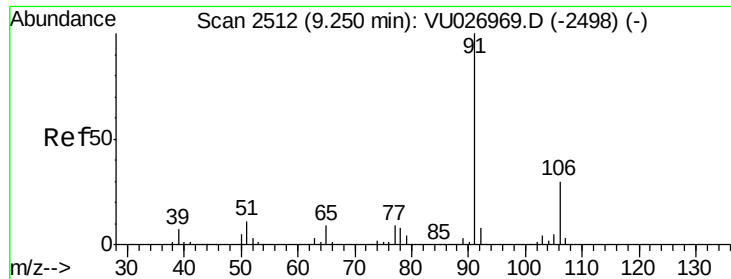
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU027281.D
 Acq: 28 Sep 2018 18:58

Tgt Ion: 117 Resp: 196737
 Ion Ratio Lower Upper
 117 100
 82 62.4 48.0 72.0
 119 32.6 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VU0
 Ion 118.90 (118.60 to 119.60): V

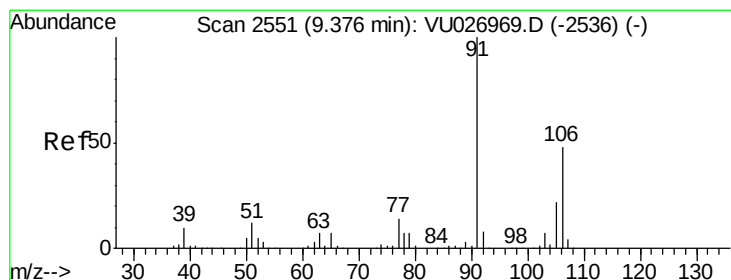
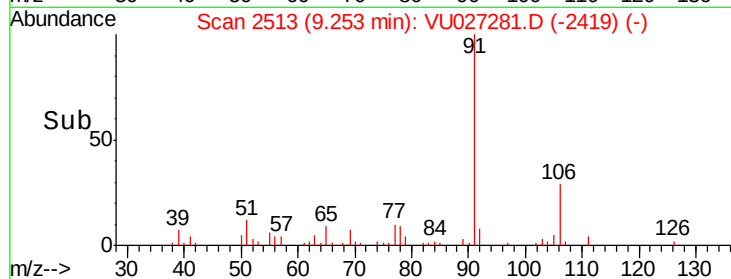
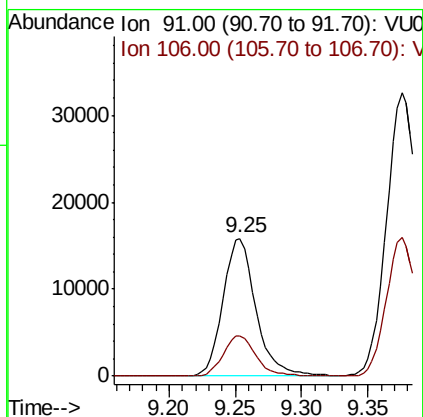
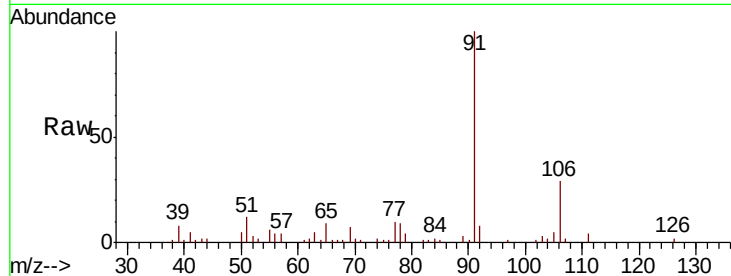




#67
Ethyl Benzene
Concen: 3.201 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027281.D
Acq: 28 Sep 2018 18:58

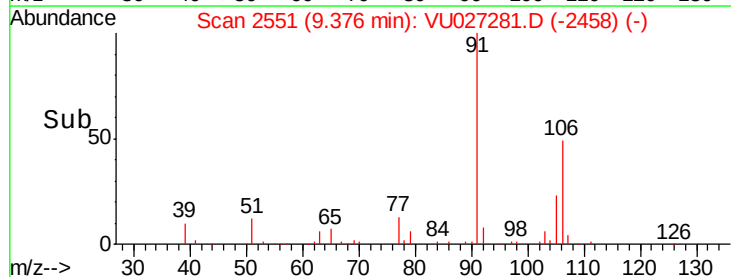
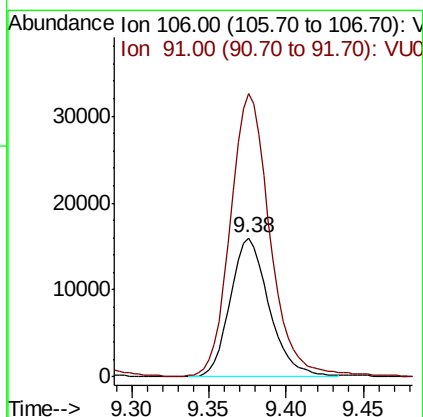
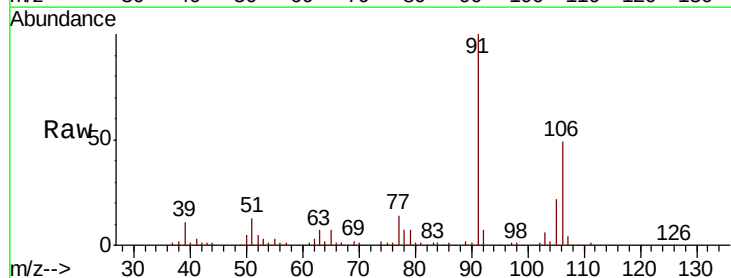
Instrument :
MSVOA_U
ClientSampleId :
B-11(TW-3)

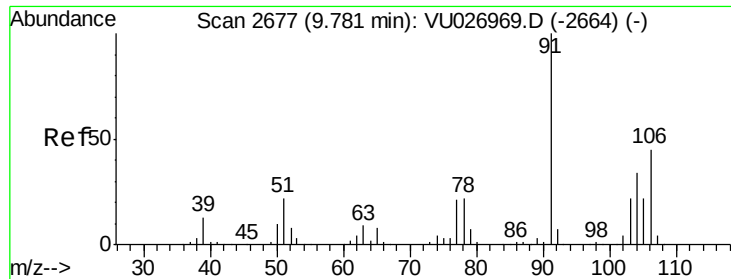
Tgt Ion: 91 Resp: 27460
Ion Ratio Lower Upper
91 100
106 29.0 23.8 35.8



#68
m/p-Xylenes
Concen: 9.404 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027281.D
Acq: 28 Sep 2018 18:58

Tgt Ion: 106 Resp: 27873
Ion Ratio Lower Upper
106 100
91 209.7 166.5 249.7

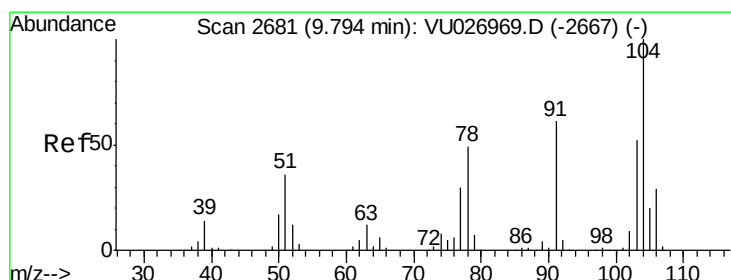
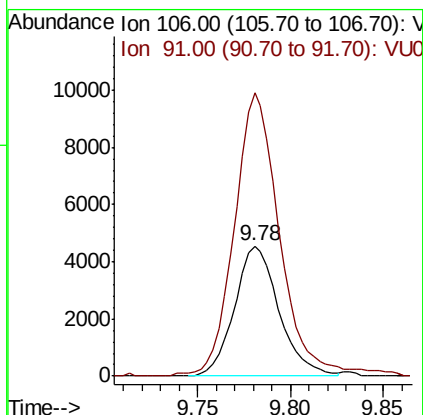
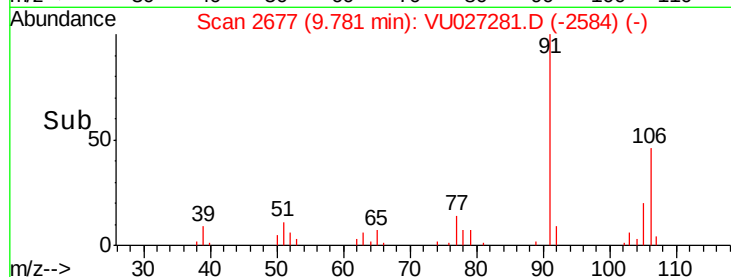
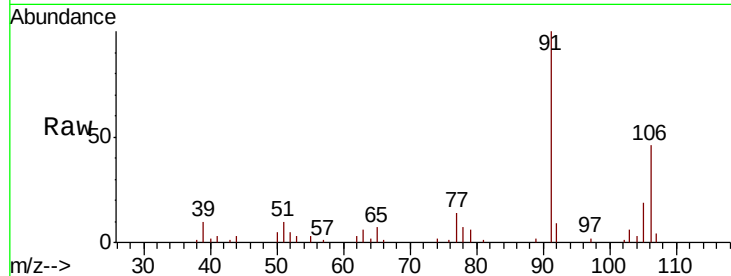




#69
o-Xylene
Concen: 2.501 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027281.D
Acq: 28 Sep 2018 18:58

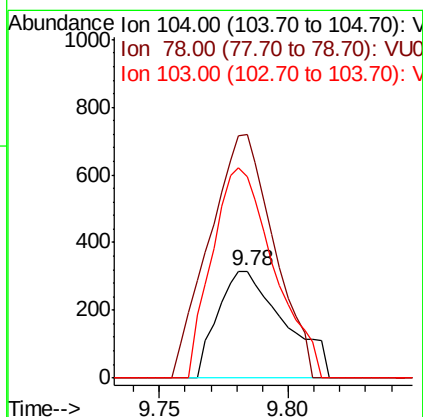
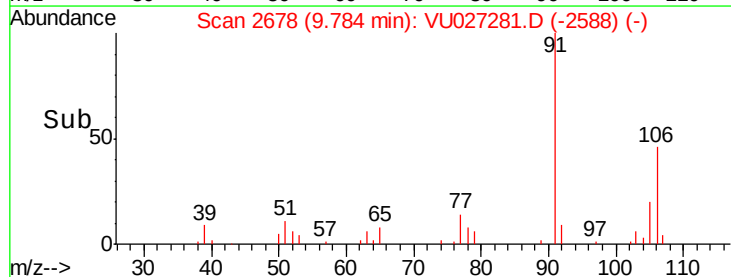
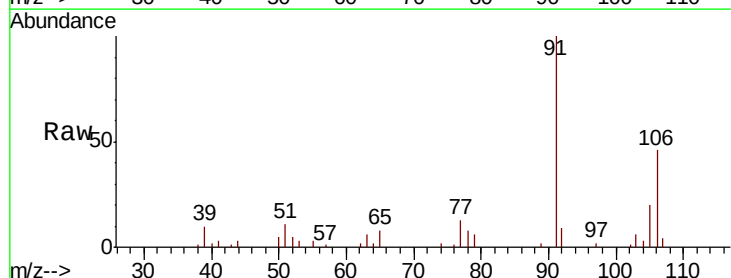
Instrument :
MSVOA_U
ClientSampleId :
B-11(TW-3)

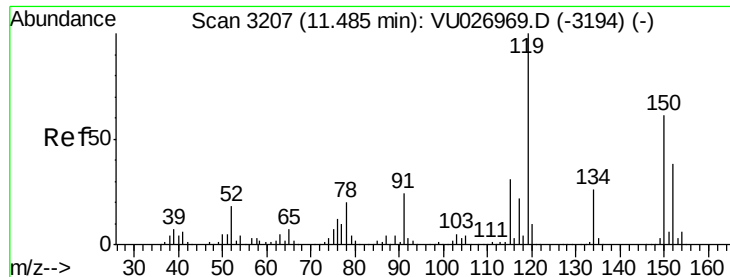
Tgt Ion:106 Resp: 7602
Ion Ratio Lower Upper
106 100
91 222.9 110.2 330.6



#70
Styrene
Concen: 1.906 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. -0.01 min
Lab File: VU027281.D
Acq: 28 Sep 2018 18:58

Tgt Ion:104 Resp: 566
Ion Ratio Lower Upper
104 100
78 221.4 43.0 64.4#
103 183.2 44.1 66.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027281.D

Acq: 28 Sep 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

B-11(TW-3)

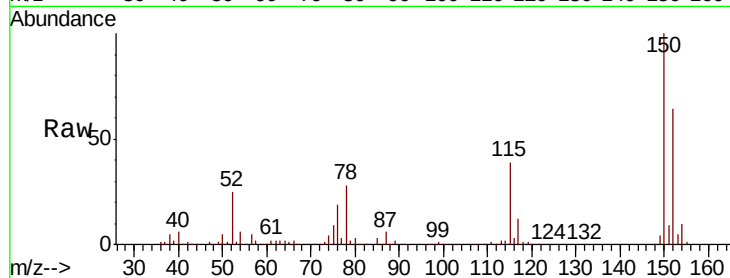
Tgt Ion:152 Resp: 100715

Ion Ratio Lower Upper

152 100

115 59.8 44.9 134.5

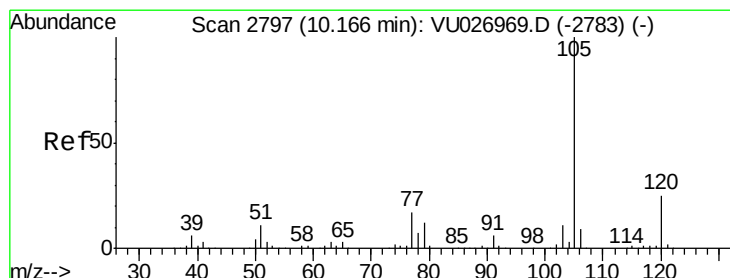
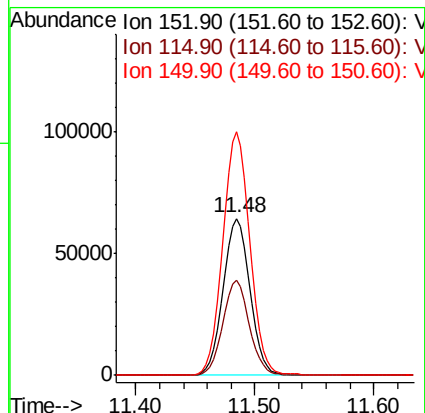
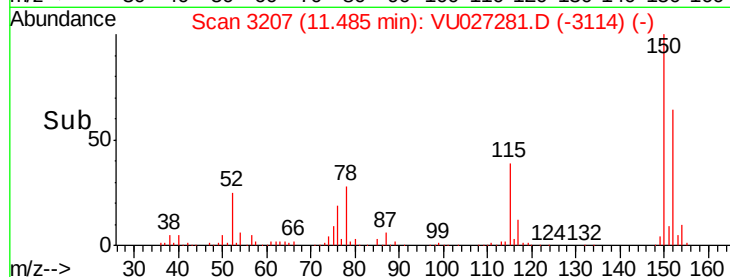
150 156.0 0.0 355.8



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: 0.360 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027281.D

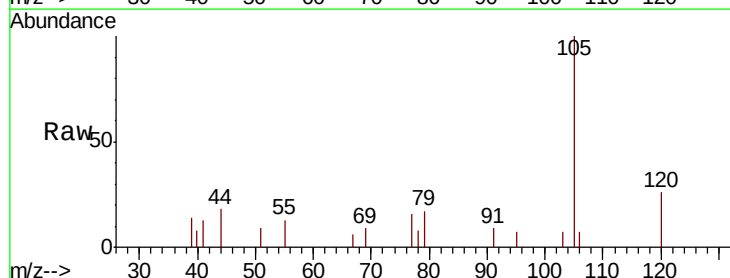
Acq: 28 Sep 2018 18:58

Tgt Ion:105 Resp: 2756

Ion Ratio Lower Upper

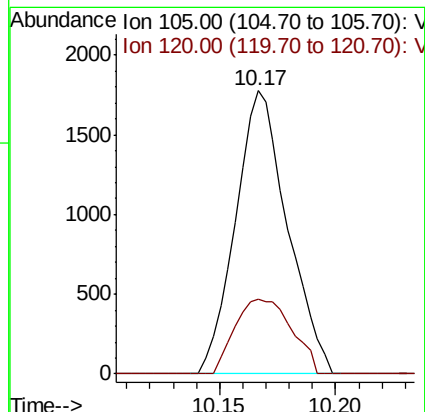
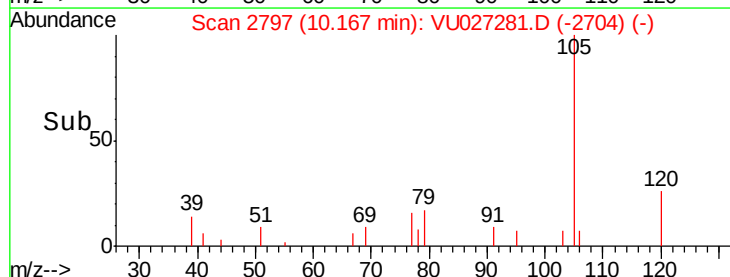
105 100

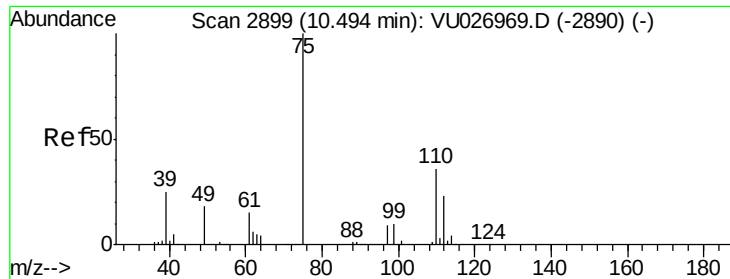
120 28.9 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 19.079 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027281.D

Acq: 28 Sep 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

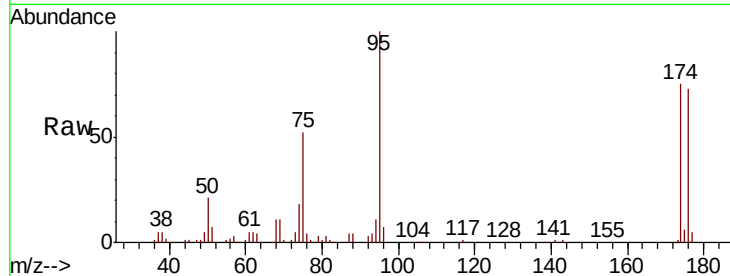
B-11(TW-3)

Tgt Ion: 75 Resp: 58375

Ion Ratio Lower Upper

75 100

77 1.4 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU026969.D (-2890) (-)

10.31

40000

30000

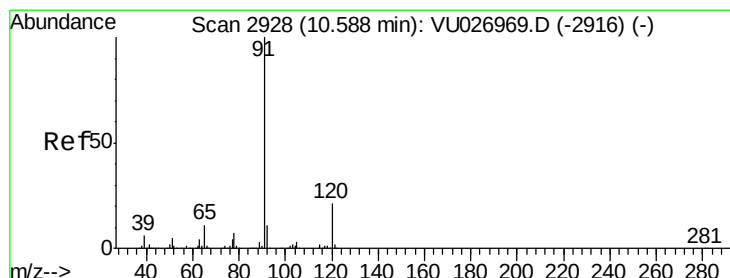
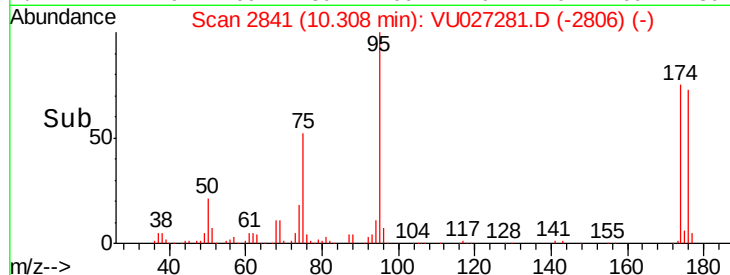
20000

10000

0

Time-->

10.25 10.30 10.35



#78

n-propylbenzene

Concen: 1.524 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027281.D

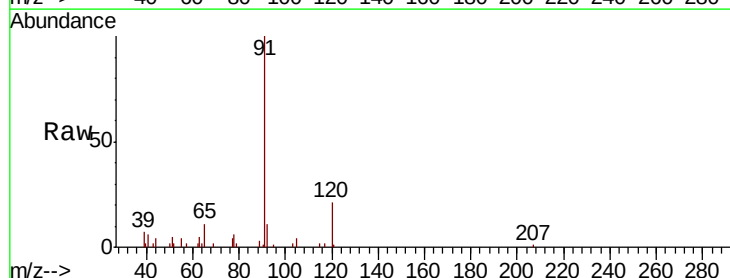
Acq: 28 Sep 2018 18:58

Tgt Ion: 91 Resp: 13819

Ion Ratio Lower Upper

91 100

120 20.1 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2916) (-)

Ion 120.00 (119.70 to 120.70): VU026969.D (-2916) (-)

10.59

8000

6000

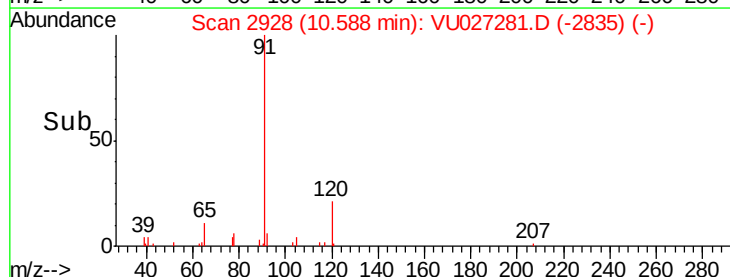
4000

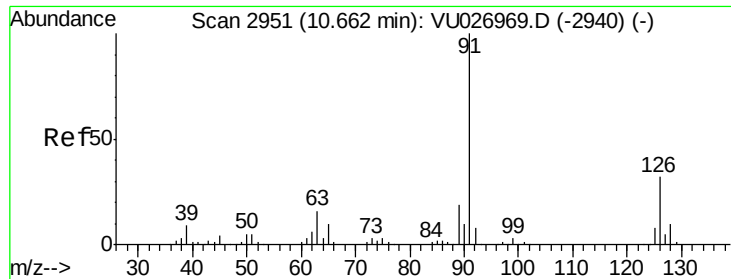
2000

0

Time-->

10.55 10.60 10.65

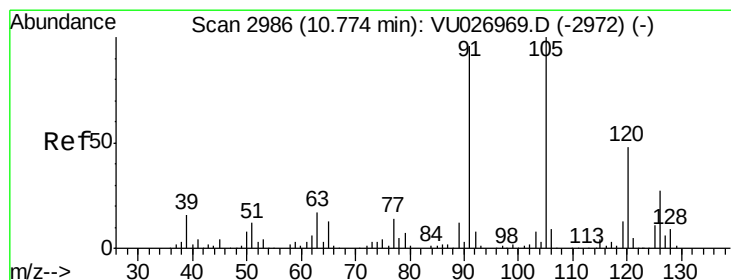
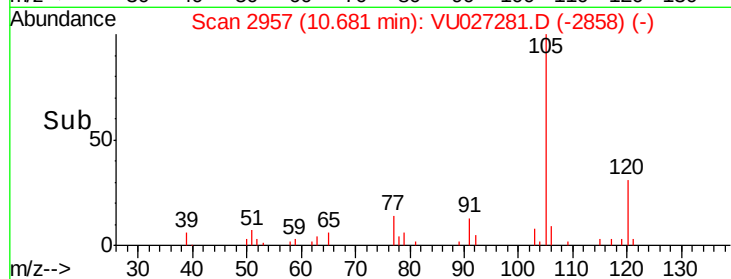
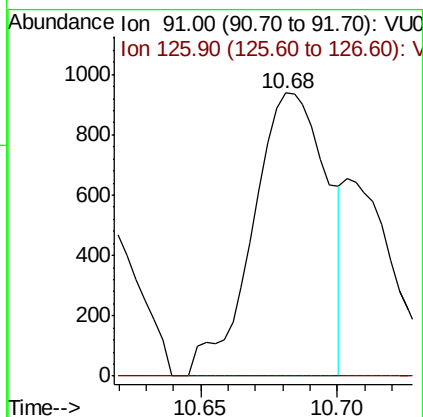
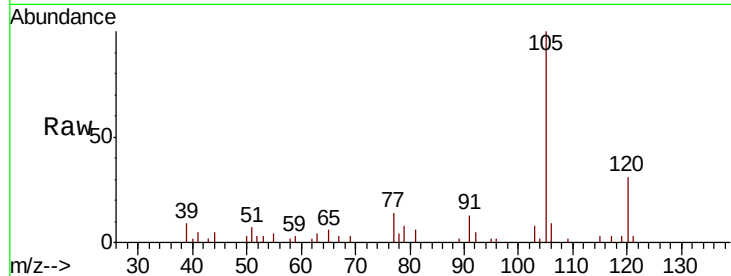




#79
 2-Chlorotoluene
 Concen: 0.312 ug/l
 RT: 10.68 min Scan# 2957
 Delta R.T. 0.02 min
 Lab File: VU027281.D
 Acq: 28 Sep 2018 18:58

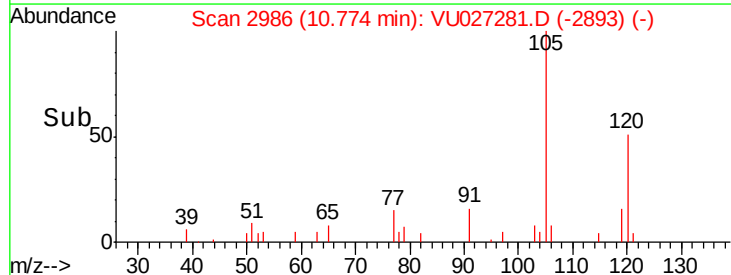
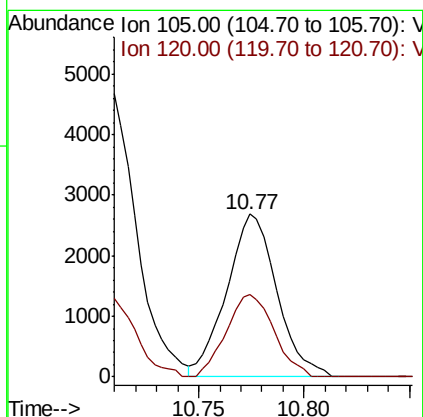
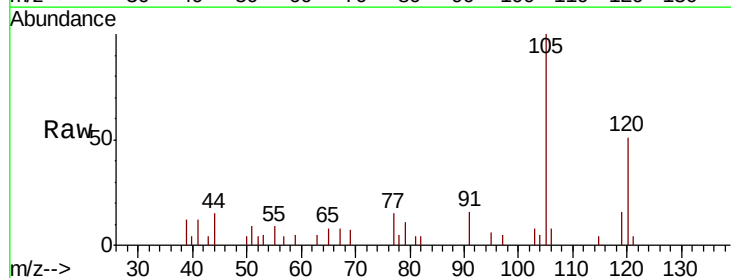
Instrument :
 MSVOA_U
 ClientSampleId :
 B-11(TW-3)

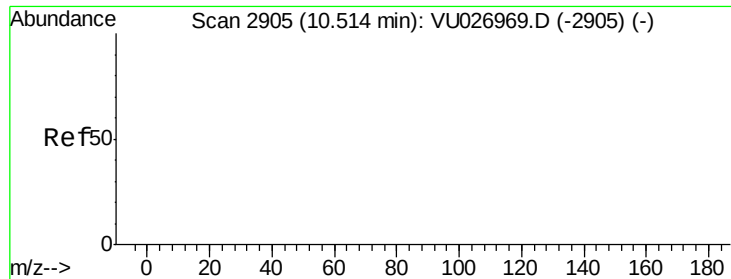
Tgt Ion: 91 Resp: 1779
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.703 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027281.D
 Acq: 28 Sep 2018 18:58

Tgt Ion: 105 Resp: 4443
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 61.055 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027281.D

Acq: 28 Sep 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

B-11(TW-3)

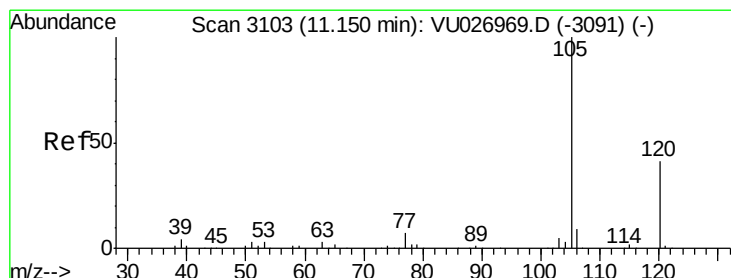
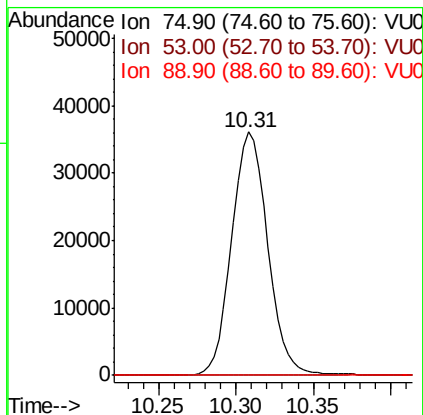
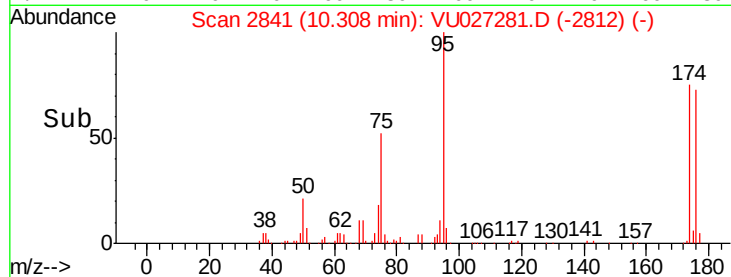
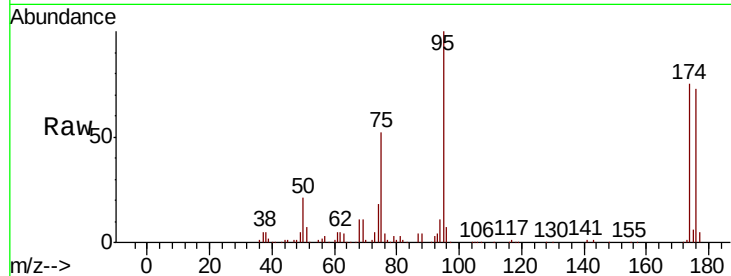
Tgt Ion: 75 Resp: 58375

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#84

1,2,4-Trimethylbenzene

Concen: 3.122 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU027281.D

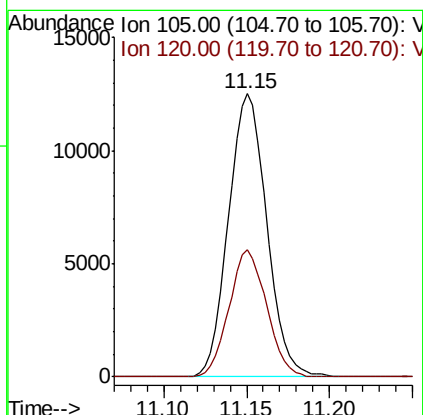
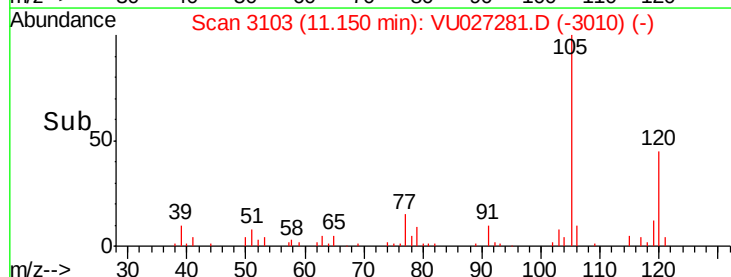
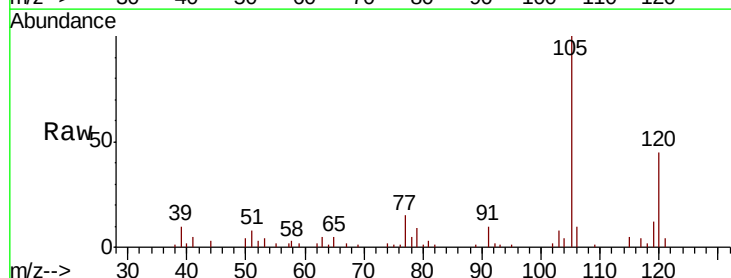
Acq: 28 Sep 2018 18:58

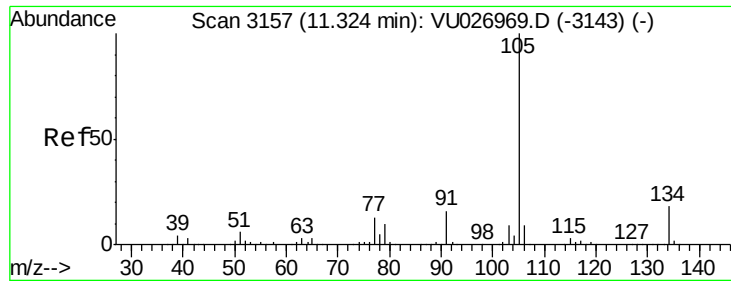
Tgt Ion: 105 Resp: 20096

Ion Ratio Lower Upper

105 100

120 43.8 22.4 67.2





#85

sec-Butylbenzene

Concen: 0.727 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU027281.D

Acq: 28 Sep 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

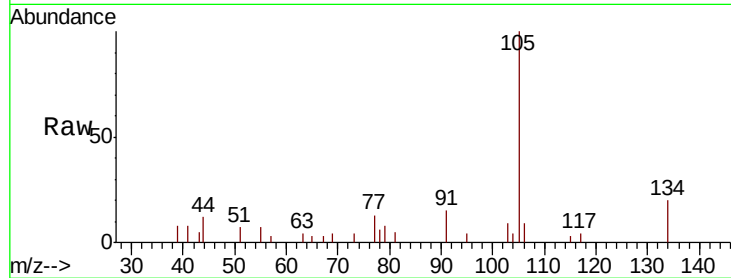
B-11(TW-3)

Tgt Ion:105 Resp: 5552

Ion Ratio Lower Upper

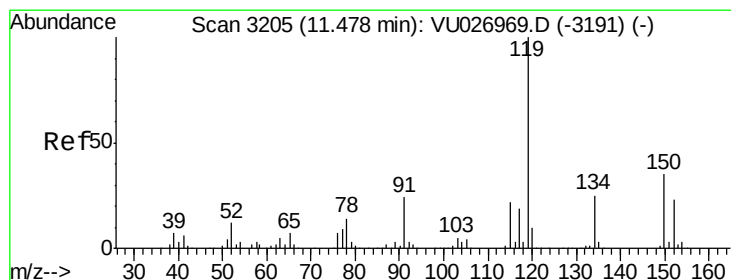
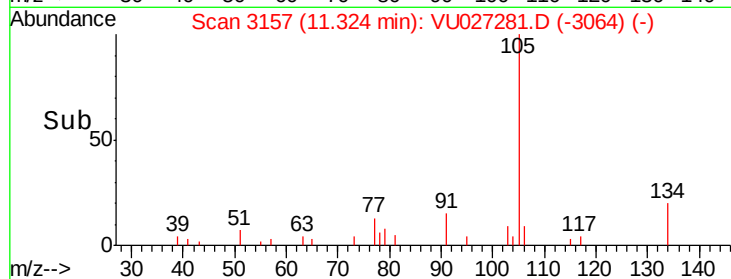
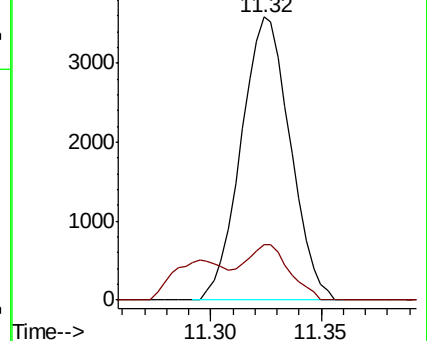
105 100

134 17.0 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.090 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU027281.D

Acq: 28 Sep 2018 18:58

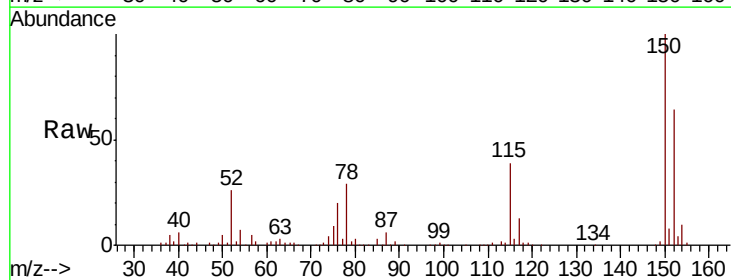
Tgt Ion:119 Resp: 1188

Ion Ratio Lower Upper

119 100

134 23.8 12.8 38.3

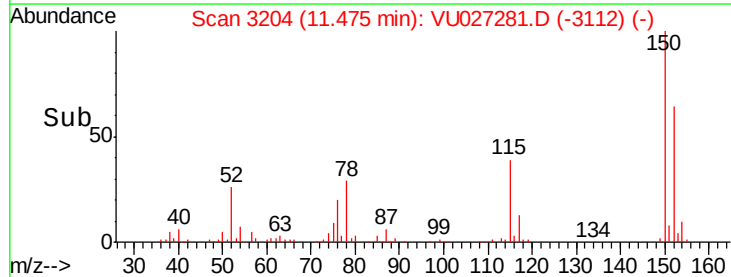
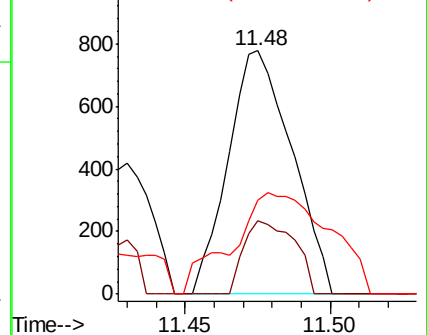
91 63.6 12.3 36.8#

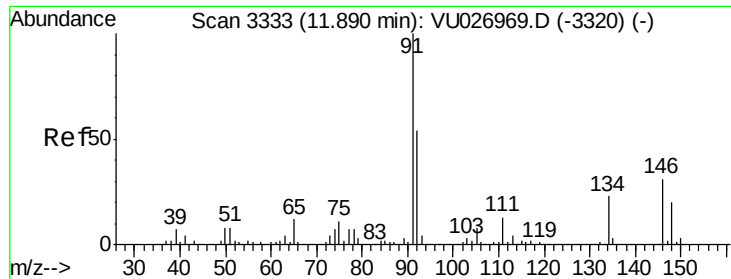


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





#89

n-Butylbenzene

Concen: 3.363 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027281.D

Acq: 28 Sep 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

B-11(TW-3)

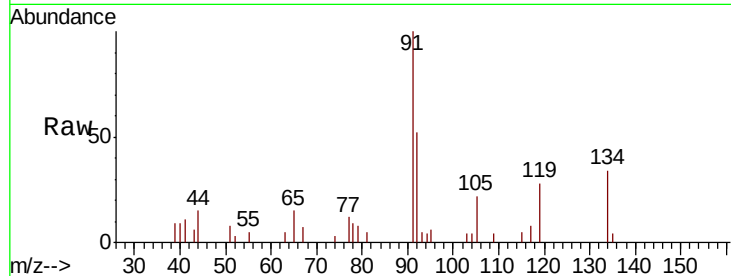
Tgt Ion: 91 Resp: 7074

Ion Ratio Lower Upper

91 100

92 39.2 27.1 81.2

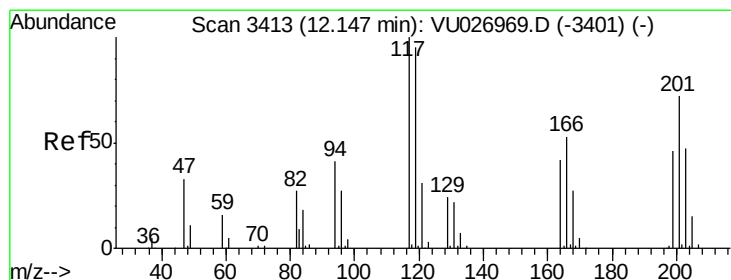
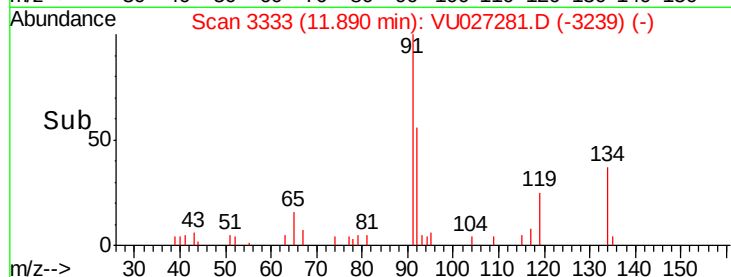
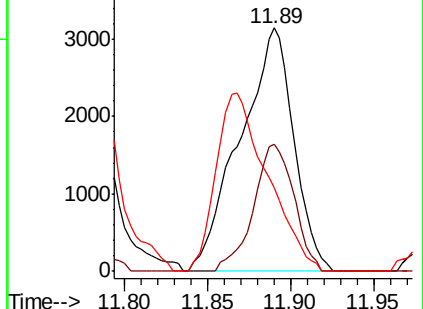
134 0.0 11.7 35.0#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 2.058 ug/l

RT: 12.25 min Scan# 3446

Delta R.T. 0.11 min

Lab File: VU027281.D

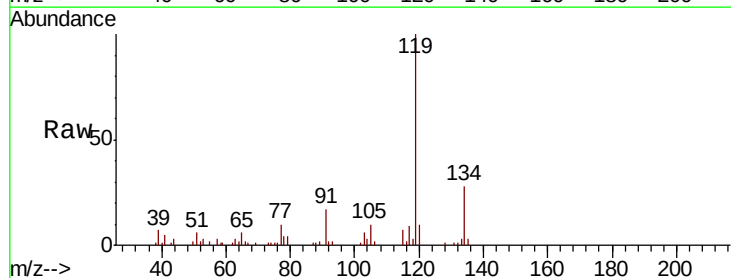
Acq: 28 Sep 2018 18:58

Tgt Ion: 117 Resp: 2857

Ion Ratio Lower Upper

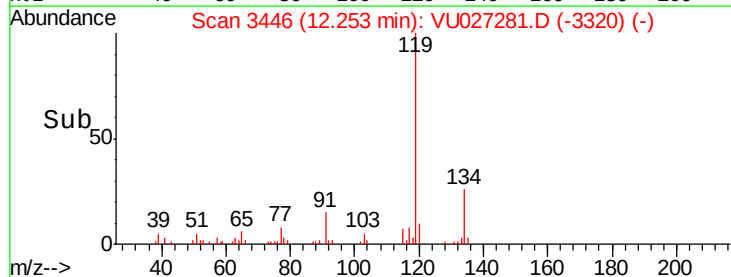
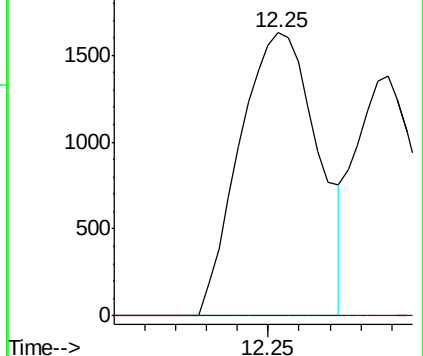
117 100

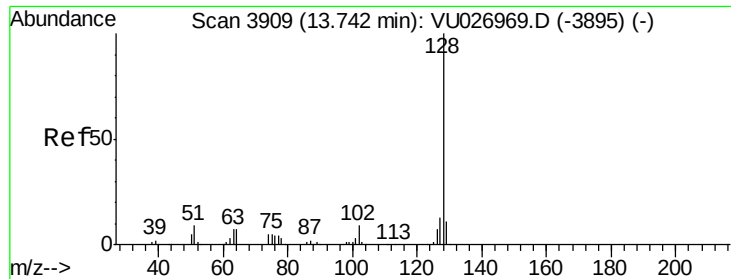
201 0.0 36.8 110.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

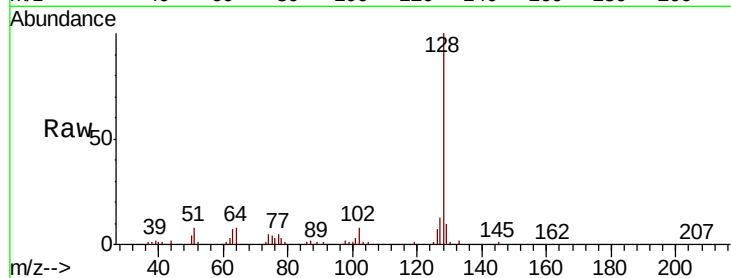




#95
 Naphthalene
 Concen: 7.276 ug/l
 RT: 13.75 min Scan# 3910
 Delta R.T. 0.00 min
 Lab File: VU027281.D
 Acq: 28 Sep 2018 18:58

Instrument :
 MSVOA_U
 ClientSampleId :
 B-11(TW-3)

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.0	8.6	12.8



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

